Astrodienst Ephemeris Tables

from the year 1550 for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

JANUARY 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 19 17	20♉19'02	18♊20	26♐57	28♒28	28♐49	15°D58	29♉42	3°R22	3°R35	25♒17	7°R23	8♎ 1	14♒ 9	6°R54	W 1
T 2	7 23 13	21°20'07	3♋ 7	27°37	29°41	29°33	15♉58	29°49	3♎22	3♉35	25°19	7♎13	7°58	14°15	6♋50	T 2
F 3	7 27 10	22°21'12	18°12	28°22	0♓53	0♉18	15°59	29°56	3°22	3°35	25°20	7° 1	7°54	14°22	6°46	F 3
S 4	7 31 6	23°22'15	3♌28	29°11	2° 5	1° 3	15°59	0♒ 3	3°21	3°D35	25°22	6°50	7°51	14°29	6°42	S 4
S 5	7 35 3	24°23'18	18°42	0♉ 4	3°17	1°48	16° 0	0°10	3°21	3°35	25°23	6°41	7°48	14°35	6°38	S 5
M 6	7 38 59	25°24'21	3♍44	1° 0	4°29	2°33	16° 1	0°17	3°21	3°35	25°25	6°35	7°45	14°42	6°34	M 6
T 7	7 42 56	26°25'23	18°26	2° 0	5°41	3°18	16° 2	0°24	3°20	3°35	25°26	6°31	7°42	14°49	6°30	T 7
W 8	7 46 52	27°26'24	2♎43	3° 2	6°53	4° 3	16° 4	0°31	3°20	3°35	25°28	6°D30	7°38	14°56	6°26	W 8
T 9	7 50 49	28°27'25	16°35	4° 7	8° 5	4°49	16° 5	0°39	3°19	3°35	25°29	6°30	7°35	15° 2	6°22	T 9
F 10	7 54 46	29°28'25	0♏ 2	5°15	9°17	5°34	16° 7	0°46	3°18	3°36	25°31	6°R31	7°32	15° 9	6°19	F 10
S 11	7 58 42	0♒29'24	13° 7	6°24	10°28	6°19	16° 9	0°53	3°18	3°36	25°32	6°30	7°29	15°16	6°15	S 11
S 12	8 2 39	1°30'23	25°53	7°36	11°40	7° 4	16°11	1° 0	3°17	3°36	25°34	6°27	7°26	15°22	6°11	S 12
M13	8 6 35	2°31'22	8♐24	8°49	12°51	7°49	16°14	1° 7	3°16	3°36	25°35	6°22	7°23	15°29	6° 8	M13
T 14	8 10 32	3°32'19	20°44	10° 4	14° 3	8°35	16°16	1°14	3°15	3°37	25°37	6°13	7°19	15°36	6° 4	T 14
W15	8 14 28	4°33'16	2♉54	11°20	15°14	9°20	16°19	1°21	3°14	3°37	25°39	6° 3	7°16	15°42	6° 0	W15
T 16	8 18 25	5°34'12	14°57	12°38	16°25	10° 5	16°22	1°29	3°13	3°38	25°40	5°51	7°13	15°49	5°57	T 16
F 17	8 22 21	6°35'07	26°54	13°57	17°36	10°51	16°25	1°36	3°12	3°38	25°42	5°39	7°10	15°56	5°54	F 17
S 18	8 26 18	7°36'00	8♒47	15°18	18°47	11°36	16°28	1°43	3°11	3°38	25°43	5°27	7° 7	16° 2	5°50	S 18
S 19	8 30 15	8°36'53	20°38	16°39	19°58	12°22	16°32	1°50	3°10	3°39	25°45	5°17	7° 4	16° 9	5°47	S 19
M20	8 34 11	9°37'44	2♓27	18° 2	21° 8	13° 7	16°36	1°57	3° 9	3°39	25°47	5°10	7° 0	16°16	5°44	M20
T 21	8 38 8	10°38'34	14°17	19°26	22°19	13°53	16°40	2° 4	3° 8	3°40	25°48	5° 5	6°57	16°23	5°40	T 21
W22	8 42 4	11°39'23	26°10	20°51	23°29	14°38	16°44	2°11	3° 7	3°41	25°50	5° 2	6°54	16°29	5°37	W22
T 23	8 46 1	12°40'10	8♈11	22°17	24°40	15°24	16°48	2°18	3° 5	3°41	25°52	5°D 2	6°51	16°36	5°34	T 23
F 24	8 49 57	13°40'55	20°22	23°44	25°50	16°10	16°53	2°25	3° 4	3°42	25°53	5° 2	6°48	16°43	5°31	F 24
S 25	8 53 54	14°41'39	2♉49	25°12	27° 0	16°55	16°57	2°32	3° 3	3°43	25°55	5° 4	6°44	16°49	5°28	S 25
S 26	8 57 50	15°42'21	15°36	26°40	28° 9	17°41	17° 2	2°39	3° 1	3°43	25°57	5°R 4	6°41	16°56	5°25	S 26
M27	9 1 47	16°43'02	28°47	28°10	29°19	18°27	17° 7	2°46	3° 0	3°44	25°58	5° 3	6°38	17° 3	5°23	M27
T 28	9 5 44	17°43'41	12♊26	29°41	0♈29	19°12	17°12	2°53	2°58	3°45	26° 0	5° 1	6°35	17° 9	5°20	T 28
W29	9 9 40	18°44'18	26°35	1♒12	1°38	19°58	17°18	3° 0	2°56	3°46	26° 2	4°56	6°32	17°16	5°17	W29
T 30	9 13 37	19°44'54	11♋11	2°44	2°47	20°44	17°23	3° 7	2°55	3°47	26° 3	4°50	6°29	17°23	5°15	T 30
F 31	9 17 33	20♒45'28	26♋11	4♒18	3♈56	21♉30	17♉29	3♒14	2♎53	3♉48	26♒ 5	4♎43	6♎25	17♒29	5♋12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21s57	18n15	4s45	21s13	2n15	13s29	1s32	24s 3	0s33	15n45	0s57	20s41	0s26	0s40	0n45	11n 1	1s50	23s50	11s25	2s56	3s11	12s38	16n 3	7s17	W 1
T 2	21 48	18 27	5 0	21 23	2 5	13 1	1 30	24 4	0 34	15 45	0 56	20 40	0 26	0 40	0 45	11 1	1 49	23 50	11 25	2 52	3 10	12 37	16 3	7 17	T 2
F 3	21 38	17 22	4 56	21 34	1 55	12 34	1 28	24 4	0 35	15 46	0 56	20 38	0 26	0 39	0 45	11 2	1 49	23 49	11 25	2 48	3 9	12 36	16 3	7 17	F 3
S 4	21 28	15 3	4 30	21 44	1 46	12 6	1 26	24 5	0 35	15 46	0 56	20 37	0 26	0 39	0 45	11 2	1 49	23 48	11 25	2 43	3 7	12 34	16 4	7 16	S 4
S 5	21 17	11 41	3 45	21 54	1 36	11 38	1 24	24 5	0 36	15 47	0 55	20 35	0 26	0 39	0 45	11 2	1 49	23 48	11 25	2 40	3 6	12 33	16 4	7 16	S 5
M 6	21 6	7 36	2 45	22 4	1 26	11 9	1 22	24 5	0 37	15 47	0 55	20 34	0 26	0 39	0 45	11 2	1 49	23 47	11 25	2 37	3 5	12 31	16 4	7 16	M 6
T 7	20 55	3 8	1 34	22 13	1 16	10 40	1 19	24 4	0 37	15 48	0 55	20 32	0 26	0 39	0 45	11 2	1 49	23 47	11 25	2 36	3 4	12 30	16 5	7 16	T 7
W 8	20 43	1s23	0 20	22 21	1 6	10 11	1 17	24 4	0 38	15 49	0 55	20 31	0 26	0 38	0 45	11 2	1 49	23 46	11 25	2 35	3 2	12 28	16 5	7 16	W 8
T 9	20 31	5 43	0n53	22 29	0 57	9 42	1 14	24 3	0 38	15 49	0 54	20 29	0 27	0 38	0 45	11 2	1 49	23 45	11 25	2 35	3 1	12 27	16 5	7 16	T 9
F 10	20 19	9 36	2 2	22 36	0 47	9 13	1 11	24 2	0 39	15 50	0 54	20 28	0 27	0 38	0 45	11 2	1 49	23 45	11 24	2 35	3 0	12 26	16 6	7 15	F 10
S 11	20 6	12 55	3 2	22 43	0 38	8 43	1 9	24 0	0 40	15 51	0 54	20 26	0 27	0 38	0 45	11 2	1 49	23 44	11 24	2 35	2 59	12 24	16 6	7 15	S 11
S 12	19 52	15 32	3 51	22 48	0 29	8 13	1 6	23 59	0 40	15 52	0 54	20 25	0 27	0 37	0 45	11 2	1 49	23 43	11 24	2 34	2 57	12 23	16 6	7 15	S 12
M13	19 39	17 20	4 28	22 52	0 20	7 43	1 3	23 57	0 41	15 53	0 53	20 24	0 27	0 37	0 45	11 3	1 49	23 43	11 24	2 32	2 56	12 21	16 7	7 15	M13
T 14	19 24	18 18	4 53	22 56	0 11	7 13	1 0	23 54	0 41	15 54	0 53	20 22	0 27	0 37	0 45	11 3	1 49	23 42	11 24	2 29	2 55	12 20	16 7	7 14	T 14
W15	19 10	18 25	5 3	22 58	0 2	6 42	0 57	23 52	0 42	15 55	0 53	20 20	0 27	0 36	0 45	11 3	1 49	23 42	11 24	2 24	2 54	12 19	16 8	7 14	W15
T 16	18 55	17 42	5 0	23 0	0s 6	6 12	0 54	23 49	0 43	15 56	0 52	20 19	0 27	0 36	0 45	11 3	1 49	23 41	11 24	2 20	2 52	12 17	16 8	7 14	T 16
F 17	18 40	16 12	4 43	23 0	0 14	5 41	0 50	23 46	0 43	15 57	0 52	20 17	0 27	0 35	0 45	11 3	1 49	23 40	11 24	2 15	2 51	12 16	16 9	7 14	F 17
S 18	18 25	14 1	4 14	22 59	0 22	5 10	0 47	23 43	0 44	15 58	0 52	20 16	0 27	0 35	0 45	11 4	1 48	23 40	11 24	2 10	2 50	12 14	16 9	7 13	S 18
S 19	18 9	11 15	3 35	22 57	0 30	4 39	0 44	23 39	0 45	16 0	0 52	20 14	0 27	0 34	0 45	11 4	1 48	23 39	11 24	2 6	2 48	12 13	16 9	7 13	S 19
M20	17 53	8 3	2 46	22 54	0 38	4 8	0 40	23 36	0 45	16 1	0 51	20 13	0 27	0 34	0 45	11 4	1 48	23 39	11 24	2 3	2 47	12 11	16 10	7 13	M20
T 21	17 36	4 31	1 49	22 49	0 45	3 37	0 37	23 32	0 46	16 2	0 51	20 11	0 27	0 33	0 45	11 4	1 48	23 38	11 24	2 1	2 46	12 10	16 10	7 12	T 21
W22	17 20	0 48	0 48	22 44	0 52	3 6	0 33	23 27	0 46	16 4	0 51	20 10	0 27	0 33	0 45	11 4	1 48	23 37	11 24	2 0	2 45	12 9	16 11	7 12	W22
T 23	17 3	2n59	0s17	22 37	0 59	2 34	0 29	23 23	0 47	16 5	0 51	20 8	0 28	0 32	0 45	11 5	1 48	23 37	11 24	2 0	2 43	12 7	16 11	7 12	T 23
F 24	16 45	6 43	1 22	22 28	1 5	2 3	0 25	23 18	0 48	16 7	0 50	20 7	0 28	0 32	0 45	11 5	1 48	23 36	11 24	2 0	2 42	12 6	16 12	7 11	F 24
S 25	16 28	10 13	2 24	22 19	1 11	1 32	0 22	23 13	0 48	16 8	0 50	20 5	0 28	0 31	0 45	11 5	1 48	23 36	11 24	2 1	2 41	12 4	16 12	7 11	S 25
S 26	16 10	13 20	3 21	22 8	1 17	1 0	0 18	23 8	0 49	16 10	0 50	20 4	0 28	0 31	0 45	11 6	1 48	23 35	11 24	2 1	2 40	12 3	16 13	7 11	S 26
M27	15 52	15 53	4 9	21 56	1 23	0 29	0 14	23 2	0 49	16 12	0 49	20 2	0 28	0 30	0 45	11 6	1 48	23 34	11 24	2 1	2 38	12 1	16 13	7 10	M27
T 28	15 33	17 37	4 45	21 42	1 28	0n 3	0 10	22 56	0 50	16 13	0 49	20 1	0 28	0 29	0 45	11 6	1 48	23 34	11 24	2 0	2 37	12 0	16 14	7 10	T 28
W29	15 15	18 22	5 5	21 27	1 33	0 34	0 5	22 50	0 50	16 15	0 49	19 59	0 28	0 29	0 45	11 7	1 48	23 33	11 24	1 58	2 36	11 58	16 14	7 9	W29
T 30	14 56	17 56	5 7	21 11	1 38	1 6	0 1	22 44	0 51	16 17	0 49	19 58	0 28	0 28	0 45	11 7	1 48	23 33	11 24	1 55	2 35	11 57	16 15	7 9	T 30
F 31	14s36	16n15	4s48	20s53	1s42	1n37	0n 3	22s37	0s52	16n19	0s48	19s56	0s28	0s27	0n46	11n 7	1s48	23s32	11s24	1s53	2s33	11s56	16n15	7s 8	F 31

Julian Day Number = 2287195.5, Delta T = 179.85 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°27'40, Lahiri = 17°34'40 Julian Calendar 1 Jan. 1550 == Greg. Calendar 11 Jan. 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

FEBRUARY 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 21 30	21♒46'00	11♌25	5♒52	5♈ 5	22♉16	17♉35	3♒21	2°R51	3♉48	26♒ 7	4°R36	6♎22	17♒36	5°R10	S 1
S 2	9 25 26	22°46'30	26°44	7°27	6°14	23° 2	17°41	3°28	2♎50	3°49	26° 8	4♎31	6°19	17°43	5♋ 8	S 2
M 3	9 29 23	23°46'59	11♍57	9° 3	7°22	23°47	17°47	3°35	2°48	3°50	26°10	4°27	6°16	17°50	5° 5	M 3
T 4	9 33 19	24°47'27	26°53	10°40	8°31	24°33	17°54	3°42	2°46	3°51	26°12	4°25	6°13	17°56	5° 3	T 4
W 5	9 37 16	25°47'53	11♎26	12°18	9°39	25°19	18° 0	3°49	2°44	3°53	26°13	4°D25	6°10	18° 3	5° 1	W 5
T 6	9 41 13	26°48'17	25°32	13°56	10°47	26° 5	18° 7	3°55	2°42	3°54	26°15	4°26	6° 6	18°10	4°59	T 6
F 7	9 45 9	27°48'40	9♏10	15°36	11°55	26°51	18°14	4° 2	2°40	3°55	26°17	4°28	6° 3	18°16	4°57	F 7
S 8	9 49 6	28°49'02	22°22	17°17	13° 2	27°37	18°21	4° 9	2°38	3°56	26°18	4°29	6° 0	18°23	4°56	S 8
S 9	9 53 2	29°49'22	5♐11	18°58	14°10	28°23	18°28	4°16	2°36	3°57	26°20	4°R29	5°57	18°30	4°54	S 9
M10	9 56 59	0♓49'41	17°41	20°41	15°17	29° 9	18°35	4°22	2°34	3°58	26°22	4°27	5°54	18°36	4°52	M10
T 11	10 0 55	1°49'59	29°56	22°25	16°24	29°56	18°43	4°29	2°32	4° 0	26°24	4°24	5°50	18°43	4°51	T 11
W12	10 4 52	2°50'15	12♉ 0	24°10	17°31	0♒42	18°50	4°36	2°30	4° 1	26°25	4°20	5°47	18°50	4°49	W12
T 13	10 8 48	3°50'29	23°56	25°55	18°37	1°28	18°58	4°42	2°28	4° 2	26°27	4°15	5°44	18°56	4°48	T 13
F 14	10 12 45	4°50'42	5♒47	27°42	19°43	2°14	19° 6	4°49	2°26	4° 3	26°29	4° 9	5°41	19° 3	4°47	F 14
S 15	10 16 42	5°50'53	17°37	29°30	20°49	3° 0	19°14	4°55	2°24	4° 5	26°30	4° 4	5°38	19°10	4°45	S 15
S 16	10 20 38	6°51'02	29°27	1♓19	21°55	3°46	19°22	5° 2	2°21	4° 6	26°32	3°59	5°35	19°16	4°44	S 16
M17	10 24 35	7°51'09	11♓18	3° 9	23° 1	4°33	19°31	5° 8	2°19	4° 8	26°34	3°56	5°31	19°23	4°43	M17
T 18	10 28 31	8°51'14	23°14	5° 0	24° 6	5°19	19°39	5°14	2°17	4° 9	26°35	3°54	5°28	19°30	4°42	T 18
W19	10 32 28	9°51'18	5♈16	6°52	25°11	6° 5	19°48	5°21	2°14	4°10	26°37	3°D54	5°25	19°36	4°41	W19
T 20	10 36 24	10°51'19	17°26	8°45	26°16	6°51	19°56	5°27	2°12	4°12	26°39	3°55	5°22	19°43	4°41	T 20
F 21	10 40 21	11°51'19	29°46	10°39	27°20	7°38	20° 5	5°33	2°10	4°13	26°40	3°56	5°19	19°50	4°40	F 21
S 22	10 44 17	12°51'16	12♉20	12°34	28°25	8°24	20°14	5°39	2° 7	4°15	26°42	3°58	5°15	19°57	4°40	S 22
S 23	10 48 14	13°51'11	25°10	14°30	29°29	9°10	20°23	5°46	2° 5	4°17	26°43	3°59	5°12	20° 3	4°39	S 23
M24	10 52 10	14°51'04	8♊21	16°27	0♉32	9°57	20°33	5°52	2° 3	4°18	26°45	4° 0	5° 9	20°10	4°39	M24
T 25	10 56 7	15°50'54	21°53	18°24	1°35	10°43	20°42	5°58	2° 0	4°20	26°47	4°R 0	5° 6	20°17	4°39	T 25
W26	11 0 4	16°50'43	5♋49	20°22	2°38	11°29	20°52	6° 4	1°58	4°21	26°48	3°59	5° 3	20°23	4°38	W26
T 27	11 4 0	17°50'29	20° 9	22°21	3°41	12°16	21° 1	6°10	1°55	4°23	26°50	3°57	5° 0	20°30	4°D38	T 27
F 28	11 7 57	18♓50'13	4♌49	24♓21	4♉43	13♒ 2	21♉11	6♒16	1♎53	4♉25	26♒51	3♎56	4♎56	20♒37	4♋38	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s17	13n25	4s 8	20s34	1s46	2n 8	0n 7	22s31	0s52	16n21	0s48	19s55	0s28	0s27	0n46	11n 8	1s48	23s31	11s24	1s50	2s32	11s54	16n16	7s 8	S 1
S 2	13 57	9 39	3 10	20 14	1 50	2 40	0 12	22 24	0 53	16 23	0 48	19 53	0 28	0 26	0 46	11 8	1 48	23 31	11 24	1 48	2 31	11 53	16 16	7 8	S 2
M 3	13 37	5 16	1 59	19 52	1 54	3 11	0 16	22 16	0 53	16 25	0 48	19 52	0 28	0 25	0 46	11 8	1 48	23 30	11 24	1 46	2 30	11 51	16 17	7 7	M 3
T 4	13 17	0 37	0 41	19 28	1 57	3 42	0 21	22 9	0 54	16 27	0 47	19 50	0 29	0 24	0 46	11 9	1 47	23 30	11 24	1 46	2 28	11 50	16 18	7 7	T 4
W 5	12 57	3s57	0n38	19 4	1 59	4 13	0 25	22 1	0 55	16 29	0 47	19 48	0 29	0 24	0 46	11 9	1 47	23 29	11 24	1 46	2 27	11 48	16 18	7 6	W 5
T 6	12 36	8 9	1 53	18 37	2 2	4 44	0 30	21 53	0 55	16 31	0 47	19 47	0 29	0 23	0 46	11 10	1 47	23 29	11 24	1 46	2 26	11 47	16 19	7 6	T 6
F 7	12 16	11 46	2 58	18 10	2 4	5 15	0 34	21 45	0 56	16 33	0 47	19 45	0 29	0 22	0 46	11 10	1 47	23 28	11 24	1 47	2 25	11 45	16 19	7 5	F 7
S 8	11 55	14 40	3 52	17 41	2 5	5 46	0 39	21 36	0 56	16 35	0 46	19 44	0 29	0 21	0 46	11 11	1 47	23 28	11 24	1 47	2 23	11 44	16 20	7 5	S 8
S 9	11 34	16 45	4 33	17 10	2 6	6 16	0 44	21 27	0 57	16 37	0 46	19 42	0 29	0 20	0 46	11 11	1 47	23 27	11 24	1 47	2 22	11 42	16 20	7 4	S 9
M10	11 12	17 58	4 59	16 38	2 7	6 47	0 49	21 18	0 57	16 40	0 46	19 41	0 29	0 20	0 46	11 12	1 47	23 26	11 24	1 47	2 21	11 41	16 21	7 4	M10
T 11	10 51	18 18	5 11	16 5	2 7	7 17	0 53	21 9	0 58	16 42	0 46	19 39	0 29	0 19	0 46	11 12	1 47	23 26	11 24	1 45	2 20	11 40	16 21	7 3	T 11
W12	10 29	17 49	5 9	15 30	2 7	7 47	0 58	21 0	0 58	16 44	0 46	19 38	0 29	0 18	0 46	11 12	1 47	23 25	11 24	1 44	2 18	11 38	16 22	7 3	W12
T 13	10 7	16 32	4 54	14 54	2 7	8 17	1 3	20 50	0 59	16 47	0 45	19 36	0 29	0 17	0 46	11 13	1 47	23 25	11 24	1 42	2 17	11 37	16 23	7 2	T 13
F 14	9 45	14 34	4 26	14 16	2 6	8 47	1 8	20 40	0 59	16 49	0 45	19 35	0 29	0 16	0 46	11 13	1 47	23 24	11 24	1 39	2 16	11 35	16 23	7 2	F 14
S 15	9 23	11 59	3 47	13 37	2 4	9 16	1 13	20 30	1 0	16 51	0 45	19 33	0 30	0 15	0 46	11 14	1 47	23 24	11 25	1 37	2 14	11 34	16 24	7 1	S 15
S 16	9 1	8 55	2 58	12 56	2 2	9 46	1 18	20 20	1 1	16 54	0 45	19 32	0 30	0 14	0 46	11 14	1 47	23 23	11 25	1 35	2 13	11 32	16 24	7 1	S 16
M17	8 39	5 28	2 1	12 14	2 0	10 15	1 23	20 9	1 1	16 56	0 44	19 31	0 30	0 13	0 46	11 15	1 47	23 23	11 25	1 34	2 12	11 31	16 25	7 0	M17
T 18	8 16	1 48	0 58	11 31	1 57	10 44	1 28	19 59	1 2	16 59	0 44	19 29	0 30	0 12	0 46	11 16	1 47	23 22	11 25	1 33	2 11	11 29	16 25	7 0	T 18
W19	7 54	1n59	0s 8	10 46	1 53	11 13	1 33	19 48	1 2	17 1	0 44	19 28	0 30	0 12	0 46	11 16	1 47	23 22	11 25	1 33	2 9	11 28	16 26	6 59	W19
T 20	7 31	5 43	1 14	10 0	1 49	11 41	1 38	19 37	1 3	17 4	0 44	19 26	0 30	0 11	0 46	11 17	1 47	23 21	11 25	1 33	2 8	11 26	16 27	6 58	T 20
F 21	7 8	9 16	2 18	9 13	1 45	12 9	1 43	19 25	1 3	17 6	0 44	19 25	0 30	0 10	0 46	11 17	1 47	23 21	11 25	1 34	2 7	11 25	16 27	6 58	F 21
S 22	6 45	12 27	3 17	8 24	1 40	12 37	1 48	19 14	1 4	17 9	0 43	19 23	0 30	0 9	0 46	11 18	1 46	23 20	11 25	1 35	2 6	11 23	16 28	6 57	S 22
S 23	6 22	15 7	4 7	7 34	1 34	13 5	1 53	19 2	1 4	17 12	0 43	19 22	0 30	0 8	0 46	11 18	1 46	23 20	11 25	1 35	2 4	11 22	16 28	6 57	S 23
M24	5 59	17 3	4 45	6 43	1 28	13 32	1 59	18 50	1 5	17 14	0 43	19 21	0 30	0 7	0 46	11 19	1 46	23 19	11 26	1 36	2 3	11 20	16 29	6 56	M24
T 25	5 36	18 6	5 9	5 50	1 21	13 59	2 4	18 38	1 5	17 17	0 43	19 19	0 31	0 6	0 46	11 19	1 46	23 19	11 26	1 36	2 2	11 19	16 29	6 56	T 25
W26	5 12	18 6	5 16	4 57	1 14	14 26	2 9	18 26	1 6	17 20	0 42	19 18	0 31	0 5	0 46	11 20	1 46	23 19	11 26	1 35	2 1	11 17	16 30	6 55	W26
T 27	4 49	16 58	5 4	4 3	1 6	14 52	2 14	18 13	1 6	17 22	0 42	19 16	0 31	0 4	0 46	11 21	1 46	23 18	11 26	1 35	1 59	11 16	16 31	6 55	T 27
F 28	4s26	14n42	4s32	3s 8	0s57	15n18	2n19	18s 0	1s 7	17n25	0s42	19s15	0s31	0s 3	0n46	11n21	1s46	23s18	11s26	1s34	1s58	11s14	16n31	6s54	F 28

Julian Day Number = 2287226.5, Delta T = 179.67 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°27'44, Lahiri = 17°34'44 Julian Calendar 1 Feb. 1550 == Greg. Calendar 11 Feb. 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

MARCH 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 11 53	19♓49'54	19♌45	26♓20	5♉45	13♒48	21♉21	6♒21	1°R50	4♉26	26♒53	3°R54	4♎53	20♒43	4♋38	S 1
S 2	11 15 50	20°49'33	4♍50	28°19	6°46	14°35	21°31	6°27	1♎48	4°28	26°55	3♎52	4°50	20°50	4°39	S 2
M 3	11 19 46	21°49'11	19°54	0♈19	7°48	15°21	21°41	6°33	1°45	4°30	26°56	3°51	4°47	20°57	4°39	M 3
T 4	11 23 43	22°48'46	4♎48	2°17	8°48	16° 8	21°51	6°39	1°43	4°32	26°58	3°D51	4°44	21° 3	4°39	T 4
W 5	11 27 39	23°48'19	19°25	4°15	9°49	16°54	22° 1	6°44	1°40	4°34	26°59	3°51	4°41	21°10	4°40	W 5
T 6	11 31 36	24°47'50	3♏39	6°12	10°48	17°40	22°12	6°50	1°37	4°35	27° 1	3°52	4°37	21°17	4°40	T 6
F 7	11 35 33	25°47'19	17°27	8° 7	11°48	18°27	22°22	6°55	1°35	4°37	27° 2	3°53	4°34	21°23	4°41	F 7
S 8	11 39 29	26°46'47	0♐48	10° 0	12°47	19°13	22°33	7° 1	1°32	4°39	27° 4	3°54	4°31	21°30	4°42	S 8
S 9	11 43 26	27°46'13	13°45	11°50	13°45	20° 0	22°43	7° 6	1°30	4°41	27° 5	3°54	4°28	21°37	4°43	S 9
M10	11 47 22	28°45'37	26°19	13°38	14°44	20°46	22°54	7°12	1°27	4°43	27° 7	3°R54	4°25	21°43	4°44	M10
T 11	11 51 19	29°44'59	8♑36	15°23	15°41	21°33	23° 5	7°17	1°24	4°45	27° 8	3°54	4°21	21°50	4°45	T 11
W12	11 55 15	0♈44'20	20°40	17° 4	16°38	22°19	23°16	7°22	1°22	4°47	27°10	3°54	4°18	21°57	4°46	W12
T 13	11 59 12	1°43'38	2♒34	18°41	17°35	23° 6	23°27	7°27	1°19	4°49	27°11	3°54	4°15	22° 3	4°47	T 13
F 14	12 3 8	2°42'55	14°24	20°13	18°31	23°52	23°38	7°32	1°17	4°51	27°13	3°53	4°12	22°10	4°49	F 14
S 15	12 7 5	3°42'10	26°13	21°41	19°26	24°38	23°49	7°37	1°14	4°53	27°14	3°D53	4° 9	22°17	4°50	S 15
S 16	12 11 2	4°41'23	8♓ 4	23° 4	20°21	25°25	24° 1	7°42	1°11	4°55	27°15	3°53	4° 6	22°24	4°52	S 16
M17	12 14 58	5°40'34	20° 1	24°21	21°15	26°11	24°12	7°47	1° 9	4°57	27°17	3°54	4° 2	22°30	4°53	M17
T 18	12 18 55	6°39'43	2♈ 5	25°32	22° 9	26°58	24°24	7°52	1° 6	4°59	27°18	3°R54	3°59	22°37	4°55	T 18
W19	12 22 51	7°38'50	14°19	26°38	23° 2	27°44	24°35	7°57	1° 4	5° 1	27°20	3°54	3°56	22°44	4°57	W19
T 20	12 26 48	8°37'55	26°44	27°37	23°55	28°31	24°47	8° 1	1° 1	5° 3	27°21	3°53	3°53	22°50	4°59	T 20
F 21	12 30 44	9°36'58	9♉22	28°30	24°46	29°17	24°59	8° 6	0°59	5° 5	27°22	3°53	3°50	22°57	5° 0	F 21
S 22	12 34 41	10°35'58	22°12	29°16	25°37	0♓ 4	25°10	8°10	0°56	5° 7	27°24	3°52	3°47	23° 4	5° 3	S 22
S 23	12 38 37	11°34'57	5♊17	29°56	26°28	0°50	25°22	8°15	0°53	5° 9	27°25	3°51	3°43	23°10	5° 5	S 23
M24	12 42 34	12°33'53	18°37	0♉30	27°17	1°37	25°34	8°19	0°51	5°11	27°26	3°50	3°40	23°17	5° 7	M24
T 25	12 46 30	13°32'47	2♋13	0°56	28° 6	2°23	25°46	8°24	0°48	5°13	27°27	3°50	3°37	23°24	5° 9	T 25
W26	12 50 27	14°31'39	16° 5	1°16	28°54	3° 9	25°58	8°28	0°46	5°15	27°29	3°D49	3°34	23°30	5°12	W26
T 27	12 54 24	15°30'28	0♌12	1°29	29°41	3°56	26°11	8°32	0°43	5°17	27°30	3°50	3°31	23°37	5°14	T 27
F 28	12 58 20	16°29'15	14°33	1°36	0♊27	4°42	26°23	8°36	0°41	5°20	27°31	3°50	3°27	23°44	5°17	F 28
S 29	13 2 17	17°27'59	29° 6	1°R37	1°12	5°29	26°35	8°40	0°38	5°22	27°32	3°51	3°24	23°50	5°19	S 29
S 30	13 6 13	18°26'41	13♍45	1°31	1°56	6°15	26°48	8°44	0°36	5°24	27°33	3°52	3°21	23°57	5°22	S 30
M31	13 10 10	19♈25'22	28♍26	1♉19	2♊39	7♓ 1	27♉ 0	8♒48	0♎34	5♉26	27♒35	3°R53	3♎18	24♒ 4	5♋25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 2	11n26	3s41	2s12	0s48	15n44	2n24	17s47	1s 7	17n28	0s42	19s14	0s31	0s 2	0n46	11n22	1s46	23s17	11s26	1s33	1s57	11s13	16n32	6s53
S 2	3 39	7 22	2 34	1 16	0 39	16 9	2 29	17 34	1 7	17 31	0 42	19 12	0 31	0 1	0 46	11 22	1 46	23 17	11 26	1 33	1 56	11 11	16 32	6 53
M 3	3 15	2 50	1 17	0 19	0 29	16 34	2 34	17 21	1 8	17 34	0 41	19 11	0 31	0n 0	0 46	11 23	1 46	23 16	11 27	1 32	1 54	11 10	16 33	6 52
T 4	2 52	1s50	0n 5	0n38	0 18	16 59	2 39	17 8	1 8	17 36	0 41	19 10	0 31	0 1	0 46	11 24	1 46	23 16	11 27	1 32	1 53	11 8	16 33	6 52
W 5	2 28	6 18	1 25	1 35	0 7	17 23	2 44	16 54	1 9	17 39	0 41	19 8	0 31	0 2	0 46	11 24	1 46	23 16	11 27	1 32	1 52	11 7	16 34	6 51
T 6	2 4	10 17	2 38	2 32	0n 4	17 47	2 50	16 40	1 9	17 42	0 41	19 7	0 31	0 3	0 46	11 25	1 46	23 15	11 27	1 32	1 50	11 5	16 34	6 51
F 7	1 41	13 34	3 39	3 28	0 16	18 11	2 55	16 26	1 10	17 45	0 41	19 6	0 32	0 4	0 46	11 26	1 46	23 15	11 27	1 33	1 49	11 4	16 35	6 50
S 8	1 17	16 1	4 26	4 24	0 28	18 34	3 0	16 12	1 10	17 48	0 41	19 4	0 32	0 5	0 46	11 26	1 46	23 15	11 27	1 33	1 48	11 2	16 36	6 49
S 9	0 53	17 34	4 58	5 18	0 40	18 56	3 5	15 58	1 11	17 51	0 40	19 3	0 32	0 6	0 46	11 27	1 46	23 14	11 28	1 33	1 47	11 1	16 36	6 49
M10	0 30	18 12	5 15	6 12	0 52	19 18	3 9	15 43	1 11	17 54	0 40	19 2	0 32	0 8	0 46	11 28	1 46	23 14	11 28	1 33	1 45	10 59	16 37	6 48
T 11	0 6	17 57	5 17	7 4	1 4	19 40	3 14	15 29	1 11	17 57	0 40	19 1	0 32	0 9	0 46	11 28	1 46	23 13	11 28	1 33	1 44	10 58	16 37	6 48
W12	0n18	16 53	5 4	7 54	1 17	20 2	3 19	15 14	1 12	17 59	0 40	18 59	0 32	0 10	0 46	11 29	1 46	23 13	11 28	1 33	1 43	10 56	16 38	6 47
T 13	0 41	15 6	4 39	8 42	1 29	20 22	3 24	14 59	1 12	18 2	0 40	18 58	0 32	0 11	0 46	11 30	1 46	23 13	11 28	1 33	1 42	10 55	16 38	6 46
F 14	1 5	12 42	4 2	9 28	1 40	20 43	3 29	14 44	1 13	18 5	0 39	18 57	0 32	0 12	0 46	11 30	1 46	23 12	11 29	1 33	1 40	10 53	16 39	6 46
S 15	1 29	9 46	3 15	10 12	1 52	21 3	3 33	14 29	1 13	18 8	0 39	18 56	0 33	0 13	0 46	11 31	1 46	23 12	11 29	1 33	1 39	10 52	16 39	6 45
S 16	1 52	6 25	2 19	10 53	2 3	21 23	3 38	14 14	1 13	18 11	0 39	18 55	0 33	0 14	0 46	11 32	1 46	23 12	11 29	1 33	1 38	10 50	16 40	6 45
M17	2 16	2 48	1 16	11 31	2 13	21 42	3 43	13 58	1 14	18 14	0 39	18 54	0 33	0 15	0 46	11 32	1 46	23 12	11 29	1 33	1 37	10 49	16 40	6 44
T 18	2 39	0n59	0 10	12 7	2 23	22 0	3 47	13 43	1 14	18 17	0 39	18 52	0 33	0 16	0 46	11 33	1 46	23 11	11 29	1 33	1 35	10 47	16 41	6 44
W19	3 2	4 46	0s58	12 39	2 32	22 18	3 51	13 27	1 14	18 20	0 39	18 51	0 33	0 17	0 46	11 34	1 46	23 11	11 30	1 33	1 34	10 46	16 41	6 43
T 20	3 26	8 25	2 4	13 9	2 40	22 36	3 56	13 11	1 15	18 23	0 38	18 50	0 33	0 18	0 46	11 35	1 46	23 11	11 30	1 33	1 33	10 44	16 42	6 42
F 21	3 49	11 44	3 5	13 35	2 48	22 53	4 0	12 55	1 15	18 26	0 38	18 49	0 33	0 19	0 46	11 35	1 45	23 10	11 30	1 33	1 32	10 43	16 42	6 42
S 22	4 12	14 32	3 57	13 57	2 54	23 10	4 4	12 39	1 15	18 29	0 38	18 48	0 33	0 20	0 46	11 36	1 45	23 10	11 30	1 32	1 30	10 41	16 43	6 41
S 23	4 35	16 40	4 39	14 17	3 0	23 26	4 8	12 23	1 16	18 32	0 38	18 47	0 33	0 21	0 46	11 37	1 45	23 10	11 31	1 32	1 29	10 40	16 43	6 41
M24	4 59	17 55	5 6	14 32	3 4	23 41	4 12	12 7	1 16	18 35	0 38	18 46	0 34	0 22	0 46	11 37	1 45	23 10	11 31	1 32	1 28	10 38	16 44	6 40
T 25	5 21	18 12	5 17	14 45	3 7	23 56	4 16	11 50	1 16	18 38	0 38	18 45	0 34	0 23	0 46	11 38	1 45	23 10	11 31	1 31	1 26	10 37	16 44	6 40
W26	5 44	17 24	5 10	14 53	3 9	24 11	4 20	11 34	1 17	18 41	0 37	18 44	0 34	0 24	0 46	11 39	1 45	23 9	11 31	1 31	1 25	10 35	16 45	6 39
T 27	6 7	15 31	4 44	14 59	3 9	24 25	4 24	11 17	1 17	18 44	0 37	18 43	0 34	0 25	0 46	11 40	1 45	23 9	11 32	1 32	1 24	10 33	16 45	6 39
F 28	6 30	12 40	4 1	15 0	3 8	24 39	4 27	11 0	1 17	18 47	0 37	18 42	0 34	0 26	0 46	11 40	1 45	23 9	11 32	1 32	1 23	10 32	16 46	6 38
S 29	6 52	8 59	3 1	14 58	3 6	24 52	4 31	10 44	1 18	18 50	0 37	18 41	0 34	0 27	0 46	11 41	1 45	23 9	11 32	1 32	1 21	10 30	16 46	6 37
S 30	7 15	4 43	1 49	14 53	3 2	25 4	4 34	10 27	1 18	18 53	0 37	18 40	0 34	0 28	0 46	11 42	1 45	23 9	11 32	1 33	1 20	10 29	16 47	6 37
M31	7n37	0n10	0s30	14n44	2n57	25n16	4n37	10s10	1s18	18n56	0s37	18s39	0s34	0n29	0n46	11n43	1s45	23s 8	11s33	1s33	1s19	10s27	16n47	6s36

Julian Day Number = 2287254.5, Delta T = 179.50 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°27'48, Lahiri = 17°34'48 Julian Calendar 1 March 1550 == Greg. Calendar 11 March 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

APRIL 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 6	20♈24'00	13♎ 2	1°R 2	3♊22	7♓48	27♉13	8♒51	0°R31	5♉28	27♒36	3°R53	3♎15	24♒10	5♋28	T 1
W 2	13 18 3	21°22'36	27°26	0♉40	4° 3	8°34	27°25	8°55	0♎29	5°30	27°37	3♎52	3°12	24°17	5°31	W 2
T 3	13 21 59	22°21'10	11♏34	0°13	4°43	9°20	27°38	8°59	0°26	5°33	27°38	3°50	3° 8	24°24	5°34	T 3
F 4	13 25 56	23°19'42	25°21	29♈42	5°21	10° 7	27°50	9° 2	0°24	5°35	27°39	3°48	3° 5	24°30	5°37	F 4
S 5	13 29 53	24°18'13	8♐45	29° 7	5°59	10°53	28° 3	9° 6	0°22	5°37	27°40	3°45	3° 2	24°37	5°40	S 5
S 6	13 33 49	25°16'42	21°46	28°30	6°35	11°39	28°16	9° 9	0°20	5°39	27°41	3°42	2°59	24°44	5°44	S 6
M 7	13 37 46	26°15'09	4♑25	27°51	7°10	12°25	28°29	9°12	0°17	5°42	27°42	3°39	2°56	24°50	5°47	M 7
T 8	13 41 42	27°13'34	16°45	27°10	7°44	13°12	28°42	9°15	0°15	5°44	27°43	3°38	2°52	24°57	5°51	T 8
W 9	13 45 39	28°11'58	28°51	26°29	8°16	13°58	28°55	9°18	0°13	5°46	27°44	3°D37	2°49	25° 4	5°54	W 9
T 10	13 49 35	29°10'21	10♒46	25°49	8°47	14°44	29° 8	9°21	0°11	5°48	27°45	3°38	2°46	25°10	5°58	T 10
F 11	13 53 32	0♉ 8'41	22°36	25° 9	9°16	15°30	29°21	9°24	0° 9	5°51	27°46	3°39	2°43	25°17	6° 1	F 11
S 12	13 57 28	1° 7'00	4♓26	24°31	9°44	16°17	29°34	9°27	0° 6	5°53	27°47	3°41	2°40	25°24	6° 5	S 12
S 13	14 1 25	2° 5'18	16°20	23°55	10°10	17° 3	29°47	9°30	0° 4	5°55	27°48	3°43	2°37	25°30	6° 9	S 13
M14	14 5 22	3° 3'34	28°22	23°22	10°35	17°49	0♊ 0	9°32	0° 2	5°57	27°49	3°R44	2°33	25°37	6°13	M14
T 15	14 9 18	4° 1'48	10♈35	22°52	10°58	18°35	0°13	9°35	0° 0	6° 0	27°50	3°44	2°30	25°44	6°17	T 15
W16	14 13 15	5° 0'01	23° 3	22°26	11°19	19°21	0°27	9°37	29♍58	6° 2	27°50	3°42	2°27	25°50	6°21	W16
T 17	14 17 11	5°58'12	5♉45	22° 4	11°38	20° 7	0°40	9°40	29°56	6° 4	27°51	3°39	2°24	25°57	6°25	T 17
F 18	14 21 8	6°56'21	18°44	21°46	11°55	20°53	0°53	9°42	29°54	6° 6	27°52	3°35	2°21	26° 4	6°29	F 18
S 19	14 25 4	7°54'28	1♊58	21°33	12°10	21°39	1° 7	9°44	29°53	6° 9	27°53	3°29	2°18	26°10	6°34	S 19
S 20	14 29 1	8°52'34	15°26	21°25	12°24	22°25	1°20	9°46	29°51	6°11	27°53	3°24	2°14	26°17	6°38	S 20
M21	14 32 57	9°50'38	29° 6	21°D21	12°35	23°11	1°34	9°48	29°49	6°13	27°54	3°18	2°11	26°24	6°42	M21
T 22	14 36 54	10°48'40	12♋57	21°22	12°44	23°57	1°47	9°50	29°47	6°15	27°55	3°14	2° 8	26°31	6°47	T 22
W23	14 40 51	11°46'40	26°56	21°27	12°51	24°43	2° 1	9°52	29°45	6°18	27°55	3°12	2° 5	26°37	6°51	W23
T 24	14 44 47	12°44'39	11♌ 2	21°37	12°55	25°29	2°14	9°54	29°44	6°20	27°56	3°D11	2° 2	26°44	6°56	T 24
F 25	14 48 44	13°42'35	25°12	21°52	12°R57	26°15	2°28	9°55	29°42	6°22	27°57	3°11	1°58	26°51	7° 1	F 25
S 26	14 52 40	14°40'29	9♍26	22°12	12°57	27° 0	2°41	9°57	29°40	6°24	27°57	3°12	1°55	26°57	7° 5	S 26
S 27	14 56 37	15°38'22	23°41	22°35	12°54	27°46	2°55	9°58	29°39	6°27	27°58	3°14	1°52	27° 4	7°10	S 27
M28	15 0 33	16°36'12	7♎55	23° 3	12°49	28°32	3° 9	9°59	29°37	6°29	27°58	3°R14	1°49	27°11	7°15	M28
T 29	15 4 30	17°34'01	22° 5	23°35	12°42	29°17	3°22	10° 1	29°36	6°31	27°59	3°12	1°46	27°17	7°20	T 29
W30	15 8 26	18♉31'49	6♏ 6	24♈11	12♊32	0♈ 3	3♊36	10♒ 2	29♍34	6♉33	27♒59	3♎ 9	1♎43	27♒24	7♋25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n59	4s23	0n50	14n31	2n51	25n27	4n40	9s53	1s18	18n59	0s36	18s39	0s35	0n30	0n46	11n43	1s45	23s 8	11s33	1s33	1s18	10s26	16n47	6s36
W 2	8 21	8 37	2 7	14 16	2 43	25 38	4 43	9 36	1 19	19 2	0 36	18 38	0 35	0 31	0 46	11 44	1 45	23 8	11 33	1 32	1 16	10 24	16 48	6 35
T 3	8 43	12 16	3 14	13 57	2 33	25 48	4 46	9 18	1 19	19 5	0 36	18 37	0 35	0 31	0 46	11 45	1 45	23 8	11 34	1 32	1 15	10 23	16 48	6 35
F 4	9 5	15 9	4 7	13 36	2 22	25 58	4 48	9 1	1 19	19 8	0 36	18 36	0 35	0 32	0 46	11 46	1 45	23 8	11 34	1 31	1 14	10 21	16 49	6 34
S 5	9 27	17 6	4 46	13 13	2 10	26 7	4 51	8 44	1 19	19 11	0 36	18 35	0 35	0 33	0 46	11 46	1 45	23 8	11 34	1 29	1 13	10 20	16 49	6 34
S 6	9 48	18 6	5 8	12 47	1 57	26 16	4 53	8 26	1 20	19 14	0 36	18 35	0 35	0 34	0 46	11 47	1 45	23 8	11 34	1 28	1 11	10 18	16 49	6 33
M 7	10 9	18 10	5 15	12 20	1 42	26 24	4 55	8 9	1 20	19 17	0 36	18 34	0 35	0 35	0 46	11 48	1 45	23 8	11 35	1 27	1 10	10 16	16 50	6 33
T 8	10 31	17 22	5 7	11 51	1 27	26 31	4 56	7 51	1 20	19 20	0 35	18 33	0 36	0 36	0 46	11 49	1 45	23 7	11 35	1 27	1 9	10 15	16 50	6 32
W 9	10 52	15 47	4 45	11 21	1 11	26 38	4 58	7 33	1 20	19 23	0 35	18 32	0 36	0 37	0 46	11 49	1 45	23 7	11 35	1 27	1 7	10 13	16 50	6 32
T 10	11 12	13 32	4 12	10 51	0 55	26 44	4 59	7 16	1 21	19 26	0 35	18 32	0 36	0 38	0 46	11 50	1 45	23 7	11 36	1 27	1 6	10 12	16 51	6 31
F 11	11 33	10 45	3 27	10 21	0 38	26 50	5 0	6 58	1 21	19 29	0 35	18 31	0 36	0 38	0 46	11 51	1 45	23 7	11 36	1 27	1 5	10 10	16 51	6 31
S 12	11 53	7 31	2 34	9 51	0 21	26 55	5 1	6 40	1 21	19 32	0 35	18 31	0 36	0 39	0 46	11 52	1 45	23 7	11 36	1 28	1 4	10 9	16 51	6 30
S 13	12 14	3 58	1 34	9 22	0 4	27 0	5 1	6 22	1 21	19 35	0 35	18 30	0 36	0 40	0 46	11 52	1 45	23 7	11 36	1 29	1 2	10 7	16 52	6 30
M14	12 34	0 12	0 29	8 54	0s13	27 4	5 2	6 4	1 21	19 38	0 35	18 29	0 36	0 41	0 46	11 53	1 45	23 7	11 37	1 29	1 1	10 6	16 52	6 29
T 15	12 53	3n37	0s38	8 27	0 30	27 7	5 2	5 46	1 21	19 41	0 35	18 29	0 36	0 42	0 45	11 54	1 45	23 7	11 37	1 29	1 0	10 4	16 52	6 29
W16	13 13	7 22	1 44	8 2	0 46	27 10	5 1	5 28	1 22	19 44	0 34	18 28	0 37	0 42	0 45	11 55	1 45	23 7	11 37	1 29	0 59	10 2	16 53	6 28
T 17	13 33	10 51	2 46	7 39	1 2	27 12	5 1	5 10	1 22	19 47	0 34	18 28	0 37	0 43	0 45	11 55	1 45	23 7	11 38	1 27	0 57	10 1	16 53	6 28
F 18	13 52	13 53	3 41	7 19	1 17	27 13	4 59	4 52	1 22	19 50	0 34	18 27	0 37	0 44	0 45	11 56	1 45	23 7	11 38	1 26	0 56	9 59	16 53	6 27
S 19	14 11	16 16	4 26	7 1	1 31	27 14	4 58	4 34	1 22	19 52	0 34	18 27	0 37	0 45	0 45	11 57	1 45	23 7	11 38	1 23	0 55	9 58	16 53	6 27
S 20	14 29	17 47	4 56	6 45	1 45	27 14	4 56	4 16	1 22	19 55	0 34	18 26	0 37	0 45	0 45	11 58	1 45	23 7	11 39	1 21	0 54	9 56	16 54	6 27
M21	14 48	18 19	5 10	6 31	1 58	27 13	4 54	3 58	1 22	19 58	0 34	18 26	0 37	0 46	0 45	11 58	1 45	23 7	11 39	1 19	0 52	9 55	16 54	6 26
T 22	15 6	17 47	5 7	6 21	2 10	27 12	4 52	3 40	1 22	20 1	0 34	18 26	0 37	0 47	0 45	11 59	1 45	23 7	11 39	1 17	0 51	9 53	16 54	6 26
W23	15 24	16 9	4 45	6 13	2 21	27 10	4 49	3 22	1 22	20 4	0 34	18 25	0 38	0 47	0 45	12 0	1 45	23 7	11 40	1 16	0 50	9 51	16 54	6 25
T 24	15 42	13 33	4 6	6 7	2 31	27 7	4 45	3 4	1 22	20 7	0 33	18 25	0 38	0 48	0 45	12 0	1 45	23 7	11 40	1 16	0 48	9 50	16 54	6 25
F 25	15 59	10 8	3 12	6 4	2 40	27 3	4 41	2 45	1 22	20 9	0 33	18 25	0 38	0 49	0 45	12 1	1 45	23 7	11 40	1 16	0 47	9 48	16 55	6 24
S 26	16 17	6 7	2 6	6 4	2 48	26 59	4 37	2 27	1 23	20 12	0 33	18 24	0 38	0 49	0 45	12 2	1 45	23 8	11 41	1 17	0 46	9 47	16 55	6 24
S 27	16 34	1 43	0 52	6 6	2 55	26 54	4 32	2 9	1 23	20 15	0 33	18 24	0 38	0 50	0 45	12 3	1 45	23 8	11 41	1 17	0 45	9 45	16 55	6 24
M28	16 50	2s46	0n25	6 10	3 2	26 48	4 27	1 51	1 23	20 18	0 33	18 24	0 38	0 50	0 45	12 3	1 45	23 8	11 41	1 17	0 43	9 44	16 55	6 23
T 29	17 7	7 4	1 40	6 17	3 7	26 41	4 21	1 33	1 23	20 20	0 33	18 24	0 38	0 51	0 45	12 4	1 45	23 8	11 42	1 17	0 42	9 42	16 55	6 23
W30	17n23	10s56	2n48	6n25	3s12	26n34	4n15	1s15	1s23	20n23	0s33	18s24	0s39	0n51	0n45	12n 5	1s45	23s 8	11s42	1s15	0s41	9s40	16n55	6s23

Julian Day Number = 2287285.5, Delta T = 179.32 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°27'52, Lahiri = 17°34'52 Julian Calendar 1 Apr. 1550 == Greg. Calendar 11 Apr. 1550

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1550
geocentric

MAY 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 12 23	19♉29'35	19♏56	24♈51	12°R20	0♈49	3♊50	10♒ 3	29°R33	6♉35	28♒ 0	3°R 3	1♎39	27♒31	7♋30	T 1
F 2	15 16 19	20°27'19	3♐30	25°35	12♊ 5	1°34	4° 3	10° 4	29♍32	6°38	28° 0	2♎56	1°36	27°37	7°35	F 2
S 3	15 20 16	21°25'03	16°46	26°22	11°48	2°20	4°17	10° 4	29°30	6°40	28° 1	2°48	1°33	27°44	7°40	S 3
S 4	15 24 13	22°22'45	29°42	27°13	11°28	3° 5	4°31	10° 5	29°29	6°42	28° 1	2°40	1°30	27°51	7°45	S 4
M 5	15 28 9	23°20'26	12♑20	28° 7	11° 6	3°51	4°45	10° 6	29°28	6°44	28° 2	2°32	1°27	27°57	7°50	M 5
T 6	15 32 6	24°18'05	24°40	29° 4	10°42	4°36	4°59	10° 6	29°27	6°46	28° 2	2°26	1°24	28° 4	7°56	T 6
W 7	15 36 2	25°15'44	6♒46	0♉ 5	10°16	5°22	5°12	10° 7	29°26	6°49	28° 2	2°22	1°20	28°11	8° 1	W 7
T 8	15 39 59	26°13'22	18°42	1° 9	9°48	6° 7	5°26	10° 7	29°25	6°51	28° 3	2°20	1°17	28°17	8° 6	T 8
F 9	15 43 55	27°10'58	0♓32	2°16	9°18	6°52	5°40	10° 7	29°24	6°53	28° 3	2°D20	1°14	28°24	8°12	F 9
S 10	15 47 52	28° 8'34	12°22	3°25	8°47	7°37	5°54	10° 7	29°23	6°55	28° 3	2°21	1°11	28°31	8°17	S 10
S 11	15 51 48	29° 6'08	24°18	4°38	8°14	8°23	6° 8	10°R 8	29°22	6°57	28° 3	2°22	1° 8	28°37	8°23	S 11
M12	15 55 45	0♊ 3'42	6♈23	5°53	7°40	9° 8	6°22	10° 7	29°21	6°59	28° 3	2°R22	1° 4	28°44	8°28	M12
T 13	15 59 42	1° 1'15	18°43	7°11	7° 4	9°53	6°36	10° 7	29°20	7° 1	28° 4	2°21	1° 1	28°51	8°34	T 13
W14	16 3 38	1°58'47	1♉21	8°32	6°28	10°38	6°50	10° 7	29°19	7° 4	28° 4	2°17	0°58	28°57	8°40	W14
T 15	16 7 35	2°56'18	14°19	9°56	5°51	11°23	7° 3	10° 7	29°19	7° 6	28° 4	2°11	0°55	29° 4	8°45	T 15
F 16	16 11 31	3°53'48	27°37	11°22	5°13	12° 8	7°17	10° 6	29°18	7° 8	28° 4	2° 3	0°52	29°11	8°51	F 16
S 17	16 15 28	4°51'17	11♊15	12°51	4°36	12°53	7°31	10° 6	29°17	7°10	28° 4	1°53	0°49	29°17	8°57	S 17
S 18	16 19 24	5°48'45	25°10	14°22	3°58	13°38	7°45	10° 5	29°17	7°12	28° 4	1°43	0°45	29°24	9° 3	S 18
M19	16 23 21	6°46'12	9♋16	15°56	3°21	14°23	7°59	10° 4	29°16	7°14	28° 4	1°33	0°42	29°31	9° 9	M19
T 20	16 27 18	7°43'38	23°30	17°33	2°44	15° 7	8°13	10° 4	29°16	7°16	28°R 4	1°25	0°39	29°37	9°15	T 20
W21	16 31 14	8°41'03	7♌46	19°12	2° 8	15°52	8°27	10° 3	29°15	7°18	28° 4	1°20	0°36	29°44	9°21	W21
T 22	16 35 11	9°38'26	22° 2	20°54	1°33	16°37	8°41	10° 2	29°15	7°20	28° 4	1°16	0°33	29°51	9°27	T 22
F 23	16 39 7	10°35'49	6♍13	22°38	0°59	17°21	8°55	10° 0	29°15	7°22	28° 4	1°D15	0°29	29°57	9°33	F 23
S 24	16 43 4	11°33'10	20°19	24°25	0°27	18° 6	9° 9	9°59	29°15	7°24	28° 4	1°15	0°26	0♓ 4	9°39	S 24
S 25	16 47 0	12°30'30	4♎19	26°15	29♉56	18°50	9°23	9°58	29°14	7°26	28° 4	1°R16	0°23	0°11	9°45	S 25
M26	16 50 57	13°27'49	18°12	28° 6	29°26	19°35	9°37	9°57	29°14	7°28	28° 4	1°15	0°20	0°17	9°51	M26
T 27	16 54 53	14°25'07	1♏57	0♊ 1	28°59	20°19	9°50	9°55	29°14	7°29	28° 4	1°11	0°17	0°24	9°57	T 27
W28	16 58 50	15°22'25	15°33	1°57	28°34	21° 3	10° 4	9°54	29°D14	7°31	28° 3	1° 6	0°14	0°31	10° 3	W28
T 29	17 2 46	16°19'41	28°59	3°56	28°10	21°47	10°18	9°52	29°14	7°33	28° 3	0°57	0°10	0°37	10°10	T 29
F 30	17 6 43	17°16'57	12♐13	5°57	27°49	22°32	10°32	9°50	29°14	7°35	28° 3	0°46	0° 7	0°44	10°16	F 30
S 31	17 10 40	18♊14'12	25♐12	8♊ 0	27♉30	23♈16	10♊46	9♒48	29♍14	7♉37	28♒ 3	0♎34	0♎ 4	0♓51	10♋22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n39	14s 9	3n45	6n36	3s16	26n25	4n 8	0s56	1s23	20n26	0s33	18s24	0s39	0n52	0n45	12n 6	1s45	23s 8	11s42	1s13	0s40	9s39	16n55	6s22
F 2	17 54	16 31	4 28	6 50	3 19	26 16	4 0	0 38	1 23	20 29	0 32	18 23	0 39	0 52	0 45	12 6	1 45	23 8	11 43	1 10	0 38	9 37	16 55	6 22
S 3	18 10	17 56	4 56	7 5	3 21	26 5	3 52	0 20	1 23	20 31	0 32	18 23	0 39	0 53	0 45	12 7	1 45	23 8	11 43	1 7	0 37	9 36	16 56	6 21
S 4	18 24	18 23	5 7	7 22	3 22	25 54	3 44	0 2	1 23	20 34	0 32	18 23	0 39	0 53	0 45	12 8	1 45	23 9	11 43	1 4	0 36	9 34	16 56	6 21
M 5	18 39	17 54	5 3	7 40	3 23	25 42	3 34	0n16	1 23	20 36	0 32	18 23	0 39	0 54	0 45	12 8	1 45	23 9	11 44	1 1	0 35	9 32	16 56	6 21
T 6	18 53	16 34	4 45	8 1	3 23	25 29	3 25	0 34	1 23	20 39	0 32	18 23	0 39	0 54	0 45	12 9	1 45	23 9	11 44	0 58	0 33	9 31	16 56	6 20
W 7	19 7	14 31	4 14	8 23	3 22	25 15	3 15	0 52	1 23	20 42	0 32	18 23	0 40	0 55	0 45	12 10	1 45	23 9	11 44	0 57	0 32	9 29	16 56	6 20
T 8	19 21	11 53	3 33	8 46	3 20	25 0	3 4	1 10	1 22	20 44	0 32	18 23	0 40	0 55	0 45	12 10	1 45	23 9	11 45	0 56	0 31	9 28	16 56	6 20
F 9	19 35	8 46	2 43	9 11	3 18	24 44	2 53	1 28	1 22	20 47	0 32	18 23	0 40	0 55	0 45	12 11	1 45	23 10	11 45	0 56	0 29	9 26	16 56	6 19
S 10	19 48	5 19	1 45	9 38	3 15	24 28	2 41	1 46	1 22	20 49	0 32	18 23	0 40	0 56	0 45	12 12	1 45	23 10	11 45	0 56	0 28	9 25	16 56	6 19
S 11	20 0	1 37	0 43	10 6	3 11	24 11	2 29	2 4	1 22	20 52	0 32	18 24	0 40	0 56	0 45	12 12	1 45	23 10	11 46	0 56	0 27	9 23	16 56	6 19
M12	20 13	2n13	0s22	10 35	3 7	23 52	2 16	2 22	1 22	20 54	0 31	18 24	0 40	0 56	0 45	12 13	1 45	23 10	11 46	0 57	0 26	9 21	16 56	6 18
T 13	20 25	6 1	1 27	11 5	3 2	23 34	2 3	2 40	1 22	20 57	0 31	18 24	0 40	0 57	0 45	12 14	1 45	23 11	11 46	0 56	0 24	9 20	16 56	6 18
W14	20 36	9 39	2 29	11 36	2 56	23 14	1 50	2 58	1 22	20 59	0 31	18 24	0 41	0 57	0 44	12 14	1 45	23 11	11 47	0 55	0 23	9 18	16 56	6 18
T 15	20 48	12 55	3 25	12 8	2 50	22 55	1 36	3 15	1 22	21 2	0 31	18 24	0 41	0 57	0 44	12 15	1 45	23 11	11 47	0 52	0 22	9 17	16 56	6 18
F 16	20 59	15 36	4 11	12 41	2 44	22 34	1 22	3 33	1 22	21 4	0 31	18 25	0 41	0 57	0 44	12 16	1 45	23 11	11 47	0 49	0 21	9 15	16 55	6 17
S 17	21 9	17 29	4 44	13 15	2 37	22 14	1 8	3 51	1 22	21 6	0 31	18 25	0 41	0 58	0 44	12 16	1 46	23 12	11 48	0 45	0 19	9 13	16 55	6 17
S 18	21 20	18 23	5 1	13 49	2 29	21 53	0 54	4 8	1 21	21 9	0 31	18 25	0 41	0 58	0 44	12 17	1 46	23 12	11 48	0 41	0 18	9 12	16 55	6 17
M19	21 29	18 10	5 1	14 24	2 21	21 32	0 40	4 26	1 21	21 11	0 31	18 26	0 41	0 58	0 44	12 18	1 46	23 12	11 48	0 37	0 17	9 10	16 55	6 17
T 20	21 39	16 49	4 41	15 0	2 12	21 11	0 26	4 43	1 21	21 13	0 31	18 26	0 42	0 58	0 44	12 18	1 46	23 13	11 49	0 34	0 16	9 9	16 55	6 16
W21	21 48	14 25	4 5	15 35	2 3	20 50	0 12	5 1	1 21	21 16	0 31	18 26	0 42	0 58	0 44	12 19	1 46	23 13	11 49	0 32	0 14	9 7	16 55	6 16
T 22	21 57	11 9	3 13	16 12	1 54	20 29	0s 2	5 18	1 21	21 18	0 31	18 27	0 42	0 58	0 44	12 20	1 46	23 13	11 49	0 30	0 13	9 5	16 55	6 16
F 23	22 5	7 15	2 9	16 48	1 44	20 8	0 16	5 35	1 21	21 20	0 30	18 27	0 42	0 58	0 44	12 20	1 46	23 14	11 50	0 30	0 12	9 4	16 54	6 16
S 24	22 13	2 57	0 58	17 24	1 34	19 48	0 30	5 53	1 20	21 22	0 30	18 28	0 42	0 59	0 44	12 21	1 46	23 14	11 50	0 30	0 10	9 2	16 54	6 15
S 25	22 21	1s28	0n16	18 0	1 24	19 29	0 43	6 10	1 20	21 25	0 30	18 28	0 42	0 59	0 44	12 21	1 46	23 14	11 50	0 30	0 9	9 0	16 54	6 15
M26	22 28	5 47	1 29	18 36	1 13	19 10	0 56	6 27	1 20	21 27	0 30	18 29	0 42	0 59	0 44	12 22	1 46	23 15	11 51	0 30	0 8	8 59	16 54	6 15
T 27	22 35	9 45	2 35	19 11	1 2	18 51	1 9	6 44	1 20	21 29	0 30	18 29	0 43	0 59	0 44	12 22	1 46	23 15	11 51	0 28	0 7	8 57	16 54	6 15
W28	22 41	13 9	3 32	19 46	0 51	18 33	1 22	7 0	1 19	21 31	0 30	18 30	0 43	0 59	0 44	12 23	1 46	23 15	11 51	0 26	0 5	8 56	16 53	6 15
T 29	22 47	15 49	4 16	20 20	0 40	18 17	1 34	7 17	1 19	21 33	0 30	18 30	0 43	0 59	0 44	12 24	1 46	23 16	11 52	0 23	0 4	8 54	16 53	6 14
F 30	22 53	17 35	4 46	20 53	0 29	18 1	1 45	7 34	1 19	21 35	0 30	18 31	0 43	0 58	0 44	12 24	1 46	23 16	11 52	0 18	0 3	8 52	16 53	6 14
S 31	22n58	18s25	5n 0	21n24	0s18	17n45	1s57	7n50	1s19	21n37	0s30	18s32	0s43	0n58	0n44	12n25	1s46	23s17	11s52	0s14	0s 2	8s51	16n52	6s14

Julian Day Number = 2287315.5, Delta T = 179.14 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°27'56, Lahiri = 17°34'57 Julian Calendar 1 May 1550 == Greg. Calendar 11 May 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

JUNE 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 14 36	19♊11'27	7♉57	10♊ 5	27°R14	24♈ 0	11♊ 0	9°R46	29♍14	7♉39	28°R 2	0°R22	0♎ 1	0♓57	10♋28	S 1
M 2	17 18 33	20° 8'41	20°26	12°11	27♉ 0	24°44	11°14	9♒44	29°15	7°40	28♒ 2	0♎10	29♍58	1° 4	10°35	M 2
T 3	17 22 29	21° 5'55	2♒41	14°19	26°48	25°28	11°27	9°42	29°15	7°42	28° 2	0° 1	29°55	1°11	10°41	T 3
W 4	17 26 26	22° 3'08	14°44	16°28	26°39	26°11	11°41	9°40	29°15	7°44	28° 1	29♍54	29°51	1°17	10°47	W 4
T 5	17 30 22	23° 0'21	26°38	18°38	26°32	26°55	11°55	9°38	29°16	7°46	28° 1	29°49	29°48	1°24	10°54	T 5
F 6	17 34 19	23°57'34	8♓28	20°49	26°28	27°39	12° 9	9°35	29°16	7°47	28° 1	29°47	29°45	1°31	11° 0	F 6
S 7	17 38 16	24°54'47	20°17	23° 0	26°D25	28°23	12°22	9°33	29°17	7°49	28° 0	29°46	29°42	1°37	11° 7	S 7
S 8	17 42 12	25°52'00	2♈12	25°12	26°26	29° 6	12°36	9°30	29°17	7°51	28° 0	29°46	29°39	1°44	11°13	S 8
M 9	17 46 9	26°49'12	14°18	27°23	26°28	29°50	12°50	9°28	29°18	7°52	27°59	29°45	29°35	1°51	11°20	M 9
T 10	17 50 5	27°46'25	26°40	29°34	26°33	0♉33	13° 3	9°25	29°18	7°54	27°59	29°44	29°32	1°57	11°26	T 10
W11	17 54 2	28°43'38	9♉23	1♋44	26°40	1°17	13°17	9°22	29°19	7°56	27°58	29°39	29°29	2° 4	11°33	W11
T 12	17 57 58	29°40'51	22°30	3°54	26°49	2° 0	13°31	9°19	29°20	7°57	27°58	29°33	29°26	2°10	11°39	T 12
F 13	18 1 55	0♋38'03	6♊ 1	6° 2	27° 1	2°43	13°44	9°17	29°21	7°59	27°57	29°24	29°23	2°17	11°46	F 13
S 14	18 5 51	1°35'16	19°57	8° 9	27°14	3°26	13°58	9°14	29°21	8° 0	27°56	29°13	29°20	2°24	11°52	S 14
S 15	18 9 48	2°32'29	4♋14	10°15	27°29	4° 9	14°11	9°10	29°22	8° 2	27°56	29° 1	29°16	2°30	11°59	S 15
M16	18 13 45	3°29'41	18°45	12°19	27°47	4°52	14°25	9° 7	29°23	8° 3	27°55	28°50	29°13	2°37	12° 6	M16
T 17	18 17 41	4°26'54	3♌25	14°21	28° 6	5°35	14°38	9° 4	29°24	8° 5	27°55	28°41	29°10	2°44	12°12	T 17
W18	18 21 38	5°24'06	18° 4	16°22	28°27	6°18	14°52	9° 1	29°25	8° 6	27°54	28°34	29° 7	2°50	12°19	W18
T 19	18 25 34	6°21'18	2♍37	18°21	28°49	7° 1	15° 5	8°58	29°27	8° 7	27°53	28°30	29° 4	2°57	12°26	T 19
F 20	18 29 31	7°18'30	17° 0	20°18	29°13	7°43	15°18	8°54	29°28	8° 9	27°53	28°28	29° 1	3° 4	12°32	F 20
S 21	18 33 27	8°15'41	1♎10	22°13	29°39	8°26	15°32	8°51	29°29	8°10	27°52	28°28	28°57	3°10	12°39	S 21
S 22	18 37 24	9°12'52	15° 6	24° 6	0♊ 7	9° 9	15°45	8°47	29°30	8°11	27°51	28°28	28°54	3°17	12°46	S 22
M23	18 41 20	10°10'04	28°48	25°57	0°36	9°51	15°58	8°44	29°31	8°13	27°50	28°27	28°51	3°24	12°52	M23
T 24	18 45 17	11° 7'15	12♏16	27°46	1° 6	10°33	16°12	8°40	29°33	8°14	27°50	28°24	28°48	3°30	12°59	T 24
W25	18 49 14	12° 4'26	25°33	29°34	1°38	11°16	16°25	8°36	29°34	8°15	27°49	28°18	28°45	3°37	13° 6	W25
T 26	18 53 10	13° 1'37	8♐37	1♌19	2°11	11°58	16°38	8°32	29°36	8°16	27°48	28°10	28°41	3°44	13°12	T 26
F 27	18 57 7	13°58'48	21°29	3° 2	2°45	12°40	16°51	8°29	29°37	8°18	27°47	27°59	28°38	3°50	13°19	F 27
S 28	19 1 3	14°55'59	4♑10	4°44	3°21	13°22	17° 4	8°25	29°39	8°19	27°46	27°47	28°35	3°57	13°26	S 28
S 29	19 5 0	15°53'11	16°39	6°23	3°58	14° 4	17°17	8°21	29°40	8°20	27°45	27°35	28°32	4° 4	13°32	S 29
M30	19 8 56	16♋50'23	28♑56	8♌ 1	4♊36	14♉45	17♊30	8♒17	29♍42	8♉21	27♒44	27♍24	28♍29	4♓10	13♋39	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 3	18s17	4n58	21n54	0s 7	17n31	2s 7	8n 7	1s18	21n39	0s30	18s32	0s43	0n58	0n44	12n25	1s46	23s17	11s53	0s 9	0s 0	8s49	16n52	6s14
M 2	23 8	17 17	4 43	22 23	0n 4	17 18	2 18	8 23	1 18	21 41	0 30	18 33	0 43	0 58	0 44	12 26	1 46	23 17	11 53	0 4	0n 1	8 47	16 52	6 14
T 3	23 12	15 29	4 14	22 49	0 15	17 6	2 27	8 40	1 18	21 43	0 30	18 34	0 44	0 58	0 44	12 26	1 46	23 18	11 53	0 0	0 2	8 46	16 51	6 14
W 4	23 15	13 2	3 35	23 14	0 25	16 54	2 37	8 56	1 17	21 45	0 29	18 34	0 44	0 58	0 44	12 27	1 46	23 18	11 54	0n 3	0 3	8 44	16 51	6 13
T 5	23 19	10 4	2 46	23 36	0 36	16 44	2 46	9 12	1 17	21 47	0 29	18 35	0 44	0 58	0 44	12 27	1 46	23 19	11 54	0 4	0 5	8 43	16 51	6 13
F 6	23 21	6 43	1 50	23 56	0 45	16 35	2 54	9 28	1 17	21 49	0 29	18 36	0 44	0 57	0 44	12 28	1 46	23 19	11 54	0 5	0 6	8 41	16 50	6 13
S 7	23 24	3 5	0 50	24 13	0 54	16 27	3 2	9 44	1 16	21 51	0 29	18 37	0 44	0 57	0 43	12 28	1 46	23 20	11 55	0 6	0 7	8 39	16 50	6 13
S 8	23 26	0n41	0s13	24 27	1 3	16 20	3 10	10 0	1 16	21 53	0 29	18 37	0 44	0 57	0 43	12 29	1 46	23 20	11 55	0 6	0 9	8 38	16 49	6 13
M 9	23 27	4 29	1 16	24 39	1 11	16 13	3 17	10 15	1 16	21 55	0 29	18 38	0 44	0 57	0 43	12 29	1 46	23 21	11 55	0 6	0 10	8 36	16 49	6 13
T 10	23 29	8 10	2 17	24 48	1 18	16 8	3 23	10 31	1 15	21 56	0 29	18 39	0 45	0 56	0 43	12 30	1 46	23 21	11 56	0 7	0 11	8 34	16 49	6 13
W11	23 29	11 36	3 13	24 54	1 25	16 4	3 29	10 46	1 15	21 58	0 29	18 40	0 45	0 56	0 43	12 30	1 46	23 21	11 56	0 8	0 12	8 33	16 48	6 13
T 12	23 30	14 33	4 1	24 57	1 31	16 0	3 35	11 2	1 15	22 0	0 29	18 41	0 45	0 56	0 43	12 31	1 46	23 22	11 56	0 11	0 14	8 31	16 48	6 13
F 13	23 30	16 49	4 36	24 58	1 37	15 57	3 40	11 17	1 14	22 2	0 29	18 42	0 45	0 55	0 43	12 31	1 47	23 22	11 56	0 14	0 15	8 30	16 47	6 13
S 14	23 29	18 11	4 57	24 56	1 41	15 56	3 45	11 32	1 14	22 3	0 29	18 43	0 45	0 55	0 43	12 32	1 47	23 23	11 57	0 19	0 16	8 28	16 47	6 12
S 15	23 28	18 26	5 0	24 51	1 45	15 55	3 50	11 47	1 13	22 5	0 29	18 44	0 45	0 55	0 43	12 32	1 47	23 23	11 57	0 23	0 17	8 26	16 46	6 12
M16	23 27	17 30	4 43	24 43	1 48	15 54	3 54	12 2	1 13	22 7	0 29	18 45	0 45	0 54	0 43	12 33	1 47	23 24	11 57	0 28	0 19	8 25	16 46	6 12
T 17	23 25	15 25	4 8	24 33	1 50	15 55	3 58	12 17	1 12	22 8	0 29	18 46	0 45	0 54	0 43	12 33	1 47	23 24	11 58	0 32	0 20	8 23	16 45	6 12
W18	23 23	12 20	3 16	24 21	1 52	15 56	4 1	12 31	1 12	22 10	0 28	18 47	0 46	0 53	0 43	12 33	1 47	23 25	11 58	0 34	0 21	8 21	16 45	6 12
T 19	23 21	8 30	2 12	24 6	1 53	15 58	4 4	12 46	1 12	22 11	0 28	18 48	0 46	0 53	0 43	12 34	1 47	23 25	11 58	0 36	0 22	8 20	16 44	6 12
F 20	23 18	4 13	1 0	23 49	1 53	16 0	4 7	13 0	1 11	22 13	0 28	18 49	0 46	0 52	0 43	12 34	1 47	23 26	11 59	0 37	0 24	8 18	16 43	6 12
S 21	23 14	0s15	0n14	23 31	1 53	16 3	4 10	13 14	1 11	22 14	0 28	18 50	0 46	0 52	0 43	12 35	1 47	23 26	11 59	0 37	0 25	8 16	16 43	6 12
S 22	23 10	4 37	1 27	23 10	1 52	16 7	4 12	13 28	1 10	22 16	0 28	18 51	0 46	0 51	0 43	12 35	1 47	23 27	11 59	0 37	0 26	8 15	16 42	6 12
M23	23 6	8 41	2 33	22 48	1 50	16 11	4 14	13 42	1 10	22 17	0 28	18 52	0 46	0 51	0 43	12 35	1 47	23 28	11 59	0 37	0 28	8 13	16 42	6 12
T 24	23 2	12 13	3 30	22 25	1 48	16 16	4 15	13 56	1 9	22 19	0 28	18 53	0 46	0 50	0 43	12 36	1 47	23 28	12 0	0 38	0 29	8 11	16 41	6 12
W25	22 57	15 4	4 14	22 0	1 45	16 21	4 16	14 9	1 9	22 20	0 28	18 54	0 46	0 49	0 43	12 36	1 47	23 29	12 0	0 41	0 30	8 10	16 40	6 12
T 26	22 51	17 6	4 45	21 33	1 41	16 26	4 17	14 23	1 8	22 22	0 28	18 55	0 47	0 49	0 43	12 36	1 47	23 29	12 0	0 44	0 31	8 8	16 40	6 12
F 27	22 46	18 14	5 0	21 6	1 37	16 32	4 18	14 36	1 8	22 23	0 28	18 56	0 47	0 48	0 43	12 37	1 47	23 30	12 0	0 48	0 33	8 6	16 39	6 12
S 28	22 39	18 26	5 0	20 37	1 32	16 38	4 19	14 49	1 7	22 24	0 28	18 57	0 47	0 47	0 43	12 37	1 47	23 30	12 1	0 53	0 34	8 5	16 38	6 12
S 29	22 33	17 44	4 45	20 8	1 27	16 45	4 19	15 2	1 6	22 25	0 28	18 59	0 47	0 47	0 43	12 37	1 47	23 31	12 1	0 58	0 35	8 3	16 38	6 13
M30	22n26	16s13	4n18	19n37	1n21	16n52	4s19	15n15	1s 6	22n27	0s28	19s 0	0s47	0n46	0n42	12n38	1s47	23s31	12s 1	1n 2	0n36	8s 1	16n37	6s13

Julian Day Number = 2287346.5, Delta T = 178.95 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'00, Lahiri = 17°35'01 Julian Calendar 1 June 1550 == Greg. Calendar 11 June 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

JULY 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 12 53	17♋47'35	11♒ 3	9♌36	5♊15	15♉27	17♊43	8°R13	29♍44	8♉22	27°R43	27°R14	28♍26	4♓17	13♋46	T 1
W 2	19 16 49	18°44'48	23° 0	11°10	5°55	16° 9	17°56	8♒ 9	29°46	8°23	27♒43	27♍ 7	28°22	4°24	13°52	W 2
T 3	19 20 46	19°42'02	4♓51	12°42	6°37	16°50	18° 8	8° 5	29°47	8°24	27°42	27° 2	28°19	4°30	13°59	T 3
F 4	19 24 43	20°39'16	16°38	14°11	7°19	17°32	18°21	8° 1	29°49	8°25	27°41	27° 0	28°16	4°37	14° 6	F 4
S 5	19 28 39	21°36'31	28°27	15°39	8° 2	18°13	18°34	7°56	29°51	8°26	27°40	26°D59	28°13	4°44	14°12	S 5
S 6	19 32 36	22°33'46	10♈21	17° 4	8°46	18°54	18°46	7°52	29°53	8°27	27°39	27° 0	28°10	4°50	14°19	S 6
M 7	19 36 32	23°31'03	22°26	18°28	9°32	19°35	18°59	7°48	29°55	8°28	27°38	27°R 0	28° 7	4°57	14°26	M 7
T 8	19 40 29	24°28'20	4♉47	19°49	10°17	20°16	19°11	7°44	29°57	8°28	27°37	27° 0	28° 3	5° 4	14°32	T 8
W 9	19 44 25	25°25'39	17°29	21° 9	11° 4	20°57	19°24	7°39	29°59	8°29	27°36	26°57	28° 0	5°10	14°39	W 9
T 10	19 48 22	26°22'58	0♊37	22°26	11°52	21°38	19°36	7°35	0♎ 1	8°30	27°35	26°53	27°57	5°17	14°46	T 10
F 11	19 52 18	27°20'18	14°12	23°41	12°40	22°19	19°49	7°31	0° 3	8°31	27°33	26°46	27°54	5°24	14°52	F 11
S 12	19 56 15	28°17'40	28°15	24°54	13°29	23° 0	20° 1	7°26	0° 6	8°32	27°32	26°38	27°51	5°30	14°59	S 12
S 13	20 0 12	29°15'02	12♋43	26° 4	14°19	23°40	20°13	7°22	0° 8	8°32	27°31	26°29	27°47	5°37	15° 6	S 13
M14	20 4 8	0♌12'25	27°30	27°12	15° 9	24°21	20°25	7°17	0°10	8°33	27°30	26°21	27°44	5°44	15°12	M14
T 15	20 8 5	1° 9'49	12♌29	28°17	16° 0	25° 1	20°37	7°13	0°13	8°33	27°29	26°14	27°41	5°50	15°19	T 15
W16	20 12 1	2° 7'14	27°30	29°20	16°52	25°41	20°49	7° 9	0°15	8°34	27°28	26° 9	27°38	5°57	15°25	W16
T 17	20 15 58	3° 4'39	12♍24	0♍20	17°45	26°21	21° 1	7° 4	0°17	8°35	27°27	26° 6	27°35	6° 4	15°32	T 17
F 18	20 19 54	4° 2'05	27° 5	1°18	18°38	27° 1	21°13	7° 0	0°20	8°35	27°26	26°D 5	27°32	6°10	15°38	F 18
S 19	20 23 51	4°59'32	11♎27	2°12	19°31	27°41	21°25	6°55	0°22	8°36	27°24	26° 6	27°28	6°17	15°45	S 19
S 20	20 27 47	5°57'00	25°29	3° 3	20°25	28°21	21°37	6°51	0°25	8°36	27°23	26° 7	27°25	6°24	15°51	S 20
M21	20 31 44	6°54'28	9♏11	3°51	21°20	29° 0	21°48	6°46	0°27	8°37	27°22	26°R 7	27°22	6°30	15°58	M21
T 22	20 35 41	7°51'57	22°33	4°36	22°15	29°40	22° 0	6°42	0°30	8°37	27°21	26° 6	27°19	6°37	16° 4	T 22
W23	20 39 37	8°49'27	5♐38	5°17	23°10	0♊19	22°11	6°37	0°33	8°37	27°20	26° 3	27°16	6°43	16°11	W23
T 24	20 43 34	9°46'57	18°27	5°54	24° 6	0°59	22°23	6°33	0°35	8°38	27°19	25°58	27°13	6°50	16°17	T 24
F 25	20 47 30	10°44'29	1♑ 3	6°27	25° 3	1°38	22°34	6°28	0°38	8°38	27°17	25°51	27° 9	6°57	16°23	F 25
S 26	20 51 27	11°42'02	13°28	6°56	26° 0	2°17	22°45	6°24	0°41	8°38	27°16	25°44	27° 6	7° 3	16°30	S 26
S 27	20 55 23	12°39'35	25°42	7°21	26°58	2°56	22°56	6°20	0°44	8°38	27°15	25°36	27° 3	7°10	16°36	S 27
M28	20 59 20	13°37'10	7♒47	7°41	27°55	3°34	23° 7	6°15	0°46	8°39	27°14	25°29	27° 0	7°17	16°42	M28
T 29	21 3 16	14°34'46	19°44	7°56	28°54	4°13	23°18	6°11	0°49	8°39	27°12	25°22	26°57	7°23	16°48	T 29
W30	21 7 13	15°32'23	1♓36	8° 6	29°53	4°51	23°29	6° 6	0°52	8°39	27°11	25°18	26°53	7°30	16°55	W30
T 31	21 11 10	16♌30'01	13♓24	8°R11	0♋52	5♊30	23♊40	6♒ 2	0♎55	8♉39	27♒10	25♍15	26♍50	7♓37	17♋ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n19	13s59	3n39	19n 6	1n15	16n59	4s19	15n28	1s 5	22n28	0s28	19s 1	0s47	0n45	0n42	12n38	1s47	23s32	12s 1	1n 6	0n38	8s 0	16n36	6s13
W 2	22 11	11 12	2 51	18 34	1 9	17 6	4 19	15 40	1 5	22 29	0 28	19 2	0 47	0 45	0 42	12 38	1 47	23 32	12 2	1 9	0 39	7 58	16 35	6 13
T 3	22 3	7 58	1 55	18 2	1 2	17 13	4 18	15 53	1 4	22 30	0 28	19 3	0 47	0 44	0 42	12 38	1 48	23 33	12 2	1 11	0 40	7 56	16 35	6 13
F 4	21 54	4 27	0 55	17 29	0 54	17 21	4 17	16 5	1 4	22 32	0 27	19 4	0 48	0 43	0 42	12 39	1 48	23 34	12 2	1 12	0 41	7 55	16 34	6 13
S 5	21 45	0 44	0s 8	16 55	0 46	17 29	4 16	16 17	1 3	22 33	0 27	19 6	0 48	0 42	0 42	12 39	1 48	23 34	12 2	1 12	0 43	7 53	16 33	6 13
S 6	21 36	3n 1	1 11	16 22	0 38	17 37	4 15	16 29	1 2	22 34	0 27	19 7	0 48	0 42	0 42	12 39	1 48	23 35	12 3	1 12	0 44	7 51	16 32	6 13
M 7	21 26	6 43	2 12	15 48	0 30	17 45	4 14	16 41	1 2	22 35	0 27	19 8	0 48	0 41	0 42	12 39	1 48	23 35	12 3	1 12	0 45	7 50	16 32	6 13
T 8	21 17	10 12	3 8	15 14	0 21	17 53	4 12	16 53	1 1	22 36	0 27	19 9	0 48	0 40	0 42	12 40	1 48	23 36	12 3	1 12	0 46	7 48	16 31	6 13
W 9	21 6	13 18	3 56	14 40	0 11	18 1	4 11	17 4	1 0	22 37	0 27	19 10	0 48	0 39	0 42	12 40	1 48	23 36	12 3	1 13	0 48	7 46	16 30	6 13
T 10	20 55	15 51	4 34	14 6	0 2	18 9	4 9	17 15	1 0	22 38	0 27	19 12	0 48	0 38	0 42	12 40	1 48	23 37	12 3	1 15	0 49	7 45	16 29	6 14
F 11	20 44	17 37	4 58	13 32	0s 8	18 17	4 7	17 26	0 59	22 39	0 27	19 13	0 48	0 37	0 42	12 40	1 48	23 38	12 4	1 17	0 50	7 43	16 28	6 14
S 12	20 33	18 24	5 5	12 58	0 18	18 25	4 5	17 37	0 58	22 40	0 27	19 14	0 48	0 36	0 42	12 40	1 48	23 38	12 4	1 20	0 52	7 41	16 27	6 14
S 13	20 21	18 1	4 53	12 25	0 29	18 33	4 3	17 48	0 58	22 41	0 27	19 15	0 48	0 35	0 42	12 40	1 48	23 39	12 4	1 24	0 53	7 40	16 26	6 14
M14	20 9	16 26	4 22	11 51	0 39	18 41	4 0	17 59	0 57	22 42	0 27	19 16	0 49	0 34	0 42	12 41	1 48	23 39	12 4	1 27	0 54	7 38	16 26	6 14
T 15	19 57	13 42	3 32	11 19	0 50	18 49	3 58	18 9	0 56	22 43	0 27	19 18	0 49	0 33	0 42	12 41	1 48	23 40	12 4	1 30	0 55	7 36	16 25	6 14
W16	19 44	10 4	2 27	10 47	1 1	18 56	3 55	18 20	0 56	22 44	0 27	19 19	0 49	0 32	0 42	12 41	1 48	23 40	12 5	1 32	0 57	7 35	16 24	6 15
T 17	19 31	5 48	1 13	10 15	1 12	19 4	3 53	18 30	0 55	22 45	0 27	19 20	0 49	0 31	0 42	12 41	1 48	23 41	12 5	1 33	0 58	7 33	16 23	6 15
F 18	19 17	1 15	0n 5	9 44	1 24	19 11	3 50	18 40	0 54	22 46	0 27	19 21	0 49	0 30	0 42	12 41	1 48	23 42	12 5	1 34	0 59	7 31	16 22	6 15
S 19	19 4	3s17	1 22	9 14	1 35	19 19	3 47	18 49	0 53	22 46	0 27	19 23	0 49	0 29	0 42	12 41	1 48	23 42	12 5	1 33	1 0	7 30	16 21	6 15
S 20	18 50	7 31	2 32	8 45	1 47	19 26	3 44	18 59	0 53	22 47	0 27	19 24	0 49	0 28	0 42	12 41	1 49	23 43	12 5	1 33	1 2	7 28	16 20	6 15
M21	18 35	11 15	3 31	8 16	1 59	19 32	3 41	19 8	0 52	22 48	0 27	19 25	0 49	0 27	0 42	12 41	1 49	23 43	12 5	1 33	1 3	7 26	16 19	6 16
T 22	18 21	14 18	4 18	7 49	2 11	19 39	3 38	19 18	0 51	22 49	0 27	19 26	0 49	0 26	0 42	12 41	1 49	23 44	12 6	1 33	1 4	7 25	16 18	6 16
W23	18 6	16 33	4 49	7 23	2 22	19 45	3 34	19 27	0 50	22 49	0 26	19 27	0 49	0 25	0 42	12 42	1 49	23 44	12 6	1 34	1 5	7 23	16 17	6 16
T 24	17 50	17 55	5 6	6 59	2 34	19 51	3 31	19 36	0 49	22 50	0 26	19 29	0 49	0 24	0 42	12 42	1 49	23 45	12 6	1 36	1 7	7 21	16 16	6 16
F 25	17 35	18 22	5 7	6 36	2 46	19 57	3 27	19 45	0 49	22 51	0 26	19 30	0 50	0 23	0 42	12 42	1 49	23 46	12 6	1 39	1 8	7 20	16 15	6 17
S 26	17 19	17 56	4 54	6 14	2 57	20 2	3 24	19 53	0 48	22 51	0 26	19 31	0 50	0 22	0 42	12 42	1 49	23 46	12 6	1 42	1 9	7 18	16 14	6 17
S 27	17 3	16 40	4 28	5 55	3 9	20 8	3 20	20 2	0 47	22 52	0 26	19 32	0 50	0 21	0 42	12 42	1 49	23 47	12 6	1 45	1 11	7 16	16 13	6 17
M28	16 46	14 40	3 49	5 37	3 20	20 12	3 16	20 10	0 46	22 53	0 26	19 33	0 50	0 20	0 42	12 42	1 49	23 47	12 6	1 48	1 12	7 15	16 12	6 18
T 29	16 30	12 4	3 1	5 21	3 31	20 17	3 13	20 18	0 45	22 53	0 26	19 35	0 50	0 18	0 41	12 42	1 49	23 48	12 7	1 51	1 13	7 13	16 11	6 18
W30	16 13	8 59	2 5	5 8	3 41	20 21	3 9	20 26	0 44	22 54	0 26	19 36	0 50	0 17	0 41	12 42	1 49	23 48	12 7	1 52	1 14	7 11	16 10	6 18
T 31	15n56	5s33	1n 4	4n57	3s51	20n25	3s 5	20n33	0s44	22n54	0s26	19s37	0s50	0n16	0n41	12n42	1s49	23s49	12s 7	1n53	1n16	7s 9	16n 9	6s18

Julian Day Number = 2287376.5, Delta T = 178.78 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'05, Lahiri = 17°35'05 Julian Calendar 1 July 1550 == Greg. Calendar 11 July 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

AUGUST 1550 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 15 6	17♌27'41	25♓11	8°R11	1♋51	6♊ 8	23♊51	5°R58	0♎58	8♉39	27°R 9	25°D15	26♍47	7♓43	17♋ 7	F 1
S 2	21 19 3	18°25'22	7♈ 0	8♍ 5	2°51	6°46	24° 1	5♒53	1° 1	8°39	27♒ 7	25♍15	26°44	7°50	17°13	S 2
S 3	21 22 59	19°23'05	18°56	7°54	3°51	7°24	24°12	5°49	1° 4	8°R39	27° 6	25°17	26°41	7°57	17°19	S 3
M 4	21 26 56	20°20'50	1♉ 1	7°36	4°52	8° 2	24°22	5°45	1° 7	8°39	27° 5	25°18	26°38	8° 3	17°25	M 4
T 5	21 30 52	21°18'36	13°21	7°13	5°53	8°40	24°33	5°40	1°10	8°39	27° 4	25°20	26°34	8°10	17°31	T 5
W 6	21 34 49	22°16'24	26° 1	6°45	6°54	9°17	24°43	5°36	1°13	8°39	27° 2	25°R20	26°31	8°17	17°37	W 6
T 7	21 38 45	23°14'14	9♊ 5	6°11	7°56	9°55	24°53	5°32	1°17	8°39	27° 1	25°19	26°28	8°23	17°43	T 7
F 8	21 42 42	24°12'05	22°35	5°31	8°58	10°32	25° 3	5°28	1°20	8°39	27° 0	25°16	26°25	8°30	17°49	F 8
S 9	21 46 39	25° 9'59	6♋34	4°47	10° 0	11° 9	25°13	5°24	1°23	8°38	26°58	25°13	26°22	8°37	17°55	S 9
S 10	21 50 35	26° 7'54	21° 0	3°59	11° 3	11°46	25°23	5°20	1°26	8°38	26°57	25° 9	26°19	8°43	18° 1	S 10
M11	21 54 32	27° 5'51	5♌49	3° 8	12° 6	12°23	25°32	5°16	1°29	8°38	26°56	25° 5	26°15	8°50	18° 7	M11
T 12	21 58 28	28° 3'49	20°54	2°14	13° 9	13° 0	25°42	5°12	1°33	8°38	26°55	25° 1	26°12	8°57	18°12	T 12
W13	22 2 25	29° 1'49	6♍ 6	1°19	14°12	13°36	25°51	5° 8	1°36	8°37	26°53	24°59	26° 9	9° 3	18°18	W13
T 14	22 6 21	29°59'51	21°15	0°23	15°16	14°12	26° 1	5° 4	1°39	8°37	26°52	24°D58	26° 6	9°10	18°24	T 14
F 15	22 10 18	0♍57'54	6♎12	29♌28	16°20	14°49	26°10	5° 0	1°43	8°37	26°51	24°59	26° 3	9°16	18°29	F 15
S 16	22 14 14	1°55'58	20°50	28°34	17°24	15°25	26°19	4°57	1°46	8°36	26°49	25° 0	25°59	9°23	18°35	S 16
S 17	22 18 11	2°54'04	5♏ 5	27°44	18°28	16° 0	26°28	4°53	1°50	8°36	26°48	25° 1	25°56	9°30	18°40	S 17
M18	22 22 7	3°52'12	18°54	26°58	19°33	16°36	26°37	4°49	1°53	8°35	26°47	25° 2	25°53	9°36	18°46	M18
T 19	22 26 4	4°50'20	2♐20	26°18	20°38	17°11	26°46	4°46	1°56	8°35	26°46	25°R 3	25°50	9°43	18°51	T 19
W20	22 30 1	5°48'31	15°22	25°43	21°43	17°47	26°54	4°42	2° 0	8°34	26°44	25° 3	25°47	9°50	18°56	W20
T 21	22 33 57	6°46'43	28° 5	25°16	22°48	18°22	27° 3	4°39	2° 3	8°34	26°43	25° 1	25°44	9°56	19° 2	T 21
F 22	22 37 54	7°44'56	10♑32	24°57	23°54	18°57	27°11	4°35	2° 7	8°33	26°42	25° 0	25°40	10° 3	19° 7	F 22
S 23	22 41 50	8°43'11	22°45	24°46	25° 0	19°32	27°19	4°32	2°10	8°32	26°40	24°57	25°37	10°10	19°12	S 23
S 24	22 45 47	9°41'27	4♒48	24°D44	26° 6	20° 6	27°27	4°29	2°14	8°32	26°39	24°55	25°34	10°16	19°17	S 24
M25	22 49 43	10°39'46	16°44	24°51	27°12	20°41	27°35	4°26	2°18	8°31	26°38	24°53	25°31	10°23	19°22	M25
T 26	22 53 40	11°38'05	28°35	25° 7	28°19	21°15	27°43	4°22	2°21	8°30	26°37	24°51	25°28	10°30	19°27	T 26
W27	22 57 36	12°36'27	10♓24	25°32	29°25	21°49	27°51	4°19	2°25	8°29	26°36	24°50	25°24	10°36	19°32	W27
T 28	23 1 33	13°34'51	22°12	26° 6	0♌32	22°23	27°58	4°16	2°28	8°29	26°34	24°D49	25°21	10°43	19°37	T 28
F 29	23 5 30	14°33'16	4♈ 2	26°49	1°39	22°56	28° 6	4°14	2°32	8°28	26°33	24°50	25°18	10°50	19°42	F 29
S 30	23 9 26	15°31'43	15°56	27°39	2°46	23°29	28°13	4°11	2°36	8°27	26°32	24°50	25°15	10°56	19°47	S 30
S 31	23 13 23	16♍30'13	27♈57	28♌38	3♌54	24♊ 3	28♊20	4♒ 8	2♎39	8♉26	26♒31	24♍51	25♍12	11♓ 3	19♋52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n38	1s55	0n 0	4n48	4s 0	20n28	3s 1	20n41	0s43	22n55	0s26	19s38	0s50	0n15	0n41	12n42	1s49	23s49	12s 7	1n54	1n17	7s 8	16n 8	6s19
S 2	15 20	1n49	1s 4	4 43	4 9	20 31	2 57	20 48	0 42	22 56	0 26	19 39	0 50	0 14	0 41	12 42	1 49	23 50	12 7	1 53	1 18	7 6	16 7	6 19
S 3	15 3	5 29	2 6	4 40	4 16	20 34	2 53	20 56	0 41	22 56	0 26	19 40	0 50	0 12	0 41	12 41	1 49	23 51	12 7	1 53	1 19	7 4	16 6	6 19
M 4	14 44	8 59	3 3	4 40	4 23	20 36	2 49	21 3	0 40	22 57	0 26	19 41	0 50	0 11	0 41	12 41	1 49	23 51	12 7	1 52	1 21	7 3	16 5	6 20
T 5	14 26	12 10	3 53	4 43	4 29	20 38	2 44	21 9	0 39	22 57	0 26	19 43	0 50	0 10	0 41	12 41	1 50	23 52	12 7	1 52	1 22	7 1	16 4	6 20
W 6	14 7	14 52	4 34	4 50	4 33	20 39	2 40	21 16	0 38	22 57	0 26	19 44	0 50	0 9	0 41	12 41	1 50	23 52	12 7	1 52	1 23	6 59	16 3	6 20
T 7	13 48	16 54	5 1	4 59	4 36	20 40	2 36	21 23	0 37	22 58	0 26	19 45	0 50	0 7	0 41	12 41	1 50	23 53	12 7	1 52	1 24	6 58	16 2	6 21
F 8	13 29	18 5	5 13	5 12	4 37	20 40	2 32	21 29	0 36	22 58	0 26	19 46	0 50	0 6	0 41	12 41	1 50	23 53	12 7	1 53	1 26	6 56	16 0	6 21
S 9	13 10	18 13	5 7	5 29	4 37	20 40	2 27	21 35	0 35	22 59	0 26	19 47	0 51	0 5	0 41	12 41	1 50	23 54	12 7	1 54	1 27	6 54	15 59	6 21
S 10	12 50	17 12	4 42	5 48	4 35	20 40	2 23	21 41	0 34	22 59	0 26	19 48	0 51	0 3	0 41	12 41	1 50	23 54	12 8	1 56	1 28	6 52	15 58	6 22
M11	12 30	15 1	3 58	6 10	4 31	20 39	2 19	21 47	0 33	23 0	0 26	19 49	0 51	0 2	0 41	12 41	1 50	23 55	12 8	1 58	1 30	6 51	15 57	6 22
T 12	12 10	11 46	2 57	6 35	4 25	20 37	2 14	21 53	0 32	23 0	0 26	19 50	0 51	0 1	0 41	12 40	1 50	23 55	12 8	1 59	1 31	6 49	15 56	6 23
W13	11 50	7 43	1 42	7 1	4 17	20 35	2 10	21 58	0 31	23 0	0 26	19 51	0 51	0s 1	0 41	12 40	1 50	23 56	12 8	2 0	1 32	6 47	15 55	6 23
T 14	11 30	3 10	0 21	7 30	4 8	20 33	2 5	22 4	0 30	23 1	0 26	19 52	0 51	0 2	0 41	12 40	1 50	23 56	12 8	2 0	1 33	6 46	15 54	6 23
F 15	11 9	1s31	1n 2	8 0	3 56	20 30	2 1	22 9	0 29	23 1	0 26	19 53	0 51	0 3	0 41	12 40	1 50	23 57	12 8	2 0	1 35	6 44	15 53	6 24
S 16	10 49	6 1	2 18	8 31	3 43	20 26	1 56	22 14	0 28	23 1	0 25	19 54	0 51	0 5	0 41	12 40	1 50	23 57	12 8	2 0	1 36	6 42	15 51	6 24
S 17	10 28	10 3	3 24	9 2	3 28	20 22	1 52	22 19	0 27	23 1	0 25	19 55	0 51	0 6	0 41	12 40	1 50	23 58	12 8	1 59	1 37	6 40	15 50	6 25
M18	10 7	13 23	4 15	9 33	3 12	20 18	1 47	22 23	0 26	23 2	0 25	19 56	0 51	0 7	0 41	12 39	1 50	23 58	12 8	1 59	1 38	6 39	15 49	6 25
T 19	9 46	15 54	4 52	10 3	2 55	20 13	1 43	22 28	0 25	23 2	0 25	19 57	0 51	0 9	0 41	12 39	1 50	23 59	12 8	1 58	1 40	6 37	15 48	6 26
W20	9 24	17 32	5 12	10 31	2 37	20 7	1 38	22 32	0 24	23 2	0 25	19 57	0 51	0 10	0 41	12 39	1 50	23 59	12 8	1 58	1 41	6 35	15 47	6 26
T 21	9 3	18 13	5 16	10 58	2 18	20 1	1 34	22 36	0 23	23 2	0 25	19 58	0 51	0 12	0 41	12 39	1 50	23 59	12 8	1 59	1 42	6 34	15 46	6 27
F 22	8 41	18 1	5 5	11 22	1 59	19 54	1 29	22 41	0 22	23 3	0 25	19 59	0 51	0 13	0 41	12 38	1 51	24 0	12 8	2 0	1 43	6 32	15 44	6 27
S 23	8 19	16 58	4 40	11 44	1 40	19 47	1 25	22 44	0 20	23 3	0 25	20 0	0 51	0 14	0 41	12 38	1 51	24 0	12 8	2 1	1 45	6 30	15 43	6 27
S 24	7 57	15 10	4 3	12 3	1 20	19 40	1 20	22 48	0 19	23 3	0 25	20 1	0 51	0 16	0 41	12 38	1 51	24 1	12 8	2 2	1 46	6 28	15 42	6 28
M25	7 35	12 45	3 16	12 18	1 2	19 31	1 16	22 52	0 18	23 3	0 25	20 2	0 51	0 17	0 41	12 38	1 51	24 1	12 8	2 2	1 47	6 27	15 41	6 28
T 26	7 13	9 48	2 20	12 30	0 43	19 23	1 12	22 55	0 17	23 3	0 25	20 2	0 51	0 19	0 41	12 37	1 51	24 2	12 8	2 3	1 48	6 25	15 40	6 29
W27	6 51	6 28	1 19	12 38	0 26	19 14	1 7	22 59	0 16	23 4	0 25	20 3	0 51	0 20	0 41	12 37	1 51	24 2	12 8	2 4	1 50	6 23	15 39	6 29
T 28	6 28	2 53	0 15	12 42	0 9	19 4	1 3	23 2	0 15	23 4	0 25	20 4	0 51	0 22	0 41	12 37	1 51	24 2	12 8	2 4	1 51	6 22	15 37	6 30
F 29	6 6	0n50	0s51	12 43	0n 7	18 53	0 58	23 5	0 13	23 4	0 25	20 5	0 51	0 23	0 41	12 36	1 51	24 3	12 7	2 4	1 52	6 20	15 36	6 30
S 30	5 43	4 31	1 55	12 39	0 22	18 43	0 54	23 8	0 12	23 4	0 25	20 5	0 51	0 25	0 41	12 36	1 51	24 3	12 7	2 3	1 54	6 18	15 35	6 31
S 31	5n20	8n 4	2s54	12n32	0n35	18n31	0s50	23n11	0s11	23n 4	0s25	20s 6	0s51	0s26	0n41	12n36	1s51	24s 4	12s 7	2n 3	1n55	6s16	15n34	6s32

Julian Day Number = 2287407.5, Delta T = 178.59 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'09, Lahiri = 17°35'09 Julian Calendar 1 Aug. 1550 == Greg. Calendar 11 Aug. 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

SEPTEMBER 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 17 19	17♍28'44	10♉ 8	29♌43	5♌ 1	24♊36	28♊27	4°R 5	2♎43	8°R25	26°R29	24♍52	25♍ 9	11♓10	19♋56	M 1
T 2	23 21 16	18°27'18	22°32	0♍55	6° 9	25° 8	28°34	4♒ 3	2°47	8♉24	26♒28	24°52	25° 5	11°16	20° 1	T 2
W 3	23 25 12	19°25'54	5♊13	2°13	7°17	25°41	28°41	4° 0	2°50	8°23	26°27	24°53	25° 2	11°23	20° 5	W 3
T 4	23 29 9	20°24'32	18°14	3°37	8°25	26°13	28°47	3°58	2°54	8°22	26°26	24°R53	24°59	11°29	20°10	T 4
F 5	23 33 5	21°23'12	1♋38	5° 5	9°34	26°45	28°54	3°56	2°58	8°21	26°25	24°53	24°56	11°36	20°14	F 5
S 6	23 37 2	22°21'55	15°26	6°38	10°42	27°17	29° 0	3°53	3° 2	8°20	26°24	24°53	24°53	11°43	20°19	S 6
S 7	23 40 59	23°20'40	29°40	8°14	11°51	27°49	29° 6	3°51	3° 5	8°19	26°23	24°53	24°50	11°49	20°23	S 7
M 8	23 44 55	24°19'27	14♌16	9°53	13° 0	28°20	29°12	3°49	3° 9	8°18	26°21	24°53	24°46	11°56	20°27	M 8
T 9	23 48 52	25°18'17	29°11	11°35	14° 9	28°51	29°18	3°47	3°13	8°17	26°20	24°D53	24°43	12° 3	20°31	T 9
W10	23 52 48	26°17'08	14♍18	13°18	15°18	29°22	29°23	3°45	3°17	8°16	26°19	24°53	24°40	12° 9	20°35	W10
T 11	23 56 45	27°16'02	29°28	15° 4	16°27	29°53	29°29	3°44	3°20	8°15	26°18	24°R53	24°37	12°16	20°39	T 11
F 12	0 0 41	28°14'58	14♎31	16°50	17°37	0♋23	29°34	3°42	3°24	8°14	26°17	24°52	24°34	12°23	20°43	F 12
S 13	0 4 38	29°13'55	29°19	18°37	18°46	0°53	29°39	3°40	3°28	8°12	26°16	24°52	24°30	12°29	20°47	S 13
S 14	0 8 34	0♎12'55	13♏45	20°25	19°56	1°23	29°44	3°39	3°32	8°11	26°15	24°52	24°27	12°36	20°51	S 14
M15	0 12 31	1°11'56	27°46	22°13	21° 6	1°53	29°49	3°37	3°35	8°10	26°14	24°51	24°24	12°43	20°54	M15
T 16	0 16 27	2°10'59	11♐19	24° 2	22°16	2°22	29°53	3°36	3°39	8° 9	26°13	24°50	24°21	12°49	20°58	T 16
W17	0 20 24	3°10'04	24°26	25°50	23°26	2°51	29°57	3°35	3°43	8° 7	26°12	24°50	24°18	12°56	21° 1	W17
T 18	0 24 21	4° 9'11	7♑10	27°38	24°36	3°20	0♋ 2	3°34	3°47	8° 6	26°11	24°D50	24°15	13° 3	21° 5	T 18
F 19	0 28 17	5° 8'20	19°34	29°26	25°46	3°48	0° 6	3°33	3°51	8° 5	26°10	24°50	24°11	13° 9	21° 8	F 19
S 20	0 32 14	6° 7'30	1♒43	1♎13	26°57	4°16	0°10	3°32	3°54	8° 3	26° 9	24°51	24° 8	13°16	21°11	S 20
S 21	0 36 10	7° 6'42	13°41	3° 0	28° 7	4°44	0°13	3°31	3°58	8° 2	26° 8	24°52	24° 5	13°22	21°15	S 21
M22	0 40 7	8° 5'56	25°32	4°46	29°18	5°11	0°17	3°30	4° 2	8° 0	26° 7	24°53	24° 2	13°29	21°18	M22
T 23	0 44 3	9° 5'12	7♓19	6°31	0♍29	5°38	0°20	3°30	4° 6	7°59	26° 6	24°54	23°59	13°36	21°21	T 23
W24	0 48 0	10° 4'29	19° 7	8°16	1°40	6° 5	0°23	3°29	4° 9	7°58	26° 6	24°R55	23°55	13°42	21°24	W24
T 25	0 51 56	11° 3'49	0♈59	10° 1	2°51	6°32	0°26	3°29	4°13	7°56	26° 5	24°55	23°52	13°49	21°27	T 25
F 26	0 55 53	12° 3'11	12°55	11°44	4° 2	6°58	0°29	3°29	4°17	7°55	26° 4	24°54	23°49	13°56	21°29	F 26
S 27	0 59 50	13° 2'35	24°59	13°27	5°14	7°24	0°31	3°28	4°21	7°53	26° 3	24°52	23°46	14° 2	21°32	S 27
S 28	1 3 46	14° 2'00	7♉13	15° 9	6°25	7°49	0°34	3°28	4°24	7°52	26° 2	24°50	23°43	14° 9	21°35	S 28
M29	1 7 43	15° 1'29	19°37	16°51	7°37	8°14	0°36	3°D28	4°28	7°50	26° 2	24°47	23°40	14°16	21°37	M29
T 30	1 11 39	16♎ 0'59	2♊13	18♎31	8♍48	8♋39	0♋38	3♒28	4♎32	7♉49	26♒ 1	24♍43	23♍36	14♓22	21♋40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n57	11n19	3s46	12n21	0n48	18n19	0s45	23n13	0s10	23n 4	0s25	20s 7	0s51	0s28	0n41	12n35	1s51	24s 4	12s 7	2n 3	1n56	6s15	15n33	6s32
T 2	4 35	14 7	4 29	12 6	0 59	18 7	0 41	23 16	0 8	23 4	0 25	20 7	0 51	0 29	0 41	12 35	1 51	24 4	12 7	2 2	1 57	6 13	15 31	6 33
W 3	4 12	16 18	5 0	11 47	1 10	17 54	0 37	23 18	0 7	23 5	0 25	20 8	0 51	0 31	0 41	12 35	1 51	24 5	12 7	2 2	1 59	6 11	15 30	6 33
T 4	3 49	17 44	5 16	11 26	1 19	17 41	0 32	23 21	0 6	23 5	0 25	20 8	0 51	0 32	0 41	12 34	1 51	24 5	12 7	2 2	2 0	6 9	15 29	6 34
F 5	3 25	18 13	5 16	11 1	1 27	17 27	0 28	23 23	0 5	23 5	0 25	20 9	0 51	0 34	0 41	12 34	1 51	24 5	12 7	2 2	2 1	6 8	15 28	6 34
S 6	3 2	17 40	4 58	10 33	1 33	17 12	0 24	23 25	0 3	23 5	0 25	20 9	0 51	0 35	0 41	12 34	1 51	24 6	12 7	2 2	2 2	6 6	15 27	6 35
S 7	2 39	16 0	4 21	10 2	1 39	16 57	0 20	23 27	0 2	23 5	0 25	20 10	0 51	0 37	0 41	12 33	1 51	24 6	12 7	2 2	2 4	6 4	15 26	6 35
M 8	2 16	13 17	3 27	9 29	1 44	16 42	0 16	23 29	0 1	23 5	0 25	20 11	0 51	0 38	0 41	12 33	1 51	24 6	12 7	2 2	2 5	6 3	15 24	6 36
T 9	1 52	9 37	2 18	8 53	1 47	16 26	0 12	23 30	0n 1	23 5	0 25	20 11	0 51	0 40	0 41	12 33	1 51	24 6	12 7	2 2	2 6	6 1	15 23	6 37
W10	1 29	5 18	0 59	8 16	1 50	16 10	0 8	23 32	0 2	23 5	0 25	20 11	0 51	0 41	0 41	12 32	1 51	24 7	12 7	2 2	2 7	5 59	15 22	6 37
T 11	1 5	0 36	0n25	7 37	1 52	15 53	0 4	23 33	0 4	23 5	0 24	20 12	0 51	0 43	0 41	12 32	1 52	24 7	12 6	2 2	2 9	5 57	15 21	6 38
F 12	0 42	4s 5	1 47	6 56	1 52	15 36	0n 0	23 35	0 5	23 5	0 24	20 12	0 51	0 44	0 41	12 31	1 52	24 7	12 6	2 2	2 10	5 56	15 20	6 38
S 13	0 18	8 27	3 0	6 14	1 52	15 18	0 4	23 36	0 6	23 5	0 24	20 13	0 51	0 46	0 41	12 31	1 52	24 8	12 6	2 3	2 11	5 54	15 19	6 39
S 14	0s 5	12 11	4 0	5 31	1 52	15 0	0 8	23 37	0 8	23 5	0 24	20 13	0 51	0 47	0 41	12 30	1 52	24 8	12 6	2 3	2 12	5 52	15 17	6 40
M15	0 29	15 6	4 43	4 47	1 51	14 41	0 11	23 38	0 9	23 5	0 24	20 13	0 51	0 49	0 41	12 30	1 52	24 8	12 6	2 3	2 14	5 50	15 16	6 40
T 16	0 52	17 5	5 9	4 2	1 49	14 22	0 15	23 39	0 11	23 5	0 24	20 14	0 51	0 50	0 41	12 30	1 52	24 8	12 6	2 3	2 15	5 49	15 15	6 41
W17	1 16	18 5	5 18	3 17	1 46	14 2	0 19	23 40	0 12	23 5	0 24	20 14	0 51	0 52	0 41	12 29	1 52	24 9	12 6	2 4	2 16	5 47	15 14	6 41
T 18	1 39	18 8	5 10	2 31	1 43	13 42	0 22	23 41	0 14	23 6	0 24	20 14	0 51	0 53	0 41	12 29	1 52	24 9	12 5	2 4	2 18	5 45	15 13	6 42
F 19	2 3	17 18	4 49	1 45	1 40	13 22	0 26	23 42	0 15	23 6	0 24	20 14	0 51	0 55	0 41	12 28	1 52	24 9	12 5	2 3	2 19	5 43	15 12	6 43
S 20	2 26	15 41	4 14	0 59	1 36	13 1	0 29	23 43	0 17	23 6	0 24	20 15	0 51	0 56	0 41	12 28	1 52	24 9	12 5	2 3	2 20	5 42	15 11	6 43
S 21	2 50	13 25	3 30	0 12	1 31	12 40	0 33	23 43	0 19	23 6	0 24	20 15	0 51	0 58	0 41	12 27	1 52	24 9	12 5	2 3	2 21	5 40	15 9	6 44
M22	3 13	10 36	2 36	0s34	1 27	12 18	0 36	23 44	0 20	23 6	0 24	20 15	0 51	0 59	0 41	12 27	1 52	24 9	12 5	2 2	2 23	5 38	15 8	6 45
T 23	3 37	7 21	1 36	1 21	1 22	11 56	0 39	23 44	0 22	23 6	0 24	20 15	0 51	1 1	0 41	12 26	1 52	24 10	12 5	2 2	2 24	5 36	15 7	6 45
W24	4 0	3 49	0 32	2 7	1 17	11 34	0 42	23 45	0 23	23 6	0 24	20 15	0 51	1 2	0 41	12 26	1 52	24 10	12 5	2 1	2 25	5 35	15 6	6 46
T 25	4 23	0 7	0s34	2 53	1 11	11 11	0 46	23 45	0 25	23 6	0 24	20 15	0 51	1 4	0 41	12 25	1 52	24 10	12 4	2 1	2 26	5 33	15 5	6 47
F 26	4 47	3n37	1 38	3 39	1 5	10 48	0 49	23 45	0 27	23 6	0 24	20 15	0 51	1 5	0 41	12 25	1 52	24 10	12 4	2 2	2 28	5 31	15 4	6 47
S 27	5 10	7 14	2 39	4 24	1 0	10 25	0 52	23 46	0 28	23 6	0 24	20 15	0 51	1 7	0 41	12 24	1 52	24 10	12 4	2 3	2 29	5 29	15 3	6 48
S 28	5 33	10 36	3 33	5 10	0 54	10 1	0 55	23 46	0 30	23 6	0 24	20 15	0 51	1 8	0 41	12 24	1 52	24 10	12 4	2 4	2 30	5 28	15 2	6 49
M29	5 56	13 32	4 18	5 54	0 47	9 37	0 57	23 46	0 32	23 6	0 24	20 15	0 51	1 10	0 41	12 23	1 52	24 10	12 4	2 5	2 31	5 26	15 1	6 49
T 30	6s19	15n54	4s51	6s39	0n41	9n13	1n 0	23n46	0n34	23n 6	0s24	20s15	0s51	1s11	0n41	12n23	1s52	24s10	12s 3	2n 6	2n33	5s24	15n 0	6s50

Julian Day Number = 2287438.5, Delta T = 178.41 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'13, Lahiri = 17°35'14 Julian Calendar 1 Sept. 1550 == Greg. Calendar 11 Sept. 1550

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1550
geocentric

OCTOBER 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 15 36	17♎ 0'31	15♊ 3	20♎12	10♍ 0	9♋ 3	0♋40	3♒28	4♎36	7°R47	26°R 0	24°R40	23♍33	14♓29	21♋42	W 1
T 2	1 19 32	18° 0'06	28° 8	21°51	11°12	9°27	0°41	3°29	4°39	7♉46	25♒59	24♍38	23°30	14°36	21°44	T 2
F 3	1 23 29	18°59'44	11♋30	23°30	12°24	9°51	0°43	3°29	4°43	7°44	25°59	24°37	23°27	14°42	21°46	F 3
S 4	1 27 25	19°59'23	25°11	25° 8	13°36	10°14	0°44	3°30	4°47	7°42	25°58	24°D37	23°24	14°49	21°48	S 4
S 5	1 31 22	20°59'05	9♌10	26°45	14°48	10°37	0°45	3°30	4°50	7°41	25°57	24°38	23°21	14°56	21°50	S 5
M 6	1 35 19	21°58'49	23°28	28°22	16° 0	10°59	0°46	3°31	4°54	7°39	25°57	24°39	23°17	15° 2	21°52	M 6
T 7	1 39 15	22°58'36	8♍ 3	29°59	17°13	11°21	0°46	3°32	4°58	7°38	25°56	24°40	23°14	15° 9	21°54	T 7
W 8	1 43 12	23°58'24	22°50	1♏34	18°25	11°42	0°47	3°33	5° 1	7°36	25°56	24°R41	23°11	15°15	21°56	W 8
T 9	1 47 8	24°58'15	7♎44	3°10	19°38	12° 3	0°R47	3°34	5° 5	7°34	25°55	24°41	23° 8	15°22	21°57	T 9
F 10	1 51 5	25°58'08	22°37	4°44	20°50	12°24	0°47	3°35	5° 9	7°33	25°55	24°39	23° 5	15°29	21°59	F 10
S 11	1 55 1	26°58'03	7♏21	6°18	22° 3	12°44	0°47	3°36	5°12	7°31	25°54	24°35	23° 1	15°35	22° 0	S 11
S 12	1 58 58	27°57'59	21°48	7°52	23°16	13° 3	0°46	3°37	5°16	7°29	25°54	24°30	22°58	15°42	22° 1	S 12
M13	2 2 54	28°57'58	5♐53	9°25	24°29	13°23	0°46	3°39	5°19	7°28	25°53	24°24	22°55	15°49	22° 3	M13
T 14	2 6 51	29°57'58	19°33	10°58	25°41	13°41	0°45	3°40	5°23	7°26	25°53	24°19	22°52	15°55	22° 4	T 14
W15	2 10 48	0♏58'00	2♑46	12°30	26°54	13°59	0°44	3°42	5°26	7°24	25°52	24°15	22°49	16° 2	22° 5	W15
T 16	2 14 44	1°58'04	15°34	14° 2	28° 8	14°17	0°43	3°43	5°30	7°23	25°52	24°12	22°46	16° 9	22° 6	T 16
F 17	2 18 41	2°58'10	28° 0	15°33	29°21	14°34	0°41	3°45	5°33	7°21	25°51	24°D10	22°42	16°15	22° 6	F 17
S 18	2 22 37	3°58'16	10♒ 9	17° 4	0♎34	14°50	0°40	3°47	5°37	7°19	25°51	24°10	22°39	16°22	22° 7	S 18
S 19	2 26 34	4°58'25	22° 5	18°34	1°47	15° 6	0°38	3°49	5°40	7°18	25°51	24°11	22°36	16°29	22° 8	S 19
M20	2 30 30	5°58'35	3♓55	20° 4	3° 1	15°22	0°36	3°51	5°44	7°16	25°51	24°13	22°33	16°35	22° 8	M20
T 21	2 34 27	6°58'47	15°42	21°34	4°14	15°36	0°34	3°53	5°47	7°14	25°50	24°14	22°30	16°42	22° 9	T 21
W22	2 38 23	7°59'00	27°32	23° 3	5°27	15°51	0°31	3°56	5°50	7°13	25°50	24°R15	22°26	16°48	22° 9	W22
T 23	2 42 20	8°59'14	9♈27	24°31	6°41	16° 4	0°29	3°58	5°54	7°11	25°50	24°13	22°23	16°55	22° 9	T 23
F 24	2 46 16	9°59'31	21°33	25°59	7°55	16°17	0°26	4° 1	5°57	7° 9	25°50	24°10	22°20	17° 2	22° 9	F 24
S 25	2 50 13	10°59'49	3♉49	27°26	9° 8	16°30	0°23	4° 3	6° 0	7° 7	25°49	24° 4	22°17	17° 8	22°R 9	S 25
S 26	2 54 10	12° 0'09	16°19	28°53	10°22	16°42	0°20	4° 6	6° 4	7° 6	25°49	23°57	22°14	17°15	22° 9	S 26
M27	2 58 6	13° 0'30	29° 2	0♐20	11°36	16°53	0°16	4° 9	6° 7	7° 4	25°49	23°48	22°11	17°22	22° 9	M27
T 28	3 2 3	14° 0'54	11♊58	1°46	12°50	17° 3	0°13	4°11	6°10	7° 2	25°49	23°38	22° 7	17°28	22° 9	T 28
W29	3 5 59	15° 1'19	25° 7	3°11	14° 4	17°13	0° 9	4°14	6°13	7° 1	25°49	23°30	22° 4	17°35	22° 9	W29
T 30	3 9 56	16° 1'46	8♋28	4°35	15°17	17°22	0° 5	4°17	6°16	6°59	25°49	23°22	22° 1	17°42	22° 8	T 30
F 31	3 13 52	17♏ 2'15	21♋59	5♐58	16♎32	17♋31	0♋ 1	4♒21	6♎19	6♉57	25°D49	23♍17	21♍58	17♓48	22♋ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s42	17n31	5s11	7s23	0n34	8n48	1n 3	23n46	0n35	23n 6	0s24	20s15	0s51	1s13	0n41	12n22	1s52	24s11	12s 3	2n 7	2n34	5s22	14n59	6s51
T 2	7 5	18 15	5 14	8 6	0 28	8 23	1 5	23 46	0 37	23 6	0 24	20 15	0 51	1 14	0 41	12 22	1 52	24 11	12 3	2 8	2 35	5 21	14 58	6 51
F 3	7 27	17 59	5 1	8 49	0 21	7 58	1 8	23 47	0 39	23 6	0 24	20 15	0 51	1 15	0 41	12 21	1 52	24 11	12 3	2 9	2 36	5 19	14 57	6 52
S 4	7 50	16 42	4 31	9 31	0 15	7 33	1 10	23 47	0 41	23 6	0 23	20 15	0 51	1 17	0 41	12 21	1 52	24 11	12 3	2 9	2 38	5 17	14 56	6 53
S 5	8 13	14 23	3 45	10 13	0 8	7 7	1 13	23 47	0 43	23 6	0 23	20 15	0 51	1 18	0 41	12 20	1 52	24 11	12 2	2 8	2 39	5 15	14 55	6 54
M 6	8 35	11 9	2 43	10 54	0 1	6 41	1 15	23 47	0 44	23 6	0 23	20 15	0 51	1 20	0 41	12 20	1 52	24 11	12 2	2 8	2 40	5 14	14 54	6 54
T 7	8 57	7 11	1 30	11 35	0s 6	6 15	1 17	23 47	0 46	23 6	0 23	20 15	0 51	1 21	0 41	12 19	1 52	24 11	12 2	2 7	2 41	5 12	14 53	6 55
W 8	9 19	2 42	0 10	12 15	0 12	5 49	1 19	23 47	0 48	23 6	0 23	20 14	0 51	1 23	0 41	12 18	1 52	24 11	12 2	2 7	2 43	5 10	14 52	6 56
T 9	9 41	1s59	1n11	12 54	0 19	5 22	1 21	23 47	0 50	23 6	0 23	20 14	0 51	1 24	0 41	12 18	1 52	24 11	12 2	2 7	2 44	5 8	14 51	6 56
F 10	10 3	6 32	2 27	13 32	0 26	4 55	1 23	23 47	0 52	23 6	0 23	20 14	0 51	1 26	0 41	12 17	1 52	24 11	12 1	2 8	2 45	5 6	14 50	6 57
S 11	10 25	10 39	3 33	14 10	0 33	4 28	1 25	23 47	0 54	23 6	0 23	20 14	0 51	1 27	0 41	12 17	1 52	24 11	12 1	2 9	2 47	5 5	14 49	6 58
S 12	10 47	14 1	4 23	14 47	0 39	4 1	1 27	23 47	0 56	23 7	0 23	20 13	0 51	1 28	0 41	12 16	1 52	24 11	12 1	2 11	2 48	5 3	14 48	6 58
M13	11 8	16 29	4 56	15 23	0 46	3 34	1 29	23 47	0 58	23 7	0 23	20 13	0 51	1 30	0 41	12 16	1 52	24 11	12 1	2 14	2 49	5 1	14 47	6 59
T 14	11 29	17 55	5 11	15 59	0 52	3 6	1 30	23 48	1 0	23 7	0 23	20 13	0 51	1 31	0 41	12 15	1 52	24 11	12 0	2 16	2 50	4 59	14 46	7 0
W15	11 50	18 20	5 8	16 34	0 59	2 38	1 32	23 48	1 3	23 7	0 23	20 12	0 51	1 33	0 41	12 15	1 52	24 11	12 0	2 18	2 52	4 58	14 45	7 1
T 16	12 11	17 46	4 51	17 8	1 5	2 11	1 33	23 48	1 5	23 7	0 23	20 12	0 51	1 34	0 41	12 14	1 52	24 10	12 0	2 19	2 53	4 56	14 45	7 1
F 17	12 32	16 22	4 19	17 41	1 12	1 43	1 35	23 48	1 7	23 7	0 23	20 11	0 51	1 35	0 41	12 14	1 52	24 10	12 0	2 19	2 54	4 54	14 44	7 2
S 18	12 52	14 15	3 37	18 13	1 18	1 15	1 36	23 49	1 9	23 7	0 23	20 11	0 51	1 37	0 41	12 13	1 52	24 10	12 0	2 19	2 55	4 52	14 43	7 3
S 19	13 13	11 34	2 46	18 44	1 24	0 47	1 37	23 49	1 11	23 7	0 23	20 10	0 51	1 38	0 41	12 12	1 52	24 10	11 59	2 19	2 57	4 51	14 42	7 4
M20	13 33	8 25	1 48	19 14	1 30	0 18	1 38	23 49	1 13	23 7	0 23	20 10	0 51	1 39	0 41	12 12	1 52	24 10	11 59	2 18	2 58	4 49	14 41	7 4
T 21	13 53	4 56	0 46	19 44	1 35	0s10	1 40	23 50	1 16	23 7	0 22	20 9	0 51	1 41	0 41	12 11	1 52	24 10	11 59	2 18	2 59	4 47	14 41	7 5
W22	14 12	1 16	0s18	20 12	1 41	0 38	1 40	23 51	1 18	23 7	0 22	20 9	0 51	1 42	0 41	12 11	1 52	24 10	11 59	2 17	3 0	4 45	14 40	7 6
T 23	14 32	2n30	1 22	20 40	1 46	1 6	1 41	23 51	1 20	23 7	0 22	20 8	0 51	1 43	0 41	12 10	1 52	24 10	11 58	2 18	3 2	4 43	14 39	7 6
F 24	14 51	6 13	2 22	21 6	1 51	1 35	1 42	23 52	1 23	23 7	0 22	20 8	0 51	1 45	0 41	12 10	1 52	24 9	11 58	2 19	3 3	4 42	14 38	7 7
S 25	15 10	9 43	3 17	21 31	1 56	2 3	1 43	23 53	1 25	23 7	0 22	20 7	0 51	1 46	0 41	12 9	1 52	24 9	11 58	2 22	3 4	4 40	14 38	7 8
S 26	15 28	12 52	4 4	21 56	2 1	2 32	1 43	23 54	1 27	23 8	0 22	20 6	0 51	1 47	0 41	12 9	1 52	24 9	11 58	2 25	3 5	4 38	14 37	7 9
M27	15 47	15 27	4 39	22 19	2 6	3 0	1 44	23 55	1 30	23 8	0 22	20 6	0 51	1 48	0 41	12 8	1 52	24 9	11 57	2 28	3 7	4 36	14 36	7 9
T 28	16 5	17 19	5 0	22 41	2 10	3 29	1 44	23 56	1 32	23 8	0 22	20 5	0 51	1 50	0 41	12 8	1 52	24 9	11 57	2 32	3 8	4 35	14 36	7 10
W29	16 23	18 18	5 7	23 2	2 14	3 57	1 45	23 57	1 35	23 8	0 22	20 4	0 51	1 51	0 41	12 7	1 52	24 8	11 57	2 35	3 9	4 33	14 35	7 11
T 30	16 40	18 18	4 56	23 21	2 17	4 25	1 45	23 58	1 37	23 8	0 22	20 4	0 51	1 52	0 41	12 6	1 52	24 8	11 57	2 38	3 10	4 31	14 34	7 11
F 31	16s58	17n16	4s29	23s40	2s21	4s53	1n45	24n 0	1n40	23n 8	0s22	20s 3	0s51	1s53	0n41	12n 6	1s52	24s 8	11s56	2n40	3n12	4s29	14n34	7s12

Julian Day Number = 2287468.5, Delta T = 178.23 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'17, Lahiri = 17°35'18 Julian Calendar 1 Oct. 1550 == Greg. Calendar 11 Oct. 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

NOVEMBER 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 17 49	18♏ 2'46	5♌42	7♐21	17♎46	17♋39	29°R57	4♒24	6♎23	6°R56	25♒49	23°R14	21♍55	17♓55	22°R 7	S 1
S 2	3 21 45	19° 3'18	19°36	8°43	19° 0	17°46	29♊52	4°27	6°26	6♉54	25°49	23°D14	21°52	18° 2	22♋ 6	S 2
M 3	3 25 42	20° 3'52	3♍40	10° 3	20°14	17°52	29°47	4°30	6°29	6°52	25°49	23♍14	21°48	18° 8	22° 5	M 3
T 4	3 29 39	21° 4'29	17°54	11°23	21°28	17°57	29°43	4°34	6°32	6°51	25°49	23°R15	21°45	18°15	22° 4	T 4
W 5	3 33 35	22° 5'07	2♎17	12°40	22°42	18° 2	29°38	4°38	6°34	6°49	25°49	23°15	21°42	18°21	22° 3	W 5
T 6	3 37 32	23° 5'46	16°45	13°57	23°57	18° 6	29°32	4°41	6°37	6°48	25°49	23°12	21°39	18°28	22° 2	T 6
F 7	3 41 28	24° 6'28	1♏14	15°11	25°11	18° 9	29°27	4°45	6°40	6°46	25°50	23° 8	21°36	18°35	22° 1	F 7
S 8	3 45 25	25° 7'10	15°39	16°23	26°25	18°12	29°22	4°49	6°43	6°44	25°50	23° 0	21°32	18°41	22° 0	S 8
S 9	3 49 21	26° 7'55	29°52	17°33	27°40	18°14	29°16	4°53	6°46	6°43	25°50	22°50	21°29	18°48	21°58	S 9
M10	3 53 18	27° 8'41	13♐49	18°40	28°54	18°14	29°10	4°57	6°49	6°41	25°50	22°39	21°26	18°55	21°57	M10
T 11	3 57 14	28° 9'28	27°25	19°45	0♏ 9	18°R14	29° 4	5° 1	6°51	6°40	25°51	22°28	21°23	19° 1	21°55	T 11
W12	4 1 11	29°10'16	10♑38	20°45	1°23	18°14	28°58	5° 5	6°54	6°38	25°51	22°18	21°20	19° 8	21°53	W12
T 13	4 5 8	0♐11'05	23°27	21°42	2°38	18°12	28°52	5° 9	6°57	6°37	25°51	22°10	21°17	19°15	21°51	T 13
F 14	4 9 4	1°11'55	5♒56	22°34	3°53	18°10	28°45	5°14	6°59	6°35	25°52	22° 4	21°13	19°21	21°50	F 14
S 15	4 13 1	2°12'46	18° 6	23°20	5° 7	18° 6	28°39	5°18	7° 2	6°34	25°52	22° 1	21°10	19°28	21°48	S 15
S 16	4 16 57	3°13'38	0♓ 3	24° 1	6°22	18° 2	28°32	5°22	7° 4	6°32	25°52	22°D 0	21° 7	19°35	21°45	S 16
M17	4 20 54	4°14'31	11°53	24°35	7°37	17°57	28°26	5°27	7° 7	6°31	25°53	22° 0	21° 4	19°41	21°43	M17
T 18	4 24 50	5°15'25	23°40	25° 2	8°51	17°51	28°19	5°32	7° 9	6°29	25°53	22°R 0	21° 1	19°48	21°41	T 18
W19	4 28 47	6°16'19	5♈31	25°20	10° 6	17°45	28°12	5°36	7°12	6°28	25°54	22° 0	20°58	19°55	21°39	W19
T 20	4 32 43	7°17'14	17°30	25°R29	11°21	17°37	28° 4	5°41	7°14	6°26	25°54	21°57	20°54	20° 1	21°36	T 20
F 21	4 36 40	8°18'10	29°41	25°28	12°36	17°29	27°57	5°46	7°16	6°25	25°55	21°51	20°51	20° 8	21°34	F 21
S 22	4 40 37	9°19'07	12♉ 9	25°17	13°50	17°19	27°50	5°51	7°19	6°24	25°55	21°43	20°48	20°14	21°31	S 22
S 23	4 44 33	10°20'05	24°54	24°54	15° 5	17° 9	27°43	5°56	7°21	6°22	25°56	21°32	20°45	20°21	21°28	S 23
M24	4 48 30	11°21'04	7♊57	24°20	16°20	16°58	27°35	6° 1	7°23	6°21	25°57	21°19	20°42	20°28	21°26	M24
T 25	4 52 26	12°22'03	21°17	23°34	17°35	16°47	27°27	6° 6	7°25	6°20	25°57	21° 6	20°38	20°34	21°23	T 25
W26	4 56 23	13°23'04	4♋51	22°38	18°50	16°34	27°20	6°11	7°27	6°18	25°58	20°53	20°35	20°41	21°20	W26
T 27	5 0 19	14°24'05	18°36	21°32	20° 5	16°21	27°12	6°17	7°29	6°17	25°59	20°43	20°32	20°48	21°17	T 27
F 28	5 4 16	15°25'07	2♌30	20°18	21°20	16° 7	27° 4	6°22	7°31	6°16	25°59	20°34	20°29	20°54	21°14	F 28
S 29	5 8 13	16°26'11	16°29	18°59	22°35	15°52	26°56	6°27	7°33	6°15	26° 0	20°29	20°26	21° 1	21°11	S 29
S 30	5 12 9	17♐27'15	0♍30	17♐37	23♏50	15♋36	26♊48	6♒33	7♎35	6♉14	26♒ 1	20♍27	20♍23	21♓ 8	21♋ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s15	15n13	3s47	23s57	2s24	5s22	1n45	24n 1	1n42	23n 8	0s22	20s 2	0s51	1s55	0n41	12n 5	1s52	24s 8	11s56	2n41	3n13	4s27	14n33	7s13
S 2	17 32	12 17	2 50	24 13	2 26	5 50	1 45	24 3	1 45	23 8	0 22	20 1	0 51	1 56	0 41	12 5	1 52	24 7	11 56	2 42	3 14	4 26	14 33	7 13
M 3	17 48	8 35	1 43	24 27	2 28	6 18	1 45	24 5	1 48	23 8	0 21	20 0	0 51	1 57	0 41	12 4	1 52	24 7	11 56	2 41	3 15	4 24	14 32	7 14
T 4	18 4	4 21	0 29	24 40	2 30	6 46	1 45	24 7	1 50	23 8	0 21	20 0	0 51	1 58	0 41	12 4	1 52	24 7	11 55	2 41	3 17	4 22	14 32	7 15
W 5	18 20	0s10	0n48	24 52	2 31	7 14	1 45	24 9	1 53	23 8	0 21	19 59	0 51	1 59	0 41	12 3	1 52	24 7	11 55	2 41	3 18	4 20	14 31	7 16
T 6	18 35	4 43	2 2	25 2	2 32	7 41	1 45	24 11	1 56	23 8	0 21	19 58	0 51	2 0	0 41	12 3	1 52	24 6	11 55	2 42	3 19	4 18	14 31	7 16
F 7	18 51	8 59	3 8	25 11	2 32	8 9	1 44	24 13	1 58	23 9	0 21	19 57	0 51	2 1	0 41	12 2	1 52	24 6	11 55	2 44	3 20	4 17	14 30	7 17
S 8	19 5	12 42	4 2	25 19	2 31	8 36	1 44	24 15	2 1	23 9	0 21	19 56	0 51	2 3	0 41	12 2	1 52	24 6	11 54	2 47	3 22	4 15	14 30	7 18
S 9	19 20	15 37	4 40	25 24	2 30	9 3	1 43	24 18	2 4	23 9	0 21	19 55	0 51	2 4	0 41	12 1	1 52	24 5	11 54	2 51	3 23	4 13	14 29	7 18
M10	19 34	17 33	5 0	25 29	2 28	9 30	1 43	24 20	2 7	23 9	0 21	19 54	0 51	2 5	0 41	12 1	1 52	24 5	11 54	2 55	3 24	4 11	14 29	7 19
T 11	19 48	18 26	5 2	25 31	2 26	9 57	1 42	24 23	2 9	23 9	0 21	19 53	0 51	2 6	0 41	12 0	1 52	24 5	11 54	3 0	3 25	4 10	14 28	7 20
W12	20 1	18 17	4 48	25 32	2 22	10 24	1 41	24 26	2 12	23 9	0 21	19 52	0 51	2 7	0 41	12 0	1 52	24 4	11 53	3 4	3 27	4 8	14 28	7 20
T 13	20 14	17 11	4 20	25 32	2 18	10 50	1 41	24 29	2 15	23 9	0 21	19 51	0 51	2 8	0 41	11 59	1 52	24 4	11 53	3 7	3 28	4 6	14 28	7 21
F 14	20 27	15 17	3 40	25 30	2 13	11 17	1 40	24 32	2 18	23 9	0 20	19 50	0 51	2 9	0 41	11 59	1 52	24 4	11 53	3 9	3 29	4 4	14 27	7 21
S 15	20 39	12 44	2 50	25 26	2 6	11 42	1 39	24 36	2 21	23 9	0 20	19 49	0 51	2 10	0 41	11 58	1 52	24 3	11 52	3 10	3 30	4 2	14 27	7 22
S 16	20 51	9 42	1 54	25 20	1 59	12 8	1 38	24 39	2 24	23 9	0 20	19 48	0 51	2 11	0 41	11 58	1 52	24 3	11 52	3 11	3 32	4 1	14 27	7 23
M17	21 3	6 18	0 54	25 13	1 50	12 33	1 37	24 42	2 27	23 9	0 20	19 47	0 51	2 12	0 41	11 58	1 52	24 3	11 52	3 11	3 33	3 59	14 26	7 23
T 18	21 14	2 39	0s 9	25 4	1 40	12 59	1 35	24 46	2 29	23 9	0 20	19 45	0 51	2 13	0 41	11 57	1 52	24 2	11 52	3 11	3 34	3 57	14 26	7 24
W19	21 24	1n 6	1 11	24 53	1 28	13 23	1 34	24 50	2 32	23 9	0 20	19 44	0 51	2 14	0 41	11 57	1 52	24 2	11 51	3 11	3 36	3 55	14 26	7 24
T 20	21 35	4 52	2 11	24 40	1 15	13 48	1 33	24 54	2 35	23 9	0 20	19 43	0 51	2 15	0 42	11 56	1 52	24 1	11 51	3 12	3 37	3 53	14 26	7 25
F 21	21 45	8 29	3 6	24 26	1 1	14 12	1 32	24 58	2 38	23 9	0 20	19 42	0 51	2 15	0 42	11 56	1 52	24 1	11 51	3 14	3 38	3 52	14 25	7 26
S 22	21 54	11 49	3 53	24 10	0 45	14 36	1 30	25 2	2 41	23 9	0 20	19 41	0 51	2 16	0 42	11 55	1 52	24 1	11 51	3 18	3 39	3 50	14 25	7 26
S 23	22 3	14 41	4 29	23 52	0 28	14 59	1 29	25 6	2 44	23 9	0 19	19 39	0 51	2 17	0 42	11 55	1 52	24 0	11 50	3 22	3 41	3 48	14 25	7 27
M24	22 12	16 52	4 53	23 33	0 10	15 22	1 27	25 10	2 47	23 9	0 19	19 38	0 51	2 18	0 42	11 55	1 52	24 0	11 50	3 27	3 42	3 46	14 25	7 27
T 25	22 20	18 13	5 0	23 11	0n 9	15 45	1 26	25 14	2 49	23 9	0 19	19 37	0 51	2 19	0 42	11 54	1 52	23 59	11 50	3 32	3 43	3 44	14 25	7 28
W26	22 28	18 33	4 52	22 48	0 29	16 7	1 24	25 19	2 52	23 9	0 19	19 36	0 51	2 20	0 42	11 54	1 52	23 59	11 50	3 37	3 44	3 42	14 25	7 28
T 27	22 35	17 48	4 26	22 24	0 49	16 29	1 22	25 23	2 55	23 9	0 19	19 34	0 51	2 20	0 42	11 53	1 52	23 58	11 50	3 41	3 46	3 41	14 25	7 29
F 28	22 42	16 0	3 45	21 59	1 9	16 50	1 20	25 28	2 58	23 9	0 19	19 33	0 51	2 21	0 42	11 53	1 52	23 58	11 49	3 45	3 47	3 39	14 25	7 29
S 29	22 48	13 15	2 49	21 34	1 29	17 11	1 19	25 32	3 1	23 9	0 19	19 32	0 51	2 22	0 42	11 53	1 52	23 57	11 49	3 47	3 48	3 37	14 25	7 30
S 30	22s54	9n42	1s43	21s 8	1n47	17s32	1n17	25n37	3n 3	23n 9	0s19	19s30	0s51	2s23	0n42	11n52	1s51	23s57	11s49	3n48	3n49	3s35	14n25	7s30

Julian Day Number = 2287499.5, Delta T = 178.05 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'21, Lahiri = 17°35'22 Julian Calendar 1 Nov. 1550 == Greg. Calendar 11 Nov. 1550

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ASTRODIENST EPHEMERIS for the year 1550
geocentric

DECEMBER 1550 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 16 6	18♐28'20	14♍34	16°R14	25♏ 5	15°R20	26°R40	6♒38	7♎37	6°R12	26♒ 2	20°R26	20♍19	21♓14	21°R 4	M 1
T 2	5 20 2	19°29'26	28°38	14♐53	26°20	15♋ 2	26♊32	6°44	7°39	6♉11	26° 2	20♍26	20°16	21°21	21♋ 1	T 2
W 3	5 23 59	20°30'33	12♎43	13°38	27°35	14°44	26°24	6°50	7°40	6°10	26° 3	20°25	20°13	21°28	20°58	W 3
T 4	5 27 55	21°31'40	26°48	12°30	28°50	14°26	26°16	6°55	7°42	6° 9	26° 4	20°22	20°10	21°34	20°54	T 4
F 5	5 31 52	22°32'49	10♏50	11°31	0♐ 5	14° 7	26° 8	7° 1	7°44	6° 8	26° 5	20°16	20° 7	21°41	20°51	F 5
S 6	5 35 48	23°33'58	24°47	10°42	1°20	13°47	26° 0	7° 7	7°45	6° 7	26° 6	20° 7	20° 4	21°47	20°47	S 6
S 7	5 39 45	24°35'08	8♐35	10° 3	2°35	13°27	25°52	7°13	7°47	6° 6	26° 7	19°55	20° 0	21°54	20°43	S 7
M 8	5 43 42	25°36'18	22°11	9°36	3°50	13° 6	25°44	7°19	7°48	6° 5	26° 8	19°42	19°57	22° 1	20°40	M 8
T 9	5 47 38	26°37'29	5♑31	9°19	5° 5	12°44	25°36	7°25	7°50	6° 4	26° 9	19°29	19°54	22° 7	20°36	T 9
W10	5 51 35	27°38'40	18°34	9°D12	6°21	12°22	25°27	7°31	7°51	6° 3	26°10	19°16	19°51	22°14	20°32	W10
T 11	5 55 31	28°39'51	1♒17	9°15	7°36	12° 0	25°19	7°37	7°52	6° 2	26°11	19° 6	19°48	22°21	20°28	T 11
F 12	5 59 28	29°41'03	13°42	9°27	8°51	11°37	25°11	7°43	7°54	6° 1	26°12	18°58	19°44	22°27	20°24	F 12
S 13	6 3 24	0♑42'14	25°51	9°47	10° 6	11°14	25° 3	7°49	7°55	6° 1	26°13	18°54	19°41	22°34	20°20	S 13
S 14	6 7 21	1°43'25	7♓48	10°14	11°21	10°51	24°55	7°55	7°56	6° 0	26°14	18°51	19°38	22°41	20°16	S 14
M15	6 11 17	2°44'36	19°38	10°48	12°36	10°27	24°47	8° 2	7°57	5°59	26°15	18°D51	19°35	22°47	20°12	M15
T 16	6 15 14	3°45'47	1♈25	11°28	13°52	10° 4	24°39	8° 8	7°58	5°58	26°16	18°R51	19°32	22°54	20° 8	T 16
W17	6 19 11	4°46'57	13°16	12°14	15° 7	9°40	24°31	8°14	7°59	5°58	26°17	18°51	19°29	23° 1	20° 4	W17
T 18	6 23 7	5°48'08	25°15	13° 4	16°22	9°16	24°23	8°21	8° 0	5°57	26°18	18°49	19°25	23° 7	20° 0	T 18
F 19	6 27 4	6°49'18	7♉28	13°58	17°37	8°52	24°15	8°27	8° 1	5°56	26°19	18°45	19°22	23°14	19°56	F 19
S 20	6 31 0	7°50'28	20° 0	14°56	18°52	8°28	24° 8	8°34	8° 2	5°56	26°21	18°38	19°19	23°21	19°52	S 20
S 21	6 34 57	8°51'37	2♊53	15°57	20° 8	8° 4	24° 0	8°40	8° 2	5°55	26°22	18°29	19°16	23°27	19°47	S 21
M22	6 38 53	9°52'47	16° 9	17° 2	21°23	7°40	23°52	8°47	8° 3	5°54	26°23	18°18	19°13	23°34	19°43	M22
T 23	6 42 50	10°53'56	29°48	18° 9	22°38	7°17	23°45	8°53	8° 4	5°54	26°24	18° 6	19°10	23°40	19°39	T 23
W24	6 46 46	11°55'04	13♋45	19°18	23°53	6°53	23°38	9° 0	8° 4	5°53	26°26	17°55	19° 6	23°47	19°34	W24
T 25	6 50 43	12°56'13	27°58	20°30	25° 8	6°30	23°30	9° 7	8° 5	5°53	26°27	17°45	19° 3	23°54	19°30	T 25
F 26	6 54 40	13°57'21	12♌19	21°43	26°24	6° 7	23°23	9°14	8° 5	5°53	26°28	17°38	19° 0	24° 0	19°26	F 26
S 27	6 58 36	14°58'29	26°44	22°58	27°39	5°44	23°16	9°20	8° 6	5°52	26°29	17°34	18°57	24° 7	19°21	S 27
S 28	7 2 33	15°59'37	11♍ 8	24°15	28°54	5°22	23° 9	9°27	8° 6	5°52	26°31	17°D32	18°54	24°14	19°17	S 28
M29	7 6 29	17° 0'44	25°26	25°33	0♑ 9	5° 0	23° 2	9°34	8° 6	5°52	26°32	17°32	18°50	24°20	19°12	M29
T 30	7 10 26	18° 1'52	9♎36	26°52	1°24	4°39	22°55	9°41	8° 7	5°51	26°33	17°33	18°47	24°27	19° 8	T 30
W31	7 14 22	19♑ 2'59	23♎38	28♐13	2♑40	4♋18	22♊49	9♒48	8♎ 7	5♉51	26♒35	17°R33	18♍44	24♓34	19♋ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 0	5n37	0s31	20s43	2n 4	17s52	1n15	25n42	3n 6	23n 9	0s18	19s29	0s51	2s23	0n42	11n52	1s51	23s56	11s49	3n48	3n51	3s33	14n25	7s31
T 2	23 5	1 12	0n43	20 20	2 19	18 12	1 13	25 46	3 9	23 9	0 18	19 27	0 51	2 24	0 42	11 52	1 51	23 56	11 48	3 48	3 52	3 32	14 25	7 31
W 3	23 9	3s16	1 55	19 59	2 32	18 31	1 11	25 51	3 11	23 9	0 18	19 26	0 51	2 25	0 42	11 51	1 51	23 55	11 48	3 48	3 53	3 30	14 25	7 32
T 4	23 13	7 34	2 59	19 40	2 42	18 49	1 9	25 55	3 14	23 9	0 18	19 25	0 51	2 25	0 42	11 51	1 51	23 55	11 48	3 49	3 54	3 28	14 25	7 32
F 5	23 17	11 25	3 53	19 24	2 50	19 8	1 7	26 0	3 16	23 8	0 18	19 23	0 51	2 26	0 42	11 51	1 51	23 54	11 48	3 52	3 56	3 26	14 25	7 33
S 6	23 20	14 36	4 32	19 12	2 56	19 25	1 5	26 5	3 19	23 8	0 18	19 22	0 51	2 26	0 42	11 50	1 51	23 54	11 47	3 55	3 57	3 24	14 25	7 33
S 7	23 23	16 56	4 55	19 3	2 59	19 42	1 3	26 9	3 21	23 8	0 18	19 20	0 51	2 27	0 42	11 50	1 51	23 53	11 47	4 0	3 58	3 23	14 25	7 33
M 8	23 25	18 16	5 0	18 58	3 1	19 59	1 0	26 14	3 24	23 8	0 17	19 19	0 51	2 28	0 42	11 50	1 51	23 53	11 47	4 5	3 59	3 21	14 25	7 34
T 9	23 27	18 34	4 49	18 55	3 1	20 15	0 58	26 18	3 26	23 8	0 17	19 17	0 51	2 28	0 42	11 50	1 51	23 52	11 47	4 10	4 1	3 19	14 25	7 34
W10	23 28	17 52	4 23	18 56	2 59	20 30	0 56	26 22	3 28	23 8	0 17	19 16	0 51	2 29	0 42	11 49	1 51	23 52	11 47	4 15	4 2	3 17	14 26	7 35
T 11	23 29	16 17	3 44	19 0	2 56	20 45	0 54	26 26	3 30	23 8	0 17	19 14	0 51	2 29	0 42	11 49	1 51	23 51	11 46	4 19	4 3	3 15	14 26	7 35
F 12	23 30	13 57	2 55	19 6	2 51	20 59	0 51	26 31	3 32	23 8	0 17	19 13	0 51	2 29	0 42	11 49	1 51	23 51	11 46	4 22	4 4	3 13	14 26	7 35
S 13	23 30	11 4	1 59	19 14	2 46	21 13	0 49	26 35	3 34	23 7	0 17	19 11	0 51	2 30	0 42	11 49	1 51	23 50	11 46	4 24	4 6	3 12	14 26	7 36
S 14	23 29	7 46	0 58	19 24	2 40	21 26	0 47	26 38	3 36	23 7	0 17	19 9	0 51	2 30	0 42	11 49	1 51	23 49	11 46	4 25	4 7	3 10	14 27	7 36
M15	23 28	4 11	0s 4	19 36	2 33	21 38	0 44	26 42	3 38	23 7	0 16	19 8	0 51	2 31	0 42	11 48	1 51	23 49	11 46	4 25	4 8	3 8	14 27	7 36
T 16	23 26	0 27	1 6	19 49	2 25	21 50	0 42	26 46	3 40	23 7	0 16	19 6	0 51	2 31	0 42	11 48	1 51	23 48	11 45	4 25	4 9	3 6	14 27	7 36
W17	23 24	3n19	2 6	20 2	2 18	22 1	0 39	26 49	3 41	23 7	0 16	19 5	0 51	2 31	0 42	11 48	1 51	23 48	11 45	4 25	4 11	3 4	14 27	7 37
T 18	23 22	6 59	3 1	20 17	2 10	22 11	0 37	26 52	3 43	23 7	0 16	19 3	0 51	2 32	0 42	11 48	1 51	23 47	11 45	4 26	4 12	3 3	14 28	7 37
F 19	23 19	10 26	3 48	20 31	2 1	22 21	0 34	26 55	3 44	23 6	0 16	19 1	0 51	2 32	0 42	11 48	1 50	23 47	11 45	4 28	4 13	3 1	14 28	7 37
S 20	23 16	13 30	4 26	20 47	1 53	22 30	0 32	26 58	3 45	23 6	0 16	19 0	0 51	2 32	0 43	11 47	1 50	23 46	11 45	4 30	4 14	2 59	14 29	7 37
S 21	23 12	16 1	4 52	21 2	1 44	22 38	0 29	27 1	3 47	23 6	0 15	18 58	0 52	2 33	0 43	11 47	1 50	23 45	11 45	4 34	4 16	2 57	14 29	7 38
M22	23 8	17 46	5 2	21 17	1 35	22 46	0 27	27 4	3 48	23 6	0 15	18 56	0 52	2 33	0 43	11 47	1 50	23 45	11 44	4 38	4 17	2 55	14 29	7 38
T 23	23 3	18 33	4 57	21 32	1 26	22 53	0 24	27 6	3 49	23 6	0 15	18 54	0 52	2 33	0 43	11 47	1 50	23 44	11 44	4 43	4 18	2 53	14 30	7 38
W24	22 58	18 15	4 33	21 47	1 17	22 59	0 22	27 8	3 50	23 6	0 15	18 53	0 52	2 33	0 43	11 47	1 50	23 44	11 44	4 47	4 19	2 52	14 30	7 38
T 25	22 52	16 49	3 52	22 1	1 9	23 5	0 19	27 10	3 50	23 5	0 15	18 51	0 52	2 34	0 43	11 47	1 50	23 43	11 44	4 51	4 21	2 50	14 31	7 38
F 26	22 46	14 19	2 56	22 14	1 0	23 10	0 17	27 12	3 51	23 5	0 15	18 49	0 52	2 34	0 43	11 47	1 50	23 42	11 44	4 54	4 22	2 48	14 31	7 38
S 27	22 39	10 56	1 49	22 27	0 51	23 14	0 14	27 14	3 52	23 5	0 14	18 47	0 52	2 34	0 43	11 47	1 50	23 42	11 44	4 56	4 23	2 46	14 32	7 39
S 28	22 32	6 53	0 34	22 40	0 42	23 18	0 12	27 15	3 52	23 5	0 14	18 46	0 52	2 34	0 43	11 47	1 50	23 41	11 43	4 56	4 24	2 44	14 32	7 39
M29	22 25	2 28	0n42	22 51	0 34	23 21	0 9	27 17	3 53	23 5	0 14	18 44	0 52	2 34	0 43	11 47	1 50	23 41	11 43	4 56	4 26	2 42	14 33	7 39
T 30	22 17	2s 3	1 55	23 2	0 25	23 23	0 6	27 18	3 53	23 4	0 14	18 42	0 52	2 34	0 43	11 47	1 50	23 40	11 43	4 56	4 27	2 41	14 33	7 39
W31	22s 8	6s24	3n 1	23s12	0n17	23s24	0n 4	27n19	3n53	23n 4	0s14	18s40	0s52	2s34	0n43	11n47	1s50	23s39	11s43	4n56	4n28	2s39	14n34	7s39

Julian Day Number = 2287529.5, Delta T = 177.87 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'26, Lahiri = 17°35'26 Julian Calendar 1 Dec. 1550 == Greg. Calendar 11 Dec. 1550

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

JANUARY 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 18 19	20♉ 4'06	7♏30	29♐35	3♉55	3°R58	22°R42	9♒54	8♎ 7	5°R51	26♒36	17°R31	18♍41	24♓40	18°R59	T 1
F 2	7 22 15	21° 5'13	21°13	0♉58	5°10	3♋38	22♊36	10° 1	8° 7	5♉51	26°38	17♍27	18°38	24°47	18♋55	F 2
S 3	7 26 12	22° 6'20	4♐46	2°21	6°25	3°19	22°30	10° 8	8°R 7	5°50	26°39	17°21	18°35	24°54	18°50	S 3
S 4	7 30 9	23° 7'26	18° 8	3°46	7°41	3° 0	22°24	10°15	8° 7	5°50	26°41	17°13	18°31	25° 0	18°46	S 4
M 5	7 34 5	24° 8'32	1♉18	5°12	8°56	2°42	22°18	10°22	8° 7	5°50	26°42	17° 3	18°28	25° 7	18°42	M 5
T 6	7 38 2	25° 9'37	14°16	6°38	10°11	2°25	22°12	10°29	8° 7	5°50	26°43	16°53	18°25	25°14	18°37	T 6
W 7	7 41 58	26°10'41	26°59	8° 5	11°26	2° 8	22° 6	10°36	8° 7	5°D50	26°45	16°44	18°22	25°20	18°33	W 7
T 8	7 45 55	27°11'45	9♒29	9°33	12°42	1°52	22° 1	10°43	8° 6	5°50	26°46	16°36	18°19	25°27	18°29	T 8
F 9	7 49 51	28°12'48	21°45	11° 1	13°57	1°37	21°56	10°51	8° 6	5°50	26°48	16°31	18°16	25°33	18°24	F 9
S 10	7 53 48	29°13'49	3♓49	12°31	15°12	1°23	21°50	10°58	8° 6	5°50	26°49	16°27	18°12	25°40	18°20	S 10
S 11	7 57 44	0♒14'50	15°44	14° 1	16°27	1° 9	21°46	11° 5	8° 5	5°51	26°51	16°D26	18° 9	25°47	18°16	S 11
M12	8 1 41	1°15'49	27°32	15°32	17°42	0°57	21°41	11°12	8° 5	5°51	26°52	16°27	18° 6	25°53	18°11	M12
T 13	8 5 38	2°16'48	9♈19	17° 3	18°58	0°45	21°36	11°19	8° 4	5°51	26°54	16°28	18° 3	26° 0	18° 7	T 13
W14	8 9 34	3°17'45	21° 8	18°35	20°13	0°33	21°32	11°26	8° 4	5°51	26°56	16°30	18° 0	26° 7	18° 3	W14
T 15	8 13 31	4°18'41	3♉ 6	20° 8	21°28	0°23	21°27	11°33	8° 3	5°51	26°57	16°R31	17°56	26°13	17°59	T 15
F 16	8 17 27	5°19'35	15°17	21°41	22°43	0°13	21°23	11°41	8° 2	5°52	26°59	16°30	17°53	26°20	17°55	F 16
S 17	8 21 24	6°20'29	27°47	23°16	23°58	0° 4	21°19	11°48	8° 2	5°52	27° 0	16°28	17°50	26°27	17°50	S 17
S 18	8 25 20	7°21'20	10♊40	24°50	25°14	29♊56	21°16	11°55	8° 1	5°52	27° 2	16°24	17°47	26°33	17°46	S 18
M19	8 29 17	8°22'11	23°58	26°26	26°29	29°49	21°12	12° 2	8° 0	5°53	27° 3	16°18	17°44	26°40	17°42	M19
T 20	8 33 13	9°23'00	7♋42	28° 2	27°44	29°43	21° 9	12° 9	7°59	5°53	27° 5	16°12	17°41	26°47	17°38	T 20
W21	8 37 10	10°23'48	21°51	29°40	28°59	29°37	21° 6	12°16	7°58	5°54	27° 7	16° 6	17°37	26°53	17°34	W21
T 22	8 41 7	11°24'34	6♌21	1♒17	0♒14	29°33	21° 3	12°24	7°57	5°54	27° 8	16° 1	17°34	27° 0	17°31	T 22
F 23	8 45 3	12°25'19	21° 5	2°56	1°29	29°29	21° 0	12°31	7°56	5°55	27°10	15°58	17°31	27° 6	17°27	F 23
S 24	8 49 0	13°26'03	5♍57	4°35	2°44	29°25	20°58	12°38	7°55	5°55	27°12	15°56	17°28	27°13	17°23	S 24
S 25	8 52 56	14°26'45	20°47	6°16	4° 0	29°23	20°55	12°45	7°54	5°56	27°13	15°D55	17°25	27°20	17°19	S 25
M26	8 56 53	15°27'27	5♎29	7°57	5°15	29°21	20°53	12°52	7°53	5°57	27°15	15°56	17°22	27°26	17°15	M26
T 27	9 0 49	16°28'07	19°59	9°38	6°30	29°20	20°51	13° 0	7°51	5°57	27°17	15°58	17°18	27°33	17°12	T 27
W28	9 4 46	17°28'46	4♏12	11°21	7°45	29°D20	20°49	13° 7	7°50	5°58	27°18	15°59	17°15	27°40	17° 8	W28
T 29	9 8 42	18°29'24	18° 7	13° 5	9° 0	29°21	20°48	13°14	7°49	5°59	27°20	16°R 0	17°12	27°46	17° 5	T 29
F 30	9 12 39	19°30'01	1♐44	14°49	10°15	29°22	20°47	13°21	7°47	6° 0	27°22	15°59	17° 9	27°53	17° 1	F 30
S 31	9 16 36	20♒30'36	15♐ 4	16♒34	11♒30	29♊24	20♊45	13♒28	7♎46	6♉ 1	27♒23	15♍57	17♍ 6	28♓ 0	16♋58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s59	10s21	3n55	23s21	0n 9	23s25	0n 1	27n19	3n53	23n 4	0s14	18s38	0s52	2s34	0n43	11n47	1s50	23s39	11s43	4n57	4n29	2s37	14n34	7s39
F 2	21 50	13 41	4 35	23 28	0 1	23 25	0s 1	27 20	3 53	23 4	0 13	18 37	0 52	2 34	0 43	11 47	1 50	23 38	11 43	4 58	4 30	2 35	14 35	7 39
S 3	21 41	16 15	4 59	23 35	0s 7	23 24	0 4	27 21	3 53	23 4	0 13	18 35	0 52	2 34	0 43	11 47	1 50	23 37	11 43	5 0	4 32	2 33	14 35	7 39
S 4	21 30	17 53	5 6	23 41	0 14	23 22	0 6	27 21	3 53	23 3	0 13	18 33	0 52	2 34	0 43	11 47	1 50	23 37	11 42	5 4	4 33	2 31	14 36	7 39
M 5	21 20	18 33	4 57	23 45	0 22	23 20	0 9	27 21	3 53	23 3	0 13	18 31	0 52	2 34	0 43	11 47	1 49	23 36	11 42	5 8	4 34	2 30	14 37	7 39
T 6	21 9	18 13	4 32	23 49	0 29	23 17	0 11	27 21	3 53	23 3	0 13	18 29	0 52	2 34	0 43	11 47	1 49	23 36	11 42	5 11	4 35	2 28	14 37	7 39
W 7	20 58	16 58	3 54	23 51	0 36	23 14	0 14	27 21	3 52	23 3	0 13	18 27	0 52	2 34	0 43	11 47	1 49	23 35	11 42	5 15	4 37	2 26	14 38	7 39
T 8	20 46	14 56	3 6	23 52	0 43	23 9	0 16	27 21	3 52	23 3	0 13	18 25	0 52	2 34	0 43	11 47	1 49	23 34	11 42	5 18	4 38	2 24	14 38	7 39
F 9	20 34	12 15	2 9	23 52	0 50	23 4	0 18	27 20	3 51	23 3	0 12	18 23	0 52	2 34	0 43	11 47	1 49	23 34	11 42	5 20	4 39	2 22	14 39	7 39
S 10	20 22	9 5	1 8	23 50	0 56	22 58	0 21	27 20	3 51	23 2	0 12	18 22	0 52	2 33	0 43	11 47	1 49	23 33	11 42	5 21	4 40	2 20	14 40	7 39
S 11	20 9	5 35	0 4	23 47	1 2	22 52	0 23	27 20	3 50	23 2	0 12	18 20	0 52	2 33	0 43	11 47	1 49	23 32	11 42	5 22	4 42	2 19	14 40	7 38
M12	19 55	1 54	1s 0	23 43	1 8	22 45	0 26	27 19	3 49	23 2	0 12	18 18	0 52	2 33	0 43	11 47	1 49	23 32	11 42	5 22	4 43	2 17	14 41	7 38
T 13	19 42	1n51	2 1	23 38	1 14	22 37	0 28	27 18	3 49	23 2	0 12	18 16	0 52	2 33	0 43	11 47	1 49	23 31	11 42	5 21	4 44	2 15	14 42	7 38
W14	19 28	5 32	2 57	23 31	1 20	22 28	0 30	27 17	3 48	23 2	0 12	18 14	0 53	2 32	0 43	11 47	1 49	23 31	11 42	5 20	4 45	2 13	14 42	7 38
T 15	19 14	9 2	3 46	23 23	1 25	22 19	0 33	27 17	3 47	23 2	0 11	18 12	0 53	2 32	0 43	11 48	1 49	23 30	11 41	5 20	4 47	2 11	14 43	7 38
F 16	18 59	12 12	4 26	23 13	1 30	22 9	0 35	27 16	3 46	23 2	0 11	18 10	0 53	2 32	0 43	11 48	1 49	23 29	11 41	5 20	4 48	2 9	14 44	7 38
S 17	18 44	14 55	4 55	23 2	1 34	21 58	0 37	27 15	3 45	23 2	0 11	18 8	0 53	2 32	0 43	11 48	1 49	23 29	11 41	5 21	4 49	2 8	14 45	7 37
S 18	18 29	16 59	5 10	22 50	1 39	21 47	0 39	27 14	3 44	23 2	0 11	18 6	0 53	2 31	0 44	11 48	1 49	23 28	11 41	5 23	4 50	2 6	14 45	7 37
M19	18 13	18 13	5 8	22 36	1 43	21 35	0 41	27 13	3 43	23 1	0 11	18 4	0 53	2 31	0 44	11 48	1 49	23 27	11 41	5 25	4 52	2 4	14 46	7 37
T 20	17 57	18 27	4 50	22 20	1 46	21 22	0 43	27 12	3 42	23 1	0 11	18 2	0 53	2 30	0 44	11 49	1 49	23 27	11 41	5 27	4 53	2 2	14 47	7 37
W21	17 41	17 33	4 13	22 4	1 50	21 9	0 45	27 10	3 41	23 1	0 10	18 0	0 53	2 30	0 44	11 49	1 48	23 26	11 41	5 30	4 54	2 0	14 48	7 36
T 22	17 24	15 30	3 20	21 45	1 53	20 55	0 48	27 9	3 40	23 1	0 10	17 58	0 53	2 30	0 44	11 49	1 48	23 26	11 41	5 32	4 55	1 58	14 48	7 36
F 23	17 7	12 25	2 12	21 26	1 56	20 41	0 50	27 8	3 38	23 1	0 10	17 56	0 53	2 29	0 44	11 49	1 48	23 25	11 41	5 33	4 57	1 56	14 49	7 36
S 24	16 50	8 31	0 54	21 4	1 58	20 26	0 51	27 7	3 37	23 1	0 10	17 54	0 53	2 29	0 44	11 49	1 48	23 24	11 41	5 34	4 58	1 55	14 50	7 35
S 25	16 32	4 4	0n27	20 42	2 0	20 10	0 53	27 6	3 36	23 1	0 10	17 52	0 53	2 28	0 44	11 50	1 48	23 24	11 41	5 34	4 59	1 53	14 51	7 35
M26	16 14	0s34	1 45	20 17	2 2	19 54	0 55	27 4	3 35	23 1	0 10	17 50	0 53	2 28	0 44	11 50	1 48	23 23	11 41	5 34	5 0	1 51	14 52	7 35
T 27	15 56	5 7	2 56	19 52	2 3	19 37	0 57	27 3	3 33	23 1	0 9	17 48	0 53	2 27	0 44	11 50	1 48	23 23	11 41	5 33	5 2	1 49	14 52	7 34
W28	15 38	9 16	3 55	19 24	2 4	19 19	0 59	27 2	3 32	23 1	0 9	17 46	0 53	2 27	0 44	11 51	1 48	23 22	11 41	5 32	5 3	1 47	14 53	7 34
T 29	15 19	12 49	4 38	18 55	2 5	19 1	1 1	27 0	3 31	23 1	0 9	17 44	0 54	2 26	0 44	11 51	1 48	23 21	11 41	5 32	5 4	1 45	14 54	7 34
F 30	15 0	15 35	5 5	18 25	2 5	18 43	1 2	26 59	3 29	23 2	0 9	17 42	0 54	2 25	0 44	11 51	1 48	23 21	11 41	5 32	5 5	1 44	14 55	7 33
S 31	14s41	17s27	5n14	17s53	2s 5	18s24	1s 4	26n58	3n28	23n 2	0s 9	17s40	0s54	2s25	0n44	11n52	1s48	23s20	11s41	5n33	5n 7	1s42	14n55	7s33

Julian Day Number = 2287560.5, Delta T = 177.69 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'30, Lahiri = 17°35'30 Julian Calendar 1 Jan. 1551 == Greg. Calendar 11 Jan. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

FEBRUARY 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 20 32	21♒31'11	28♐ 8	18♒21	12♒45	29♊27	20°R44	13♒36	7°R44	6♉ 1	27♒25	15°R54	17♍ 2	28♓ 6	16°R55	S 1
M 2	9 24 29	22°31'44	10♑58	20° 8	14° 0	29°31	20♊44	13°43	7♎43	6° 2	27°27	15♍51	16°59	28°13	16♋51	M 2
T 3	9 28 25	23°32'16	23°34	21°56	15°15	29°35	20°43	13°50	7°41	6° 3	27°28	15°47	16°56	28°20	16°48	T 3
W 4	9 32 22	24°32'46	5♒58	23°45	16°31	29°40	20°43	13°57	7°40	6° 4	27°30	15°43	16°53	28°26	16°45	W 4
T 5	9 36 18	25°33'15	18°12	25°34	17°46	29°45	20°D43	14° 4	7°38	6° 5	27°32	15°41	16°50	28°33	16°42	T 5
F 6	9 40 15	26°33'42	0♓16	27°25	19° 1	29°51	20°43	14°11	7°36	6° 6	27°33	15°39	16°47	28°40	16°39	F 6
S 7	9 44 11	27°34'07	12°12	29°16	20°16	29°58	20°43	14°18	7°35	6° 7	27°35	15°D38	16°43	28°46	16°36	S 7
S 8	9 48 8	28°34'30	24° 3	1♓ 8	21°31	0♋ 6	20°43	14°25	7°33	6° 8	27°37	15°38	16°40	28°53	16°34	S 8
M 9	9 52 5	29°34'52	5♈50	3° 1	22°46	0°14	20°44	14°32	7°31	6° 9	27°38	15°39	16°37	28°59	16°31	M 9
T 10	9 56 1	0♓35'12	17°37	4°54	24° 1	0°23	20°45	14°39	7°29	6°10	27°40	15°40	16°34	29° 6	16°28	T 10
W11	9 59 58	1°35'30	29°27	6°48	25°16	0°32	20°46	14°46	7°27	6°12	27°42	15°42	16°31	29°13	16°26	W11
T 12	10 3 54	2°35'46	11♉25	8°43	26°31	0°42	20°47	14°53	7°25	6°13	27°43	15°43	16°27	29°19	16°23	T 12
F 13	10 7 51	3°36'00	23°35	10°38	27°46	0°52	20°49	15° 0	7°23	6°14	27°45	15°44	16°24	29°26	16°21	F 13
S 14	10 11 47	4°36'12	6♊ 1	12°32	29° 0	1° 3	20°50	15° 7	7°21	6°15	27°47	15°R44	16°21	29°33	16°19	S 14
S 15	10 15 44	5°36'21	18°48	14°27	0♓15	1°15	20°52	15°14	7°19	6°17	27°48	15°44	16°18	29°39	16°16	S 15
M16	10 19 40	6°36'29	2♋ 0	16°21	1°30	1°27	20°54	15°21	7°17	6°18	27°50	15°43	16°15	29°46	16°14	M16
T 17	10 23 37	7°36'35	15°38	18°15	2°45	1°40	20°56	15°28	7°15	6°19	27°52	15°42	16°12	29°53	16°12	T 17
W18	10 27 34	8°36'38	29°44	20° 8	4° 0	1°53	20°59	15°35	7°13	6°21	27°53	15°41	16° 8	29°59	16°10	W18
T 19	10 31 30	9°36'39	14♌15	22° 0	5°15	2° 7	21° 1	15°42	7°11	6°22	27°55	15°40	16° 5	0♈ 6	16° 8	T 19
F 20	10 35 27	10°36'39	29° 7	23°50	6°30	2°21	21° 4	15°48	7° 8	6°23	27°57	15°40	16° 2	0°13	16° 7	F 20
S 21	10 39 23	11°36'36	14♍12	25°38	7°45	2°36	21° 7	15°55	7° 6	6°25	27°58	15°D40	15°59	0°19	16° 5	S 21
S 22	10 43 20	12°36'31	29°22	27°23	8°59	2°51	21°10	16° 2	7° 4	6°26	28° 0	15°40	15°56	0°26	16° 3	S 22
M23	10 47 16	13°36'24	14♎27	29° 5	10°14	3° 6	21°14	16° 9	7° 2	6°28	28° 2	15°40	15°53	0°33	16° 2	M23
T 24	10 51 13	14°36'16	29°19	0♈44	11°29	3°22	21°17	16°15	6°59	6°29	28° 3	15°40	15°49	0°39	16° 1	T 24
W25	10 55 9	15°36'06	13♏51	2°19	12°44	3°39	21°21	16°22	6°57	6°31	28° 5	15°R40	15°46	0°46	15°59	W25
T 26	10 59 6	16°35'54	28° 0	3°50	13°59	3°56	21°25	16°28	6°55	6°32	28° 6	15°40	15°43	0°53	15°58	T 26
F 27	11 3 2	17°35'41	11♐44	5°15	15°13	4°13	21°29	16°35	6°52	6°34	28° 8	15°D40	15°40	0°59	15°57	F 27
S 28	11 6 59	18♓35'26	25♐ 3	6♈35	16♓28	4♋31	21♊33	16♒42	6♎50	6♉36	28♒10	15♍40	15♍37	1♈ 6	15♋56	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s22	18s22	5n 7	17s20	2s 4	18s 4	1s 5	26n56	3n27	23n 2	0s 9	17s38	0s54	2s24	0n44	11n52	1s48	23s20	11s41	5n34	5n 8	1s40	14n56	7s32
M 2	14 2	18 18	4 45	16 45	2 3	17 44	1 7	26 55	3 25	23 2	0 8	17 36	0 54	2 24	0 44	11 52	1 48	23 19	11 41	5 36	5 9	1 38	14 57	7 32
T 3	13 42	17 21	4 9	16 8	2 1	17 23	1 8	26 54	3 24	23 2	0 8	17 34	0 54	2 23	0 44	11 53	1 48	23 18	11 41	5 37	5 10	1 36	14 58	7 32
W 4	13 22	15 34	3 22	15 30	1 59	17 2	1 10	26 52	3 23	23 2	0 8	17 32	0 54	2 22	0 44	11 53	1 48	23 18	11 41	5 39	5 11	1 34	14 59	7 31
T 5	13 2	13 6	2 26	14 51	1 56	16 40	1 11	26 51	3 21	23 2	0 8	17 30	0 54	2 22	0 44	11 53	1 48	23 17	11 41	5 40	5 13	1 32	15 0	7 31
F 6	12 41	10 6	1 24	14 10	1 53	16 18	1 12	26 49	3 20	23 2	0 8	17 28	0 54	2 21	0 44	11 54	1 47	23 17	11 41	5 40	5 14	1 31	15 0	7 30
S 7	12 21	6 42	0 19	13 27	1 49	15 56	1 14	26 48	3 18	23 2	0 8	17 26	0 54	2 20	0 44	11 54	1 47	23 16	11 41	5 41	5 15	1 29	15 1	7 30
S 8	12 0	3 5	0s46	12 44	1 45	15 33	1 15	26 47	3 17	23 3	0 8	17 25	0 54	2 20	0 44	11 55	1 47	23 16	11 41	5 41	5 16	1 27	15 2	7 29
M 9	11 39	0n39	1 50	11 58	1 40	15 9	1 16	26 45	3 16	23 3	0 7	17 23	0 54	2 19	0 44	11 55	1 47	23 15	11 41	5 40	5 18	1 25	15 3	7 29
T 10	11 17	4 20	2 48	11 12	1 34	14 46	1 17	26 44	3 14	23 3	0 7	17 21	0 54	2 18	0 44	11 55	1 47	23 14	11 41	5 40	5 19	1 23	15 4	7 28
W11	10 56	7 53	3 40	10 24	1 28	14 21	1 18	26 42	3 13	23 3	0 7	17 19	0 55	2 17	0 44	11 56	1 47	23 14	11 41	5 39	5 20	1 21	15 4	7 28
T 12	10 34	11 8	4 23	9 35	1 21	13 57	1 19	26 41	3 11	23 4	0 7	17 17	0 55	2 16	0 44	11 56	1 47	23 13	11 41	5 39	5 21	1 19	15 5	7 27
F 13	10 13	13 58	4 54	8 45	1 14	13 32	1 20	26 39	3 10	23 4	0 7	17 15	0 55	2 16	0 44	11 57	1 47	23 13	11 41	5 38	5 23	1 18	15 6	7 27
S 14	9 51	16 13	5 13	7 53	1 6	13 6	1 21	26 38	3 8	23 4	0 7	17 13	0 55	2 15	0 44	11 57	1 47	23 12	11 42	5 38	5 24	1 16	15 7	7 26
S 15	9 29	17 45	5 17	7 1	0 58	12 41	1 22	26 36	3 7	23 4	0 6	17 11	0 55	2 14	0 44	11 58	1 47	23 12	11 42	5 38	5 25	1 14	15 8	7 26
M16	9 6	18 24	5 5	6 8	0 48	12 15	1 22	26 35	3 6	23 5	0 6	17 9	0 55	2 13	0 44	11 58	1 47	23 11	11 42	5 39	5 26	1 12	15 8	7 25
T 17	8 44	18 1	4 36	5 15	0 39	11 48	1 23	26 33	3 4	23 5	0 6	17 7	0 55	2 12	0 44	11 59	1 47	23 11	11 42	5 39	5 28	1 10	15 9	7 24
W18	8 22	16 32	3 49	4 21	0 28	11 22	1 24	26 32	3 3	23 5	0 6	17 5	0 55	2 11	0 44	11 59	1 47	23 10	11 42	5 39	5 29	1 8	15 10	7 24
T 19	7 59	13 57	2 46	3 27	0 17	10 55	1 24	26 30	3 2	23 6	0 6	17 3	0 55	2 11	0 44	12 0	1 47	23 10	11 42	5 40	5 30	1 6	15 11	7 23
F 20	7 36	10 23	1 31	2 33	0 6	10 27	1 25	26 29	3 0	23 6	0 6	17 1	0 55	2 10	0 44	12 0	1 47	23 9	11 42	5 40	5 31	1 4	15 12	7 23
S 21	7 14	6 6	0 8	1 39	0n 6	10 0	1 25	26 27	2 59	23 6	0 6	16 59	0 56	2 9	0 44	12 1	1 47	23 9	11 42	5 40	5 33	1 3	15 12	7 22
S 22	6 51	1 24	1n16	0 46	0 18	9 32	1 25	26 25	2 57	23 7	0 5	16 57	0 56	2 8	0 44	12 1	1 47	23 8	11 42	5 40	5 34	1 1	15 13	7 21
M23	6 28	3s21	2 34	0n 7	0 31	9 4	1 26	26 24	2 56	23 7	0 5	16 55	0 56	2 7	0 44	12 2	1 47	23 8	11 42	5 40	5 35	0 59	15 14	7 21
T 24	6 5	7 50	3 40	0 58	0 44	8 36	1 26	26 22	2 55	23 7	0 5	16 53	0 56	2 6	0 44	12 2	1 47	23 7	11 43	5 40	5 36	0 57	15 15	7 20
W25	5 41	11 44	4 31	1 48	0 57	8 7	1 26	26 20	2 53	23 8	0 5	16 52	0 56	2 5	0 44	12 3	1 46	23 7	11 43	5 40	5 37	0 55	15 16	7 20
T 26	5 18	14 50	5 3	2 36	1 10	7 38	1 26	26 18	2 52	23 8	0 5	16 50	0 56	2 4	0 44	12 3	1 46	23 6	11 43	5 40	5 39	0 53	15 16	7 19
F 27	4 55	17 0	5 17	3 22	1 24	7 9	1 26	26 16	2 51	23 8	0 5	16 48	0 56	2 3	0 44	12 4	1 46	23 6	11 43	5 40	5 40	0 51	15 17	7 18
S 28	4s31	18s10	5n14	4n 6	1n37	6s40	1s26	26n15	2n50	23n 9	0s 5	16s46	0s56	2s 2	0n44	12n 5	1s46	23s 5	11s43	5n40	5n41	0s50	15n18	7s18

Julian Day Number = 2287591.5, Delta T = 177.50 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'34, Lahiri = 17°35'35 Julian Calendar 1 Feb. 1551 == Greg. Calendar 11 Feb. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

MARCH 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 10 56	19♓35'09	8♉ 1	7♈48	17♓43	4♋49	21♊37	16♒48	6°R47	6♉37	28♒11	15♍40	15♍33	1♈12	15°R55	S 1
M 2	11 14 52	20°34'50	20°39	8°56	18°58	5° 8	21°42	16°54	6♎45	6°39	28°13	15°41	15°30	1°19	15♋54	M 2
T 3	11 18 49	21°34'30	3♒ 2	9°57	20°12	5°26	21°47	17° 1	6°43	6°41	28°14	15°41	15°27	1°26	15°54	T 3
W 4	11 22 45	22°34'08	15°12	10°50	21°27	5°46	21°52	17° 7	6°40	6°42	28°16	15°42	15°24	1°32	15°53	W 4
T 5	11 26 42	23°33'44	27°13	11°36	22°42	6° 5	21°57	17°13	6°38	6°44	28°17	15°43	15°21	1°39	15°53	T 5
F 6	11 30 38	24°33'18	9♓ 6	12°15	23°56	6°25	22° 2	17°20	6°35	6°46	28°19	15°43	15°18	1°46	15°52	F 6
S 7	11 34 35	25°32'50	20°56	12°45	25°11	6°46	22° 7	17°26	6°33	6°48	28°21	15°R43	15°14	1°52	15°52	S 7
S 8	11 38 31	26°32'19	2♈44	13° 8	26°26	7° 7	22°13	17°32	6°30	6°50	28°22	15°43	15°11	1°59	15°52	S 8
M 9	11 42 28	27°31'47	14°31	13°23	27°40	7°28	22°19	17°38	6°27	6°51	28°24	15°41	15° 8	2° 6	15°51	M 9
T 10	11 46 25	28°31'13	26°22	13°R31	28°55	7°49	22°25	17°44	6°25	6°53	28°25	15°40	15° 5	2°12	15°D51	T 10
W11	11 50 21	29°30'37	8♉17	13°30	0♈ 9	8°11	22°31	17°50	6°22	6°55	28°27	15°38	15° 2	2°19	15°52	W11
T 12	11 54 18	0♈29'58	20°19	13°22	1°24	8°33	22°37	17°56	6°20	6°57	28°28	15°35	14°58	2°26	15°52	T 12
F 13	11 58 14	1°29'17	2♊32	13° 7	2°38	8°55	22°43	18° 2	6°17	6°59	28°29	15°33	14°55	2°32	15°52	F 13
S 14	12 2 11	2°28'34	14°58	12°45	3°53	9°18	22°50	18° 8	6°15	7° 1	28°31	15°32	14°52	2°39	15°52	S 14
S 15	12 6 7	3°27'48	27°42	12°18	5° 7	9°41	22°57	18°14	6°12	7° 3	28°32	15°D31	14°49	2°46	15°53	S 15
M16	12 10 4	4°27'00	10♋47	11°44	6°22	10° 4	23° 3	18°19	6° 9	7° 5	28°34	15°31	14°46	2°52	15°54	M16
T 17	12 14 0	5°26'10	24°15	11° 7	7°36	10°27	23°10	18°25	6° 7	7° 7	28°35	15°32	14°43	2°59	15°54	T 17
W18	12 17 57	6°25'18	8♌ 9	10°25	8°51	10°51	23°18	18°31	6° 4	7° 9	28°37	15°33	14°39	3° 6	15°55	W18
T 19	12 21 54	7°24'23	22°29	9°40	10° 5	11°15	23°25	18°36	6° 2	7°11	28°38	15°35	14°36	3°12	15°56	T 19
F 20	12 25 50	8°23'26	7♍12	8°53	11°20	11°39	23°32	18°42	5°59	7°13	28°39	15°36	14°33	3°19	15°57	F 20
S 21	12 29 47	9°22'26	22°14	8° 5	12°34	12° 4	23°40	18°47	5°57	7°15	28°41	15°R36	14°30	3°25	15°58	S 21
S 22	12 33 43	10°21'24	7♎26	7°17	13°48	12°28	23°47	18°53	5°54	7°17	28°42	15°34	14°27	3°32	15°59	S 22
M23	12 37 40	11°20'21	22°40	6°30	15° 3	12°53	23°55	18°58	5°51	7°19	28°43	15°32	14°24	3°39	16° 1	M23
T 24	12 41 36	12°19'15	7♏45	5°44	16°17	13°19	24° 3	19° 3	5°49	7°21	28°45	15°29	14°20	3°45	16° 2	T 24
W25	12 45 33	13°18'08	22°33	5° 1	17°31	13°44	24°11	19° 8	5°46	7°23	28°46	15°25	14°17	3°52	16° 3	W25
T 26	12 49 29	14°16'58	6♐56	4°21	18°46	14°10	24°19	19°14	5°44	7°25	28°47	15°21	14°14	3°59	16° 5	T 26
F 27	12 53 26	15°15'47	20°51	3°45	20° 0	14°36	24°28	19°19	5°41	7°27	28°48	15°18	14°11	4° 5	16° 7	F 27
S 28	12 57 22	16°14'34	4♑18	3°13	21°14	15° 2	24°36	19°24	5°39	7°29	28°50	15°16	14° 8	4°12	16° 8	S 28
S 29	13 1 19	17°13'20	17°18	2°45	22°28	15°28	24°45	19°29	5°36	7°31	28°51	15°D15	14° 4	4°19	16°10	S 29
M30	13 5 16	18°12'04	29°54	2°22	23°43	15°55	24°54	19°33	5°34	7°34	28°52	15°16	14° 1	4°25	16°12	M30
T 31	13 9 12	19♈10'46	12♒12	2♈ 5	24♈57	16♋21	25♊ 2	19♒38	5♎31	7♉36	28♒53	15♍17	13♍58	4♈32	16♋14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 8	18s21	4n54	4n47	1n50	6s11	1s26	26n13	2n48	23n 9	0s 5	16s44	0s56	2s 1	0n44	12n 5	1s46	23s 5	11s43	5n40	5n42	0s48	15n18	7s17
M 2	3 44	17 36	4 21	5 25	2 3	5 42	1 26	26 11	2 47	23 10	0 4	16 42	0 57	2 0	0 44	12 6	1 46	23 5	11 43	5 40	5 44	0 46	15 19	7 16
T 3	3 21	16 1	3 36	6 1	2 15	5 12	1 25	26 8	2 46	23 10	0 4	16 40	0 57	1 59	0 44	12 6	1 46	23 4	11 43	5 39	5 45	0 44	15 20	7 16
W 4	2 57	13 44	2 42	6 32	2 26	4 42	1 25	26 6	2 44	23 11	0 4	16 39	0 57	1 58	0 44	12 7	1 46	23 4	11 44	5 39	5 46	0 42	15 21	7 15
T 5	2 34	10 53	1 41	7 1	2 37	4 12	1 25	26 4	2 43	23 11	0 4	16 37	0 57	1 57	0 44	12 8	1 46	23 3	11 44	5 39	5 47	0 40	15 21	7 14
F 6	2 10	7 36	0 37	7 25	2 48	3 42	1 24	26 2	2 42	23 11	0 4	16 35	0 57	1 56	0 45	12 8	1 46	23 3	11 44	5 39	5 49	0 38	15 22	7 14
S 7	1 46	4 3	0s29	7 46	2 57	3 12	1 24	26 0	2 41	23 12	0 4	16 33	0 57	1 55	0 45	12 9	1 46	23 3	11 44	5 39	5 50	0 36	15 23	7 13
S 8	1 23	0 20	1 33	8 2	3 5	2 42	1 23	25 57	2 39	23 12	0 4	16 31	0 57	1 54	0 45	12 9	1 46	23 2	11 44	5 39	5 51	0 35	15 23	7 12
M 9	0 59	3n23	2 33	8 14	3 12	2 12	1 23	25 55	2 38	23 13	0 3	16 30	0 57	1 53	0 45	12 10	1 46	23 2	11 44	5 39	5 52	0 33	15 24	7 12
T 10	0 35	6 59	3 27	8 23	3 18	1 41	1 22	25 52	2 37	23 13	0 3	16 28	0 58	1 52	0 45	12 11	1 46	23 1	11 45	5 40	5 53	0 31	15 25	7 11
W11	0 12	10 19	4 12	8 26	3 22	1 11	1 21	25 50	2 36	23 14	0 3	16 26	0 58	1 51	0 45	12 11	1 46	23 1	11 45	5 41	5 55	0 29	15 25	7 10
T 12	0n12	13 16	4 46	8 26	3 25	0 40	1 21	25 47	2 34	23 14	0 3	16 24	0 58	1 50	0 45	12 12	1 46	23 1	11 45	5 42	5 56	0 27	15 26	7 10
F 13	0 36	15 40	5 8	8 21	3 26	0 10	1 20	25 45	2 33	23 15	0 3	16 23	0 58	1 49	0 45	12 13	1 46	23 0	11 45	5 42	5 57	0 25	15 27	7 9
S 14	0 59	17 24	5 16	8 12	3 26	0n21	1 19	25 42	2 32	23 15	0 3	16 21	0 58	1 48	0 45	12 13	1 46	23 0	11 45	5 43	5 58	0 23	15 27	7 8
S 15	1 23	18 19	5 9	7 59	3 23	0 51	1 18	25 39	2 31	23 16	0 3	16 19	0 58	1 47	0 45	12 14	1 46	23 0	11 46	5 43	6 0	0 21	15 28	7 8
M16	1 46	18 18	4 46	7 43	3 20	1 22	1 17	25 36	2 30	23 16	0 3	16 18	0 58	1 46	0 45	12 15	1 46	22 59	11 46	5 43	6 1	0 20	15 29	7 7
T 17	2 10	17 16	4 7	7 23	3 14	1 52	1 16	25 33	2 29	23 17	0 3	16 16	0 58	1 45	0 45	12 15	1 46	22 59	11 46	5 43	6 2	0 18	15 29	7 6
W18	2 33	15 10	3 12	7 0	3 7	2 22	1 14	25 30	2 27	23 17	0 2	16 15	0 59	1 44	0 45	12 16	1 46	22 59	11 46	5 42	6 3	0 16	15 30	7 6
T 19	2 57	12 6	2 4	6 34	2 58	2 53	1 13	25 27	2 26	23 18	0 2	16 13	0 59	1 43	0 45	12 17	1 46	22 58	11 47	5 42	6 5	0 14	15 30	7 5
F 20	3 20	8 10	0 46	6 6	2 48	3 23	1 12	25 24	2 25	23 18	0 2	16 11	0 59	1 42	0 45	12 17	1 46	22 58	11 47	5 42	6 6	0 12	15 31	7 4
S 21	3 43	3 39	0n37	5 36	2 36	3 53	1 11	25 20	2 24	23 19	0 2	16 10	0 59	1 41	0 44	12 18	1 46	22 58	11 47	5 42	6 7	0 10	15 32	7 4
S 22	4 7	1s10	1 58	5 5	2 23	4 24	1 9	25 17	2 23	23 19	0 2	16 8	0 59	1 40	0 44	12 19	1 46	22 58	11 47	5 42	6 8	0 8	15 32	7 3
M23	4 30	5 54	3 10	4 34	2 9	4 54	1 8	25 13	2 22	23 20	0 2	16 7	0 59	1 39	0 44	12 19	1 45	22 57	11 47	5 43	6 9	0 6	15 33	7 2
T 24	4 53	10 12	4 9	4 2	1 54	5 24	1 6	25 10	2 21	23 20	0 2	16 5	0 59	1 38	0 44	12 20	1 45	22 57	11 48	5 44	6 11	0 5	15 33	7 2
W25	5 16	13 47	4 49	3 31	1 39	5 54	1 5	25 6	2 20	23 20	0 2	16 4	1 0	1 37	0 44	12 21	1 45	22 57	11 48	5 46	6 12	0 3	15 34	7 1
T 26	5 39	16 25	5 11	3 0	1 23	6 23	1 3	25 2	2 18	23 21	0 1	16 2	1 0	1 36	0 44	12 21	1 45	22 57	11 48	5 47	6 13	0 1	15 34	7 0
F 27	6 1	17 59	5 12	2 31	1 7	6 53	1 2	24 58	2 17	23 21	0 1	16 1	1 0	1 35	0 44	12 22	1 45	22 56	11 48	5 48	6 14	0n 1	15 35	7 0
S 28	6 24	18 29	4 57	2 3	0 50	7 22	1 0	24 54	2 16	23 22	0 1	15 59	1 0	1 34	0 44	12 23	1 45	22 56	11 49	5 49	6 16	0 3	15 35	6 59
S 29	6 47	17 58	4 26	1 37	0 34	7 52	0 58	24 50	2 15	23 22	0 1	15 58	1 0	1 33	0 44	12 24	1 45	22 56	11 49	5 49	6 17	0 5	15 35	6 58
M30	7 9	16 34	3 44	1 13	0 17	8 21	0 57	24 46	2 14	23 23	0 1	15 57	1 0	1 32	0 44	12 24	1 45	22 56	11 49	5 49	6 18	0 7	15 36	6 58
T 31	7n32	14s26	2n52	0n51	0n 2	8n50	0s55	24n42	2n13	23n23	0s 1	15s55	1s 0	1s31	0n44	12n25	1s45	22s56	11s49	5n49	6n19	0n 9	15n36	6s57

Julian Day Number = 2287619.5, Delta T = 177.34 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'38, Lahiri = 17°35'38 Julian Calendar 1 March 1551 == Greg. Calendar 11 March 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

APRIL 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 13 9	20♈ 9'26	24♒16	1°R52	26♈11	16♋48	25♊11	19♒43	5°R29	7♉38	28♒54	15♍19	13♍55	4♈39	16♋17	W 1
T 2	13 17 5	21° 8'05	6♓10	1♈45	27°25	17°15	25°20	19°48	5♎26	7°40	28°55	15°20	13°52	4°45	16°19	T 2
F 3	13 21 2	22° 6'41	17°58	1°D43	28°39	17°43	25°30	19°52	5°24	7°42	28°57	15°R21	13°49	4°52	16°21	F 3
S 4	13 24 58	23° 5'16	29°45	1°46	29°54	18°10	25°39	19°57	5°21	7°44	28°58	15°20	13°45	4°59	16°24	S 4
S 5	13 28 55	24° 3'49	11♈32	1°54	1♉ 8	18°38	25°48	20° 1	5°19	7°47	28°59	15°17	13°42	5° 5	16°26	S 5
M 6	13 32 51	25° 2'21	23°23	2° 7	2°22	19° 6	25°58	20° 5	5°16	7°49	29° 0	15°12	13°39	5°12	16°29	M 6
T 7	13 36 48	26° 0'50	5♉20	2°24	3°36	19°34	26° 7	20°10	5°14	7°51	29° 1	15° 5	13°36	5°19	16°31	T 7
W 8	13 40 45	26°59'18	17°24	2°47	4°50	20° 2	26°17	20°14	5°12	7°53	29° 2	14°58	13°33	5°25	16°34	W 8
T 9	13 44 41	27°57'43	29°36	3°13	6° 4	20°31	26°27	20°18	5° 9	7°56	29° 3	14°50	13°30	5°32	16°37	T 9
F 10	13 48 38	28°56'07	11♊59	3°44	7°18	20°59	26°37	20°22	5° 7	7°58	29° 4	14°42	13°26	5°39	16°40	F 10
S 11	13 52 34	29°54'28	24°33	4°19	8°32	21°28	26°47	20°26	5° 5	8° 0	29° 5	14°36	13°23	5°45	16°43	S 11
S 12	13 56 31	0♉52'48	7♋21	4°58	9°46	21°57	26°57	20°30	5° 2	8° 2	29° 6	14°31	13°20	5°52	16°46	S 12
M13	14 0 27	1°51'05	20°26	5°41	11° 0	22°26	27° 7	20°34	5° 0	8° 4	29° 7	14°29	13°17	5°59	16°50	M13
T 14	14 4 24	2°49'20	3♌49	6°27	12°14	22°55	27°18	20°37	4°58	8° 7	29° 8	14°D28	13°14	6° 5	16°53	T 14
W15	14 8 20	3°47'34	17°33	7°17	13°28	23°24	27°28	20°41	4°56	8° 9	29° 8	14°29	13°10	6°12	16°56	W15
T 16	14 12 17	4°45'45	1♍38	8° 9	14°42	23°54	27°38	20°45	4°54	8°11	29° 9	14°30	13° 7	6°18	17° 0	T 16
F 17	14 16 14	5°43'54	16° 5	9° 6	15°56	24°24	27°49	20°48	4°52	8°13	29°10	14°R30	13° 4	6°25	17° 3	F 17
S 18	14 20 10	6°42'01	0♎50	10° 5	17° 9	24°53	28° 0	20°51	4°50	8°16	29°11	14°29	13° 1	6°32	17° 7	S 18
S 19	14 24 7	7°40'06	15°49	11° 7	18°23	25°23	28°11	20°55	4°47	8°18	29°12	14°26	12°58	6°38	17°11	S 19
M20	14 28 3	8°38'09	0♏54	12°12	19°37	25°53	28°21	20°58	4°45	8°20	29°13	14°21	12°55	6°45	17°15	M20
T 21	14 32 0	9°36'11	15°56	13°19	20°51	26°23	28°32	21° 1	4°43	8°22	29°13	14°13	12°51	6°52	17°19	T 21
W22	14 35 56	10°34'11	0♐45	14°29	22° 5	26°54	28°43	21° 4	4°42	8°25	29°14	14° 5	12°48	6°58	17°22	W22
T 23	14 39 53	11°32'10	15°13	15°42	23°18	27°24	28°54	21° 7	4°40	8°27	29°15	13°56	12°45	7° 5	17°27	T 23
F 24	14 43 49	12°30'07	29°14	16°57	24°32	27°55	29° 6	21°10	4°38	8°29	29°15	13°48	12°42	7°12	17°31	F 24
S 25	14 47 46	13°28'03	12♑47	18°15	25°46	28°25	29°17	21°13	4°36	8°32	29°16	13°42	12°39	7°18	17°35	S 25
S 26	14 51 43	14°25'58	25°52	19°35	26°59	28°56	29°28	21°15	4°34	8°34	29°17	13°38	12°35	7°25	17°39	S 26
M27	14 55 39	15°23'51	8♒32	20°58	28°13	29°27	29°40	21°18	4°32	8°36	29°17	13°37	12°32	7°32	17°44	M27
T 28	14 59 36	16°21'43	20°51	22°22	29°27	29°58	29°51	21°21	4°31	8°38	29°18	13°D37	12°29	7°38	17°48	T 28
W29	15 3 32	17°19'33	2♓54	23°49	0♊40	0♌29	0♋ 3	21°23	4°29	8°40	29°18	13°37	12°26	7°45	17°52	W29
T 30	15 7 29	18♉17'23	14♓46	25♈19	1♊54	1♌ 1	0♋14	21♒25	4♎27	8♉43	29♒19	13°R37	12♍23	7♈52	17♋57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n54	11s41	1n53	0n32	0s14	9n19	0s53	24n37	2n12	23n24	0s 1	15s54	1s 1	1s30	0n44	12n26	1s45	22s55	11s50	5n48	6n20	0n10	15n37	6s56
T 2	8 16	8 30	0 50	0 15	0 29	9 47	0 51	24 33	2 11	23 24	0 1	15 53	1 1	1 29	0 44	12 26	1 45	22 55	11 50	5 47	6 22	0 12	15 37	6 56
F 3	8 38	4 59	0s14	0 1	0 43	10 15	0 49	24 28	2 10	23 25	0 1	15 51	1 1	1 28	0 44	12 27	1 45	22 55	11 50	5 47	6 23	0 14	15 38	6 55
S 4	9 0	1 18	1 18	0s10	0 57	10 43	0 47	24 23	2 9	23 25	0 0	15 50	1 1	1 27	0 44	12 28	1 45	22 55	11 51	5 48	6 24	0 16	15 38	6 54
S 5	9 21	2n27	2 18	0 19	1 10	11 11	0 45	24 19	2 8	23 25	0 0	15 49	1 1	1 26	0 44	12 29	1 45	22 55	11 51	5 49	6 25	0 18	15 38	6 54
M 6	9 43	6 8	3 12	0 25	1 23	11 39	0 43	24 14	2 7	23 26	0 0	15 47	1 1	1 25	0 44	12 29	1 45	22 55	11 51	5 51	6 27	0 20	15 39	6 53
T 7	10 4	9 35	3 58	0 29	1 35	12 6	0 41	24 9	2 6	23 26	0 0	15 46	1 2	1 24	0 44	12 30	1 45	22 55	11 51	5 53	6 28	0 22	15 39	6 52
W 8	10 25	12 40	4 34	0 30	1 46	12 33	0 39	24 3	2 5	23 27	0 0	15 45	1 2	1 23	0 44	12 31	1 45	22 55	11 52	5 56	6 29	0 24	15 39	6 52
T 9	10 46	15 15	4 58	0 29	1 56	13 0	0 37	23 58	2 4	23 27	0n 0	15 44	1 2	1 23	0 44	12 32	1 45	22 54	11 52	5 59	6 30	0 26	15 40	6 51
F 10	11 7	17 11	5 8	0 25	2 5	13 26	0 35	23 53	2 3	23 27	0 0	15 43	1 2	1 22	0 44	12 32	1 45	22 54	11 52	6 2	6 32	0 27	15 40	6 50
S 11	11 28	18 19	5 4	0 20	2 14	13 52	0 32	23 47	2 2	23 28	0 0	15 42	1 2	1 21	0 44	12 33	1 45	22 54	11 53	6 5	6 33	0 29	15 40	6 50
S 12	11 48	18 33	4 45	0 11	2 22	14 18	0 30	23 42	2 1	23 28	0 0	15 41	1 2	1 20	0 44	12 34	1 45	22 54	11 53	6 6	6 34	0 31	15 40	6 49
M13	12 9	17 49	4 10	0 1	2 29	14 43	0 28	23 36	2 0	23 28	0 1	15 40	1 3	1 19	0 44	12 34	1 45	22 54	11 53	6 7	6 35	0 33	15 41	6 48
T 14	12 29	16 4	3 22	0n11	2 35	15 8	0 26	23 30	1 59	23 29	0 1	15 38	1 3	1 18	0 44	12 35	1 45	22 54	11 53	6 8	6 36	0 35	15 41	6 48
W15	12 49	13 23	2 20	0 26	2 41	15 33	0 23	23 24	1 58	23 29	0 1	15 37	1 3	1 17	0 44	12 36	1 45	22 54	11 54	6 7	6 38	0 37	15 41	6 47
T 16	13 8	9 51	1 9	0 42	2 46	15 57	0 21	23 18	1 57	23 29	0 1	15 37	1 3	1 17	0 44	12 37	1 45	22 54	11 54	6 7	6 39	0 39	15 41	6 47
F 17	13 28	5 38	0n 9	1 0	2 50	16 21	0 19	23 12	1 56	23 30	0 1	15 36	1 3	1 16	0 44	12 37	1 45	22 54	11 54	6 7	6 40	0 41	15 41	6 46
S 18	13 47	1 0	1 27	1 20	2 54	16 44	0 16	23 6	1 55	23 30	0 1	15 35	1 3	1 15	0 44	12 38	1 45	22 54	11 55	6 7	6 41	0 43	15 42	6 45
S 19	14 6	3s46	2 40	1 42	2 57	17 7	0 14	22 59	1 55	23 30	0 1	15 34	1 4	1 14	0 44	12 39	1 45	22 54	11 55	6 8	6 42	0 44	15 42	6 45
M20	14 25	8 20	3 43	2 5	2 59	17 30	0 11	22 53	1 54	23 30	0 1	15 33	1 4	1 13	0 44	12 40	1 45	22 54	11 55	6 11	6 44	0 46	15 42	6 44
T 21	14 43	12 20	4 30	2 30	3 0	17 52	0 9	22 46	1 53	23 31	0 1	15 32	1 4	1 13	0 44	12 40	1 45	22 54	11 56	6 13	6 45	0 48	15 42	6 44
W22	15 2	15 30	4 58	2 56	3 1	18 13	0 7	22 39	1 52	23 31	0 1	15 31	1 4	1 12	0 44	12 41	1 45	22 54	11 56	6 17	6 46	0 50	15 42	6 43
T 23	15 20	17 37	5 6	3 24	3 2	18 35	0 4	22 32	1 51	23 31	0 2	15 30	1 4	1 11	0 44	12 42	1 45	22 54	11 56	6 20	6 47	0 52	15 42	6 42
F 24	15 38	18 35	4 55	3 53	3 1	18 55	0 2	22 25	1 50	23 31	0 2	15 30	1 4	1 10	0 44	12 42	1 45	22 54	11 57	6 23	6 49	0 54	15 42	6 42
S 25	15 55	18 26	4 28	4 24	3 0	19 15	0n 1	22 18	1 49	23 31	0 2	15 29	1 5	1 10	0 44	12 43	1 45	22 54	11 57	6 25	6 50	0 56	15 42	6 41
S 26	16 12	17 18	3 47	4 56	2 58	19 35	0 3	22 11	1 48	23 31	0 2	15 28	1 5	1 9	0 44	12 44	1 45	22 54	11 57	6 27	6 51	0 58	15 42	6 41
M27	16 29	15 20	2 56	5 29	2 56	19 54	0 6	22 4	1 47	23 32	0 2	15 28	1 5	1 8	0 44	12 45	1 45	22 54	11 58	6 28	6 52	1 0	15 42	6 40
T 28	16 46	12 42	1 59	6 3	2 53	20 13	0 8	21 56	1 46	23 32	0 2	15 27	1 5	1 8	0 44	12 45	1 45	22 55	11 58	6 28	6 53	1 1	15 42	6 40
W29	17 3	9 35	0 57	6 38	2 50	20 31	0 11	21 49	1 46	23 32	0 2	15 26	1 5	1 7	0 44	12 46	1 45	22 55	11 58	6 27	6 55	1 3	15 42	6 39
T 30	17n19	6s 6	0s 6	7n14	2s46	20n48	0n13	21n41	1n45	23n32	0n 2	15s26	1s 6	1s 6	0n44	12n47	1s45	22s55	11s59	6n27	6n56	1n 5	15n42	6s39

Julian Day Number = 2287650.5, Delta T = 177.15 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'42, Lahiri = 17°35'43 Julian Calendar 1 Apr. 1551 == Greg. Calendar 11 Apr. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

MAY 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 11 25	19♉15'11	26♓34	26♈50	3♊ 8	1♌32	0♋26	21♒27	4°R26	8♉45	29♒19	13°R37	12♍20	7♈58	18♋ 2	F 1
S 2	15 15 22	20°12'58	8♈21	28°24	4°21	2° 4	0°38	21°30	4♎24	8°47	29°20	13♍34	12°16	8° 5	18° 6	S 2
S 3	15 19 18	21°10'44	20°11	29°59	5°35	2°35	0°50	21°32	4°23	8°49	29°20	13°28	12°13	8°12	18°11	S 3
M 4	15 23 15	22° 8'28	2♉ 8	1♉38	6°48	3° 7	1° 2	21°34	4°21	8°52	29°21	13°20	12°10	8°18	18°16	M 4
T 5	15 27 11	23° 6'12	14°13	3°18	8° 2	3°39	1°13	21°35	4°20	8°54	29°21	13°10	12° 7	8°25	18°21	T 5
W 6	15 31 8	24° 3'54	26°29	5° 1	9°15	4°11	1°25	21°37	4°18	8°56	29°22	12°58	12° 4	8°32	18°26	W 6
T 7	15 35 5	25° 1'35	8♊56	6°45	10°29	4°43	1°38	21°39	4°17	8°58	29°22	12°45	12° 1	8°38	18°31	T 7
F 8	15 39 1	25°59'14	21°35	8°32	11°43	5°15	1°50	21°40	4°16	9° 0	29°22	12°33	11°57	8°45	18°36	F 8
S 9	15 42 58	26°56'52	4♋25	10°21	12°56	5°47	2° 2	21°42	4°14	9° 3	29°23	12°23	11°54	8°52	18°41	S 9
S 10	15 46 54	27°54'29	17°27	12°12	14° 9	6°20	2°14	21°43	4°13	9° 5	29°23	12°15	11°51	8°58	18°47	S 10
M11	15 50 51	28°52'04	0♌41	14° 5	15°23	6°52	2°26	21°45	4°12	9° 7	29°23	12°10	11°48	9° 5	18°52	M11
T 12	15 54 47	29°49'38	14° 8	16° 1	16°36	7°25	2°39	21°46	4°11	9° 9	29°23	12° 7	11°45	9°12	18°57	T 12
W13	15 58 44	0♊47'10	27°50	17°58	17°50	7°57	2°51	21°47	4°10	9°11	29°24	12°D 7	11°41	9°18	19° 3	W13
T 14	16 2 41	1°44'41	11♍47	19°58	19° 3	8°30	3° 4	21°48	4° 9	9°13	29°24	12°R 7	11°38	9°25	19° 8	T 14
F 15	16 6 37	2°42'11	25°59	21°59	20°16	9° 3	3°16	21°49	4° 8	9°15	29°24	12° 6	11°35	9°32	19°14	F 15
S 16	16 10 34	3°39'39	10♎26	24° 2	21°30	9°36	3°29	21°49	4° 7	9°18	29°24	12° 4	11°32	9°38	19°19	S 16
S 17	16 14 30	4°37'06	25° 4	26° 7	22°43	10° 9	3°41	21°50	4° 6	9°20	29°24	12° 0	11°29	9°45	19°25	S 17
M18	16 18 27	5°34'31	9♏48	28°14	23°56	10°42	3°54	21°51	4° 5	9°22	29°24	11°52	11°26	9°52	19°31	M18
T 19	16 22 23	6°31'56	24°31	0♊22	25°10	11°15	4° 7	21°51	4° 5	9°24	29°24	11°43	11°22	9°58	19°37	T 19
W20	16 26 20	7°29'20	9♐ 6	2°31	26°23	11°48	4°19	21°52	4° 4	9°26	29°24	11°31	11°19	10° 5	19°42	W20
T 21	16 30 16	8°26'43	23°24	4°42	27°36	12°22	4°32	21°52	4° 3	9°28	29°R24	11°20	11°16	10°12	19°48	T 21
F 22	16 34 13	9°24'05	7♑20	6°53	28°49	12°55	4°45	21°52	4° 3	9°30	29°24	11°10	11°13	10°18	19°54	F 22
S 23	16 38 10	10°21'26	20°52	9° 5	0♋ 2	13°29	4°58	21°52	4° 2	9°32	29°24	11° 1	11°10	10°25	20° 0	S 23
S 24	16 42 6	11°18'46	3♒57	11°17	1°15	14° 2	5°11	21°R52	4° 1	9°34	29°24	10°55	11° 7	10°32	20° 6	S 24
M25	16 46 3	12°16'06	16°39	13°29	2°29	14°36	5°24	21°52	4° 1	9°36	29°24	10°52	11° 3	10°38	20°12	M25
T 26	16 49 59	13°13'26	29° 0	15°40	3°42	15° 9	5°37	21°52	4° 1	9°38	29°24	10°50	11° 0	10°45	20°18	T 26
W27	16 53 56	14°10'45	11♓ 4	17°52	4°55	15°43	5°50	21°52	4° 0	9°40	29°24	10°50	10°57	10°52	20°25	W27
T 28	16 57 52	15° 8'03	22°59	20° 2	6° 8	16°17	6° 3	21°51	4° 0	9°42	29°24	10°50	10°54	10°58	20°31	T 28
F 29	17 1 49	16° 5'21	4♈47	22°11	7°21	16°51	6°16	21°51	4° 0	9°44	29°24	10°49	10°51	11° 5	20°37	F 29
S 30	17 5 45	17° 2'39	16°37	24°20	8°34	17°25	6°29	21°50	3°59	9°45	29°23	10°46	10°47	11°12	20°43	S 30
S 31	17 9 42	17♊59'57	28♈30	26♊26	9♋47	17♌59	6♋42	21♒49	3♎59	9♉47	29♒23	10♍41	10♍44	11♈18	20♋50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n35	2s25	1s 9	7n52	2s41	21n 5	0n16	21n33	1n44	23n32	0n 2	15s25	1s 6	1s 6	0n44	12n47	1s45	22s55	11s59	6n28	6n57	1n 7	15n42	6s38
S 2	17 50	1n22	2 8	8 30	2 36	21 22	0 18	21 25	1 43	23 32	0 2	15 25	1 6	1 5	0 44	12 48	1 45	22 55	11 59	6 29	6 58	1 9	15 42	6 38
S 3	18 6	5 6	3 2	9 9	2 31	21 37	0 21	21 17	1 42	23 32	0 3	15 24	1 6	1 5	0 44	12 49	1 45	22 55	12 0	6 31	7 0	1 11	15 42	6 37
M 4	18 21	8 40	3 48	9 49	2 24	21 53	0 23	21 9	1 41	23 32	0 3	15 24	1 6	1 4	0 44	12 49	1 45	22 55	12 0	6 34	7 1	1 13	15 42	6 37
T 5	18 36	11 56	4 25	10 29	2 18	22 7	0 25	21 1	1 40	23 32	0 3	15 23	1 6	1 4	0 43	12 50	1 45	22 56	12 0	6 38	7 2	1 15	15 42	6 36
W 6	18 50	14 43	4 49	11 10	2 11	22 21	0 28	20 52	1 40	23 32	0 3	15 23	1 7	1 3	0 43	12 51	1 45	22 56	12 1	6 42	7 3	1 17	15 41	6 36
T 7	19 4	16 53	5 1	11 52	2 3	22 34	0 30	20 44	1 39	23 32	0 3	15 23	1 7	1 3	0 43	12 52	1 45	22 56	12 1	6 47	7 4	1 19	15 41	6 35
F 8	19 18	18 16	4 58	12 34	1 55	22 47	0 33	20 35	1 38	23 32	0 3	15 22	1 7	1 2	0 43	12 52	1 45	22 56	12 1	6 52	7 6	1 20	15 41	6 35
S 9	19 31	18 45	4 40	13 17	1 46	22 59	0 35	20 26	1 37	23 32	0 3	15 22	1 7	1 2	0 43	12 53	1 45	22 56	12 2	6 56	7 7	1 22	15 41	6 34
S 10	19 44	18 16	4 7	13 59	1 37	23 10	0 38	20 17	1 36	23 32	0 3	15 22	1 7	1 1	0 43	12 54	1 45	22 57	12 2	6 59	7 8	1 24	15 41	6 34
M11	19 57	16 47	3 21	14 42	1 28	23 21	0 40	20 8	1 35	23 32	0 3	15 21	1 8	1 1	0 43	12 54	1 45	22 57	12 2	7 1	7 9	1 26	15 40	6 33
T 12	20 10	14 21	2 22	15 25	1 19	23 31	0 42	19 59	1 35	23 32	0 3	15 21	1 8	1 0	0 43	12 55	1 45	22 57	12 3	7 2	7 10	1 28	15 40	6 33
W13	20 22	11 5	1 15	16 8	1 9	23 41	0 45	19 50	1 34	23 31	0 3	15 21	1 8	1 0	0 43	12 56	1 45	22 57	12 3	7 2	7 12	1 30	15 40	6 32
T 14	20 34	7 8	0 2	16 50	0 58	23 49	0 47	19 41	1 33	23 31	0 4	15 21	1 8	1 0	0 43	12 56	1 45	22 57	12 3	7 2	7 13	1 32	15 40	6 32
F 15	20 45	2 43	1n13	17 32	0 48	23 57	0 49	19 31	1 32	23 31	0 4	15 21	1 8	0 59	0 43	12 57	1 45	22 58	12 4	7 2	7 14	1 34	15 39	6 31
S 16	20 56	1s56	2 24	18 13	0 37	24 5	0 51	19 22	1 31	23 31	0 4	15 21	1 9	0 59	0 43	12 57	1 45	22 58	12 4	7 3	7 15	1 36	15 39	6 31
S 17	21 7	6 31	3 26	18 54	0 27	24 11	0 54	19 12	1 31	23 30	0 4	15 21	1 9	0 59	0 43	12 58	1 45	22 58	12 4	7 5	7 17	1 38	15 39	6 30
M18	21 17	10 45	4 15	19 33	0 16	24 17	0 56	19 2	1 30	23 30	0 4	15 21	1 9	0 58	0 43	12 59	1 45	22 59	12 5	7 8	7 18	1 39	15 38	6 30
T 19	21 27	14 18	4 48	20 12	0 5	24 22	0 58	18 52	1 29	23 30	0 4	15 21	1 9	0 58	0 43	12 59	1 45	22 59	12 5	7 11	7 19	1 41	15 38	6 30
W20	21 37	16 55	5 0	20 48	0n 6	24 27	1 0	18 42	1 28	23 30	0 4	15 21	1 9	0 58	0 43	13 0	1 45	22 59	12 5	7 15	7 20	1 43	15 37	6 29
T 21	21 46	18 26	4 54	21 23	0 16	24 30	1 2	18 32	1 27	23 29	0 4	15 21	1 10	0 58	0 43	13 1	1 45	22 59	12 6	7 20	7 21	1 45	15 37	6 29
F 22	21 55	18 47	4 30	21 57	0 26	24 33	1 4	18 22	1 27	23 29	0 4	15 21	1 10	0 57	0 43	13 1	1 46	23 0	12 6	7 24	7 23	1 47	15 36	6 28
S 23	22 3	18 3	3 52	22 28	0 37	24 36	1 6	18 11	1 26	23 29	0 4	15 21	1 10	0 57	0 43	13 2	1 46	23 0	12 7	7 27	7 24	1 49	15 36	6 28
S 24	22 11	16 22	3 2	22 57	0 46	24 37	1 8	18 1	1 25	23 28	0 5	15 21	1 10	0 57	0 43	13 2	1 46	23 0	12 7	7 29	7 25	1 51	15 36	6 28
M25	22 19	13 54	2 4	23 23	0 55	24 38	1 10	17 50	1 24	23 28	0 5	15 22	1 10	0 57	0 43	13 3	1 46	23 1	12 7	7 31	7 26	1 53	15 35	6 27
T 26	22 26	10 53	1 2	23 47	1 4	24 38	1 12	17 39	1 24	23 27	0 5	15 22	1 10	0 57	0 43	13 4	1 46	23 1	12 8	7 31	7 27	1 55	15 35	6 27
W27	22 33	7 27	0s 1	24 9	1 13	24 38	1 14	17 29	1 23	23 27	0 5	15 22	1 11	0 57	0 43	13 4	1 46	23 2	12 8	7 31	7 29	1 57	15 34	6 27
T 28	22 40	3 46	1 4	24 27	1 20	24 36	1 15	17 18	1 22	23 26	0 5	15 22	1 11	0 56	0 43	13 5	1 46	23 2	12 8	7 31	7 30	1 58	15 33	6 26
F 29	22 46	0n 1	2 3	24 43	1 27	24 34	1 17	17 7	1 21	23 26	0 5	15 23	1 11	0 56	0 43	13 5	1 46	23 2	12 9	7 32	7 31	2 0	15 33	6 26
S 30	22 52	3 49	2 57	24 56	1 34	24 32	1 19	16 56	1 21	23 25	0 5	15 23	1 11	0 56	0 43	13 6	1 46	23 3	12 9	7 33	7 32	2 2	15 32	6 26
S 31	22n57	7n29	3s44	25n 6	1n39	24n28	1n20	16n44	1n20	23n25	0n 5	15s23	1s11	0s56	0n42	13n 6	1s46	23s 3	12s 9	7n35	7n33	2n 4	15n32	6s25

Julian Day Number = 2287680.5, Delta T = 176.98 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'46, Lahiri = 17°35'47 Julian Calendar 1 May 1551 == Greg. Calendar 11 May 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

JUNE 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 13 39	18♊57'13	10♉33	28♊31	11♋ 0	18♌34	6♋55	21°R49	3°R59	9♉49	29°R23	10°R33	10♍41	11♈25	20♋56	M 1
T 2	17 17 35	19°54'30	22°48	0♋35	12°13	19° 8	7° 8	21♒48	3°D59	9°51	29♒23	10♍22	10°38	11°32	21° 2	T 2
W 3	17 21 32	20°51'46	5♊16	2°36	13°26	19°42	7°22	21°47	3♎59	9°53	29°22	10°10	10°35	11°38	21° 9	W 3
T 4	17 25 28	21°49'02	17°59	4°36	14°39	20°17	7°35	21°46	3°59	9°55	29°22	9°58	10°32	11°45	21°15	T 4
F 5	17 29 25	22°46'18	0♋56	6°33	15°52	20°51	7°48	21°45	3°59	9°56	29°22	9°45	10°28	11°52	21°22	F 5
S 6	17 33 21	23°43'33	14° 7	8°29	17° 5	21°26	8° 1	21°43	3°59	9°58	29°21	9°35	10°25	11°58	21°28	S 6
S 7	17 37 18	24°40'47	27°30	10°22	18°18	22° 1	8°15	21°42	4° 0	10° 0	29°21	9°27	10°22	12° 5	21°35	S 7
M 8	17 41 14	25°38'01	11♌ 3	12°13	19°30	22°35	8°28	21°41	4° 0	10° 2	29°21	9°22	10°19	12°12	21°42	M 8
T 9	17 45 11	26°35'15	24°45	14° 2	20°43	23°10	8°41	21°39	4° 0	10° 3	29°20	9°19	10°16	12°18	21°48	T 9
W10	17 49 8	27°32'28	8♍36	15°49	21°56	23°45	8°55	21°37	4° 1	10° 5	29°20	9°D18	10°13	12°25	21°55	W10
T 11	17 53 4	28°29'40	22°36	17°33	23° 9	24°20	9° 8	21°36	4° 1	10° 7	29°19	9°R18	10° 9	12°32	22° 2	T 11
F 12	17 57 1	29°26'52	6♎42	19°16	24°22	24°55	9°21	21°34	4° 2	10° 8	29°19	9°18	10° 6	12°38	22° 9	F 12
S 13	18 0 57	0♋24'03	20°56	20°56	25°34	25°30	9°35	21°32	4° 2	10°10	29°18	9°17	10° 3	12°45	22°15	S 13
S 14	18 4 54	1°21'13	5♏14	22°33	26°47	26° 5	9°48	21°30	4° 3	10°11	29°18	9°13	10° 0	12°52	22°22	S 14
M15	18 8 50	2°18'24	19°35	24° 9	28° 0	26°40	10° 2	21°28	4° 3	10°13	29°17	9° 7	9°57	12°58	22°29	M15
T 16	18 12 47	3°15'34	3♐52	25°42	29°12	27°16	10°15	21°26	4° 4	10°14	29°16	8°58	9°53	13° 5	22°36	T 16
W17	18 16 43	4°12'44	18° 2	27°13	0♑25	27°51	10°29	21°23	4° 5	10°16	29°16	8°49	9°50	13°12	22°43	W17
T 18	18 20 40	5° 9'54	1♑59	28°42	1°38	28°26	10°42	21°21	4° 6	10°17	29°15	8°39	9°47	13°18	22°50	T 18
F 19	18 24 37	6° 7'04	15°39	0♑ 8	2°50	29° 2	10°55	21°19	4° 6	10°19	29°15	8°29	9°44	13°25	22°57	F 19
S 20	18 28 33	7° 4'14	28°59	1°32	4° 3	29°37	11° 9	21°16	4° 7	10°20	29°14	8°22	9°41	13°32	23° 4	S 20
S 21	18 32 30	8° 1'24	11♒57	2°54	5°15	0♍13	11°22	21°14	4° 8	10°22	29°13	8°17	9°38	13°38	23°11	S 21
M22	18 36 26	8°58'34	24°35	4°13	6°28	0°49	11°36	21°11	4° 9	10°23	29°13	8°14	9°34	13°45	23°18	M22
T 23	18 40 23	9°55'45	6♓54	5°30	7°40	1°24	11°49	21° 8	4°10	10°24	29°12	8°D13	9°31	13°52	23°25	T 23
W24	18 44 19	10°52'56	18°59	6°44	8°52	2° 0	12° 3	21° 5	4°11	10°26	29°11	8°13	9°28	13°58	23°32	W24
T 25	18 48 16	11°50'07	0♈54	7°56	10° 5	2°36	12°16	21° 2	4°13	10°27	29°10	8°14	9°25	14° 5	23°39	T 25
F 26	18 52 12	12°47'19	12°45	9° 5	11°17	3°12	12°30	20°59	4°14	10°28	29° 9	8°R14	9°22	14°12	23°46	F 26
S 27	18 56 9	13°44'31	24°36	10°11	12°29	3°48	12°43	20°56	4°15	10°30	29° 9	8°14	9°19	14°18	23°53	S 27
S 28	19 0 6	14°41'44	6♉32	11°15	13°42	4°24	12°57	20°53	4°16	10°31	29° 8	8°11	9°15	14°25	24° 0	S 28
M29	19 4 2	15°38'58	18°38	12°16	14°54	5° 0	13°10	20°50	4°18	10°32	29° 7	8° 7	9°12	14°32	24° 7	M29
T 30	19 7 59	16♋36'12	0♊59	13♌13	16♌ 6	5♍36	13♋24	20♒47	4♎19	10♉33	29♒ 6	8♍ 0	9♍ 9	14♈38	24♋14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 2	10n53	4s21	25n13	1n44	24n24	1n22	16n33	1n19	23n24	0n 5	15s24	1s12	0s56	0n42	13n 7	1s46	23s 3	12s10	7n38	7n35	2n 6	15n31	6s25
T 2	23 7	13 53	4 47	25 18	1 48	24 19	1 24	16 22	1 18	23 23	0 5	15 24	1 12	0 56	0 42	13 8	1 46	23 4	12 10	7 42	7 36	2 8	15 30	6 25
W 3	23 11	16 19	5 0	25 20	1 52	24 14	1 25	16 10	1 18	23 23	0 5	15 25	1 12	0 56	0 42	13 8	1 46	23 4	12 10	7 46	7 37	2 10	15 30	6 24
T 4	23 14	18 0	4 58	25 20	1 55	24 7	1 26	15 58	1 17	23 22	0 6	15 25	1 12	0 56	0 42	13 9	1 46	23 5	12 11	7 51	7 38	2 12	15 29	6 24
F 5	23 18	18 49	4 41	25 17	1 57	24 0	1 28	15 47	1 16	23 22	0 6	15 26	1 12	0 57	0 42	13 9	1 46	23 5	12 11	7 56	7 39	2 14	15 28	6 24
S 6	23 21	18 37	4 9	25 11	1 58	23 52	1 29	15 35	1 15	23 21	0 6	15 27	1 13	0 57	0 42	13 10	1 46	23 6	12 11	8 0	7 41	2 16	15 28	6 24
S 7	23 23	17 24	3 22	25 4	1 59	23 44	1 30	15 23	1 15	23 20	0 6	15 27	1 13	0 57	0 42	13 10	1 46	23 6	12 12	8 3	7 42	2 18	15 27	6 23
M 8	23 25	15 11	2 24	24 54	1 58	23 35	1 31	15 11	1 14	23 19	0 6	15 28	1 13	0 57	0 42	13 11	1 46	23 6	12 12	8 5	7 43	2 19	15 26	6 23
T 9	23 27	12 6	1 16	24 42	1 58	23 25	1 33	14 59	1 13	23 19	0 6	15 28	1 13	0 57	0 42	13 11	1 46	23 7	12 12	8 6	7 44	2 21	15 25	6 23
W10	23 28	8 18	0 4	24 28	1 56	23 15	1 34	14 46	1 12	23 18	0 6	15 29	1 13	0 57	0 42	13 12	1 46	23 7	12 12	8 6	7 45	2 23	15 25	6 23
T 11	23 29	4 1	1n10	24 13	1 54	23 4	1 35	14 34	1 12	23 17	0 6	15 30	1 13	0 58	0 42	13 12	1 46	23 8	12 13	8 6	7 47	2 25	15 24	6 22
F 12	23 30	0s31	2 20	23 56	1 51	22 52	1 36	14 22	1 11	23 16	0 6	15 31	1 14	0 58	0 42	13 13	1 46	23 8	12 13	8 6	7 48	2 27	15 23	6 22
S 13	23 30	5 4	3 22	23 38	1 47	22 39	1 36	14 9	1 10	23 15	0 6	15 31	1 14	0 58	0 42	13 13	1 46	23 9	12 13	8 7	7 49	2 29	15 22	6 22
S 14	23 29	9 20	4 12	23 18	1 43	22 26	1 37	13 56	1 9	23 14	0 6	15 32	1 14	0 58	0 42	13 13	1 46	23 9	12 14	8 8	7 50	2 31	15 21	6 22
M15	23 28	13 5	4 46	22 57	1 39	22 13	1 38	13 44	1 9	23 13	0 7	15 33	1 14	0 59	0 42	13 14	1 46	23 10	12 14	8 10	7 51	2 33	15 20	6 21
T 16	23 27	16 2	5 2	22 35	1 33	21 58	1 39	13 31	1 8	23 13	0 7	15 34	1 14	0 59	0 42	13 14	1 46	23 10	12 14	8 13	7 53	2 35	15 20	6 21
W17	23 26	17 59	4 59	22 11	1 27	21 43	1 39	13 18	1 7	23 12	0 7	15 35	1 15	0 59	0 42	13 15	1 47	23 11	12 15	8 17	7 54	2 37	15 19	6 21
T 18	23 24	18 50	4 39	21 47	1 21	21 28	1 40	13 5	1 7	23 11	0 7	15 36	1 15	1 0	0 42	13 15	1 47	23 11	12 15	8 21	7 55	2 38	15 18	6 21
F 19	23 21	18 34	4 3	21 22	1 14	21 12	1 40	12 52	1 6	23 10	0 7	15 37	1 15	1 0	0 42	13 16	1 47	23 12	12 15	8 24	7 56	2 40	15 17	6 21
S 20	23 18	17 15	3 14	20 57	1 6	20 55	1 40	12 39	1 5	23 9	0 7	15 38	1 15	1 0	0 42	13 16	1 47	23 12	12 16	8 27	7 57	2 42	15 16	6 21
S 21	23 15	15 4	2 16	20 30	0 58	20 38	1 41	12 26	1 4	23 8	0 7	15 39	1 15	1 1	0 42	13 16	1 47	23 13	12 16	8 29	7 59	2 44	15 15	6 20
M22	23 11	12 13	1 12	20 3	0 50	20 20	1 41	12 12	1 4	23 6	0 7	15 40	1 15	1 1	0 42	13 17	1 47	23 13	12 16	8 30	8 0	2 46	15 14	6 20
T 23	23 7	8 53	0 7	19 36	0 41	20 1	1 41	11 59	1 3	23 5	0 7	15 41	1 16	1 2	0 42	13 17	1 47	23 14	12 16	8 31	8 1	2 48	15 13	6 20
W24	23 3	5 15	0s58	19 8	0 32	19 42	1 41	11 45	1 2	23 4	0 7	15 42	1 16	1 2	0 41	13 18	1 47	23 14	12 17	8 30	8 2	2 50	15 12	6 20
T 25	22 58	1 27	1 59	18 41	0 22	19 23	1 41	11 32	1 2	23 3	0 8	15 43	1 16	1 3	0 41	13 18	1 47	23 15	12 17	8 30	8 3	2 52	15 11	6 20
F 26	22 53	2n22	2 55	18 13	0 11	19 3	1 41	11 18	1 1	23 2	0 8	15 44	1 16	1 3	0 41	13 18	1 47	23 15	12 17	8 30	8 5	2 54	15 10	6 20
S 27	22 47	6 6	3 43	17 45	0 1	18 42	1 41	11 4	1 0	23 1	0 8	15 45	1 16	1 4	0 41	13 19	1 47	23 16	12 17	8 30	8 6	2 56	15 9	6 20
S 28	22 41	9 36	4 22	17 17	0s10	18 21	1 40	10 51	1 0	23 0	0 8	15 46	1 16	1 4	0 41	13 19	1 47	23 17	12 18	8 31	8 7	2 58	15 8	6 20
M29	22 34	12 46	4 50	16 49	0 22	18 0	1 40	10 37	0 59	22 58	0 8	15 48	1 17	1 5	0 41	13 19	1 47	23 17	12 18	8 33	8 8	2 59	15 6	6 19
T 30	22n28	15n26	5s 5	16n21	0s33	17n38	1n40	10n23	0n58	22n57	0n 8	15s49	1s17	1s 5	0n41	13n20	1s47	23s18	12s18	8n35	8n 9	3n 1	15n 5	6s19

Julian Day Number = 2287711.5, Delta T = 176.79 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'51, Lahiri = 17°35'51 Julian Calendar 1 June 1551 == Greg. Calendar 11 June 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

JULY 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 11 55	17♋33'26	13♊37	14♌ 8	17♌18	6♍12	13♋37	20°R44	4♎21	10♉34	29°R 5	7°R52	9♍ 6	14♈45	24♋22	W 1
T 2	19 15 52	18°30'42	26°32	14°59	18°31	6°49	13°51	20♒40	4°22	10°35	29♒ 4	7♍44	9° 3	14°52	24°29	T 2
F 3	19 19 48	19°27'58	9♋47	15°47	19°43	7°25	14° 4	20°37	4°24	10°36	29° 3	7°36	8°59	14°58	24°36	F 3
S 4	19 23 45	20°25'14	23°18	16°32	20°55	8° 2	14°17	20°33	4°25	10°38	29° 2	7°29	8°56	15° 5	24°43	S 4
S 5	19 27 41	21°22'31	7♌ 5	17°13	22° 7	8°38	14°31	20°30	4°27	10°39	29° 2	7°23	8°53	15°12	24°50	S 5
M 6	19 31 38	22°19'49	21° 2	17°50	23°19	9°15	14°44	20°26	4°29	10°40	29° 1	7°20	8°50	15°18	24°58	M 6
T 7	19 35 35	23°17'06	5♍ 8	18°23	24°31	9°51	14°58	20°22	4°30	10°40	29° 0	7°D19	8°47	15°25	25° 5	T 7
W 8	19 39 31	24°14'25	19°19	18°52	25°43	10°28	15°11	20°18	4°32	10°41	28°59	7°20	8°44	15°32	25°12	W 8
T 9	19 43 28	25°11'43	3♎32	19°17	26°55	11° 5	15°24	20°15	4°34	10°42	28°58	7°21	8°40	15°38	25°19	T 9
F 10	19 47 24	26° 9'02	17°44	19°37	28° 7	11°41	15°38	20°11	4°36	10°43	28°57	7°22	8°37	15°45	25°26	F 10
S 11	19 51 21	27° 6'21	1♏55	19°53	29°18	12°18	15°51	20° 7	4°38	10°44	28°55	7°R22	8°34	15°52	25°34	S 11
S 12	19 55 17	28° 3'41	16° 2	20° 3	0♍30	12°55	16° 4	20° 3	4°40	10°45	28°54	7°21	8°31	15°58	25°41	S 12
M13	19 59 14	29° 1'01	0♐ 3	20° 9	1°42	13°32	16°18	19°59	4°42	10°46	28°53	7°18	8°28	16° 5	25°48	M13
T 14	20 3 10	29°58'22	13°56	20°R10	2°54	14° 9	16°31	19°55	4°44	10°46	28°52	7°13	8°24	16°12	25°55	T 14
W15	20 7 7	0♑55'44	27°40	20° 6	4° 5	14°46	16°44	19°51	4°46	10°47	28°51	7° 8	8°21	16°18	26° 2	W15
T 16	20 11 4	1°53'06	11♒11	19°57	5°17	15°23	16°58	19°46	4°48	10°48	28°50	7° 2	8°18	16°25	26°10	T 16
F 17	20 15 0	2°50'29	24°27	19°42	6°29	16° 1	17°11	19°42	4°50	10°48	28°49	6°57	8°15	16°32	26°17	F 17
S 18	20 18 57	3°47'52	7♓27	19°23	7°40	16°38	17°24	19°38	4°53	10°49	28°48	6°53	8°12	16°38	26°24	S 18
S 19	20 22 53	4°45'17	20°11	18°58	8°52	17°15	17°37	19°34	4°55	10°49	28°47	6°50	8° 9	16°45	26°31	S 19
M20	20 26 50	5°42'43	2♈40	18°29	10° 3	17°53	17°50	19°29	4°57	10°50	28°46	6°D49	8° 5	16°52	26°38	M20
T 21	20 30 46	6°40'10	14°54	17°55	11°14	18°30	18° 3	19°25	5° 0	10°51	28°44	6°49	8° 2	16°58	26°46	T 21
W22	20 34 43	7°37'38	26°56	17°17	12°26	19° 7	18°16	19°21	5° 2	10°51	28°43	6°50	7°59	17° 5	26°53	W22
T 23	20 38 39	8°35'07	8♈50	16°35	13°37	19°45	18°29	19°16	5° 4	10°51	28°42	6°52	7°56	17°12	27° 0	T 23
F 24	20 42 36	9°32'37	20°41	15°51	14°48	20°23	18°42	19°12	5° 7	10°52	28°41	6°54	7°53	17°18	27° 7	F 24
S 25	20 46 33	10°30'09	2♉32	15° 4	15°59	21° 0	18°55	19° 8	5° 9	10°52	28°40	6°55	7°50	17°25	27°14	S 25
S 26	20 50 29	11°27'43	14°29	14°16	17°10	21°38	19° 8	19° 3	5°12	10°53	28°38	6°R55	7°46	17°32	27°21	S 26
M27	20 54 26	12°25'17	26°36	13°27	18°22	22°16	19°21	18°59	5°15	10°53	28°37	6°54	7°43	17°38	27°28	M27
T 28	20 58 22	13°22'54	8♊57	12°38	19°33	22°54	19°34	18°54	5°17	10°53	28°36	6°52	7°40	17°45	27°36	T 28
W29	21 2 19	14°20'32	21°38	11°51	20°44	23°32	19°47	18°50	5°20	10°53	28°35	6°50	7°37	17°52	27°43	W29
T 30	21 6 15	15°18'11	4♋40	11° 5	21°55	24° 9	20° 0	18°45	5°23	10°54	28°34	6°47	7°34	17°59	27°50	T 30
F 31	21 10 12	16♌15'52	18♋ 4	10♌23	23♍ 5	24♍48	20♋12	18♒41	5♎25	10♉54	28♒32	6♍44	7♍30	18♈ 5	27♋57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n20	17n26	5s 5	15n54	0s46	17n15	1n39	10n 9	0n57	22n56	0n 8	15s50	1s17	1s 6	0n41	13n20	1s47	23s18	12s19	8n38	8n11	3n 3	15n 4	6s19
T 2	22 13	18 36	4 51	15 27	0 58	16 53	1 39	9 55	0 57	22 55	0 8	15 51	1 17	1 7	0 41	13 20	1 47	23 19	12 19	8 41	8 12	3 5	15 3	6 19
F 3	22 5	18 48	4 20	15 1	1 11	16 29	1 38	9 40	0 56	22 53	0 8	15 52	1 17	1 7	0 41	13 20	1 47	23 19	12 19	8 44	8 13	3 7	15 2	6 19
S 4	21 56	17 57	3 35	14 36	1 23	16 5	1 37	9 26	0 55	22 52	0 8	15 54	1 17	1 8	0 41	13 21	1 47	23 20	12 19	8 47	8 14	3 9	15 1	6 19
S 5	21 48	16 2	2 36	14 11	1 36	15 41	1 36	9 12	0 55	22 51	0 8	15 55	1 18	1 9	0 41	13 21	1 47	23 20	12 19	8 49	8 15	3 11	14 59	6 19
M 6	21 38	13 9	1 27	13 47	1 50	15 17	1 35	8 57	0 54	22 49	0 9	15 56	1 18	1 9	0 41	13 21	1 48	23 21	12 20	8 50	8 17	3 13	14 58	6 19
T 7	21 29	9 28	0 12	13 24	2 3	14 52	1 34	8 43	0 53	22 48	0 9	15 58	1 18	1 10	0 41	13 21	1 48	23 22	12 20	8 51	8 18	3 15	14 57	6 19
W 8	21 19	5 14	1n 5	13 3	2 16	14 27	1 33	8 28	0 53	22 46	0 9	15 59	1 18	1 11	0 41	13 22	1 48	23 22	12 20	8 50	8 19	3 17	14 56	6 19
T 9	21 9	0 42	2 17	12 42	2 30	14 1	1 32	8 14	0 52	22 45	0 9	16 0	1 18	1 12	0 41	13 22	1 48	23 23	12 20	8 50	8 20	3 19	14 55	6 19
F 10	20 58	3s52	3 22	12 23	2 43	13 35	1 31	7 59	0 51	22 44	0 9	16 2	1 18	1 12	0 41	13 22	1 48	23 23	12 21	8 50	8 21	3 20	14 53	6 19
S 11	20 47	8 12	4 13	12 6	2 56	13 8	1 30	7 44	0 51	22 42	0 9	16 3	1 18	1 13	0 41	13 22	1 48	23 24	12 21	8 49	8 23	3 22	14 52	6 19
S 12	20 36	12 3	4 50	11 50	3 10	12 42	1 28	7 30	0 50	22 41	0 9	16 4	1 18	1 14	0 41	13 22	1 48	23 24	12 21	8 50	8 24	3 24	14 51	6 19
M13	20 24	15 11	5 8	11 36	3 22	12 15	1 27	7 15	0 49	22 39	0 9	16 6	1 19	1 15	0 41	13 23	1 48	23 25	12 21	8 51	8 25	3 26	14 49	6 19
T 14	20 12	17 25	5 9	11 24	3 35	11 47	1 25	7 0	0 49	22 38	0 9	16 7	1 19	1 16	0 41	13 23	1 48	23 26	12 21	8 53	8 26	3 28	14 48	6 19
W15	20 0	18 37	4 51	11 14	3 47	11 20	1 24	6 45	0 48	22 36	0 9	16 9	1 19	1 17	0 41	13 23	1 48	23 26	12 22	8 55	8 27	3 30	14 47	6 19
T 16	19 47	18 45	4 18	11 6	3 58	10 52	1 22	6 30	0 47	22 34	0 10	16 10	1 19	1 18	0 41	13 23	1 48	23 27	12 22	8 57	8 29	3 32	14 45	6 19
F 17	19 34	17 49	3 31	11 0	4 9	10 24	1 20	6 15	0 47	22 33	0 10	16 12	1 19	1 18	0 41	13 23	1 48	23 27	12 22	8 59	8 30	3 34	14 44	6 19
S 18	19 21	15 58	2 34	10 57	4 18	9 55	1 18	6 0	0 46	22 31	0 10	16 13	1 19	1 19	0 41	13 23	1 48	23 28	12 22	9 0	8 31	3 36	14 43	6 19
S 19	19 7	13 22	1 30	10 56	4 27	9 27	1 16	5 44	0 45	22 30	0 10	16 14	1 19	1 20	0 40	13 24	1 48	23 29	12 22	9 1	8 32	3 38	14 41	6 19
M20	18 53	10 12	0 23	10 58	4 35	8 58	1 14	5 29	0 44	22 28	0 10	16 16	1 19	1 21	0 40	13 24	1 48	23 29	12 23	9 2	8 33	3 40	14 40	6 19
T 21	18 39	6 39	0s44	11 2	4 41	8 29	1 12	5 14	0 44	22 26	0 10	16 17	1 20	1 22	0 40	13 24	1 48	23 30	12 23	9 2	8 34	3 41	14 38	6 20
W22	18 24	2 53	1 48	11 9	4 46	7 59	1 10	4 59	0 43	22 25	0 10	16 19	1 20	1 23	0 40	13 24	1 48	23 30	12 23	9 1	8 36	3 43	14 37	6 20
T 23	18 9	0n57	2 47	11 18	4 49	7 30	1 8	4 43	0 42	22 23	0 10	16 20	1 20	1 24	0 40	13 24	1 49	23 31	12 23	9 1	8 37	3 45	14 36	6 20
F 24	17 54	4 43	3 38	11 29	4 51	7 0	1 5	4 28	0 42	22 21	0 10	16 22	1 20	1 25	0 40	13 24	1 49	23 31	12 23	9 0	8 38	3 47	14 34	6 20
S 25	17 39	8 18	4 20	11 43	4 51	6 30	1 3	4 12	0 41	22 20	0 11	16 23	1 20	1 26	0 40	13 24	1 49	23 32	12 23	9 0	8 39	3 49	14 33	6 20
S 26	17 23	11 35	4 51	11 59	4 49	6 0	1 1	3 57	0 40	22 18	0 11	16 25	1 20	1 27	0 40	13 24	1 49	23 33	12 23	9 0	8 40	3 51	14 31	6 20
M27	17 7	14 25	5 10	12 16	4 45	5 30	0 58	3 41	0 40	22 16	0 11	16 26	1 20	1 28	0 40	13 24	1 49	23 33	12 24	9 0	8 42	3 53	14 30	6 20
T 28	16 51	16 40	5 15	12 35	4 40	5 0	0 55	3 26	0 39	22 15	0 11	16 28	1 20	1 29	0 40	13 24	1 49	23 34	12 24	9 0	8 43	3 55	14 28	6 20
W29	16 34	18 10	5 4	12 55	4 32	4 29	0 53	3 10	0 38	22 13	0 11	16 29	1 20	1 31	0 40	13 24	1 49	23 34	12 24	9 1	8 44	3 57	14 27	6 21
T 30	16 17	18 46	4 39	13 16	4 23	3 59	0 50	2 54	0 38	22 11	0 11	16 31	1 21	1 32	0 40	13 24	1 49	23 35	12 24	9 3	8 45	3 59	14 25	6 21
F 31	16n 0	18n22	3s57	13n38	4s12	3n28	0n47	2n39	0n37	22n 9	0n11	16s32	1s21	1s33	0n40	13n24	1s49	23s35	12s24	9n 4	8n46	4n 1	14n24	6s21

Julian Day Number = 2287741.5, Delta T = 176.61 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'55, Lahiri = 17°35'55 Julian Calendar 1 July 1551 == Greg. Calendar 11 July 1551

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1551
geocentric

AUGUST 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 14 8	17♌13'34	1♌50	9°R45	24♍16	25♍26	20♋25	18°R36	5♎28	10♉54	28°R31	6°R41	7♍27	18♈12	28♋ 4	S 1
S 2	21 18 5	18°11'17	15°56	9♌11	25°27	26° 4	20°38	18♒32	5°31	10°54	28♒30	6♍39	7°24	18°19	28°11	S 2
M 3	21 22 2	19° 9'02	0♍18	8°43	26°38	26°42	20°50	18°27	5°34	10°54	28°29	6°D38	7°21	18°25	28°18	M 3
T 4	21 25 58	20° 6'48	14°50	8°21	27°48	27°20	21° 3	18°23	5°37	10°54	28°27	6°39	7°18	18°32	28°25	T 4
W 5	21 29 55	21° 4'36	29°26	8° 6	28°59	27°59	21°15	18°18	5°40	10°R54	28°26	6°39	7°15	18°39	28°32	W 5
T 6	21 33 51	22° 2'25	14♎ 1	7°58	0♎10	28°37	21°28	18°14	5°43	10°54	28°25	6°40	7°11	18°45	28°38	T 6
F 7	21 37 48	23° 0'14	28°30	7°D58	1°20	29°15	21°40	18° 9	5°46	10°54	28°23	6°41	7° 8	18°52	28°45	F 7
S 8	21 41 44	23°58'05	12♏49	8° 5	2°30	29°54	21°52	18° 5	5°49	10°54	28°22	6°42	7° 5	18°59	28°52	S 8
S 9	21 45 41	24°55'58	26°54	8°20	3°41	0♎32	22° 5	18° 0	5°52	10°54	28°21	6°R42	7° 2	19° 5	28°59	S 9
M10	21 49 37	25°53'51	10♐46	8°43	4°51	1°11	22°17	17°56	5°55	10°54	28°20	6°42	6°59	19°12	29° 6	M10
T 11	21 53 34	26°51'46	24°23	9°14	6° 1	1°50	22°29	17°51	5°58	10°54	28°18	6°41	6°56	19°19	29°13	T 11
W12	21 57 31	27°49'42	7♑44	9°53	7°11	2°28	22°41	17°47	6° 1	10°54	28°17	6°40	6°52	19°25	29°19	W12
T 13	22 1 27	28°47'40	20°51	10°39	8°21	3° 7	22°53	17°42	6° 4	10°53	28°16	6°39	6°49	19°32	29°26	T 13
F 14	22 5 24	29°45'39	3♒44	11°33	9°31	3°46	23° 5	17°38	6° 7	10°53	28°14	6°38	6°46	19°39	29°33	F 14
S 15	22 9 20	0♍43'39	16°24	12°34	10°41	4°25	23°17	17°34	6°11	10°53	28°13	6°38	6°43	19°45	29°39	S 15
S 16	22 13 17	1°41'41	28°51	13°42	11°51	5° 4	23°29	17°29	6°14	10°52	28°12	6°37	6°40	19°52	29°46	S 16
M17	22 17 13	2°39'44	11♓ 6	14°56	13° 1	5°43	23°41	17°25	6°17	10°52	28°11	6°D37	6°36	19°59	29°52	M17
T 18	22 21 10	3°37'50	23°12	16°16	14°11	6°22	23°53	17°21	6°21	10°52	28° 9	6°37	6°33	20° 5	29°59	T 18
W19	22 25 6	4°35'57	5♈ 9	17°41	15°20	7° 1	24° 4	17°17	6°24	10°51	28° 8	6°38	6°30	20°12	0♌ 5	W19
T 20	22 29 3	5°34'05	17° 1	19°11	16°30	7°40	24°16	17°12	6°27	10°51	28° 7	6°38	6°27	20°19	0°12	T 20
F 21	22 32 59	6°32'16	28°51	20°46	17°39	8°19	24°28	17° 8	6°31	10°50	28° 6	6°R38	6°24	20°25	0°18	F 21
S 22	22 36 56	7°30'29	10♉42	22°25	18°48	8°59	24°39	17° 4	6°34	10°50	28° 4	6°38	6°21	20°32	0°25	S 22
S 23	22 40 53	8°28'44	22°38	24° 7	19°58	9°38	24°50	17° 0	6°37	10°49	28° 3	6°38	6°17	20°39	0°31	S 23
M24	22 44 49	9°27'01	4♊43	25°51	21° 7	10°17	25° 2	16°56	6°41	10°48	28° 2	6°D38	6°14	20°46	0°37	M24
T 25	22 48 46	10°25'20	17° 3	27°39	22°16	10°57	25°13	16°52	6°44	10°48	28° 0	6°38	6°11	20°52	0°43	T 25
W26	22 52 42	11°23'41	29°40	29°28	23°25	11°36	25°24	16°48	6°48	10°47	27°59	6°38	6° 8	20°59	0°50	W26
T 27	22 56 39	12°22'04	12♋40	1♍19	24°34	12°16	25°35	16°44	6°51	10°46	27°58	6°38	6° 5	21° 6	0°56	T 27
F 28	23 0 35	13°20'30	26° 4	3°11	25°42	12°56	25°46	16°41	6°55	10°46	27°57	6°39	6° 2	21°12	1° 2	F 28
S 29	23 4 32	14°18'57	9♌54	5° 3	26°51	13°35	25°57	16°37	6°58	10°45	27°56	6°39	5°58	21°19	1° 8	S 29
S 30	23 8 28	15°17'27	24°10	6°56	28° 0	14°15	26° 8	16°33	7° 2	10°44	27°54	6°40	5°55	21°26	1°14	S 30
M31	23 12 25	16♍15'58	8♍46	8♍50	29♎ 8	14♎55	26♋19	16♒30	7♎ 6	10♉43	27♒53	6°R40	5♍52	21♈32	1♌20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n42	16n52	3s 1	14n 0	3s59	2n57	0n44	2n23	0n36	22n 8	0n11	16s34	1s21	1s34	0n40	13n24	1s49	23s36	12s24	9n 5	8n48	4n 3	14n22	6s21	
S 2	15 25	14 19	1 52	14 22	3 46	2 27	0 41	2 7	0 36	22 6	0 11	16 35	1 21	1 35	0 40	13 24	1 49	23 36	12 24	9 5	8 49	4 4	14 21	6 21	
M 3	15 7	10 51	0 35	14 44	3 31	1 56	0 38	1 51	0 35	22 4	0 11	16 37	1 21	1 36	0 40	13 24	1 49	23 37	12 24	9 6	8 50	4 6	14 19	6 22	
T 4	14 49	6 41	0n45	15 5	3 15	1 25	0 35	1 35	0 35	22 2	0 12	16 38	1 21	1 37	0 40	13 24	1 49	23 38	12 24	9 6	8 51	4 8	14 18	6 22	
W 5	14 30	2 6	2 3	15 25	2 58	0 54	0 32	1 19	0 34	22 0	0 12	16 40	1 21	1 39	0 40	13 24	1 49	23 38	12 25	9 5	8 52	4 10	14 16	6 22	
T 6	14 12	2s35	3 12	15 43	2 41	0 23	0 29	1 4	0 33	21 58	0 12	16 41	1 21	1 40	0 40	13 24	1 49	23 39	12 25	9 5	8 53	4 12	14 14	6 22	
F 7	13 53	7 5	4 9	16 1	2 23	0s 9	0 25	0 48	0 33	21 57	0 12	16 43	1 21	1 41	0 40	13 24	1 49	23 39	12 25	9 5	8 55	4 14	14 13	6 22	
S 8	13 34	11 7	4 50	16 16	2 5	0 40	0 22	0 32	0 32	21 55	0 12	16 44	1 21	1 42	0 40	13 24	1 49	23 40	12 25	9 4	8 56	4 16	14 11	6 23	
S 9	13 14	14 27	5 12	16 30	1 47	1 11	0 19	0 16	0 31	21 53	0 12	16 46	1 21	1 43	0 40	13 24	1 50	23 40	12 25	9 4	8 57	4 18	14 10	6 23	
M10	12 55	16 54	5 16	16 41	1 29	1 42	0 15	0s 0	0 31	21 51	0 12	16 47	1 21	1 45	0 40	13 24	1 50	23 41	12 25	9 4	8 58	4 20	14 8	6 23	
T 11	12 35	18 21	5 2	16 50	1 12	2 13	0 12	0 16	0 30	21 49	0 12	16 48	1 21	1 46	0 40	13 24	1 50	23 41	12 25	9 5	8 59	4 22	14 6	6 23	
W12	12 15	18 45	4 32	16 56	0 55	2 44	0 8	0 32	0 29	21 47	0 13	16 50	1 21	1 47	0 40	13 23	1 50	23 42	12 25	9 5	9 1	4 24	14 5	6 24	
T 13	11 55	18 7	3 48	17 0	0 38	3 15	0 5	0 48	0 29	21 45	0 13	16 51	1 21	1 49	0 40	13 23	1 50	23 42	12 25	9 5	9 2	4 25	14 3	6 24	
F 14	11 35	16 34	2 53	17 0	0 22	3 46	0 1	1 4	0 28	21 43	0 13	16 53	1 22	1 50	0 40	13 23	1 50	23 43	12 25	9 6	9 3	4 27	14 2	6 24	
S 15	11 14	14 13	1 50	16 58	0 7	4 17	0s 3	1 20	0 27	21 42	0 13	16 54	1 22	1 51	0 40	13 23	1 50	23 43	12 25	9 6	9 4	4 29	14 0	6 25	
S 16	10 54	11 14	0 43	16 53	0n 8	4 48	0 7	1 37	0 27	21 40	0 13	16 55	1 22	1 52	0 40	13 23	1 50	23 44	12 25	9 6	9 5	4 31	13 58	6 25	
M17	10 33	7 48	0s25	16 44	0 22	5 19	0 10	1 53	0 26	21 38	0 13	16 57	1 22	1 54	0 40	13 23	1 50	23 44	12 25	9 6	9 6	4 33	13 57	6 25	
T 18	10 12	4 6	1 31	16 33	0 34	5 49	0 14	2 9	0 25	21 36	0 13	16 58	1 22	1 55	0 40	13 22	1 50	23 45	12 25	9 6	9 8	4 35	13 55	6 25	
W19	9 51	0 16	2 32	16 18	0 46	6 20	0 18	2 25	0 25	21 34	0 13	16 59	1 22	1 56	0 40	13 22	1 50	23 45	12 25	9 6	9 9	4 37	13 53	6 26	
T 20	9 29	3n32	3 26	16 0	0 57	6 50	0 22	2 41	0 24	21 32	0 13	17 1	1 22	1 58	0 40	13 22	1 50	23 46	12 25	9 6	9 10	4 39	13 52	6 26	
F 21	9 8	7 11	4 11	15 39	1 6	7 21	0 26	2 57	0 23	21 30	0 14	17 2	1 22	1 59	0 40	13 22	1 50	23 46	12 25	9 6	9 11	4 41	13 50	6 27	
S 22	8 46	10 32	4 46	15 15	1 15	7 51	0 30	3 13	0 23	21 28	0 14	17 3	1 22	2 1	0 40	13 22	1 50	23 47	12 25	9 6	9 12	4 43	13 48	6 27	
S 23	8 25	13 30	5 8	14 49	1 23	8 21	0 34	3 29	0 22	21 26	0 14	17 5	1 22	2 2	0 39	13 21	1 50	23 47	12 25	9 6	9 13	4 45	13 47	6 27	
M24	8 3	15 56	5 17	14 20	1 29	8 51	0 38	3 45	0 21	21 24	0 14	17 6	1 22	2 3	0 39	13 21	1 50	23 47	12 25	9 6	9 15	4 46	13 45	6 28	
T 25	7 41	17 41	5 12	13 48	1 35	9 20	0 42	4 1	0 21	21 22	0 14	17 7	1 22	2 5	0 39	13 21	1 50	23 48	12 25	9 6	9 16	4 48	13 43	6 28	
W26	7 18	18 37	4 52	13 14	1 39	9 50	0 46	4 18	0 20	21 20	0 14	17 8	1 22	2 6	0 39	13 21	1 51	23 48	12 25	9 6	9 17	4 50	13 42	6 28	
T 27	6 56	18 38	4 17	12 38	1 43	10 19	0 50	4 34	0 20	21 19	0 14	17 9	1 22	2 7	0 39	13 20	1 51	23 49	12 25	9 6	9 18	4 52	13 40	6 29	
F 28	6 34	17 36	3 27	12 0	1 46	10 48	0 55	4 50	0 19	21 17	0 14	17 11	1 22	2 9	0 39	13 20	1 51	23 49	12 25	9 6	9 19	4 54	13 38	6 29	
S 29	6 11	15 30	2 23	11 21	1 48	11 17	0 59	5 6	0 18	21 15	0 15	17 12	1 22	2 10	0 39	13 20	1 51	23 50	12 25	9 5	9 21	4 56	13 37	6 30	
S 30	5 49	12 25	1 9	10 40	1 49	11 46	1 3	5 22	0 18	21 13	0 15	17 13	1 22	2 12	0 39	13 20	1 51	23 50	12 25	9 5	9 22	4 58	13 35	6 30	
M31	5n26	8n29	0n12	9n58	1n49	12s14	1s 7	5s38	0n17	21n11	0n15	17s14	1s22	2s13	0n39	13n19	1s51	23s50	12s25	9n 5	9n23	5n 0	13n33	6s30	

Julian Day Number = 2287772.5, Delta T = 176.43 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°28'59, Lahiri = 17°35'59 Julian Calendar 1 Aug. 1551 == Greg. Calendar 11 Aug. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

SEPTEMBER 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 16 22	17♍14'32	23♍39	10♍43	0♏17	15♎35	26♋30	16°R26	7♎ 9	10°R43	27°R52	6°R40	5♍49	21♈39	1♌26	T 1
W 2	23 20 18	18°13'07	8♎39	12°36	1°25	16°15	26°40	16♒22	7°13	10♉42	27♒51	6♍39	5°46	21°46	1°31	W 2
T 3	23 24 15	19°11'44	23°39	14°29	2°33	16°55	26°51	16°19	7°16	10°41	27°50	6°38	5°42	21°52	1°37	T 3
F 4	23 28 11	20°10'23	8♏29	16°21	3°41	17°35	27° 1	16°16	7°20	10°40	27°48	6°36	5°39	21°59	1°43	F 4
S 5	23 32 8	21° 9'04	23° 4	18°13	4°49	18°15	27°11	16°12	7°24	10°39	27°47	6°34	5°36	22° 6	1°49	S 5
S 6	23 36 4	22° 7'46	7♐19	20° 4	5°57	18°55	27°21	16° 9	7°27	10°38	27°46	6°33	5°33	22°12	1°54	S 6
M 7	23 40 1	23° 6'30	21°12	21°54	7° 5	19°35	27°32	16° 6	7°31	10°37	27°45	6°D33	5°30	22°19	2° 0	M 7
T 8	23 43 57	24° 5'16	4♑42	23°43	8°12	20°16	27°42	16° 3	7°35	10°36	27°44	6°33	5°27	22°26	2° 5	T 8
W 9	23 47 54	25° 4'03	17°52	25°32	9°20	20°56	27°51	16° 0	7°39	10°35	27°43	6°34	5°23	22°33	2°11	W 9
T 10	23 51 51	26° 2'53	0♒43	27°19	10°27	21°37	28° 1	15°57	7°42	10°34	27°42	6°35	5°20	22°39	2°16	T 10
F 11	23 55 47	27° 1'44	13°17	29° 6	11°34	22°17	28°11	15°54	7°46	10°33	27°40	6°37	5°17	22°46	2°21	F 11
S 12	23 59 44	28° 0'36	25°39	0♎52	12°41	22°58	28°21	15°51	7°50	10°32	27°39	6°38	5°14	22°53	2°27	S 12
S 13	0 3 40	28°59'31	7♓51	2°37	13°48	23°38	28°30	15°49	7°53	10°30	27°38	6°R38	5°11	22°59	2°32	S 13
M14	0 7 37	29°58'28	19°54	4°21	14°55	24°19	28°39	15°46	7°57	10°29	27°37	6°38	5° 7	23° 6	2°37	M14
T 15	0 11 33	0♎57'26	1♈51	6° 4	16° 1	24°59	28°49	15°44	8° 1	10°28	27°36	6°36	5° 4	23°13	2°42	T 15
W16	0 15 30	1°56'27	13°44	7°46	17° 8	25°40	28°58	15°41	8° 5	10°27	27°35	6°33	5° 1	23°19	2°47	W16
T 17	0 19 26	2°55'29	25°35	9°27	18°14	26°21	29° 7	15°39	8° 8	10°26	27°34	6°29	4°58	23°26	2°52	T 17
F 18	0 23 23	3°54'34	7♉25	11° 8	19°20	27° 2	29°16	15°37	8°12	10°24	27°33	6°24	4°55	23°33	2°56	F 18
S 19	0 27 19	4°53'41	19°17	12°48	20°26	27°43	29°25	15°34	8°16	10°23	27°32	6°19	4°52	23°39	3° 1	S 19
S 20	0 31 16	5°52'51	1♊14	14°27	21°32	28°24	29°33	15°32	8°20	10°22	27°31	6°14	4°48	23°46	3° 6	S 20
M21	0 35 13	6°52'02	13°20	16° 5	22°37	29° 5	29°42	15°30	8°24	10°20	27°30	6°11	4°45	23°53	3°10	M21
T 22	0 39 9	7°51'16	25°37	17°42	23°43	29°46	29°50	15°28	8°27	10°19	27°29	6° 9	4°42	23°59	3°15	T 22
W23	0 43 6	8°50'33	8♋10	19°18	24°48	0♏27	29°59	15°27	8°31	10°18	27°28	6°D 8	4°39	24° 6	3°19	W23
T 24	0 47 2	9°49'52	21° 3	20°54	25°53	1° 8	0♌ 7	15°25	8°35	10°16	27°28	6° 8	4°36	24°13	3°24	T 24
F 25	0 50 59	10°49'13	4♌19	22°29	26°58	1°50	0°15	15°23	8°39	10°15	27°27	6°10	4°33	24°20	3°28	F 25
S 26	0 54 55	11°48'36	18° 2	24° 4	28° 2	2°31	0°23	15°22	8°42	10°13	27°26	6°11	4°29	24°26	3°32	S 26
S 27	0 58 52	12°48'02	2♍13	25°37	29° 7	3°13	0°30	15°20	8°46	10°12	27°25	6°R12	4°26	24°33	3°37	S 27
M28	1 2 48	13°47'29	16°50	27°10	0♐11	3°54	0°38	15°19	8°50	10°11	27°24	6°12	4°23	24°40	3°41	M28
T 29	1 6 45	14°46'59	1♎48	28°42	1°15	4°36	0°46	15°18	8°54	10° 9	27°23	6°10	4°20	24°46	3°45	T 29
W30	1 10 42	15♎46'32	17♎ 1	0♏14	2♐18	5♏17	0♌53	15♒17	8♎58	10♉ 8	27♒23	6♍ 6	4♍17	24♈53	3♌48	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n 3	3n57	1n33	9n14	1n49	12s43	1s11	5s54	0n16	21n 9	0n15	17s15	1s22	2s15	0n39	13n19	1s51	23s51	12s25	9n 5	9n24	5n 2	13n32	6s31
W 2	4 40	0s52	2 48	8 30	1 48	13 11	1 16	6 10	0 16	21 7	0 15	17 16	1 22	2 16	0 39	13 19	1 51	23 51	12 25	9 6	9 25	5 4	13 30	6 31
T 3	4 17	5 36	3 52	7 45	1 46	13 38	1 20	6 26	0 15	21 5	0 15	17 17	1 22	2 18	0 39	13 18	1 51	23 51	12 25	9 6	9 26	5 6	13 28	6 32
F 4	3 54	9 57	4 39	6 59	1 44	14 6	1 24	6 42	0 14	21 3	0 15	17 18	1 22	2 19	0 39	13 18	1 51	23 52	12 25	9 7	9 28	5 7	13 27	6 32
S 5	3 31	13 37	5 8	6 13	1 41	14 33	1 28	6 58	0 14	21 1	0 16	17 19	1 22	2 20	0 39	13 18	1 51	23 52	12 25	9 7	9 29	5 9	13 25	6 33
S 6	3 8	16 23	5 16	5 27	1 38	15 0	1 33	7 14	0 13	21 0	0 16	17 20	1 22	2 22	0 39	13 17	1 51	23 52	12 24	9 8	9 30	5 11	13 23	6 33
M 7	2 45	18 7	5 6	4 40	1 34	15 26	1 37	7 29	0 12	20 58	0 16	17 21	1 22	2 23	0 39	13 17	1 51	23 53	12 24	9 8	9 31	5 13	13 22	6 34
T 8	2 21	18 46	4 39	3 53	1 30	15 52	1 41	7 45	0 12	20 56	0 16	17 22	1 22	2 25	0 39	13 17	1 51	23 53	12 24	9 8	9 32	5 15	13 20	6 34
W 9	1 58	18 22	3 58	3 5	1 26	16 18	1 45	8 1	0 11	20 54	0 16	17 23	1 22	2 26	0 39	13 16	1 51	23 53	12 24	9 7	9 33	5 17	13 19	6 35
T 10	1 34	17 1	3 6	2 18	1 21	16 43	1 50	8 17	0 11	20 52	0 16	17 24	1 22	2 28	0 39	13 16	1 51	23 54	12 24	9 7	9 35	5 19	13 17	6 35
F 11	1 11	14 52	2 5	1 31	1 16	17 9	1 54	8 33	0 10	20 50	0 16	17 24	1 22	2 29	0 39	13 15	1 51	23 54	12 24	9 6	9 36	5 21	13 15	6 36
S 12	0 48	12 3	1 0	0 44	1 10	17 33	1 58	8 48	0 9	20 49	0 16	17 25	1 22	2 31	0 39	13 15	1 51	23 54	12 24	9 6	9 37	5 23	13 14	6 36
S 13	0 24	8 45	0s 7	0s 3	1 5	17 58	2 2	9 4	0 9	20 47	0 17	17 26	1 22	2 32	0 39	13 15	1 51	23 55	12 24	9 6	9 38	5 25	13 12	6 37
M14	0 1	5 7	1 12	0 50	0 59	18 22	2 6	9 19	0 8	20 45	0 17	17 27	1 22	2 34	0 39	13 14	1 51	23 55	12 24	9 6	9 39	5 27	13 10	6 37
T 15	0s23	1 19	2 14	1 36	0 53	18 45	2 11	9 35	0 7	20 43	0 17	17 28	1 22	2 35	0 39	13 14	1 51	23 55	12 23	9 7	9 40	5 28	13 9	6 38
W16	0 46	2n31	3 10	2 22	0 47	19 8	2 15	9 50	0 7	20 42	0 17	17 28	1 22	2 37	0 39	13 13	1 52	23 55	12 23	9 8	9 42	5 30	13 7	6 38
T 17	1 10	6 14	3 57	3 8	0 41	19 31	2 19	10 6	0 6	20 40	0 17	17 29	1 22	2 38	0 39	13 13	1 52	23 56	12 23	9 9	9 43	5 32	13 5	6 39
F 18	1 33	9 42	4 34	3 54	0 34	19 53	2 23	10 21	0 5	20 38	0 17	17 30	1 22	2 40	0 39	13 13	1 52	23 56	12 23	9 11	9 44	5 34	13 4	6 39
S 19	1 57	12 47	4 59	4 39	0 27	20 15	2 27	10 37	0 5	20 36	0 18	17 30	1 22	2 41	0 39	13 12	1 52	23 56	12 23	9 13	9 45	5 36	13 2	6 40
S 20	2 20	15 22	5 12	5 23	0 21	20 37	2 31	10 52	0 4	20 35	0 18	17 31	1 22	2 43	0 39	13 12	1 52	23 56	12 23	9 15	9 46	5 38	13 1	6 40
M21	2 44	17 19	5 10	6 7	0 14	20 58	2 35	11 7	0 4	20 33	0 18	17 31	1 21	2 44	0 39	13 11	1 52	23 56	12 23	9 16	9 47	5 40	12 59	6 41
T 22	3 7	18 31	4 55	6 51	0 7	21 18	2 39	11 22	0 3	20 32	0 18	17 32	1 21	2 46	0 39	13 11	1 52	23 57	12 22	9 17	9 49	5 42	12 58	6 42
W23	3 31	18 50	4 25	7 34	0 0	21 38	2 42	11 37	0 2	20 30	0 18	17 32	1 21	2 47	0 39	13 10	1 52	23 57	12 22	9 17	9 50	5 44	12 56	6 42
T 24	3 54	18 11	3 42	8 17	0s 7	21 58	2 46	11 52	0 2	20 28	0 18	17 33	1 21	2 49	0 39	13 10	1 52	23 57	12 22	9 17	9 51	5 46	12 54	6 43
F 25	4 18	16 33	2 45	8 59	0 14	22 17	2 50	12 7	0 1	20 27	0 18	17 33	1 21	2 50	0 39	13 9	1 52	23 57	12 22	9 16	9 52	5 48	12 53	6 43
S 26	4 41	13 55	1 38	9 40	0 21	22 35	2 54	12 22	0 0	20 25	0 19	17 34	1 21	2 52	0 39	13 9	1 52	23 57	12 22	9 16	9 53	5 49	12 51	6 44
S 27	5 4	10 22	0 22	10 21	0 28	22 53	2 57	12 37	0s 0	20 24	0 19	17 34	1 21	2 53	0 39	13 8	1 52	23 57	12 22	9 15	9 54	5 51	12 50	6 45
M28	5 27	6 6	0n58	11 2	0 35	23 11	3 1	12 52	0 1	20 22	0 19	17 34	1 21	2 55	0 39	13 8	1 52	23 57	12 21	9 16	9 56	5 53	12 48	6 45
T 29	5 50	1 21	2 15	11 41	0 41	23 28	3 4	13 6	0 1	20 21	0 19	17 35	1 21	2 56	0 39	13 7	1 52	23 58	12 21	9 16	9 57	5 55	12 47	6 46
W30	6s13	3s34	3n23	12s20	0s48	23s44	3s 8	13s21	0s 2	20n19	0n19	17s35	1s21	2s58	0n39	13n 7	1s52	23s58	12s21	9n18	9n58	5n57	12n45	6s46

Julian Day Number = 2287803.5, Delta T = 176.25 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'03, Lahiri = 17°36'04 Julian Calendar 1 Sept. 1551 == Greg. Calendar 11 Sept. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

OCTOBER 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 14 38	16♎46'06	2♏17	1♏45	3♐22	5♏59	1♌ 0	15°R16	9♎ 1	10°R 6	27°R22	6°R 0	4♍13	25♈ 0	3♌52	T 1
F 2	1 18 35	17°45'42	17°27	3°15	4°25	6°41	1° 7	15♒15	9° 5	10♉ 5	27♒21	5♍54	4°10	25° 6	3°56	F 2
S 3	1 22 31	18°45'20	2♐20	4°45	5°28	7°22	1°14	15°14	9° 9	10° 3	27°20	5°47	4° 7	25°13	4° 0	S 3
S 4	1 26 28	19°45'00	16°50	6°13	6°30	8° 4	1°21	15°13	9°13	10° 1	27°20	5°42	4° 4	25°20	4° 3	S 4
M 5	1 30 24	20°44'42	0♑52	7°42	7°33	8°46	1°28	15°13	9°16	10° 0	27°19	5°38	4° 1	25°26	4° 7	M 5
T 6	1 34 21	21°44'25	14°26	9° 9	8°35	9°28	1°34	15°12	9°20	9°58	27°18	5°37	3°58	25°33	4°10	T 6
W 7	1 38 17	22°44'10	27°34	10°36	9°37	10°10	1°41	15°12	9°24	9°57	27°18	5°D36	3°54	25°40	4°13	W 7
T 8	1 42 14	23°43'57	10♒18	12° 2	10°38	10°52	1°47	15°11	9°27	9°55	27°17	5°37	3°51	25°47	4°16	T 8
F 9	1 46 11	24°43'46	22°44	13°27	11°39	11°34	1°53	15°11	9°31	9°54	27°17	5°39	3°48	25°53	4°20	F 9
S 10	1 50 7	25°43'36	4♓55	14°52	12°40	12°16	1°59	15°11	9°35	9°52	27°16	5°R39	3°45	26° 0	4°23	S 10
S 11	1 54 4	26°43'28	16°56	16°16	13°40	12°59	2° 4	15°D11	9°38	9°50	27°15	5°39	3°42	26° 7	4°25	S 11
M12	1 58 0	27°43'22	28°51	17°39	14°40	13°41	2°10	15°11	9°42	9°49	27°15	5°36	3°38	26°13	4°28	M12
T 13	2 1 57	28°43'17	10♈42	19° 1	15°40	14°23	2°15	15°11	9°46	9°47	27°14	5°30	3°35	26°20	4°31	T 13
W14	2 5 53	29°43'14	22°32	20°22	16°39	15° 6	2°21	15°12	9°49	9°45	27°14	5°23	3°32	26°27	4°34	W14
T 15	2 9 50	0♏43'14	4♉24	21°42	17°38	15°48	2°26	15°12	9°53	9°44	27°14	5°13	3°29	26°33	4°36	T 15
F 16	2 13 46	1°43'15	16°17	23° 1	18°36	16°31	2°30	15°12	9°57	9°42	27°13	5° 2	3°26	26°40	4°39	F 16
S 17	2 17 43	2°43'18	28°15	24°18	19°34	17°13	2°35	15°13	10° 0	9°40	27°13	4°50	3°23	26°47	4°41	S 17
S 18	2 21 40	3°43'23	10♊18	25°35	20°32	17°56	2°40	15°14	10° 4	9°39	27°12	4°39	3°19	26°53	4°43	S 18
M19	2 25 36	4°43'31	22°28	26°50	21°29	18°39	2°44	15°15	10° 7	9°37	27°12	4°30	3°16	27° 0	4°45	M19
T 20	2 29 33	5°43'40	4♋48	28° 3	22°25	19°21	2°48	15°15	10°11	9°35	27°12	4°23	3°13	27° 7	4°47	T 20
W21	2 33 29	6°43'51	17°21	29°14	23°21	20° 4	2°52	15°17	10°14	9°34	27°11	4°19	3°10	27°14	4°49	W21
T 22	2 37 26	7°44'05	0♌10	0♐24	24°17	20°47	2°56	15°18	10°18	9°32	27°11	4°17	3° 7	27°20	4°51	T 22
F 23	2 41 22	8°44'20	13°19	1°31	25°12	21°30	3° 0	15°19	10°21	9°30	27°11	4°D17	3° 4	27°27	4°53	F 23
S 24	2 45 19	9°44'38	26°51	2°36	26° 6	22°13	3° 3	15°20	10°25	9°29	27°11	4°R17	3° 0	27°34	4°55	S 24
S 25	2 49 15	10°44'57	10♍48	3°37	27° 0	22°56	3° 7	15°22	10°28	9°27	27°10	4°17	2°57	27°40	4°56	S 25
M26	2 53 12	11°45'19	25°12	4°36	27°53	23°39	3°10	15°23	10°31	9°25	27°10	4°16	2°54	27°47	4°58	M26
T 27	2 57 8	12°45'42	10♎ 0	5°31	28°46	24°22	3°13	15°25	10°35	9°23	27°10	4°12	2°51	27°54	4°59	T 27
W28	3 1 5	13°46'07	25° 6	6°23	29°37	25° 6	3°16	15°26	10°38	9°22	27°10	4° 5	2°48	28° 0	5° 0	W28
T 29	3 5 2	14°46'34	10♏23	7° 9	0♑29	25°49	3°18	15°28	10°41	9°20	27°10	3°55	2°44	28° 7	5° 1	T 29
F 30	3 8 58	15°47'03	25°37	7°51	1°19	26°32	3°21	15°30	10°45	9°18	27°10	3°45	2°41	28°14	5° 2	F 30
S 31	3 12 55	16♏47'34	10♐40	8♐27	2♑ 9	27♏16	3♌23	15♒32	10♎48	9♉17	27♒10	3♍34	2♍38	28♈21	5♌ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s36	8s15	4n18	12s58	0s55	24s 0	3s11	13s35	0s 3	20n18	0n19	17s35	1s21	2s59	0n39	13n 6	1s52	23s58	12s21	9n20	9n59	5n59	12n44	6s47
F 2	6 59	12 23	4 54	13 36	1 2	24 15	3 14	13 50	0 3	20 16	0 20	17 35	1 21	3 1	0 39	13 6	1 52	23 58	12 21	9 22	10 0	6 1	12 42	6 48
S 3	7 22	15 38	5 9	14 13	1 9	24 30	3 17	14 4	0 4	20 15	0 20	17 36	1 21	3 2	0 39	13 5	1 52	23 58	12 20	9 25	10 1	6 3	12 41	6 48
S 4	7 45	17 48	5 4	14 49	1 15	24 44	3 20	14 18	0 5	20 14	0 20	17 36	1 21	3 4	0 39	13 5	1 52	23 58	12 20	9 27	10 2	6 5	12 39	6 49
M 5	8 7	18 49	4 40	15 24	1 22	24 58	3 23	14 32	0 5	20 12	0 20	17 36	1 21	3 5	0 39	13 4	1 52	23 58	12 20	9 28	10 4	6 7	12 38	6 50
T 6	8 30	18 43	4 1	15 58	1 28	25 11	3 26	14 46	0 6	20 11	0 20	17 36	1 21	3 6	0 39	13 4	1 52	23 58	12 20	9 29	10 5	6 8	12 37	6 50
W 7	8 52	17 34	3 11	16 32	1 35	25 23	3 29	15 0	0 6	20 10	0 20	17 36	1 21	3 8	0 39	13 3	1 52	23 58	12 20	9 29	10 6	6 10	12 35	6 51
T 8	9 14	15 34	2 13	17 5	1 41	25 35	3 32	15 14	0 7	20 9	0 21	17 36	1 21	3 9	0 39	13 3	1 52	23 58	12 19	9 28	10 7	6 12	12 34	6 52
F 9	9 36	12 53	1 9	17 37	1 47	25 46	3 34	15 28	0 8	20 7	0 21	17 36	1 21	3 11	0 39	13 2	1 52	23 58	12 19	9 28	10 8	6 14	12 33	6 52
S 10	9 58	9 40	0 4	18 8	1 52	25 57	3 37	15 41	0 8	20 6	0 21	17 36	1 20	3 12	0 39	13 2	1 52	23 58	12 19	9 28	10 9	6 16	12 31	6 53
S 11	10 20	6 6	1s 0	18 38	1 58	26 7	3 39	15 55	0 9	20 5	0 21	17 36	1 20	3 14	0 39	13 1	1 52	23 58	12 19	9 28	10 11	6 18	12 30	6 54
M12	10 41	2 19	2 1	19 7	2 4	26 17	3 41	16 8	0 10	20 4	0 21	17 36	1 20	3 15	0 39	13 1	1 52	23 58	12 19	9 29	10 12	6 20	12 29	6 54
T 13	11 3	1n32	2 57	19 35	2 9	26 26	3 44	16 21	0 10	20 3	0 21	17 36	1 20	3 17	0 39	13 0	1 52	23 58	12 18	9 31	10 13	6 22	12 27	6 55
W14	11 24	5 19	3 44	20 2	2 14	26 34	3 46	16 34	0 11	20 2	0 22	17 36	1 20	3 18	0 39	13 0	1 52	23 58	12 18	9 34	10 14	6 24	12 26	6 56
T 15	11 45	8 54	4 22	20 27	2 18	26 42	3 47	16 47	0 11	20 1	0 22	17 36	1 20	3 19	0 39	12 59	1 52	23 58	12 18	9 37	10 15	6 26	12 25	6 56
F 16	12 6	12 9	4 48	20 52	2 23	26 49	3 49	17 0	0 12	20 0	0 22	17 35	1 20	3 21	0 39	12 59	1 52	23 58	12 18	9 41	10 16	6 27	12 23	6 57
S 17	12 27	14 54	5 2	21 16	2 27	26 55	3 51	17 13	0 13	19 59	0 22	17 35	1 20	3 22	0 39	12 58	1 52	23 58	12 17	9 46	10 17	6 29	12 22	6 58
S 18	12 47	17 3	5 3	21 38	2 31	27 1	3 52	17 26	0 13	19 58	0 22	17 35	1 20	3 24	0 39	12 58	1 52	23 58	12 17	9 50	10 19	6 31	12 21	6 58
M19	13 8	18 28	4 49	21 59	2 34	27 6	3 54	17 38	0 14	19 58	0 22	17 34	1 20	3 25	0 39	12 57	1 52	23 58	12 17	9 53	10 20	6 33	12 20	6 59
T 20	13 28	19 2	4 23	22 19	2 37	27 11	3 55	17 50	0 14	19 57	0 23	17 34	1 20	3 26	0 39	12 57	1 52	23 57	12 17	9 55	10 21	6 35	12 19	7 0
W21	13 48	18 41	3 43	22 38	2 40	27 15	3 56	18 3	0 15	19 56	0 23	17 34	1 20	3 28	0 39	12 56	1 52	23 57	12 16	9 57	10 22	6 37	12 18	7 1
T 22	14 7	17 22	2 51	22 55	2 42	27 19	3 57	18 15	0 16	19 55	0 23	17 33	1 20	3 29	0 39	12 55	1 52	23 57	12 16	9 58	10 23	6 39	12 16	7 1
F 23	14 27	15 7	1 49	23 11	2 43	27 21	3 57	18 26	0 16	19 55	0 23	17 33	1 20	3 30	0 39	12 55	1 52	23 57	12 16	9 58	10 24	6 41	12 15	7 2
S 24	14 46	11 58	0 40	23 25	2 44	27 24	3 58	18 38	0 17	19 54	0 23	17 32	1 20	3 32	0 39	12 54	1 52	23 57	12 16	9 58	10 26	6 43	12 14	7 3
S 25	15 5	8 4	0n35	23 37	2 45	27 26	3 58	18 50	0 17	19 53	0 24	17 32	1 20	3 33	0 39	12 54	1 52	23 57	12 15	9 58	10 27	6 45	12 13	7 3
M26	15 24	3 34	1 49	23 48	2 44	27 27	3 58	19 1	0 18	19 53	0 24	17 31	1 19	3 34	0 39	12 53	1 52	23 57	12 15	9 58	10 28	6 46	12 12	7 4
T 27	15 42	1s15	2 58	23 57	2 43	27 27	3 58	19 13	0 19	19 52	0 24	17 31	1 19	3 36	0 39	12 53	1 52	23 56	12 15	10 0	10 29	6 48	12 11	7 5
W28	16 1	6 5	3 55	24 4	2 41	27 27	3 58	19 24	0 19	19 52	0 24	17 30	1 19	3 37	0 39	12 52	1 52	23 56	12 15	10 2	10 30	6 50	12 10	7 6
T 29	16 18	10 35	4 37	24 10	2 39	27 27	3 57	19 35	0 20	19 51	0 24	17 30	1 19	3 38	0 39	12 52	1 52	23 56	12 14	10 6	10 31	6 52	12 9	7 6
F 30	16 36	14 22	4 59	24 13	2 35	27 26	3 56	19 45	0 20	19 51	0 25	17 29	1 19	3 40	0 39	12 51	1 52	23 56	12 14	10 9	10 32	6 54	12 8	7 7
S 31	16s54	17s 9	4n59	24s14	2s30	27s24	3s56	19s56	0s21	19n51	0n25	17s28	1s19	3s41	0n39	12n51	1s52	23s56	12s14	10n13	10n34	6n56	12n 7	7s 8

Julian Day Number = 2287833.5, Delta T = 176.07 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'07, Lahiri = 17°36'08 Julian Calendar 1 Oct. 1551 == Greg. Calendar 11 Oct. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

NOVEMBER 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 16 51	17♏48'06	25♐21	8♐57	2♑58	27♏59	3♌25	15♒34	10♎51	9°R15	27°D10	3°R24	2♍35	28♈27	5♌ 4	S 1
M 2	3 20 48	18°48'39	9♑33	9°19	3°46	28°43	3°27	15°37	10°54	9♉13	27♒10	3♍16	2°32	28°34	5° 5	M 2
T 3	3 24 44	19°49'14	23°16	9°34	4°33	29°26	3°28	15°39	10°58	9°12	27°10	3°11	2°29	28°41	5° 5	T 3
W 4	3 28 41	20°49'49	6♒29	9°R40	5°19	0♐10	3°30	15°41	11° 1	9°10	27°10	3° 8	2°25	28°47	5° 6	W 4
T 5	3 32 38	21°50'26	19°16	9°37	6° 5	0°54	3°31	15°44	11° 4	9° 8	27°10	3°D 8	2°22	28°54	5° 6	T 5
F 6	3 36 34	22°51'05	1♓41	9°25	6°49	1°37	3°32	15°47	11° 7	9° 7	27°10	3°R 8	2°19	29° 1	5° 7	F 6
S 7	3 40 31	23°51'44	13°49	9° 1	7°33	2°21	3°33	15°49	11°10	9° 5	27°10	3° 7	2°16	29° 7	5° 7	S 7
S 8	3 44 27	24°52'24	25°47	8°27	8°15	3° 5	3°33	15°52	11°13	9° 4	27°10	3° 6	2°13	29°14	5°R 7	S 8
M 9	3 48 24	25°53'06	7♈38	7°42	8°56	3°49	3°34	15°55	11°16	9° 2	27°10	3° 1	2°10	29°21	5° 7	M 9
T 10	3 52 20	26°53'49	19°27	6°47	9°36	4°33	3°34	15°58	11°19	9° 0	27°11	2°54	2° 6	29°28	5° 7	T 10
W11	3 56 17	27°54'33	1♉17	5°43	10°15	5°17	3°R34	16° 1	11°22	8°59	27°11	2°44	2° 3	29°34	5° 6	W11
T 12	4 0 13	28°55'18	13°11	4°31	10°53	6° 1	3°34	16° 4	11°25	8°57	27°11	2°31	2° 0	29°41	5° 6	T 12
F 13	4 4 10	29°56'04	25°11	3°12	11°29	6°45	3°34	16° 8	11°27	8°56	27°11	2°17	1°57	29°48	5° 6	F 13
S 14	4 8 6	0♐56'52	7♊17	1°51	12° 4	7°29	3°33	16°11	11°30	8°54	27°12	2° 2	1°54	29°54	5° 5	S 14
S 15	4 12 3	1°57'41	19°31	0°28	12°37	8°13	3°32	16°14	11°33	8°53	27°12	1°47	1°50	0♉ 1	5° 4	S 15
M16	4 16 0	2°58'31	1♋54	29♏ 7	13° 9	8°57	3°32	16°18	11°36	8°51	27°12	1°35	1°47	0° 8	5° 4	M16
T 17	4 19 56	3°59'22	14°25	27°51	13°40	9°42	3°30	16°22	11°38	8°49	27°13	1°26	1°44	0°14	5° 3	T 17
W18	4 23 53	5° 0'15	27° 7	26°43	14° 9	10°26	3°29	16°25	11°41	8°48	27°13	1°19	1°41	0°21	5° 2	W18
T 19	4 27 49	6° 1'09	10♌ 2	25°43	14°36	11°11	3°28	16°29	11°44	8°47	27°14	1°16	1°38	0°28	5° 1	T 19
F 20	4 31 46	7° 2'04	23°11	24°53	15° 2	11°55	3°26	16°33	11°46	8°45	27°14	1°14	1°35	0°35	5° 0	F 20
S 21	4 35 42	8° 3'01	6♍38	24°14	15°26	12°40	3°24	16°37	11°49	8°44	27°15	1°14	1°31	0°41	4°58	S 21
S 22	4 39 39	9° 3'59	20°25	23°47	15°48	13°24	3°22	16°41	11°51	8°42	27°15	1°14	1°28	0°48	4°57	S 22
M23	4 43 36	10° 4'58	4♎33	23°31	16° 8	14° 9	3°20	16°45	11°54	8°41	27°16	1°12	1°25	0°55	4°55	M23
T 24	4 47 32	11° 5'58	19° 1	23°D26	16°26	14°54	3°17	16°49	11°56	8°39	27°16	1° 8	1°22	1° 1	4°54	T 24
W25	4 51 29	12° 7'00	3♏47	23°31	16°42	15°38	3°14	16°54	11°58	8°38	27°17	1° 1	1°19	1° 8	4°52	W25
T 26	4 55 25	13° 8'02	18°45	23°46	16°56	16°23	3°11	16°58	12° 1	8°37	27°17	0°51	1°16	1°15	4°50	T 26
F 27	4 59 22	14° 9'06	3♐45	24°10	17° 8	17° 8	3° 8	17° 2	12° 3	8°35	27°18	0°40	1°12	1°21	4°48	F 27
S 28	5 3 18	15°10'10	18°39	24°41	17°18	17°53	3° 5	17° 7	12° 5	8°34	27°19	0°28	1° 9	1°28	4°46	S 28
S 29	5 7 15	16°11'15	3♑16	25°19	17°26	18°38	3° 2	17°12	12° 7	8°33	27°19	0°18	1° 6	1°35	4°44	S 29
M30	5 11 11	17♐12'21	17♑30	26♏ 4	17♑31	19♐23	2♌58	17♒16	12♎ 9	8♉32	27♒20	0♍ 9	1♍ 3	1♉42	4♌42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s11	18s45	4n40	24s13	2s24	27s22	3s54	20s 6	0s22	19n50	0n25	17s28	1s19	3s42	0n39	12n50	1s52	23s55	12s14	10n17	10n35	6n58	12n 6	7s 9
M 2	17 28	19 6	4 4	24 10	2 17	27 19	3 53	20 17	0 22	19 50	0 25	17 27	1 19	3 43	0 39	12 50	1 52	23 55	12 13	10 20	10 36	7 0	12 6	7 9
T 3	17 44	18 17	3 15	24 4	2 9	27 16	3 51	20 27	0 23	19 50	0 25	17 26	1 19	3 45	0 39	12 49	1 52	23 55	12 13	10 22	10 37	7 2	12 5	7 10
W 4	18 0	16 30	2 16	23 55	1 59	27 13	3 50	20 37	0 23	19 50	0 25	17 25	1 19	3 46	0 39	12 49	1 52	23 55	12 13	10 23	10 38	7 4	12 4	7 11
T 5	18 16	13 56	1 13	23 43	1 48	27 9	3 48	20 46	0 24	19 50	0 26	17 25	1 19	3 47	0 39	12 48	1 52	23 54	12 13	10 23	10 39	7 5	12 3	7 11
F 6	18 32	10 47	0 8	23 28	1 35	27 4	3 45	20 56	0 25	19 50	0 26	17 24	1 19	3 48	0 39	12 48	1 52	23 54	12 12	10 23	10 40	7 7	12 2	7 12
S 7	18 47	7 15	0s56	23 10	1 20	26 59	3 43	21 5	0 25	19 50	0 26	17 23	1 19	3 49	0 39	12 47	1 52	23 54	12 12	10 23	10 42	7 9	12 2	7 13
S 8	19 2	3 28	1 57	22 49	1 4	26 53	3 40	21 15	0 26	19 50	0 26	17 22	1 19	3 50	0 40	12 47	1 52	23 53	12 12	10 24	10 43	7 11	12 1	7 14
M 9	19 16	0n24	2 52	22 25	0 47	26 48	3 36	21 24	0 26	19 50	0 26	17 21	1 19	3 52	0 40	12 46	1 52	23 53	12 11	10 25	10 44	7 13	12 0	7 14
T 10	19 31	4 15	3 39	21 57	0 28	26 41	3 33	21 32	0 27	19 50	0 27	17 20	1 18	3 53	0 40	12 46	1 52	23 53	12 11	10 28	10 45	7 15	12 0	7 15
W11	19 44	7 56	4 16	21 27	0 8	26 34	3 29	21 41	0 27	19 50	0 27	17 19	1 18	3 54	0 40	12 45	1 52	23 52	12 11	10 32	10 46	7 17	11 59	7 16
T 12	19 58	11 20	4 43	20 54	0n12	26 27	3 25	21 49	0 28	19 50	0 27	17 18	1 18	3 55	0 40	12 45	1 52	23 52	12 11	10 36	10 47	7 19	11 58	7 16
F 13	20 11	14 18	4 57	20 19	0 33	26 20	3 21	21 57	0 29	19 51	0 27	17 17	1 18	3 56	0 40	12 44	1 52	23 52	12 10	10 41	10 48	7 21	11 58	7 17
S 14	20 24	16 41	4 58	19 43	0 53	26 12	3 16	22 5	0 29	19 51	0 27	17 16	1 18	3 57	0 40	12 44	1 52	23 51	12 10	10 47	10 50	7 22	11 57	7 18
S 15	20 36	18 20	4 45	19 7	1 12	26 4	3 11	22 13	0 30	19 51	0 28	17 15	1 18	3 58	0 40	12 43	1 52	23 51	12 10	10 52	10 51	7 24	11 57	7 18
M16	20 48	19 10	4 19	18 32	1 31	25 55	3 5	22 21	0 30	19 52	0 28	17 14	1 18	3 59	0 40	12 43	1 52	23 51	12 10	10 56	10 52	7 26	11 56	7 19
T 17	21 0	19 4	3 40	17 59	1 47	25 46	3 0	22 28	0 31	19 52	0 28	17 13	1 18	4 0	0 40	12 42	1 52	23 50	12 9	11 0	10 53	7 28	11 56	7 20
W18	21 11	18 1	2 50	17 29	2 2	25 37	2 53	22 35	0 31	19 53	0 28	17 11	1 18	4 1	0 40	12 42	1 52	23 50	12 9	11 2	10 54	7 30	11 55	7 21
T 19	21 22	16 1	1 50	17 3	2 14	25 27	2 47	22 42	0 32	19 53	0 28	17 10	1 18	4 2	0 40	12 42	1 52	23 50	12 9	11 3	10 55	7 32	11 55	7 21
F 20	21 32	13 9	0 42	16 41	2 25	25 18	2 40	22 48	0 32	19 54	0 29	17 9	1 18	4 3	0 40	12 41	1 52	23 49	12 9	11 4	10 56	7 34	11 55	7 22
S 21	21 42	9 32	0n29	16 24	2 33	25 8	2 33	22 55	0 33	19 55	0 29	17 8	1 18	4 4	0 40	12 41	1 52	23 49	12 8	11 4	10 57	7 36	11 54	7 23
S 22	21 52	5 20	1 40	16 12	2 39	24 57	2 25	23 1	0 34	19 55	0 29	17 7	1 18	4 5	0 40	12 40	1 52	23 48	12 8	11 4	10 59	7 38	11 54	7 23
M23	22 1	0 44	2 46	16 4	2 43	24 47	2 17	23 7	0 34	19 56	0 29	17 5	1 18	4 6	0 40	12 40	1 52	23 48	12 8	11 4	11 0	7 39	11 54	7 24
T 24	22 10	4s 1	3 44	16 1	2 45	24 36	2 8	23 13	0 35	19 57	0 29	17 4	1 18	4 7	0 40	12 39	1 52	23 47	12 8	11 6	11 1	7 41	11 53	7 24
W25	22 18	8 36	4 28	16 2	2 45	24 25	1 59	23 18	0 35	19 58	0 30	17 3	1 18	4 8	0 40	12 39	1 52	23 47	12 7	11 8	11 2	7 43	11 53	7 25
T 26	22 26	12 43	4 54	16 6	2 45	24 14	1 50	23 23	0 36	19 58	0 30	17 1	1 18	4 9	0 40	12 39	1 52	23 47	12 7	11 12	11 3	7 45	11 53	7 26
F 27	22 33	16 2	5 0	16 14	2 42	24 3	1 40	23 28	0 36	19 59	0 30	17 0	1 18	4 10	0 40	12 38	1 52	23 46	12 7	11 16	11 4	7 47	11 53	7 26
S 28	22 40	18 15	4 46	16 25	2 39	23 51	1 30	23 33	0 37	20 0	0 30	16 58	1 17	4 10	0 40	12 38	1 52	23 46	12 7	11 20	11 5	7 49	11 53	7 27
S 29	22 47	19 14	4 13	16 38	2 35	23 40	1 19	23 38	0 37	20 1	0 31	16 57	1 17	4 11	0 40	12 38	1 51	23 45	12 6	11 24	11 7	7 51	11 52	7 28
M30	22s53	18s58	3n25	16s53	2n30	23s28	1s 8	23s42	0s38	20n 2	0n31	16s55	1s17	4s12	0n40	12n37	1s51	23s45	12s 6	11n27	11n 8	7n53	11n52	7s28

Julian Day Number = 2287864.5, Delta T = 175.89 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'12, Lahiri = 17°36'12 Julian Calendar 1 Nov. 1551 == Greg. Calendar 11 Nov. 1551

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ASTRODIENST EPHEMERIS for the year 1551
geocentric

DECEMBER 1551 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 15 8	18♐13'28	1♒17	26♏54	17♑33	20♐ 8	2°R54	17♒21	12♎11	8°R30	27♒21	0°R 3	1♍ 0	1♉48	4°R40	T 1
W 2	5 19 5	19°14'34	14°36	27°49	17°R34	20°53	2♌50	17°26	12°13	8♉29	27°22	29♌59	0°56	1°55	4♌38	W 2
T 3	5 23 1	20°15'41	27°28	28°48	17°32	21°38	2°46	17°31	12°15	8°28	27°22	29°D59	0°53	2° 2	4°35	T 3
F 4	5 26 58	21°16'48	9♓57	29°51	17°27	22°23	2°42	17°36	12°17	8°27	27°23	29°59	0°50	2° 8	4°33	F 4
S 5	5 30 54	22°17'56	22° 9	0♐57	17°20	23° 8	2°37	17°41	12°19	8°26	27°24	29°R59	0°47	2°15	4°30	S 5
S 6	5 34 51	23°19'04	4♈ 8	2° 7	17°10	23°54	2°32	17°46	12°21	8°25	27°25	29°59	0°44	2°22	4°27	S 6
M 7	5 38 47	24°20'11	15°59	3°18	16°58	24°39	2°27	17°51	12°23	8°24	27°26	29°56	0°41	2°29	4°25	M 7
T 8	5 42 44	25°21'20	27°49	4°32	16°44	25°24	2°22	17°57	12°25	8°23	27°27	29°51	0°37	2°35	4°22	T 8
W 9	5 46 40	26°22'28	9♉41	5°48	16°26	26°10	2°17	18° 2	12°26	8°22	27°28	29°43	0°34	2°42	4°19	W 9
T 10	5 50 37	27°23'36	21°38	7° 6	16° 7	26°55	2°12	18° 7	12°28	8°21	27°29	29°33	0°31	2°49	4°16	T 10
F 11	5 54 34	28°24'45	3♊45	8°25	15°45	27°41	2° 6	18°13	12°29	8°20	27°30	29°22	0°28	2°55	4°12	F 11
S 12	5 58 30	29°25'53	16° 1	9°45	15°21	28°26	2° 1	18°18	12°31	8°19	27°31	29°10	0°25	3° 2	4° 9	S 12
S 13	6 2 27	0♋27'02	28°29	11° 7	14°55	29°12	1°55	18°24	12°32	8°18	27°32	28°59	0°21	3° 9	4° 6	S 13
M14	6 6 23	1°28'11	11♋ 8	12°30	14°27	29°57	1°49	18°30	12°34	8°17	27°33	28°49	0°18	3°15	4° 3	M14
T 15	6 10 20	2°29'21	23°58	13°53	13°57	0♋43	1°43	18°35	12°35	8°16	27°34	28°41	0°15	3°22	3°59	T 15
W16	6 14 16	3°30'30	7♌ 0	15°18	13°25	1°29	1°37	18°41	12°36	8°15	27°35	28°36	0°12	3°29	3°56	W16
T 17	6 18 13	4°31'40	20°12	16°43	12°52	2°14	1°30	18°47	12°38	8°14	27°36	28°34	0° 9	3°36	3°52	T 17
F 18	6 22 9	5°32'50	3♍35	18° 9	12°18	3° 0	1°24	18°53	12°39	8°14	27°37	28°D34	0° 6	3°42	3°49	F 18
S 19	6 26 6	6°34'00	17°10	19°36	11°43	3°46	1°17	18°59	12°40	8°13	27°38	28°35	0° 2	3°49	3°45	S 19
S 20	6 30 3	7°35'10	0♎58	21° 4	11° 7	4°32	1°10	19° 5	12°41	8°12	27°39	28°R36	29♌59	3°56	3°41	S 20
M21	6 33 59	8°36'20	14°58	22°32	10°30	5°18	1° 3	19°11	12°42	8°12	27°40	28°36	29°56	4° 2	3°37	M21
T 22	6 37 56	9°37'31	29°11	24° 0	9°54	6° 4	0°56	19°17	12°43	8°11	27°42	28°34	29°53	4° 9	3°33	T 22
W23	6 41 52	10°38'42	13♏35	25°30	9°17	6°50	0°49	19°23	12°44	8°10	27°43	28°30	29°50	4°16	3°29	W23
T 24	6 45 49	11°39'53	28° 6	26°59	8°41	7°36	0°42	19°29	12°45	8°10	27°44	28°24	29°47	4°23	3°25	T 24
F 25	6 49 45	12°41'04	12♐38	28°29	8° 5	8°22	0°35	19°36	12°46	8° 9	27°45	28°17	29°43	4°29	3°21	F 25
S 26	6 53 42	13°42'15	27° 6	0♑ 0	7°30	9° 8	0°28	19°42	12°47	8° 9	27°46	28° 9	29°40	4°36	3°17	S 26
S 27	6 57 38	14°43'26	11♑23	1°31	6°55	9°54	0°20	19°48	12°47	8° 8	27°48	28° 2	29°37	4°43	3°13	S 27
M28	7 1 35	15°44'36	25°23	3° 3	6°22	10°40	0°13	19°55	12°48	8° 8	27°49	27°56	29°34	4°49	3° 9	M28
T 29	7 5 32	16°45'46	9♒ 3	4°35	5°51	11°27	0° 5	20° 1	12°48	8° 7	27°50	27°53	29°31	4°56	3° 5	T 29
W30	7 9 28	17°46'55	22°19	6° 8	5°21	12°13	29♋57	20° 8	12°49	8° 7	27°52	27°D51	29°28	5° 3	3° 0	W30
T 31	7 13 25	18♑48'04	5♓12	7♑41	4♑53	12♑59	29♋50	20♒14	12♎49	8♉ 7	27♒53	27♌51	29♌24	5♉10	2♌56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s58	17s33	2n26	17s10	2n25	23s16	0s56	23s46	0s38	20n 3	0n31	16s54	1s17	4s13	0n40	12n37	1s51	23s44	12s 6	11n29	11n 9	7n55	11n52	7s29
W 2	23 3	15 12	1 21	17 28	2 19	23 4	0 44	23 50	0 39	20 5	0 31	16 52	1 17	4 14	0 40	12 36	1 51	23 44	12 6	11 30	11 10	7 56	11 52	7 29
T 3	23 8	12 10	0 13	17 48	2 12	22 52	0 31	23 53	0 39	20 6	0 31	16 51	1 17	4 14	0 40	12 36	1 51	23 43	12 5	11 30	11 11	7 58	11 52	7 30
F 4	23 12	8 40	0s53	18 8	2 5	22 40	0 19	23 56	0 40	20 7	0 31	16 49	1 17	4 15	0 40	12 36	1 51	23 43	12 5	11 30	11 12	8 0	11 52	7 31
S 5	23 16	4 53	1 55	18 29	1 58	22 27	0 5	23 59	0 40	20 8	0 32	16 48	1 17	4 16	0 40	12 36	1 51	23 42	12 5	11 30	11 13	8 2	11 52	7 31
S 6	23 20	0 58	2 51	18 50	1 50	22 15	0n 9	24 2	0 41	20 9	0 32	16 46	1 17	4 16	0 40	12 35	1 51	23 42	12 5	11 30	11 14	8 4	11 52	7 32
M 7	23 22	2n56	3 39	19 11	1 43	22 2	0 23	24 5	0 41	20 11	0 32	16 44	1 17	4 17	0 40	12 35	1 51	23 41	12 4	11 31	11 16	8 6	11 53	7 32
T 8	23 25	6 42	4 18	19 33	1 35	21 50	0 37	24 7	0 42	20 12	0 32	16 43	1 17	4 18	0 40	12 35	1 51	23 41	12 4	11 33	11 17	8 8	11 53	7 33
W 9	23 27	10 14	4 45	19 54	1 27	21 37	0 52	24 9	0 42	20 13	0 32	16 41	1 17	4 18	0 40	12 34	1 51	23 40	12 4	11 36	11 18	8 10	11 53	7 33
T 10	23 28	13 23	5 0	20 15	1 19	21 25	1 7	24 11	0 43	20 15	0 33	16 39	1 17	4 19	0 40	12 34	1 51	23 39	12 4	11 39	11 19	8 11	11 53	7 34
F 11	23 29	16 0	5 2	20 36	1 11	21 12	1 22	24 12	0 43	20 16	0 33	16 38	1 17	4 20	0 40	12 34	1 51	23 39	12 4	11 43	11 20	8 13	11 53	7 34
S 12	23 30	17 57	4 51	20 56	1 3	21 0	1 38	24 13	0 44	20 18	0 33	16 36	1 17	4 20	0 40	12 34	1 51	23 38	12 3	11 47	11 21	8 15	11 54	7 35
S 13	23 30	19 5	4 25	21 16	0 55	20 47	1 53	24 14	0 44	20 19	0 33	16 34	1 17	4 21	0 40	12 33	1 51	23 38	12 3	11 51	11 22	8 17	11 54	7 35
M14	23 29	19 17	3 45	21 35	0 47	20 34	2 9	24 15	0 45	20 21	0 33	16 32	1 17	4 21	0 40	12 33	1 51	23 37	12 3	11 55	11 23	8 19	11 54	7 36
T 15	23 28	18 30	2 54	21 53	0 39	20 22	2 25	24 15	0 45	20 22	0 34	16 30	1 17	4 22	0 41	12 33	1 51	23 37	12 3	11 58	11 25	8 21	11 55	7 36
W16	23 27	16 45	1 53	22 10	0 31	20 10	2 40	24 15	0 46	20 24	0 34	16 29	1 17	4 22	0 41	12 33	1 51	23 36	12 3	11 59	11 26	8 23	11 55	7 36
T 17	23 25	14 5	0 45	22 27	0 23	19 57	2 56	24 15	0 46	20 25	0 34	16 27	1 17	4 23	0 41	12 32	1 51	23 36	12 2	12 0	11 27	8 25	11 55	7 37
F 18	23 23	10 38	0n27	22 43	0 15	19 45	3 11	24 14	0 47	20 27	0 34	16 25	1 17	4 23	0 41	12 32	1 51	23 35	12 2	12 0	11 28	8 26	11 56	7 37
S 19	23 20	6 35	1 38	22 58	0 8	19 33	3 26	24 14	0 47	20 29	0 34	16 23	1 17	4 23	0 41	12 32	1 50	23 34	12 2	12 0	11 29	8 28	11 56	7 38
S 20	23 17	2 8	2 45	23 12	0 0	19 21	3 41	24 13	0 48	20 30	0 35	16 21	1 17	4 24	0 41	12 32	1 50	23 34	12 2	11 59	11 30	8 30	11 57	7 38
M21	23 13	2s29	3 43	23 24	0s 7	19 10	3 56	24 12	0 48	20 32	0 35	16 19	1 17	4 24	0 41	12 32	1 50	23 33	12 2	11 59	11 31	8 32	11 57	7 38
T 22	23 9	7 1	4 29	23 36	0 15	18 59	4 10	24 10	0 49	20 34	0 35	16 17	1 17	4 25	0 41	12 32	1 50	23 33	12 1	12 0	11 32	8 34	11 58	7 39
W23	23 4	11 13	4 57	23 47	0 22	18 48	4 23	24 8	0 49	20 35	0 35	16 15	1 17	4 25	0 41	12 31	1 50	23 32	12 1	12 1	11 34	8 36	11 58	7 39
T 24	22 59	14 47	5 8	23 56	0 29	18 37	4 36	24 6	0 50	20 37	0 35	16 13	1 17	4 25	0 41	12 31	1 50	23 31	12 1	12 3	11 35	8 38	11 59	7 39
F 25	22 53	17 26	4 58	24 5	0 35	18 27	4 48	24 4	0 50	20 39	0 35	16 11	1 17	4 26	0 41	12 31	1 50	23 31	12 1	12 6	11 36	8 40	11 59	7 40
S 26	22 47	18 58	4 30	24 12	0 42	18 17	5 0	24 1	0 50	20 41	0 36	16 9	1 17	4 26	0 41	12 31	1 50	23 30	12 1	12 9	11 37	8 41	12 0	7 40
S 27	22 41	19 16	3 45	24 18	0 48	18 8	5 11	23 58	0 51	20 42	0 36	16 7	1 17	4 26	0 41	12 31	1 50	23 30	12 1	12 11	11 38	8 43	12 1	7 40
M28	22 34	18 23	2 47	24 22	0 55	17 59	5 22	23 55	0 51	20 44	0 36	16 5	1 17	4 26	0 41	12 31	1 50	23 29	12 0	12 13	11 39	8 45	12 1	7 41
T 29	22 26	16 26	1 40	24 25	1 1	17 51	5 31	23 52	0 52	20 46	0 36	16 3	1 17	4 26	0 41	12 31	1 50	23 28	12 0	12 14	11 40	8 47	12 2	7 41
W30	22 19	13 38	0 30	24 27	1 6	17 43	5 40	23 48	0 52	20 48	0 36	16 1	1 17	4 27	0 41	12 31	1 50	23 28	12 0	12 15	11 41	8 49	12 3	7 41
T 31	22s10	10s15	0s40	24s28	1s12	17s36	5n48	23s44	0s53	20n50	0n36	15s59	1s17	4s27	0n41	12n31	1s50	23s27	12s 0	12n15	11n42	8n51	12n 4	7s41

Julian Day Number = 2287894.5, Delta T = 175.71 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'16, Lahiri = 17°36'16 Julian Calendar 1 Dec. 1551 == Greg. Calendar 11 Dec. 1551

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1552
geocentric

JANUARY 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 17 21	19♑49'12	17♓44	9♑15	4°R27	13♑45	29°R42	20♒21	12♎50	8°R 6	27♒54	27♌52	29♌21	5♉16	2°R52	F 1
S 2	7 21 18	20°50'19	29°59	10°49	4♑ 2	14°32	29♋34	20°27	12°50	8♉ 6	27°56	27°54	29°18	5°23	2♌47	S 2
S 3	7 25 14	21°51'25	12♈ 1	12°23	3°40	15°18	29°26	20°34	12°51	8° 6	27°57	27°56	29°15	5°30	2°43	S 3
M 4	7 29 11	22°52'31	23°55	13°59	3°21	16° 5	29°18	20°41	12°51	8° 6	27°59	27°R56	29°12	5°36	2°39	M 4
T 5	7 33 7	23°53'35	5♉46	15°34	3° 3	16°51	29°10	20°47	12°51	8° 6	28° 0	27°55	29° 8	5°43	2°34	T 5
W 6	7 37 4	24°54'39	17°40	17°11	2°48	17°37	29° 2	20°54	12°51	8° 5	28° 1	27°53	29° 5	5°50	2°30	W 6
T 7	7 41 1	25°55'41	29°39	18°47	2°36	18°24	28°54	21° 1	12°51	8° 5	28° 3	27°49	29° 2	5°57	2°25	T 7
F 8	7 44 57	26°56'43	11♊49	20°25	2°26	19°10	28°46	21° 8	12°R51	8° 5	28° 4	27°44	28°59	6° 3	2°21	F 8
S 9	7 48 54	27°57'44	24°13	22° 3	2°18	19°57	28°38	21°15	12°51	8°D 5	28° 6	27°39	28°56	6°10	2°16	S 9
S 10	7 52 50	28°58'43	6♋51	23°42	2°13	20°44	28°30	21°22	12°51	8° 5	28° 7	27°34	28°53	6°17	2°11	S 10
M11	7 56 47	29°59'42	19°46	25°21	2°11	21°30	28°22	21°29	12°51	8° 5	28° 9	27°29	28°49	6°23	2° 7	M11
T 12	8 0 43	1♒ 0'40	2♌57	27° 1	2°D11	22°17	28°14	21°35	12°51	8° 5	28°10	27°26	28°46	6°30	2° 2	T 12
W13	8 4 40	2° 1'37	16°22	28°42	2°13	23° 4	28° 6	21°42	12°50	8° 6	28°12	27°24	28°43	6°37	1°58	W13
T 14	8 8 36	3° 2'32	0♍ 0	0♒23	2°18	23°50	27°58	21°49	12°50	8° 6	28°13	27°D24	28°40	6°44	1°53	T 14
F 15	8 12 33	4° 3'27	13°49	2° 5	2°25	24°37	27°50	21°56	12°50	8° 6	28°15	27°24	28°37	6°50	1°49	F 15
S 16	8 16 30	5° 4'21	27°46	3°48	2°34	25°24	27°42	22° 4	12°49	8° 6	28°16	27°26	28°33	6°57	1°44	S 16
S 17	8 20 26	6° 5'15	11♎50	5°31	2°46	26°10	27°34	22°11	12°49	8° 6	28°18	27°27	28°30	7° 4	1°39	S 17
M18	8 24 23	7° 6'07	25°58	7°15	2°59	26°57	27°26	22°18	12°48	8° 7	28°20	27°28	28°27	7°10	1°35	M18
T 19	8 28 19	8° 6'59	10♏ 8	9° 0	3°15	27°44	27°19	22°25	12°48	8° 7	28°21	27°R29	28°24	7°17	1°30	T 19
W20	8 32 16	9° 7'50	24°19	10°45	3°33	28°31	27°11	22°32	12°47	8° 7	28°23	27°28	28°21	7°24	1°26	W20
T 21	8 36 12	10° 8'40	8♐29	12°31	3°53	29°18	27° 3	22°39	12°46	8° 8	28°24	27°27	28°18	7°31	1°21	T 21
F 22	8 40 9	11° 9'29	22°34	14°18	4°15	0♒ 5	26°56	22°46	12°46	8° 8	28°26	27°25	28°14	7°37	1°17	F 22
S 23	8 44 5	12°10'17	6♑32	16° 6	4°38	0°52	26°48	22°53	12°45	8° 9	28°28	27°22	28°11	7°44	1°12	S 23
S 24	8 48 2	13°11'04	20°19	17°54	5° 4	1°39	26°41	23° 1	12°44	8° 9	28°29	27°20	28° 8	7°51	1° 8	S 24
M25	8 51 59	14°11'50	3♒53	19°42	5°31	2°26	26°33	23° 8	12°43	8°10	28°31	27°19	28° 5	7°57	1° 3	M25
T 26	8 55 55	15°12'34	17°12	21°31	5°59	3°12	26°26	23°15	12°42	8°10	28°32	27°18	28° 2	8° 4	0°59	T 26
W27	8 59 52	16°13'17	0♓15	23°21	6°30	3°59	26°19	23°22	12°41	8°11	28°34	27°D18	27°59	8°11	0°55	W27
T 28	9 3 48	17°13'58	13° 0	25°10	7° 1	4°46	26°12	23°30	12°40	8°11	28°36	27°18	27°55	8°18	0°50	T 28
F 29	9 7 45	18°14'38	25°29	27° 0	7°35	5°33	26° 5	23°37	12°39	8°12	28°37	27°19	27°52	8°24	0°46	F 29
S 30	9 11 41	19°15'17	7♈43	28°50	8° 9	6°21	25°58	23°44	12°38	8°13	28°39	27°20	27°49	8°31	0°42	S 30
S 31	9 15 38	20♒15'53	19♈46	0♓39	8♑45	7♒ 8	25♋51	23♒51	12♎37	8♉14	28♒41	27♌21	27♌46	8♉38	0♌38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s 2	6s29	1s46	24s27	1s17	17s30	5n56	23s40	0s53	20n51	0n37	15s57	1s17	4s27	0n41	12n31	1s50	23s26	12s 0	12n14	11n44	8n53	12n 4	7s41
S 2	21 53	2 33	2 46	24 25	1 22	17 24	6 2	23 35	0 53	20 53	0 37	15 55	1 17	4 27	0 41	12 31	1 50	23 26	12 0	12 14	11 45	8 54	12 5	7 42
S 3	21 43	1n25	3 38	24 22	1 27	17 18	6 8	23 30	0 54	20 55	0 37	15 53	1 17	4 27	0 41	12 31	1 50	23 25	12 0	12 13	11 46	8 56	12 6	7 42
M 4	21 33	5 17	4 19	24 17	1 32	17 14	6 13	23 25	0 54	20 57	0 37	15 51	1 17	4 27	0 41	12 31	1 50	23 25	11 59	12 13	11 47	8 58	12 7	7 42
T 5	21 23	8 56	4 49	24 11	1 36	17 10	6 18	23 20	0 55	20 59	0 37	15 48	1 17	4 27	0 41	12 31	1 49	23 24	11 59	12 13	11 48	9 0	12 8	7 42
W 6	21 12	12 13	5 7	24 3	1 40	17 6	6 22	23 14	0 55	21 0	0 37	15 46	1 17	4 27	0 41	12 31	1 49	23 23	11 59	12 14	11 49	9 2	12 8	7 42
T 7	21 1	15 3	5 12	23 54	1 44	17 3	6 25	23 9	0 55	21 2	0 37	15 44	1 17	4 27	0 41	12 31	1 49	23 23	11 59	12 16	11 50	9 4	12 9	7 42
F 8	20 49	17 15	5 3	23 43	1 48	17 1	6 27	23 2	0 56	21 4	0 37	15 42	1 17	4 27	0 41	12 31	1 49	23 22	11 59	12 17	11 51	9 6	12 10	7 42
S 9	20 37	18 43	4 39	23 31	1 51	16 59	6 29	22 56	0 56	21 6	0 38	15 40	1 17	4 27	0 41	12 31	1 49	23 21	11 59	12 19	11 52	9 7	12 11	7 42
S 10	20 25	19 17	4 2	23 17	1 54	16 58	6 31	22 49	0 57	21 8	0 38	15 38	1 17	4 27	0 41	12 31	1 49	23 21	11 59	12 21	11 54	9 9	12 12	7 42
M11	20 12	18 52	3 12	23 2	1 56	16 57	6 31	22 43	0 57	21 9	0 38	15 35	1 17	4 27	0 41	12 31	1 49	23 20	11 59	12 22	11 55	9 11	12 13	7 42
T 12	19 59	17 26	2 10	22 45	1 59	16 57	6 31	22 35	0 57	21 11	0 38	15 33	1 17	4 27	0 41	12 31	1 49	23 20	11 58	12 24	11 56	9 13	12 14	7 42
W13	19 45	15 1	1 0	22 26	2 1	16 58	6 31	22 28	0 58	21 13	0 38	15 31	1 17	4 27	0 41	12 31	1 49	23 19	11 58	12 24	11 57	9 15	12 15	7 42
T 14	19 31	11 43	0n14	22 6	2 2	16 58	6 30	22 20	0 58	21 14	0 38	15 29	1 17	4 27	0 42	12 31	1 49	23 18	11 58	12 24	11 58	9 17	12 16	7 42
F 15	19 17	7 45	1 29	21 45	2 3	16 59	6 29	22 12	0 58	21 16	0 38	15 26	1 17	4 26	0 42	12 31	1 49	23 18	11 58	12 24	11 59	9 19	12 17	7 42
S 16	19 3	3 20	2 40	21 21	2 4	17 1	6 27	22 4	0 59	21 18	0 38	15 24	1 17	4 26	0 42	12 32	1 49	23 17	11 58	12 24	12 0	9 20	12 18	7 42
S 17	18 48	1s18	3 41	20 57	2 4	17 3	6 25	21 56	0 59	21 20	0 39	15 22	1 17	4 26	0 42	12 32	1 49	23 16	11 58	12 23	12 1	9 22	12 19	7 42
M18	18 32	5 52	4 29	20 30	2 4	17 5	6 23	21 47	0 59	21 21	0 39	15 19	1 17	4 26	0 42	12 32	1 49	23 16	11 58	12 23	12 2	9 24	12 20	7 42
T 19	18 17	10 7	5 1	20 2	2 4	17 7	6 20	21 38	1 0	21 23	0 39	15 17	1 17	4 26	0 42	12 32	1 49	23 15	11 58	12 23	12 3	9 26	12 21	7 42
W20	18 1	13 48	5 15	19 33	2 3	17 10	6 17	21 29	1 0	21 24	0 39	15 15	1 17	4 25	0 42	12 32	1 49	23 14	11 58	12 23	12 5	9 28	12 22	7 42
T 21	17 45	16 40	5 10	19 1	2 1	17 13	6 14	21 20	1 0	21 26	0 39	15 13	1 17	4 25	0 42	12 32	1 48	23 14	11 58	12 23	12 6	9 30	12 23	7 42
F 22	17 28	18 32	4 46	18 29	1 59	17 16	6 10	21 10	1 1	21 28	0 39	15 10	1 17	4 25	0 42	12 33	1 48	23 13	11 58	12 24	12 7	9 32	12 25	7 42
S 23	17 11	19 15	4 5	17 54	1 57	17 19	6 6	21 0	1 1	21 29	0 39	15 8	1 17	4 24	0 42	12 33	1 48	23 13	11 58	12 25	12 8	9 33	12 26	7 41
S 24	16 54	18 49	3 11	17 18	1 54	17 22	6 2	20 50	1 1	21 31	0 39	15 6	1 17	4 24	0 42	12 33	1 48	23 12	11 58	12 25	12 9	9 35	12 27	7 41
M25	16 36	17 17	2 6	16 41	1 50	17 25	5 58	20 40	1 1	21 32	0 39	15 3	1 17	4 24	0 42	12 33	1 48	23 11	11 58	12 26	12 10	9 37	12 28	7 41
T 26	16 19	14 50	0 56	16 2	1 46	17 29	5 53	20 29	1 2	21 34	0 39	15 1	1 17	4 23	0 42	12 33	1 48	23 11	11 58	12 26	12 11	9 39	12 29	7 41
W27	16 1	11 40	0s16	15 21	1 41	17 32	5 48	20 18	1 2	21 35	0 39	14 59	1 17	4 23	0 42	12 34	1 48	23 10	11 58	12 26	12 12	9 41	12 30	7 41
T 28	15 42	8 1	1 26	14 40	1 36	17 36	5 43	20 7	1 2	21 36	0 40	14 56	1 17	4 22	0 42	12 34	1 48	23 10	11 58	12 26	12 13	9 43	12 31	7 40
F 29	15 24	4 6	2 30	13 57	1 30	17 39	5 38	19 56	1 3	21 38	0 40	14 54	1 17	4 22	0 42	12 34	1 48	23 9	11 58	12 26	12 14	9 44	12 33	7 40
S 30	15 5	0 5	3 26	13 12	1 23	17 42	5 33	19 45	1 3	21 39	0 40	14 51	1 17	4 21	0 42	12 35	1 48	23 8	11 58	12 26	12 16	9 46	12 34	7 40
S 31	14s46	3n52	4s12	12s27	1s15	17s45	5n28	19s33	1s 3	21n41	0n40	14s49	1s17	4s21	0n42	12n35	1s48	23s 8	11s58	12n25	12n17	9n48	12n35	7s39

Julian Day Number = 2287925.5, Delta T = 175.53 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'20, Lahiri = 17°36'20 Julian Calendar 1 Jan. 1552 == Greg. Calendar 11 Jan. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

FEBRUARY 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 19 34	21♒16'28	1♉42	2♓28	9♑22	7♒55	25°R44	23♒59	12°R35	8♉14	28♒42	27♌21	27♌43	8♉44	0°R33	M 1
T 2	9 23 31	22°17'01	13°34	4°17	10° 1	8°42	25♋38	24° 6	12♎34	8°15	28°44	27°22	27°39	8°51	0♌29	T 2
W 3	9 27 28	23°17'32	25°27	6° 4	10°41	9°29	25°32	24°13	12°33	8°16	28°46	27°R22	27°36	8°58	0°25	W 3
T 4	9 31 24	24°18'02	7♊26	7°50	11°21	10°16	25°25	24°20	12°31	8°17	28°47	27°22	27°33	9° 5	0°21	T 4
F 5	9 35 21	25°18'29	19°36	9°34	12° 3	11° 3	25°19	24°28	12°30	8°18	28°49	27°22	27°30	9°11	0°17	F 5
S 6	9 39 17	26°18'55	2♋ 1	11°16	12°46	11°50	25°13	24°35	12°28	8°19	28°51	27°21	27°27	9°18	0°13	S 6
S 7	9 43 14	27°19'19	14°44	12°56	13°30	12°37	25° 7	24°42	12°27	8°20	28°52	27°D21	27°24	9°25	0°10	S 7
M 8	9 47 10	28°19'41	27°47	14°32	14°15	13°24	25° 2	24°49	12°25	8°21	28°54	27°21	27°20	9°31	0° 6	M 8
T 9	9 51 7	29°20'01	11♌11	16° 4	15° 1	14°11	24°56	24°57	12°24	8°22	28°56	27°21	27°17	9°38	0° 2	T 9
W10	9 55 3	0♓20'19	24°56	17°32	15°48	14°59	24°51	25° 4	12°22	8°23	28°57	27°R22	27°14	9°45	29♋58	W10
T 11	9 59 0	1°20'36	9♍ 0	18°55	16°36	15°46	24°45	25°11	12°20	8°24	28°59	27°21	27°11	9°52	29°55	T 11
F 12	10 2 57	2°20'50	23°18	20°12	17°24	16°33	24°40	25°18	12°19	8°25	29° 1	27°21	27° 8	9°58	29°51	F 12
S 13	10 6 53	3°21'03	7♎45	21°23	18°13	17°20	24°36	25°26	12°17	8°26	29° 2	27°21	27° 5	10° 5	29°48	S 13
S 14	10 10 50	4°21'15	22°15	22°27	19° 3	18° 7	24°31	25°33	12°15	8°27	29° 4	27°20	27° 1	10°12	29°44	S 14
M15	10 14 46	5°21'25	6♏44	23°24	19°54	18°54	24°26	25°40	12°13	8°28	29° 6	27°19	26°58	10°18	29°41	M15
T 16	10 18 43	6°21'33	21° 7	24°13	20°46	19°42	24°22	25°47	12°11	8°30	29° 7	27°18	26°55	10°25	29°38	T 16
W17	10 22 39	7°21'40	5♐20	24°54	21°38	20°29	24°18	25°55	12° 9	8°31	29° 9	27°D18	26°52	10°32	29°35	W17
T 18	10 26 36	8°21'45	19°20	25°26	22°31	21°16	24°13	26° 2	12° 7	8°32	29°11	27°18	26°49	10°39	29°32	T 18
F 19	10 30 32	9°21'49	3♑ 8	25°49	23°24	22° 3	24°10	26° 9	12° 5	8°34	29°12	27°19	26°45	10°45	29°29	F 19
S 20	10 34 29	10°21'51	16°43	26° 3	24°19	22°50	24° 6	26°16	12° 3	8°35	29°14	27°20	26°42	10°52	29°26	S 20
S 21	10 38 26	11°21'51	0♒ 3	26°R 8	25°13	23°37	24° 2	26°23	12° 1	8°36	29°16	27°21	26°39	10°59	29°23	S 21
M22	10 42 22	12°21'50	13°11	26° 4	26° 9	24°25	23°59	26°30	11°59	8°38	29°17	27°22	26°36	11° 5	29°20	M22
T 23	10 46 19	13°21'47	26° 6	25°51	27° 4	25°12	23°56	26°37	11°57	8°39	29°19	27°R23	26°33	11°12	29°17	T 23
W24	10 50 15	14°21'42	8♓48	25°30	28° 1	25°59	23°53	26°44	11°55	8°41	29°20	27°22	26°30	11°19	29°15	W24
T 25	10 54 12	15°21'35	21°18	25° 1	28°58	26°46	23°50	26°51	11°53	8°42	29°22	27°21	26°26	11°26	29°12	T 25
F 26	10 58 8	16°21'26	3♈37	24°25	29°55	27°33	23°47	26°58	11°50	8°44	29°24	27°19	26°23	11°32	29°10	F 26
S 27	11 2 5	17°21'15	15°46	23°43	0♒53	28°20	23°45	27° 5	11°48	8°45	29°25	27°16	26°20	11°39	29° 8	S 27
S 28	11 6 1	18°21'01	27°47	22°56	1°51	29° 8	23°43	27°12	11°46	8°47	29°27	27°12	26°17	11°46	29° 6	S 28
M29	11 9 58	19♓20'46	9♉42	22♓ 5	2♒49	29♒55	23♋41	27♒19	11♎44	8♉48	29♒28	27♌ 8	26♌14	11♉52	29♋ 3	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s27	7n37	4s46	11s40	1s 7	17s49	5n22	19s21	1s 3	21n42	0n40	14s47	1s18	4s20	0n42	12n35	1s48	23s 7	11s58	12n25	12n18	9n50	12n36	7s39
T 2	14 7	11 3	5 8	10 52	0 59	17 51	5 16	19 9	1 4	21 43	0 40	14 44	1 18	4 20	0 42	12 35	1 48	23 6	11 58	12 25	12 19	9 52	12 37	7 39
W 3	13 47	14 2	5 17	10 4	0 49	17 54	5 11	18 57	1 4	21 44	0 40	14 42	1 18	4 19	0 42	12 36	1 48	23 6	11 58	12 25	12 20	9 54	12 38	7 38
T 4	13 27	16 28	5 12	9 15	0 39	17 57	5 5	18 44	1 4	21 46	0 40	14 40	1 18	4 19	0 42	12 36	1 48	23 5	11 58	12 25	12 21	9 55	12 40	7 38
F 5	13 7	18 12	4 54	8 26	0 28	17 59	4 59	18 32	1 4	21 47	0 40	14 37	1 18	4 18	0 42	12 36	1 48	23 5	11 58	12 25	12 22	9 57	12 41	7 38
S 6	12 46	19 8	4 21	7 37	0 17	18 1	4 53	18 19	1 4	21 48	0 40	14 35	1 18	4 18	0 42	12 37	1 47	23 4	11 58	12 25	12 23	9 59	12 42	7 37
S 7	12 26	19 7	3 35	6 48	0 5	18 3	4 47	18 6	1 5	21 49	0 40	14 32	1 18	4 17	0 42	12 37	1 47	23 4	11 58	12 25	12 24	10 1	12 43	7 37
M 8	12 5	18 5	2 37	5 59	0n 8	18 5	4 41	17 52	1 5	21 50	0 40	14 30	1 18	4 16	0 42	12 38	1 47	23 3	11 58	12 25	12 25	10 3	12 44	7 36
T 9	11 44	16 2	1 29	5 11	0 21	18 6	4 34	17 39	1 5	21 51	0 40	14 28	1 18	4 16	0 42	12 38	1 47	23 2	11 58	12 25	12 27	10 5	12 45	7 36
W10	11 23	13 2	0 13	4 24	0 35	18 7	4 28	17 25	1 5	21 52	0 40	14 25	1 18	4 15	0 42	12 38	1 47	23 2	11 58	12 25	12 28	10 6	12 47	7 35
T 11	11 1	9 12	1n 4	3 39	0 49	18 8	4 22	17 11	1 5	21 53	0 40	14 23	1 18	4 14	0 42	12 39	1 47	23 1	11 58	12 25	12 29	10 8	12 48	7 35
F 12	10 40	4 48	2 19	2 55	1 3	18 8	4 15	16 57	1 6	21 54	0 40	14 21	1 18	4 14	0 42	12 39	1 47	23 1	11 58	12 25	12 30	10 10	12 49	7 35
S 13	10 18	0 4	3 26	2 14	1 18	18 8	4 9	16 43	1 6	21 55	0 40	14 18	1 18	4 13	0 42	12 40	1 47	23 0	11 58	12 25	12 31	10 12	12 50	7 34
S 14	9 56	4s40	4 20	1 35	1 32	18 8	4 3	16 29	1 6	21 56	0 40	14 16	1 18	4 12	0 42	12 40	1 47	23 0	11 58	12 26	12 32	10 14	12 51	7 34
M15	9 34	9 7	4 57	0 59	1 47	18 7	3 56	16 14	1 6	21 57	0 40	14 13	1 18	4 11	0 42	12 40	1 47	22 59	11 58	12 26	12 33	10 16	12 53	7 33
T 16	9 12	13 1	5 15	0 27	2 1	18 6	3 50	16 0	1 6	21 58	0 40	14 11	1 19	4 11	0 42	12 41	1 47	22 59	11 58	12 26	12 34	10 17	12 54	7 33
W17	8 50	16 6	5 14	0n 2	2 15	18 5	3 43	15 45	1 6	21 58	0 40	14 9	1 19	4 10	0 42	12 41	1 47	22 58	11 58	12 26	12 35	10 19	12 55	7 32
T 18	8 27	18 11	4 54	0 27	2 29	18 3	3 37	15 30	1 6	21 59	0 40	14 6	1 19	4 9	0 42	12 42	1 47	22 58	11 58	12 26	12 36	10 21	12 56	7 31
F 19	8 5	19 10	4 17	0 48	2 41	18 0	3 30	15 14	1 7	22 0	0 40	14 4	1 19	4 8	0 42	12 42	1 47	22 57	11 58	12 26	12 37	10 23	12 57	7 31
S 20	7 42	19 2	3 27	1 5	2 53	17 58	3 24	14 59	1 7	22 0	0 41	14 2	1 19	4 7	0 42	12 43	1 47	22 56	11 58	12 26	12 39	10 25	12 58	7 30
S 21	7 19	17 49	2 25	1 17	3 4	17 54	3 17	14 44	1 7	22 1	0 41	13 59	1 19	4 7	0 43	12 43	1 47	22 56	11 59	12 25	12 40	10 27	12 59	7 30
M22	6 56	15 39	1 18	1 24	3 14	17 51	3 11	14 28	1 7	22 2	0 41	13 57	1 19	4 6	0 43	12 44	1 47	22 55	11 59	12 25	12 41	10 28	13 1	7 29
T 23	6 33	12 44	0 7	1 26	3 22	17 47	3 4	14 12	1 7	22 2	0 41	13 55	1 19	4 5	0 43	12 44	1 47	22 55	11 59	12 25	12 42	10 30	13 2	7 28
W24	6 10	9 15	1s 3	1 24	3 29	17 42	2 58	13 56	1 7	22 3	0 41	13 52	1 19	4 4	0 43	12 45	1 46	22 54	11 59	12 25	12 43	10 32	13 3	7 28
T 25	5 47	5 25	2 8	1 17	3 34	17 37	2 51	13 40	1 7	22 3	0 41	13 50	1 19	4 3	0 43	12 45	1 46	22 54	11 59	12 25	12 44	10 34	13 4	7 27
F 26	5 24	1 25	3 7	1 6	3 37	17 32	2 45	13 24	1 7	22 4	0 41	13 48	1 19	4 2	0 43	12 46	1 46	22 54	11 59	12 26	12 45	10 36	13 5	7 27
S 27	5 0	2n35	3 56	0 51	3 38	17 26	2 39	13 8	1 7	22 4	0 41	13 45	1 20	4 1	0 43	12 46	1 46	22 53	11 59	12 27	12 46	10 37	13 6	7 26
S 28	4 37	6 27	4 34	0 32	3 38	17 19	2 32	12 51	1 7	22 4	0 41	13 43	1 20	4 1	0 43	12 47	1 46	22 53	11 59	12 28	12 47	10 39	13 7	7 25
M29	4s14	10n 0	5s 0	0n 9	3n35	17s12	2n26	12s35	1s 7	22n 5	0n41	13s41	1s20	4s 0	0n43	12n47	1s46	22s52	12s 0	12n30	12n48	10n41	13n 8	7s25

Julian Day Number = 2287956.5, Delta T = 175.35 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'24, Lahiri = 17°36'25 Julian Calendar 1 Feb. 1552 == Greg. Calendar 11 Feb. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

MARCH 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 13 54	20♓20'28	21♉33	21°R11	3♒48	0♓42	23°R39	27♒26	11°R41	8♉50	29♒30	27°R 5	26♌10	11♉59	29°R 1	T 1
W 2	11 17 51	21°20'09	3♊26	20♓16	4°48	1°29	23♋37	27°33	11♎39	8°52	29°32	27♌ 3	26° 7	12° 6	28♋59	W 2
T 3	11 21 48	22°19'47	15°23	19°20	5°47	2°16	23°36	27°40	11°37	8°53	29°33	27° 2	26° 4	12°13	28°58	T 3
F 4	11 25 44	23°19'22	27°30	18°25	6°48	3° 3	23°35	27°47	11°34	8°55	29°35	27°D 2	26° 1	12°19	28°56	F 4
S 5	11 29 41	24°18'56	9♋52	17°32	7°48	3°50	23°34	27°54	11°32	8°57	29°36	27° 2	25°58	12°26	28°54	S 5
S 6	11 33 37	25°18'27	22°32	16°42	8°49	4°37	23°33	28° 0	11°29	8°58	29°38	27° 4	25°55	12°33	28°53	S 6
M 7	11 37 34	26°17'55	5♌34	15°55	9°50	5°24	23°32	28° 7	11°27	9° 0	29°39	27° 6	25°51	12°39	28°51	M 7
T 8	11 41 30	27°17'22	19° 2	15°13	10°52	6°11	23°32	28°14	11°24	9° 2	29°41	27° 7	25°48	12°46	28°50	T 8
W 9	11 45 27	28°16'46	2♍56	14°36	11°53	6°59	23°31	28°20	11°22	9° 4	29°42	27°R 7	25°45	12°53	28°49	W 9
T 10	11 49 23	29°16'08	17°15	14° 4	12°55	7°46	23°D31	28°27	11°19	9° 5	29°44	27° 5	25°42	13° 0	28°48	T 10
F 11	11 53 20	0♈15'28	1♎54	13°38	13°58	8°33	23°31	28°34	11°17	9° 7	29°45	27° 2	25°39	13° 6	28°47	F 11
S 12	11 57 17	1°14'45	16°47	13°18	15° 1	9°20	23°32	28°40	11°14	9° 9	29°47	26°58	25°36	13°13	28°46	S 12
S 13	12 1 13	2°14'01	1♏46	13° 3	16° 3	10° 6	23°32	28°47	11°12	9°11	29°48	26°53	25°32	13°20	28°45	S 13
M14	12 5 10	3°13'15	16°41	12°55	17° 7	10°53	23°33	28°53	11° 9	9°13	29°50	26°48	25°29	13°27	28°44	M14
T 15	12 9 6	4°12'27	1♐25	12°D52	18°10	11°40	23°34	29° 0	11° 7	9°15	29°51	26°43	25°26	13°33	28°43	T 15
W16	12 13 3	5°11'37	15°51	12°54	19°14	12°27	23°35	29° 6	11° 4	9°17	29°53	26°40	25°23	13°40	28°43	W16
T 17	12 16 59	6°10'46	29°56	13° 3	20°18	13°14	23°36	29°12	11° 2	9°19	29°54	26°39	25°20	13°47	28°43	T 17
F 18	12 20 56	7° 9'53	13♑40	13°16	21°22	14° 1	23°37	29°18	10°59	9°21	29°55	26°D39	25°16	13°53	28°42	F 18
S 19	12 24 52	8° 8'58	27° 4	13°34	22°27	14°48	23°39	29°25	10°57	9°23	29°57	26°40	25°13	14° 0	28°42	S 19
S 20	12 28 49	9° 8'01	10♒ 8	13°57	23°31	15°35	23°41	29°31	10°54	9°25	29°58	26°41	25°10	14° 7	28°D42	S 20
M21	12 32 46	10° 7'03	22°57	14°25	24°36	16°22	23°43	29°37	10°51	9°27	29°59	26°R42	25° 7	14°14	28°42	M21
T 22	12 36 42	11° 6'02	5♓32	14°57	25°41	17° 8	23°45	29°43	10°49	9°29	0♓ 1	26°42	25° 4	14°20	28°42	T 22
W23	12 40 39	12° 5'00	17°56	15°34	26°46	17°55	23°47	29°49	10°46	9°31	0° 2	26°39	25° 1	14°27	28°42	W23
T 24	12 44 35	13° 3'56	0♈11	16°14	27°52	18°42	23°50	29°55	10°44	9°33	0° 3	26°35	24°57	14°34	28°43	T 24
F 25	12 48 32	14° 2'49	12°18	16°58	28°57	19°29	23°52	0♓ 1	10°41	9°35	0° 5	26°28	24°54	14°40	28°43	F 25
S 26	12 52 28	15° 1'41	24°19	17°45	0♓ 3	20°15	23°55	0° 7	10°38	9°37	0° 6	26°20	24°51	14°47	28°44	S 26
S 27	12 56 25	16° 0'31	6♉15	18°36	1° 9	21° 2	23°58	0°13	10°36	9°39	0° 7	26°10	24°48	14°54	28°44	S 27
M28	13 0 21	16°59'18	18° 8	19°29	2°15	21°49	24° 1	0°19	10°33	9°41	0° 8	26° 0	24°45	15° 1	28°45	M28
T 29	13 4 18	17°58'04	29°59	20°26	3°22	22°35	24° 5	0°24	10°31	9°43	0°10	25°51	24°41	15° 7	28°46	T 29
W30	13 8 14	18°56'47	11♊52	21°26	4°28	23°22	24° 8	0°30	10°28	9°45	0°11	25°43	24°38	15°14	28°47	W30
T 31	13 12 11	19♈55'28	23♊49	22♓29	5♓35	24♓ 9	24♋12	0♓35	10♎26	9♉47	0♓12	25♌38	24♌35	15♉21	28♋48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s50	13n10	5s13	0s16	3n31	17s 5	2n20	12s18	1s 7	22n 5	0n41	13s38	1s20	3s59	0n43	12n48	1s46	22s52	12s 0	12n31	12n49	10n43	13n 9	7s24
W 2	3 27	15 47	5 12	0 44	3 24	16 57	2 13	12 1	1 7	22 5	0 41	13 36	1 20	3 58	0 43	12 49	1 46	22 51	12 0	12 31	12 50	10 45	13 10	7 23
T 3	3 3	17 45	4 58	1 13	3 16	16 49	2 7	11 44	1 8	22 6	0 41	13 34	1 20	3 57	0 43	12 49	1 46	22 51	12 0	12 32	12 51	10 47	13 11	7 23
F 4	2 39	18 57	4 31	1 44	3 6	16 40	2 1	11 27	1 8	22 6	0 41	13 32	1 20	3 56	0 43	12 50	1 46	22 50	12 0	12 32	12 53	10 48	13 12	7 22
S 5	2 16	19 18	3 51	2 15	2 55	16 31	1 55	11 10	1 8	22 6	0 41	13 29	1 20	3 55	0 43	12 50	1 46	22 50	12 0	12 32	12 54	10 50	13 13	7 21
S 6	1 52	18 41	2 58	2 46	2 43	16 21	1 49	10 53	1 8	22 6	0 41	13 27	1 20	3 54	0 43	12 51	1 46	22 50	12 0	12 31	12 55	10 52	13 14	7 21
M 7	1 28	17 3	1 55	3 16	2 29	16 11	1 43	10 36	1 8	22 6	0 41	13 25	1 21	3 53	0 43	12 51	1 46	22 49	12 1	12 31	12 56	10 54	13 15	7 20
T 8	1 5	14 27	0 44	3 46	2 15	16 0	1 37	10 18	1 8	22 6	0 41	13 23	1 21	3 52	0 43	12 52	1 46	22 49	12 1	12 30	12 57	10 56	13 16	7 19
W 9	0 41	10 57	0n32	4 14	2 0	15 49	1 31	10 1	1 8	22 6	0 41	13 20	1 21	3 51	0 43	12 53	1 46	22 48	12 1	12 30	12 58	10 57	13 17	7 18
T 10	0 17	6 42	1 48	4 40	1 45	15 37	1 25	9 43	1 8	22 6	0 41	13 18	1 21	3 50	0 43	12 53	1 46	22 48	12 1	12 31	12 59	10 59	13 18	7 18
F 11	0n 6	1 58	2 59	5 4	1 30	15 25	1 19	9 26	1 7	22 6	0 40	13 16	1 21	3 49	0 43	12 54	1 46	22 48	12 1	12 32	13 0	11 1	13 19	7 17
S 12	0 30	2s57	3 58	5 26	1 14	15 12	1 13	9 8	1 7	22 6	0 40	13 14	1 21	3 48	0 43	12 55	1 46	22 47	12 2	12 33	13 1	11 3	13 20	7 16
S 13	0 53	7 42	4 42	5 46	0 59	14 59	1 8	8 50	1 7	22 6	0 40	13 12	1 21	3 47	0 43	12 55	1 46	22 47	12 2	12 35	13 2	11 5	13 21	7 15
M14	1 17	11 58	5 6	6 4	0 43	14 46	1 2	8 32	1 7	22 6	0 40	13 10	1 21	3 46	0 43	12 56	1 46	22 47	12 2	12 37	13 3	11 6	13 22	7 15
T 15	1 41	15 26	5 10	6 19	0 28	14 32	0 56	8 14	1 7	22 6	0 40	13 8	1 22	3 45	0 43	12 56	1 46	22 46	12 2	12 38	13 4	11 8	13 23	7 14
W16	2 4	17 52	4 54	6 31	0 14	14 17	0 51	7 56	1 7	22 6	0 40	13 5	1 22	3 44	0 43	12 57	1 46	22 46	12 2	12 39	13 5	11 10	13 24	7 13
T 17	2 28	19 10	4 20	6 41	0s 0	14 2	0 45	7 38	1 7	22 6	0 40	13 3	1 22	3 43	0 43	12 58	1 46	22 46	12 3	12 40	13 7	11 12	13 24	7 12
F 18	2 51	19 16	3 32	6 48	0 14	13 47	0 40	7 20	1 7	22 5	0 40	13 1	1 22	3 42	0 43	12 58	1 45	22 45	12 3	12 40	13 8	11 14	13 25	7 12
S 19	3 14	18 17	2 34	6 54	0 27	13 31	0 35	7 2	1 7	22 5	0 40	12 59	1 22	3 41	0 43	12 59	1 45	22 45	12 3	12 39	13 9	11 15	13 26	7 11
S 20	3 38	16 19	1 29	6 56	0 40	13 15	0 29	6 44	1 7	22 5	0 40	12 57	1 22	3 40	0 43	13 0	1 45	22 45	12 3	12 39	13 10	11 17	13 27	7 10
M21	4 1	13 35	0 20	6 57	0 52	12 58	0 24	6 25	1 7	22 4	0 40	12 55	1 22	3 39	0 43	13 0	1 45	22 44	12 3	12 39	13 11	11 19	13 27	7 9
T 22	4 24	10 15	0s48	6 55	1 3	12 41	0 19	6 7	1 7	22 4	0 40	12 53	1 23	3 38	0 43	13 1	1 45	22 44	12 4	12 39	13 12	11 21	13 28	7 9
W23	4 47	6 30	1 52	6 51	1 14	12 24	0 14	5 48	1 7	22 3	0 40	12 51	1 23	3 37	0 43	13 2	1 45	22 44	12 4	12 39	13 13	11 23	13 29	7 8
T 24	5 10	2 32	2 51	6 44	1 24	12 6	0 9	5 30	1 6	22 3	0 40	12 49	1 23	3 36	0 43	13 2	1 45	22 44	12 4	12 41	13 14	11 24	13 30	7 7
F 25	5 33	1n29	3 41	6 36	1 34	11 48	0 4	5 11	1 6	22 3	0 40	12 47	1 23	3 35	0 43	13 3	1 45	22 43	12 4	12 43	13 15	11 26	13 30	7 6
S 26	5 56	5 25	4 20	6 26	1 43	11 29	0s 0	4 53	1 6	22 2	0 40	12 45	1 23	3 34	0 43	13 4	1 45	22 43	12 5	12 46	13 16	11 28	13 31	7 6
S 27	6 19	9 6	4 48	6 14	1 51	11 10	0 5	4 34	1 6	22 1	0 40	12 43	1 23	3 33	0 43	13 4	1 45	22 43	12 5	12 49	13 17	11 30	13 32	7 5
M28	6 41	12 25	5 3	6 0	1 59	10 51	0 10	4 16	1 6	22 1	0 40	12 41	1 23	3 32	0 43	13 5	1 45	22 43	12 5	12 53	13 18	11 31	13 32	7 4
T 29	7 4	15 13	5 5	5 44	2 6	10 31	0 14	3 57	1 6	22 0	0 40	12 40	1 24	3 31	0 43	13 6	1 45	22 43	12 5	12 56	13 19	11 33	13 33	7 3
W30	7 26	17 24	4 54	5 26	2 13	10 11	0 18	3 39	1 6	22 0	0 40	12 38	1 24	3 30	0 43	13 6	1 45	22 42	12 6	12 58	13 20	11 35	13 33	7 2
T 31	7n49	18n51	4s30	5s 7	2s18	9s50	0s23	3s20	1s 5	21n59	0n40	12s36	1s24	3s29	0n43	13n 7	1s45	22s42	12s 6	13n 0	13n21	11n37	13n34	7s 2

Julian Day Number = 2287985.5, Delta T = 175.18 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'28, Lahiri = 17°36'29 Julian Calendar 1 March 1552 == Greg. Calendar 11 March 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

APRIL 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 16 8	20♈54'07	5♋54	23♓34	6♓41	24♓55	24♋16	0♓41	10°R23	9♉50	0♓13	25°R34	24♌32	15♉27	28♋49	F 1
S 2	13 20 4	21°52'44	18°11	24°42	7°48	25°42	24°20	0°46	10♎21	9°52	0°14	25°D33	24°29	15°34	28°50	S 2
S 3	13 24 1	22°51'19	0♌46	25°52	8°55	26°28	24°25	0°52	10°18	9°54	0°15	25♌33	24°26	15°41	28°52	S 3
M 4	13 27 57	23°49'51	13°43	27° 4	10° 2	27°14	24°29	0°57	10°16	9°56	0°17	25°34	24°22	15°48	28°53	M 4
T 5	13 31 54	24°48'21	27° 6	28°19	11°10	28° 1	24°34	1° 3	10°13	9°58	0°18	25°R35	24°19	15°54	28°55	T 5
W 6	13 35 50	25°46'49	10♍58	29°36	12°17	28°47	24°38	1° 8	10°11	10° 1	0°19	25°34	24°16	16° 1	28°57	W 6
T 7	13 39 47	26°45'15	25°18	0♈55	13°25	29°33	24°43	1°13	10° 8	10° 3	0°20	25°30	24°13	16° 8	28°58	T 7
F 8	13 43 43	27°43'38	10♎ 4	2°17	14°32	0♈20	24°48	1°18	10° 6	10° 5	0°21	25°25	24°10	16°15	29° 0	F 8
S 9	13 47 40	28°42'00	25°10	3°40	15°40	1° 6	24°54	1°23	10° 3	10° 7	0°22	25°17	24° 7	16°21	29° 2	S 9
S 10	13 51 37	29°40'20	10♏26	5° 5	16°48	1°52	24°59	1°28	10° 1	10° 9	0°23	25° 8	24° 3	16°28	29° 4	S 10
M11	13 55 33	0♉38'38	25°41	6°32	17°56	2°38	25° 4	1°33	9°59	10°12	0°24	24°58	24° 0	16°35	29° 7	M11
T 12	13 59 30	1°36'55	10♐45	8° 2	19° 4	3°25	25°10	1°38	9°56	10°14	0°25	24°50	23°57	16°41	29° 9	T 12
W13	14 3 26	2°35'10	25°28	9°33	20°12	4°11	25°16	1°42	9°54	10°16	0°26	24°43	23°54	16°48	29°11	W13
T 14	14 7 23	3°33'23	9♑46	11° 6	21°20	4°57	25°22	1°47	9°52	10°18	0°27	24°38	23°51	16°55	29°14	T 14
F 15	14 11 19	4°31'35	23°36	12°41	22°29	5°43	25°28	1°52	9°49	10°21	0°27	24°36	23°47	17° 2	29°16	F 15
S 16	14 15 16	5°29'45	6♒59	14°18	23°37	6°29	25°34	1°56	9°47	10°23	0°28	24°D36	23°44	17° 8	29°19	S 16
S 17	14 19 12	6°27'54	19°59	15°56	24°46	7°15	25°41	2° 1	9°45	10°25	0°29	24°R36	23°41	17°15	29°22	S 17
M18	14 23 9	7°26'02	2♓39	17°37	25°55	8° 1	25°47	2° 5	9°43	10°27	0°30	24°36	23°38	17°22	29°25	M18
T 19	14 27 6	8°24'08	15° 4	19°19	27° 3	8°47	25°54	2° 9	9°41	10°30	0°31	24°34	23°35	17°28	29°28	T 19
W20	14 31 2	9°22'12	27°16	21° 4	28°12	9°32	26° 1	2°13	9°38	10°32	0°32	24°30	23°32	17°35	29°31	W20
T 21	14 34 59	10°20'15	9♈20	22°50	29°21	10°18	26° 8	2°18	9°36	10°34	0°32	24°23	23°28	17°42	29°34	T 21
F 22	14 38 55	11°18'17	21°18	24°38	0♈30	11° 4	26°15	2°22	9°34	10°36	0°33	24°14	23°25	17°49	29°37	F 22
S 23	14 42 52	12°16'17	3♉13	26°28	1°39	11°50	26°22	2°26	9°32	10°39	0°34	24° 1	23°22	17°55	29°40	S 23
S 24	14 46 48	13°14'15	15° 5	28°20	2°49	12°35	26°30	2°29	9°30	10°41	0°34	23°48	23°19	18° 2	29°44	S 24
M25	14 50 45	14°12'12	26°57	0♉14	3°58	13°21	26°37	2°33	9°28	10°43	0°35	23°34	23°16	18° 9	29°47	M25
T 26	14 54 41	15°10'08	8♊50	2° 9	5° 7	14° 6	26°45	2°37	9°26	10°45	0°36	23°21	23°13	18°16	29°51	T 26
W27	14 58 38	16° 8'02	20°45	4° 7	6°17	14°52	26°53	2°41	9°24	10°48	0°36	23° 9	23° 9	18°22	29°55	W27
T 28	15 2 35	17° 5'54	2♋45	6° 6	7°26	15°37	27° 1	2°44	9°22	10°50	0°37	23° 0	23° 6	18°29	29°59	T 28
F 29	15 6 31	18° 3'44	14°52	8° 7	8°36	16°23	27° 9	2°48	9°21	10°52	0°37	22°54	23° 3	18°36	0♌ 2	F 29
S 30	15 10 28	19♉ 1'33	27♋11	10♉10	9♈45	17♈ 8	27♋17	2♓51	9♎19	10♉54	0♓38	22♌51	23♌ 0	18♉42	0♌ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n11	19n28	3s54	4s45	2s24	9s30	0s27	3s 1	1s 5	21n58	0n40	12s34	1s24	3s28	0n43	13n 8	1s45	22s42	12s 6	13n 2	13n23	11n39	13n34	7s 1
S 2	8 33	19 11	3 6	4 23	2 28	9 9	0 31	2 43	1 5	21 57	0 40	12 32	1 24	3 27	0 43	13 9	1 45	22 42	12 6	13 2	13 24	11 40	13 35	7 0
S 3	8 54	17 56	2 9	3 59	2 32	8 47	0 35	2 24	1 5	21 57	0 40	12 30	1 24	3 26	0 43	13 9	1 45	22 42	12 7	13 2	13 25	11 42	13 35	6 59
M 4	9 16	15 44	1 3	3 33	2 36	8 26	0 39	2 5	1 5	21 56	0 40	12 29	1 25	3 25	0 43	13 10	1 45	22 41	12 7	13 2	13 26	11 44	13 36	6 59
T 5	9 38	12 38	0n 8	3 6	2 39	8 4	0 43	1 47	1 4	21 55	0 40	12 27	1 25	3 24	0 43	13 11	1 45	22 41	12 7	13 2	13 27	11 46	13 36	6 58
W 6	9 59	8 43	1 21	2 37	2 41	7 41	0 47	1 28	1 4	21 54	0 40	12 25	1 25	3 23	0 43	13 11	1 45	22 41	12 8	13 2	13 28	11 47	13 37	6 57
T 7	10 20	4 11	2 32	2 7	2 43	7 19	0 50	1 9	1 4	21 53	0 40	12 24	1 25	3 22	0 43	13 12	1 45	22 41	12 8	13 3	13 29	11 49	13 37	6 56
F 8	10 41	0s43	3 34	1 36	2 44	6 56	0 54	0 50	1 4	21 52	0 40	12 22	1 25	3 21	0 43	13 13	1 45	22 41	12 8	13 5	13 30	11 51	13 38	6 55
S 9	11 2	5 41	4 23	1 3	2 45	6 33	0 58	0 32	1 3	21 51	0 40	12 20	1 26	3 20	0 42	13 14	1 45	22 41	12 8	13 7	13 31	11 53	13 38	6 55
S 10	11 23	10 20	4 53	0 30	2 45	6 10	1 1	0 13	1 3	21 50	0 40	12 19	1 26	3 20	0 42	13 14	1 45	22 41	12 9	13 11	13 32	11 55	13 38	6 54
M11	11 43	14 19	5 3	0n 5	2 44	5 46	1 4	0n 5	1 3	21 49	0 40	12 17	1 26	3 19	0 42	13 15	1 45	22 41	12 9	13 14	13 33	11 56	13 39	6 53
T 12	12 4	17 18	4 52	0 42	2 43	5 22	1 7	0 24	1 3	21 48	0 40	12 16	1 26	3 18	0 42	13 16	1 45	22 41	12 9	13 17	13 34	11 58	13 39	6 52
W13	12 24	19 4	4 21	1 19	2 41	4 58	1 10	0 43	1 2	21 47	0 40	12 14	1 26	3 17	0 42	13 16	1 45	22 41	12 10	13 19	13 35	12 0	13 39	6 52
T 14	12 44	19 34	3 35	1 58	2 39	4 34	1 13	1 1	1 2	21 46	0 40	12 13	1 26	3 16	0 42	13 17	1 45	22 41	12 10	13 20	13 36	12 2	13 39	6 51
F 15	13 4	18 51	2 37	2 37	2 36	4 10	1 16	1 20	1 2	21 45	0 40	12 11	1 27	3 15	0 42	13 18	1 45	22 41	12 10	13 21	13 37	12 3	13 40	6 50
S 16	13 23	17 5	1 32	3 18	2 33	3 45	1 19	1 38	1 1	21 44	0 40	12 10	1 27	3 14	0 42	13 18	1 45	22 40	12 11	13 21	13 38	12 5	13 40	6 49
S 17	13 42	14 28	0 25	3 59	2 29	3 20	1 22	1 57	1 1	21 42	0 40	12 8	1 27	3 13	0 42	13 19	1 45	22 40	12 11	13 21	13 39	12 7	13 40	6 49
M18	14 1	11 13	0s43	4 42	2 25	2 55	1 25	2 15	1 1	21 41	0 40	12 7	1 27	3 12	0 42	13 20	1 45	22 40	12 11	13 21	13 40	12 9	13 40	6 48
T 19	14 20	7 32	1 46	5 25	2 20	2 30	1 27	2 34	1 0	21 40	0 40	12 5	1 27	3 12	0 42	13 21	1 45	22 40	12 12	13 22	13 42	12 10	13 40	6 47
W20	14 39	3 36	2 44	6 9	2 15	2 5	1 29	2 52	1 0	21 39	0 40	12 4	1 28	3 11	0 42	13 21	1 45	22 40	12 12	13 23	13 43	12 12	13 40	6 46
T 21	14 57	0n26	3 33	6 54	2 9	1 40	1 32	3 10	1 0	21 37	0 40	12 3	1 28	3 10	0 42	13 22	1 45	22 40	12 12	13 25	13 44	12 14	13 40	6 46
F 22	15 15	4 25	4 13	7 40	2 2	1 14	1 34	3 29	0 59	21 36	0 40	12 2	1 28	3 9	0 42	13 23	1 45	22 41	12 12	13 29	13 45	12 16	13 40	6 45
S 23	15 33	8 13	4 41	8 26	1 56	0 48	1 36	3 47	0 59	21 35	0 40	12 0	1 28	3 8	0 42	13 23	1 45	22 41	12 13	13 33	13 46	12 17	13 40	6 44
S 24	15 51	11 40	4 56	9 13	1 48	0 23	1 38	4 5	0 59	21 33	0 40	11 59	1 28	3 8	0 42	13 24	1 45	22 41	12 13	13 37	13 47	12 19	13 40	6 44
M25	16 8	14 40	4 59	10 1	1 40	0n 3	1 40	4 23	0 58	21 32	0 40	11 58	1 29	3 7	0 42	13 25	1 45	22 41	12 13	13 42	13 48	12 21	13 40	6 43
T 26	16 25	17 4	4 49	10 49	1 32	0 29	1 42	4 41	0 58	21 30	0 40	11 57	1 29	3 6	0 42	13 25	1 45	22 41	12 14	13 46	13 49	12 23	13 40	6 42
W27	16 42	18 45	4 26	11 37	1 24	0 55	1 44	4 59	0 58	21 29	0 40	11 56	1 29	3 5	0 42	13 26	1 45	22 41	12 14	13 50	13 50	12 24	13 40	6 41
T 28	16 59	19 36	3 52	12 25	1 15	1 21	1 45	5 17	0 57	21 27	0 40	11 54	1 29	3 5	0 42	13 27	1 45	22 41	12 14	13 53	13 51	12 26	13 40	6 41
F 29	17 15	19 35	3 6	13 13	1 5	1 47	1 47	5 35	0 57	21 25	0 40	11 53	1 29	3 4	0 42	13 28	1 45	22 41	12 15	13 55	13 52	12 28	13 40	6 40
S 30	17n31	18n38	2s11	14n 2	0s55	2n13	1s48	5n53	0s57	21n24	0n40	11s52	1s30	3s 3	0n42	13n28	1s45	22s41	12s15	13n56	13n53	12n30	13n40	6s39

Julian Day Number = 2288016.5, Delta T = 174.99 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'32, Lahiri = 17°36'33 Julian Calendar 1 Apr. 1552 == Greg. Calendar 11 Apr. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

MAY 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 14 24	19♉59'20	9♌44	12♉15	10♈55	17♈54	27♋25	2♓54	9°R17	10♉57	0♓39	22°R50	22♌57	18♉49	0♌10	S 1
M 2	15 18 21	20°57'05	22°37	14°21	12° 5	18°39	27°34	2°58	9♎15	10°59	0°39	22♌49	22°53	18°56	0°15	M 2
T 3	15 22 17	21°54'49	5♍53	16°28	13°14	19°24	27°42	3° 1	9°14	11° 1	0°40	22°49	22°50	19° 3	0°19	T 3
W 4	15 26 14	22°52'31	19°37	18°37	14°24	20° 9	27°51	3° 4	9°12	11° 3	0°40	22°48	22°47	19° 9	0°23	W 4
T 5	15 30 10	23°50'11	3♎49	20°46	15°34	20°54	27°59	3° 7	9°10	11° 5	0°40	22°44	22°44	19°16	0°28	T 5
F 6	15 34 7	24°47'50	18°28	22°57	16°44	21°39	28° 8	3°10	9° 9	11° 8	0°41	22°38	22°41	19°23	0°32	F 6
S 7	15 38 4	25°45'27	3♏30	25° 8	17°54	22°24	28°17	3°12	9° 7	11°10	0°41	22°29	22°38	19°30	0°37	S 7
S 8	15 42 0	26°43'03	18°47	27°20	19° 4	23° 9	28°26	3°15	9° 6	11°12	0°41	22°19	22°34	19°36	0°41	S 8
M 9	15 45 57	27°40'38	4♐ 7	29°32	20°14	23°54	28°36	3°18	9° 4	11°14	0°42	22° 8	22°31	19°43	0°46	M 9
T 10	15 49 53	28°38'11	19°19	1♊43	21°25	24°39	28°45	3°20	9° 3	11°16	0°42	21°58	22°28	19°50	0°51	T 10
W11	15 53 50	29°35'44	4♑13	3°54	22°35	25°24	28°54	3°23	9° 2	11°19	0°42	21°50	22°25	19°56	0°56	W11
T 12	15 57 46	0♊33'16	18°41	6° 5	23°45	26° 9	29° 4	3°25	9° 0	11°21	0°43	21°45	22°22	20° 3	1° 0	T 12
F 13	16 1 43	1°30'46	2♒40	8°14	24°56	26°54	29°13	3°27	8°59	11°23	0°43	21°42	22°19	20°10	1° 5	F 13
S 14	16 5 39	2°28'16	16°10	10°23	26° 6	27°38	29°23	3°29	8°58	11°25	0°43	21°41	22°15	20°17	1°11	S 14
S 15	16 9 36	3°25'45	29°13	12°30	27°17	28°23	29°33	3°31	8°57	11°27	0°43	21°41	22°12	20°23	1°16	S 15
M16	16 13 33	4°23'13	11♓54	14°35	28°27	29° 7	29°43	3°33	8°56	11°29	0°43	21°40	22° 9	20°30	1°21	M16
T 17	16 17 29	5°20'41	24°15	16°38	29°38	29°52	29°53	3°35	8°55	11°31	0°44	21°39	22° 6	20°37	1°26	T 17
W18	16 21 26	6°18'07	6♈24	18°40	0♉48	0♉36	0♌ 3	3°37	8°54	11°33	0°44	21°36	22° 3	20°43	1°32	W18
T 19	16 25 22	7°15'33	18°23	20°39	1°59	1°21	0°13	3°39	8°53	11°36	0°44	21°29	21°59	20°50	1°37	T 19
F 20	16 29 19	8°12'59	0♉17	22°36	3°10	2° 5	0°23	3°40	8°52	11°38	0°44	21°21	21°56	20°57	1°43	F 20
S 21	16 33 15	9°10'23	12° 8	24°31	4°20	2°49	0°33	3°42	8°51	11°40	0°44	21°10	21°53	21° 4	1°48	S 21
S 22	16 37 12	10° 7'47	24° 0	26°24	5°31	3°34	0°44	3°43	8°50	11°42	0°R44	20°57	21°50	21°10	1°54	S 22
M23	16 41 8	11° 5'10	5♊53	28°14	6°42	4°18	0°54	3°44	8°49	11°44	0°44	20°44	21°47	21°17	1°59	M23
T 24	16 45 5	12° 2'32	17°50	0♋ 1	7°53	5° 2	1° 5	3°45	8°48	11°46	0°44	20°32	21°44	21°24	2° 5	T 24
W25	16 49 2	12°59'54	29°52	1°46	9° 4	5°46	1°15	3°46	8°48	11°48	0°44	20°22	21°40	21°31	2°11	W25
T 26	16 52 58	13°57'15	12♋ 0	3°29	10°15	6°30	1°26	3°47	8°47	11°50	0°44	20°14	21°37	21°37	2°17	T 26
F 27	16 56 55	14°54'35	24°16	5° 9	11°26	7°14	1°37	3°48	8°47	11°52	0°43	20° 8	21°34	21°44	2°23	F 27
S 28	17 0 51	15°51'54	6♌42	6°46	12°37	7°58	1°48	3°49	8°46	11°54	0°43	20° 5	21°31	21°51	2°29	S 28
S 29	17 4 48	16°49'12	19°21	8°20	13°48	8°41	1°59	3°50	8°46	11°56	0°43	20°D 4	21°28	21°57	2°35	S 29
M30	17 8 44	17°46'29	2♍17	9°53	14°59	9°25	2°10	3°50	8°45	11°58	0°43	20° 5	21°25	22° 4	2°41	M30
T 31	17 12 41	18♊43'45	15♍32	11♋22	16♉11	10♉ 9	2♌21	3♓51	8♎45	11♉59	0♓43	20°R 5	21♌21	22♉11	2♌47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
S 1	17n47	16n45	1s 9	14n50	0s45	2n39	1s49	6n10	0s56	21n22	0n40	11s51	1s30	3s 3	0n42	13n29	1s45	22s41	12s15	13n56	13n54	12n31	13n40	6s39
M 2	18 2	13 59	0 1	15 37	0 35	3 5	1 51	6 28	0 56	21 21	0 39	11 50	1 30	3 2	0 42	13 30	1 45	22 41	12 16	13 56	13 55	12 33	13 40	6 38
T 3	18 17	10 26	1n 9	16 24	0 25	3 31	1 52	6 45	0 55	21 19	0 39	11 49	1 30	3 1	0 42	13 30	1 45	22 42	12 16	13 56	13 56	12 35	13 39	6 37
W 4	18 32	6 13	2 16	17 10	0 14	3 58	1 53	7 3	0 55	21 17	0 39	11 49	1 30	3 1	0 42	13 31	1 45	22 42	12 17	13 57	13 57	12 37	13 39	6 37
T 5	18 47	1 31	3 18	17 56	0 4	4 24	1 54	7 20	0 54	21 15	0 39	11 48	1 31	3 0	0 42	13 32	1 45	22 42	12 17	13 58	13 58	12 38	13 39	6 36
F 6	19 1	3s25	4 9	18 40	0n 7	4 50	1 55	7 38	0 54	21 14	0 39	11 47	1 31	3 0	0 42	13 32	1 45	22 42	12 17	14 0	13 59	12 40	13 39	6 35
S 7	19 15	8 15	4 44	19 22	0 17	5 16	1 55	7 55	0 54	21 12	0 39	11 46	1 31	2 59	0 42	13 33	1 45	22 42	12 18	14 3	14 0	12 42	13 38	6 35
S 8	19 28	12 39	5 0	20 4	0 28	5 42	1 56	8 12	0 53	21 10	0 39	11 45	1 31	2 58	0 42	13 34	1 45	22 42	12 18	14 6	14 1	12 43	13 38	6 34
M 9	19 41	16 12	4 54	20 43	0 38	6 8	1 57	8 29	0 53	21 8	0 39	11 45	1 32	2 58	0 42	13 34	1 45	22 43	12 18	14 10	14 2	12 45	13 38	6 33
T 10	19 54	18 37	4 27	21 20	0 48	6 34	1 57	8 46	0 52	21 6	0 39	11 44	1 32	2 57	0 42	13 35	1 45	22 43	12 19	14 13	14 3	12 47	13 37	6 33
W11	20 7	19 43	3 43	21 55	0 57	6 59	1 57	9 3	0 52	21 4	0 39	11 43	1 32	2 57	0 42	13 36	1 45	22 43	12 19	14 16	14 4	12 49	13 37	6 32
T 12	20 19	19 28	2 45	22 28	1 6	7 25	1 58	9 19	0 51	21 2	0 39	11 42	1 32	2 56	0 42	13 36	1 45	22 43	12 19	14 17	14 5	12 50	13 36	6 32
F 13	20 31	18 0	1 39	22 58	1 15	7 51	1 58	9 36	0 51	21 0	0 39	11 42	1 32	2 56	0 42	13 37	1 45	22 44	12 20	14 18	14 6	12 52	13 36	6 31
S 14	20 42	15 34	0 29	23 25	1 23	8 16	1 58	9 53	0 50	20 58	0 39	11 41	1 33	2 56	0 42	13 38	1 45	22 44	12 20	14 19	14 8	12 54	13 36	6 30
S 15	20 53	12 24	0s40	23 50	1 30	8 42	1 58	10 9	0 50	20 56	0 39	11 41	1 33	2 55	0 41	13 38	1 45	22 44	12 20	14 19	14 9	12 56	13 35	6 30
M16	21 4	8 44	1 45	24 13	1 37	9 7	1 58	10 25	0 49	20 54	0 39	11 40	1 33	2 55	0 41	13 39	1 45	22 44	12 21	14 19	14 10	12 57	13 34	6 29
T 17	21 15	4 47	2 43	24 32	1 43	9 32	1 58	10 41	0 49	20 52	0 39	11 40	1 33	2 54	0 41	13 39	1 45	22 45	12 21	14 19	14 11	12 59	13 34	6 29
W18	21 25	0 43	3 33	24 49	1 49	9 57	1 58	10 57	0 48	20 50	0 39	11 39	1 33	2 54	0 41	13 40	1 45	22 45	12 21	14 20	14 12	13 1	13 33	6 28
T 19	21 34	3n19	4 13	25 3	1 53	10 21	1 57	11 13	0 48	20 48	0 39	11 39	1 34	2 54	0 41	13 41	1 45	22 45	12 22	14 22	14 13	13 2	13 33	6 27
F 20	21 44	7 12	4 41	25 14	1 57	10 46	1 57	11 29	0 47	20 45	0 39	11 39	1 34	2 53	0 41	13 41	1 45	22 45	12 22	14 25	14 14	13 4	13 32	6 27
S 21	21 53	10 47	4 57	25 23	2 0	11 10	1 56	11 45	0 47	20 43	0 39	11 38	1 34	2 53	0 41	13 42	1 45	22 46	12 22	14 29	14 15	13 6	13 31	6 26
S 22	22 1	13 57	5 1	25 30	2 3	11 34	1 56	12 1	0 46	20 41	0 39	11 38	1 34	2 53	0 41	13 43	1 45	22 46	12 23	14 33	14 16	13 8	13 31	6 26
M23	22 9	16 34	4 51	25 34	2 5	11 58	1 55	12 16	0 46	20 39	0 39	11 38	1 35	2 52	0 41	13 43	1 45	22 46	12 23	14 37	14 17	13 9	13 30	6 25
T 24	22 17	18 29	4 28	25 35	2 6	12 22	1 54	12 31	0 45	20 36	0 39	11 38	1 35	2 52	0 41	13 44	1 45	22 47	12 23	14 41	14 18	13 11	13 29	6 25
W25	22 25	19 36	3 54	25 35	2 6	12 45	1 54	12 46	0 44	20 34	0 39	11 37	1 35	2 52	0 41	13 44	1 45	22 47	12 24	14 44	14 19	13 13	13 29	6 24
T 26	22 32	19 50	3 8	25 32	2 5	13 9	1 53	13 2	0 44	20 32	0 39	11 37	1 35	2 52	0 41	13 45	1 45	22 47	12 24	14 47	14 20	13 14	13 28	6 24
F 27	22 38	19 8	2 13	25 27	2 4	13 32	1 52	13 16	0 43	20 29	0 39	11 37	1 36	2 52	0 41	13 45	1 45	22 48	12 24	14 48	14 21	13 16	13 27	6 23
S 28	22 45	17 30	1 11	25 21	2 2	13 54	1 51	13 31	0 43	20 27	0 39	11 37	1 36	2 51	0 41	13 46	1 45	22 48	12 25	14 49	14 22	13 18	13 26	6 23
S 29	22 50	15 0	0 4	25 13	1 59	14 17	1 50	13 46	0 42	20 24	0 39	11 37	1 36	2 51	0 41	13 47	1 45	22 49	12 25	14 50	14 23	13 19	13 25	6 22
M30	22 56	11 42	1n 5	25 3	1 56	14 39	1 48	14 0	0 42	20 22	0 39	11 37	1 36	2 51	0 41	13 47	1 46	22 49	12 25	14 49	14 24	13 21	13 25	6 22
T 31	23n 1	7n44	2n12	24n51	1n51	15n 0	1s47	14n15	0s41	20n19	0n39	11s37	1s36	2s51	0n41	13n48	1s46	22s49	12s26	14n49	14n25	13n23	13n24	6s21

Julian Day Number = 2288046.5, Delta T = 174.82 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'37, Lahiri = 17°36'37 Julian Calendar 1 May 1552 == Greg. Calendar 11 May 1552

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1552
geocentric

JUNE 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 16 37	19♊41'01	29♍10	12♋49	17♉22	10♉52	2♌32	3♓51	8°R44	12♉ 1	0°R43	20°R 5	21♌18	22♉18	2♌54	W 1
T 2	17 20 34	20°38'16	13♎12	14°13	18°33	11°36	2°44	3°52	8♎44	12° 3	0♓42	20♌ 3	21°15	22°24	3° 0	T 2
F 3	17 24 31	21°35'29	27°38	15°34	19°44	12°20	2°55	3°52	8°44	12° 5	0°42	19°59	21°12	22°31	3° 6	F 3
S 4	17 28 27	22°32'43	12♏25	16°52	20°56	13° 3	3° 6	3°R52	8°44	12° 7	0°42	19°52	21° 9	22°38	3°13	S 4
S 5	17 32 24	23°29'55	27°27	18° 8	22° 7	13°46	3°18	3°52	8°44	12° 9	0°41	19°45	21° 5	22°45	3°19	S 5
M 6	17 36 20	24°27'07	12♐35	19°21	23°19	14°30	3°29	3°52	8°D44	12°10	0°41	19°36	21° 2	22°51	3°26	M 6
T 7	17 40 17	25°24'19	27°40	20°31	24°30	15°13	3°41	3°51	8°44	12°12	0°41	19°29	20°59	22°58	3°32	T 7
W 8	17 44 13	26°21'30	12♑30	21°38	25°41	15°56	3°52	3°51	8°44	12°14	0°40	19°23	20°56	23° 5	3°39	W 8
T 9	17 48 10	27°18'41	26°59	22°42	26°53	16°39	4° 4	3°51	8°44	12°16	0°40	19°19	20°53	23°11	3°45	T 9
F 10	17 52 6	28°15'52	11♒ 3	23°42	28° 5	17°22	4°16	3°50	8°44	12°17	0°39	19°17	20°50	23°18	3°52	F 10
S 11	17 56 3	29°13'03	24°38	24°40	29°16	18° 5	4°28	3°50	8°44	12°19	0°39	19°D16	20°46	23°25	3°59	S 11
S 12	18 0 0	0♋10'14	7♓46	25°34	0♊28	18°48	4°40	3°49	8°44	12°21	0°38	19°17	20°43	23°32	4° 6	S 12
M13	18 3 56	1° 7'25	20°30	26°24	1°40	19°31	4°52	3°48	8°45	12°22	0°38	19°18	20°40	23°38	4°13	M13
T 14	18 7 53	2° 4'36	2♈55	27°12	2°51	20°14	5° 4	3°47	8°45	12°24	0°37	19°R19	20°37	23°45	4°19	T 14
W15	18 11 49	3° 1'48	15° 5	27°55	4° 3	20°56	5°16	3°46	8°46	12°26	0°37	19°18	20°34	23°52	4°26	W15
T 16	18 15 46	3°58'59	27° 4	28°35	5°15	21°39	5°28	3°45	8°46	12°27	0°36	19°15	20°30	23°58	4°33	T 16
F 17	18 19 42	4°56'11	8♉57	29°10	6°27	22°22	5°40	3°44	8°47	12°29	0°36	19°11	20°27	24° 5	4°40	F 17
S 18	18 23 39	5°53'23	20°49	29°42	7°39	23° 4	5°52	3°43	8°47	12°30	0°35	19° 5	20°24	24°12	4°47	S 18
S 19	18 27 35	6°50'35	2♊42	0♌10	8°51	23°47	6° 4	3°41	8°48	12°32	0°34	18°58	20°21	24°19	4°54	S 19
M20	18 31 32	7°47'47	14°39	0°33	10° 3	24°29	6°17	3°40	8°48	12°33	0°34	18°50	20°18	24°25	5° 2	M20
T 21	18 35 29	8°45'00	26°42	0°52	11°15	25°11	6°29	3°38	8°49	12°35	0°33	18°43	20°15	24°32	5° 9	T 21
W22	18 39 25	9°42'12	8♋53	1° 6	12°27	25°53	6°41	3°37	8°50	12°36	0°32	18°37	20°11	24°39	5°16	W22
T 23	18 43 22	10°39'25	21°13	1°16	13°39	26°36	6°54	3°35	8°51	12°37	0°32	18°32	20° 8	24°46	5°23	T 23
F 24	18 47 18	11°36'38	3♌44	1°21	14°51	27°18	7° 6	3°33	8°52	12°39	0°31	18°29	20° 5	24°52	5°30	F 24
S 25	18 51 15	12°33'51	16°25	1°R21	16° 3	28° 0	7°19	3°31	8°53	12°40	0°30	18°D28	20° 2	24°59	5°38	S 25
S 26	18 55 11	13°31'05	29°19	1°16	17°15	28°42	7°31	3°29	8°54	12°41	0°29	18°29	19°59	25° 6	5°45	S 26
M27	18 59 8	14°28'18	12♍27	1° 7	18°28	29°24	7°44	3°27	8°55	12°43	0°29	18°30	19°56	25°12	5°52	M27
T 28	19 3 4	15°25'31	25°51	0°53	19°40	0♊ 5	7°56	3°25	8°56	12°44	0°28	18°31	19°52	25°19	6° 0	T 28
W29	19 7 1	16°22'44	9♎31	0°35	20°52	0°47	8° 9	3°22	8°57	12°45	0°27	18°32	19°49	25°26	6° 7	W29
T 30	19 10 58	17♋19'58	23♎29	0♌12	22♊ 5	1♊29	8♌22	3♓20	8♎58	12♉46	0♓26	18°R32	19♌46	25♉33	6♌14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 6	3n17	3n13	24n39	1n47	15n22	1s46	14n29	0s40	20n17	0n39	11s37	1s37	2s51	0n41	13n48	1s46	22s50	12s26	14n49	14n26	13n25	13n23	6s21
T 2	23 10	1s28	4 5	24 25	1 41	15 43	1 44	14 43	0 40	20 14	0 39	11 37	1 37	2 51	0 41	13 49	1 46	22 50	12 27	14 50	14 27	13 26	13 22	6 20
F 3	23 14	6 16	4 42	24 9	1 35	16 3	1 43	14 57	0 39	20 12	0 39	11 37	1 37	2 51	0 41	13 49	1 46	22 51	12 27	14 51	14 28	13 28	13 21	6 20
S 4	23 17	10 48	5 3	23 53	1 28	16 24	1 42	15 11	0 39	20 9	0 39	11 38	1 37	2 51	0 41	13 50	1 46	22 51	12 27	14 53	14 29	13 30	13 20	6 19
S 5	23 20	14 44	5 2	23 36	1 20	16 44	1 40	15 24	0 38	20 6	0 40	11 38	1 38	2 51	0 41	13 50	1 46	22 51	12 28	14 56	14 30	13 31	13 19	6 19
M 6	23 23	17 43	4 41	23 17	1 12	17 3	1 38	15 38	0 37	20 4	0 40	11 38	1 38	2 51	0 41	13 51	1 46	22 52	12 28	14 58	14 31	13 33	13 18	6 18
T 7	23 25	19 28	4 1	22 58	1 4	17 23	1 37	15 51	0 37	20 1	0 40	11 38	1 38	2 51	0 41	13 51	1 46	22 52	12 28	15 1	14 32	13 35	13 17	6 18
W 8	23 27	19 51	3 4	22 39	0 54	17 41	1 35	16 4	0 36	19 58	0 40	11 39	1 38	2 51	0 41	13 52	1 46	22 53	12 28	15 3	14 33	13 36	13 16	6 17
T 9	23 28	18 54	1 57	22 19	0 44	18 0	1 33	16 17	0 36	19 55	0 40	11 39	1 39	2 51	0 40	13 52	1 46	22 53	12 29	15 4	14 34	13 38	13 15	6 17
F 10	23 29	16 47	0 44	21 58	0 34	18 18	1 31	16 30	0 35	19 53	0 40	11 39	1 39	2 51	0 40	13 53	1 46	22 54	12 29	15 5	14 35	13 40	13 14	6 17
S 11	23 30	13 48	0s29	21 37	0 23	18 35	1 29	16 43	0 34	19 50	0 40	11 40	1 39	2 51	0 40	13 53	1 46	22 54	12 29	15 5	14 36	13 41	13 12	6 16
S 12	23 30	10 11	1 38	21 16	0 11	18 52	1 27	16 55	0 34	19 47	0 40	11 40	1 39	2 51	0 40	13 54	1 46	22 55	12 30	15 4	14 37	13 43	13 11	6 16
M13	23 29	6 13	2 40	20 55	0s 1	19 9	1 25	17 7	0 33	19 44	0 40	11 41	1 39	2 51	0 40	13 54	1 46	22 55	12 30	15 4	14 38	13 45	13 10	6 15
T 14	23 29	2 6	3 33	20 33	0 13	19 25	1 23	17 20	0 32	19 41	0 40	11 41	1 40	2 52	0 40	13 55	1 46	22 56	12 30	15 4	14 39	13 46	13 9	6 15
W15	23 28	2n 1	4 15	20 12	0 26	19 41	1 21	17 31	0 32	19 38	0 40	11 42	1 40	2 52	0 40	13 55	1 46	22 56	12 31	15 4	14 40	13 48	13 8	6 15
T 16	23 26	6 0	4 46	19 51	0 40	19 56	1 19	17 43	0 31	19 35	0 40	11 43	1 40	2 52	0 40	13 55	1 46	22 56	12 31	15 5	14 41	13 50	13 6	6 14
F 17	23 24	9 43	5 4	19 30	0 53	20 10	1 17	17 55	0 30	19 32	0 40	11 43	1 40	2 52	0 40	13 56	1 46	22 57	12 31	15 6	14 42	13 51	13 5	6 14
S 18	23 22	13 2	5 8	19 10	1 7	20 25	1 15	18 6	0 30	19 29	0 40	11 44	1 41	2 53	0 40	13 56	1 46	22 58	12 32	15 8	14 43	13 53	13 4	6 14
S 19	23 19	15 51	5 0	18 50	1 22	20 38	1 12	18 18	0 29	19 26	0 40	11 45	1 41	2 53	0 40	13 57	1 46	22 58	12 32	15 10	14 44	13 55	13 2	6 13
M20	23 16	18 0	4 38	18 31	1 37	20 51	1 10	18 29	0 28	19 23	0 40	11 45	1 41	2 53	0 40	13 57	1 46	22 59	12 32	15 13	14 45	13 56	13 1	6 13
T 21	23 12	19 23	4 4	18 12	1 51	21 4	1 8	18 40	0 27	19 20	0 40	11 46	1 41	2 54	0 40	13 58	1 46	22 59	12 32	15 15	14 46	13 58	13 0	6 13
W22	23 8	19 54	3 18	17 54	2 6	21 16	1 5	18 50	0 27	19 17	0 40	11 47	1 41	2 54	0 40	13 58	1 46	23 0	12 33	15 17	14 47	14 0	12 58	6 12
T 23	23 4	19 28	2 23	17 38	2 21	21 27	1 3	19 1	0 26	19 14	0 40	11 48	1 42	2 54	0 40	13 58	1 47	23 0	12 33	15 18	14 48	14 1	12 57	6 12
F 24	22 59	18 5	1 19	17 22	2 36	21 38	1 1	19 11	0 25	19 11	0 40	11 49	1 42	2 55	0 40	13 59	1 47	23 1	12 33	15 19	14 49	14 3	12 56	6 12
S 25	22 54	15 46	0 11	17 7	2 51	21 48	0 58	19 22	0 25	19 8	0 40	11 50	1 42	2 55	0 40	13 59	1 47	23 1	12 34	15 20	14 50	14 5	12 54	6 11
S 26	22 48	12 39	0n59	16 54	3 6	21 58	0 56	19 32	0 24	19 5	0 40	11 50	1 42	2 55	0 40	13 59	1 47	23 2	12 34	15 20	14 51	14 6	12 53	6 11
M27	22 42	8 52	2 7	16 42	3 20	22 7	0 53	19 41	0 23	19 2	0 40	11 51	1 42	2 56	0 40	14 0	1 47	23 2	12 34	15 19	14 52	14 8	12 51	6 11
T 28	22 36	4 33	3 10	16 32	3 34	22 15	0 50	19 51	0 22	18 58	0 40	11 52	1 43	2 56	0 40	14 0	1 47	23 3	12 34	15 19	14 53	14 10	12 50	6 11
W29	22 29	0s 3	4 3	16 23	3 47	22 23	0 48	20 0	0 22	18 55	0 40	11 53	1 43	2 57	0 40	14 0	1 47	23 3	12 35	15 18	14 54	14 11	12 48	6 10
T 30	22n22	4s45	4n44	16n15	3s59	22n30	0s45	20n10	0s21	18n52	0n40	11s55	1s43	2s57	0n40	14n 1	1s47	23s 4	12s35	15n18	14n55	14n13	12n47	6s10

Julian Day Number = 2288077.5, Delta T = 174.63 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'41, Lahiri = 17°36'41 Julian Calendar 1 June 1552 == Greg. Calendar 11 June 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

JULY 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 14 54	18♋17'11	7♏43	29°R45	23♊17	2♊10	8♌34	3°R18	8♎59	12♉48	0°R25	18°R31	19♌43	25♉39	6♌22	F 1
S 2	19 18 51	19°14'25	22°13	29♋14	24°30	2°52	8°47	3♓15	9° 1	12°49	0♓24	18♌29	19°40	25°46	6°29	S 2
S 3	19 22 47	20°11'39	6♐53	28°40	25°42	3°33	9° 0	3°12	9° 2	12°50	0°23	18°25	19°36	25°53	6°37	S 3
M 4	19 26 44	21° 8'53	21°38	28° 3	26°54	4°15	9°13	3°10	9° 3	12°51	0°22	18°21	19°33	26° 0	6°44	M 4
T 5	19 30 40	22° 6'08	6♑21	27°23	28° 7	4°56	9°26	3° 7	9° 5	12°52	0°22	18°18	19°30	26° 6	6°52	T 5
W 6	19 34 37	23° 3'23	20°54	26°42	29°20	5°37	9°38	3° 4	9° 6	12°53	0°21	18°15	19°27	26°13	7° 0	W 6
T 7	19 38 34	24° 0'39	5♒11	26° 0	0♋32	6°18	9°51	3° 1	9° 8	12°54	0°20	18°14	19°24	26°20	7° 7	T 7
F 8	19 42 30	24°57'55	19° 7	25°17	1°45	6°59	10° 4	2°58	9°10	12°55	0°19	18°D13	19°21	26°26	7°15	F 8
S 9	19 46 27	25°55'12	2♓40	24°35	2°58	7°40	10°17	2°55	9°11	12°56	0°18	18°14	19°17	26°33	7°22	S 9
S 10	19 50 23	26°52'30	15°50	23°55	4°10	8°21	10°30	2°52	9°13	12°57	0°17	18°15	19°14	26°40	7°30	S 10
M11	19 54 20	27°49'49	28°37	23°16	5°23	9° 2	10°43	2°49	9°15	12°58	0°16	18°16	19°11	26°47	7°38	M11
T 12	19 58 16	28°47'09	11♈ 5	22°40	6°36	9°43	10°56	2°45	9°16	12°59	0°15	18°18	19° 8	26°53	7°45	T 12
W13	20 2 13	29°44'30	23°17	22° 7	7°49	10°23	11° 9	2°42	9°18	12°59	0°13	18°18	19° 5	27° 0	7°53	W13
T 14	20 6 9	0♌41'52	5♉18	21°38	9° 2	11° 4	11°22	2°38	9°20	13° 0	0°12	18°R18	19° 2	27° 7	8° 1	T 14
F 15	20 10 6	1°39'15	17°13	21°14	10°15	11°45	11°35	2°35	9°22	13° 1	0°11	18°18	18°58	27°13	8° 8	F 15
S 16	20 14 2	2°36'39	29° 5	20°55	11°28	12°25	11°48	2°31	9°24	13° 2	0°10	18°16	18°55	27°20	8°16	S 16
S 17	20 17 59	3°34'05	11♊ 0	20°42	12°41	13° 5	12° 1	2°28	9°26	13° 2	0° 9	18°15	18°52	27°27	8°24	S 17
M18	20 21 56	4°31'31	23° 1	20°34	13°54	13°46	12°14	2°24	9°28	13° 3	0° 8	18°13	18°49	27°34	8°32	M18
T 19	20 25 52	5°28'59	5♋11	20°D33	15° 7	14°26	12°27	2°20	9°30	13° 4	0° 7	18°11	18°46	27°40	8°39	T 19
W20	20 29 49	6°26'28	17°32	20°38	16°20	15° 6	12°41	2°16	9°32	13° 4	0° 6	18° 9	18°42	27°47	8°47	W20
T 21	20 33 45	7°23'58	0♌ 6	20°49	17°33	15°46	12°54	2°12	9°35	13° 5	0° 5	18° 8	18°39	27°54	8°55	T 21
F 22	20 37 42	8°21'29	12°55	21° 8	18°46	16°26	13° 7	2° 9	9°37	13° 5	0° 3	18°D 8	18°36	28° 1	9° 3	F 22
S 23	20 41 38	9°19'01	25°57	21°33	20° 0	17° 6	13°20	2° 5	9°39	13° 6	0° 2	18° 8	18°33	28° 7	9°10	S 23
S 24	20 45 35	10°16'34	9♍14	22° 5	21°13	17°46	13°33	2° 0	9°41	13° 6	0° 1	18° 8	18°30	28°14	9°18	S 24
M25	20 49 32	11°14'08	22°43	22°43	22°26	18°25	13°46	1°56	9°44	13° 7	29♒59	18° 9	18°27	28°21	9°26	M25
T 26	20 53 28	12°11'43	6♎25	23°29	23°40	19° 5	13°59	1°52	9°46	13° 7	29°59	18° 9	18°23	28°27	9°34	T 26
W27	20 57 25	13° 9'19	20°18	24°20	24°53	19°45	14°12	1°48	9°49	13° 7	29°57	18°10	18°20	28°34	9°41	W27
T 28	21 1 21	14° 6'56	4♏21	25°19	26° 7	20°24	14°26	1°44	9°51	13° 8	29°56	18°10	18°17	28°41	9°49	T 28
F 29	21 5 18	15° 4'34	18°32	26°23	27°20	21° 3	14°39	1°40	9°54	13° 8	29°55	18°R10	18°14	28°48	9°57	F 29
S 30	21 9 14	16° 2'13	2♐49	27°34	28°34	21°43	14°52	1°35	9°56	13° 8	29°54	18°10	18°11	28°54	10° 5	S 30
S 31	21 13 11	16♌59'53	17♐ 9	28♋50	29♋47	22♊22	15♌ 5	1♓31	9♎59	13♉ 9	29♒53	18♌10	18♌ 8	29♉ 1	10♌12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n15	9s16	5n 7	16n10	4s11	22n37	0s43	20n19	0s20	18n48	0n40	11s56	1s43	2s58	0n40	14n 1	1s47	23s 4	12s35	15n19	14n56	14n15	12n45	6s10
S 2	22 7	13 20	5 12	16 6	4 21	22 43	0 40	20 28	0 20	18 45	0 40	11 57	1 44	2 58	0 40	14 1	1 47	23 5	12 35	15 19	14 57	14 16	12 43	6 10
S 3	21 58	16 38	4 57	16 3	4 31	22 48	0 37	20 36	0 19	18 42	0 40	11 58	1 44	2 59	0 39	14 2	1 47	23 6	12 36	15 21	14 58	14 18	12 42	6 9
M 4	21 50	18 52	4 22	16 3	4 39	22 53	0 35	20 45	0 18	18 38	0 40	11 59	1 44	3 0	0 39	14 2	1 47	23 6	12 36	15 22	14 59	14 20	12 40	6 9
T 5	21 41	19 51	3 30	16 4	4 45	22 57	0 32	20 53	0 17	18 35	0 40	12 0	1 44	3 0	0 39	14 2	1 47	23 7	12 36	15 23	15 0	14 21	12 39	6 9
W 6	21 31	19 29	2 24	16 7	4 50	23 0	0 30	21 1	0 16	18 32	0 40	12 1	1 44	3 1	0 39	14 2	1 47	23 7	12 36	15 24	15 1	14 23	12 37	6 9
T 7	21 21	17 52	1 11	16 11	4 54	23 3	0 27	21 9	0 16	18 28	0 40	12 3	1 44	3 2	0 39	14 3	1 47	23 8	12 37	15 24	15 2	14 24	12 35	6 9
F 8	21 11	15 12	0s 5	16 17	4 55	23 5	0 24	21 17	0 15	18 25	0 41	12 4	1 45	3 2	0 39	14 3	1 47	23 8	12 37	15 24	15 3	14 26	12 34	6 8
S 9	21 1	11 46	1 19	16 25	4 55	23 6	0 22	21 24	0 14	18 21	0 41	12 5	1 45	3 3	0 39	14 3	1 47	23 9	12 37	15 24	15 4	14 28	12 32	6 8
S 10	20 50	7 51	2 26	16 34	4 53	23 7	0 19	21 32	0 13	18 18	0 41	12 7	1 45	3 4	0 39	14 3	1 47	23 10	12 37	15 24	15 5	14 29	12 30	6 8
M11	20 39	3 41	3 24	16 44	4 50	23 7	0 16	21 39	0 13	18 14	0 41	12 8	1 45	3 4	0 39	14 3	1 47	23 10	12 38	15 23	15 6	14 31	12 28	6 8
T 12	20 27	0n32	4 11	16 55	4 44	23 6	0 13	21 46	0 12	18 11	0 41	12 9	1 45	3 5	0 39	14 4	1 48	23 11	12 38	15 23	15 7	14 33	12 27	6 8
W13	20 15	4 38	4 46	17 7	4 37	23 5	0 11	21 53	0 11	18 7	0 41	12 11	1 46	3 6	0 39	14 4	1 48	23 11	12 38	15 23	15 8	14 34	12 25	6 8
T 14	20 3	8 29	5 7	17 19	4 29	23 3	0 8	21 59	0 10	18 4	0 41	12 12	1 46	3 7	0 39	14 4	1 48	23 12	12 38	15 23	15 9	14 36	12 23	6 7
F 15	19 50	11 58	5 15	17 33	4 19	23 0	0 6	22 6	0 9	18 0	0 41	12 14	1 46	3 7	0 39	14 4	1 48	23 13	12 38	15 23	15 10	14 37	12 21	6 7
S 16	19 37	14 57	5 10	17 47	4 8	22 57	0 3	22 12	0 9	17 57	0 41	12 15	1 46	3 8	0 39	14 4	1 48	23 13	12 39	15 23	15 11	14 39	12 20	6 7
S 17	19 24	17 20	4 51	18 1	3 56	22 53	0 0	22 18	0 8	17 53	0 41	12 16	1 46	3 9	0 39	14 5	1 48	23 14	12 39	15 24	15 12	14 41	12 18	6 7
M18	19 11	19 0	4 19	18 15	3 42	22 48	0n 2	22 23	0 7	17 49	0 41	12 18	1 46	3 10	0 39	14 5	1 48	23 14	12 39	15 24	15 13	14 42	12 16	6 7
T 19	18 57	19 48	3 36	18 29	3 28	22 43	0 5	22 29	0 6	17 46	0 41	12 19	1 47	3 11	0 39	14 5	1 48	23 15	12 39	15 25	15 14	14 44	12 14	6 7
W20	18 42	19 41	2 41	18 43	3 13	22 37	0 8	22 34	0 5	17 42	0 41	12 21	1 47	3 12	0 39	14 5	1 48	23 15	12 39	15 26	15 15	14 46	12 12	6 7
T 21	18 28	18 35	1 38	18 57	2 58	22 31	0 10	22 40	0 4	17 39	0 41	12 23	1 47	3 12	0 39	14 5	1 48	23 16	12 39	15 26	15 16	14 47	12 10	6 7
F 22	18 13	16 31	0 29	19 10	2 42	22 23	0 13	22 45	0 4	17 35	0 41	12 24	1 47	3 13	0 39	14 5	1 48	23 17	12 40	15 26	15 17	14 49	12 8	6 7
S 23	17 58	13 35	0n43	19 22	2 26	22 15	0 15	22 49	0 3	17 31	0 41	12 26	1 47	3 14	0 39	14 5	1 48	23 17	12 40	15 26	15 18	14 50	12 6	6 7
S 24	17 42	9 54	1 54	19 33	2 9	22 7	0 18	22 54	0 2	17 27	0 41	12 27	1 47	3 15	0 39	14 5	1 48	23 18	12 40	15 26	15 19	14 52	12 4	6 6
M25	17 27	5 39	3 0	19 43	1 53	21 57	0 20	22 58	0 1	17 24	0 42	12 29	1 48	3 16	0 39	14 5	1 48	23 18	12 40	15 26	15 20	14 54	12 2	6 6
T 26	17 11	1 4	3 57	19 52	1 36	21 47	0 23	23 2	0 0	17 20	0 42	12 30	1 48	3 17	0 39	14 5	1 48	23 19	12 40	15 25	15 21	14 55	12 1	6 6
W27	16 54	3s37	4 40	19 59	1 20	21 37	0 25	23 6	0n 1	17 16	0 42	12 32	1 48	3 18	0 39	14 6	1 48	23 19	12 40	15 25	15 22	14 57	11 59	6 6
T 28	16 38	8 10	5 8	20 4	1 4	21 26	0 28	23 10	0 1	17 12	0 42	12 34	1 48	3 19	0 39	14 6	1 48	23 20	12 41	15 25	15 23	14 58	11 57	6 6
F 29	16 21	12 18	5 17	20 8	0 48	21 14	0 30	23 14	0 2	17 9	0 42	12 35	1 48	3 20	0 39	14 6	1 49	23 21	12 41	15 25	15 24	15 0	11 55	6 6
S 30	16 4	15 45	5 7	20 9	0 33	21 1	0 32	23 17	0 3	17 5	0 42	12 37	1 48	3 21	0 38	14 6	1 49	23 21	12 41	15 25	15 25	15 2	11 53	6 6
S 31	15n47	18s16	4n37	20n 8	0s19	20n48	0n35	23n21	0n 4	17n 1	0n42	12s39	1s48	3s22	0n38	14n 6	1s49	23s22	12s41	15n25	15n26	15n 3	11n50	6s 6

Julian Day Number = 2288107.5, Delta T = 174.46 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'45, Lahiri = 17°36'45 Julian Calendar 1 July 1552 == Greg. Calendar 11 July 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

AUGUST 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 17 7	17♌57'34	1♉28	0♌12	1♌ 1	23♊ 1	15♌18	1°R27	10♎ 1	13♉ 9	29°R51	18°D10	18♌ 4	29♉ 8	10♌20	M 1
T 2	21 21 4	18°55'16	15°43	1°39	2°14	23°40	15°31	1♓22	10° 4	13° 9	29♒50	18♌10	18° 1	29°14	10°28	T 2
W 3	21 25 1	19°52'59	29°50	3°11	3°28	24°19	15°44	1°18	10° 7	13° 9	29°49	18°10	17°58	29°21	10°36	W 3
T 4	21 28 57	20°50'43	13♒44	4°47	4°42	24°58	15°58	1°13	10° 9	13° 9	29°48	18°R10	17°55	29°28	10°43	T 4
F 5	21 32 54	21°48'29	27°23	6°27	5°55	25°36	16°11	1° 9	10°12	13° 9	29°46	18°10	17°52	29°35	10°51	F 5
S 6	21 36 50	22°46'17	10♓45	8°11	7° 9	26°15	16°24	1° 5	10°15	13° 9	29°45	18°10	17°48	29°41	10°59	S 6
S 7	21 40 47	23°44'05	23°48	9°58	8°23	26°54	16°37	1° 0	10°18	13°R 9	29°44	18° 9	17°45	29°48	11° 6	S 7
M 8	21 44 43	24°41'56	6♈32	11°48	9°37	27°32	16°50	0°56	10°21	13° 9	29°43	18° 8	17°42	29°55	11°14	M 8
T 9	21 48 40	25°39'48	19° 0	13°40	10°51	28°10	17° 3	0°51	10°24	13° 9	29°41	18° 7	17°39	0♊ 2	11°22	T 9
W10	21 52 36	26°37'42	1♉13	15°35	12° 4	28°49	17°16	0°46	10°27	13° 9	29°40	18° 7	17°36	0° 8	11°29	W10
T 11	21 56 33	27°35'37	13°15	17°30	13°18	29°27	17°29	0°42	10°30	13° 9	29°39	18° 6	17°33	0°15	11°37	T 11
F 12	22 0 29	28°33'35	25°10	19°27	14°32	0♋ 5	17°42	0°37	10°33	13° 9	29°37	18°D 5	17°29	0°22	11°45	F 12
S 13	22 4 26	29°31'34	7♊ 3	21°24	15°46	0°43	17°55	0°33	10°36	13° 9	29°36	18° 6	17°26	0°28	11°52	S 13
S 14	22 8 23	0♍29'36	18°58	23°22	17° 0	1°21	18° 8	0°28	10°39	13° 8	29°35	18° 6	17°23	0°35	12° 0	S 14
M15	22 12 19	1°27'39	1♋ 1	25°20	18°15	1°59	18°21	0°24	10°42	13° 8	29°34	18° 7	17°20	0°42	12° 7	M15
T 16	22 16 16	2°25'44	13°14	27°18	19°29	2°36	18°34	0°19	10°45	13° 8	29°32	18° 8	17°17	0°49	12°15	T 16
W17	22 20 12	3°23'51	25°42	29°16	20°43	3°14	18°47	0°15	10°48	13° 8	29°31	18°10	17°14	0°55	12°22	W17
T 18	22 24 9	4°22'00	8♌28	1♍13	21°57	3°51	19° 0	0°10	10°51	13° 7	29°30	18°10	17°10	1° 2	12°30	T 18
F 19	22 28 5	5°20'11	21°32	3°10	23°11	4°29	19°13	0° 5	10°55	13° 7	29°28	18°R11	17° 7	1° 9	12°37	F 19
S 20	22 32 2	6°18'23	4♍56	5° 5	24°26	5° 6	19°26	0° 1	10°58	13° 6	29°27	18°10	17° 4	1°15	12°45	S 20
S 21	22 35 58	7°16'38	18°38	7° 0	25°40	5°43	19°38	29♒56	11° 1	13° 6	29°26	18° 8	17° 1	1°22	12°52	S 21
M22	22 39 55	8°14'54	2♎35	8°55	26°54	6°20	19°51	29°52	11° 4	13° 5	29°25	18° 6	16°58	1°29	13° 0	M22
T 23	22 43 52	9°13'11	16°44	10°48	28° 8	6°57	20° 4	29°47	11° 8	13° 5	29°23	18° 3	16°54	1°36	13° 7	T 23
W24	22 47 48	10°11'30	1♏ 0	12°40	29°23	7°34	20°17	29°43	11°11	13° 4	29°22	18° 0	16°51	1°42	13°14	W24
T 25	22 51 45	11° 9'51	15°19	14°31	0♍37	8°11	20°30	29°38	11°15	13° 4	29°21	17°58	16°48	1°49	13°22	T 25
F 26	22 55 41	12° 8'14	29°37	16°21	1°52	8°47	20°42	29°34	11°18	13° 3	29°20	17°56	16°45	1°56	13°29	F 26
S 27	22 59 38	13° 6'38	13♐51	18° 9	3° 6	9°24	20°55	29°30	11°21	13° 3	29°18	17°D56	16°42	2° 2	13°36	S 27
S 28	23 3 34	14° 5'03	27°58	19°57	4°21	10° 0	21° 7	29°25	11°25	13° 2	29°17	17°56	16°39	2° 9	13°43	S 28
M29	23 7 31	15° 3'31	11♑57	21°44	5°35	10°37	21°20	29°21	11°28	13° 1	29°16	17°58	16°35	2°16	13°50	M29
T 30	23 11 27	16° 1'59	25°47	23°29	6°50	11°13	21°32	29°17	11°32	13° 0	29°15	17°59	16°32	2°23	13°57	T 30
W31	23 15 24	17♍ 0'30	9♒27	25♍14	8♍ 4	11♋49	21♌45	29♒12	11♎35	13♉ 0	29♒14	18♌ 0	16♌29	2♊29	14♌ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n29	19s38	3n51	20n 5	0s 4	20n35	0n37	23n24	0n 5	16n57	0n42	12s40	1s48	3s23	0n38	14n 6	1s49	23s22	12s41	15n25	15n27	15n 5	11n48	6s 6
T 2	15 11	19 45	2 50	19 59	0n 9	20 21	0 39	23 26	0 6	16 53	0 42	12 42	1 49	3 24	0 38	14 6	1 49	23 23	12 41	15 25	15 28	15 6	11 46	6 6
W 3	14 53	18 36	1 40	19 51	0 22	20 6	0 41	23 29	0 7	16 50	0 42	12 44	1 49	3 26	0 38	14 6	1 49	23 23	12 41	15 25	15 29	15 8	11 44	6 6
T 4	14 35	16 21	0 25	19 39	0 34	19 50	0 43	23 32	0 8	16 46	0 42	12 45	1 49	3 27	0 38	14 6	1 49	23 24	12 41	15 25	15 30	15 9	11 42	6 6
F 5	14 16	13 12	0s51	19 25	0 45	19 34	0 46	23 34	0 9	16 42	0 42	12 47	1 49	3 28	0 38	14 6	1 49	23 24	12 41	15 25	15 31	15 11	11 40	6 6
S 6	13 57	9 26	2 2	19 9	0 55	19 18	0 48	23 36	0 9	16 38	0 42	12 49	1 49	3 29	0 38	14 5	1 49	23 25	12 41	15 25	15 32	15 13	11 38	6 7
S 7	13 38	5 18	3 5	18 49	1 4	19 1	0 50	23 38	0 10	16 34	0 43	12 51	1 49	3 30	0 38	14 5	1 49	23 26	12 42	15 26	15 33	15 14	11 36	6 7
M 8	13 19	1 2	3 57	18 27	1 12	18 43	0 52	23 40	0 11	16 30	0 43	12 52	1 49	3 31	0 38	14 5	1 49	23 26	12 42	15 26	15 34	15 16	11 34	6 7
T 9	13 0	3n11	4 37	18 2	1 20	18 25	0 54	23 41	0 12	16 26	0 43	12 54	1 49	3 32	0 38	14 5	1 49	23 27	12 42	15 26	15 35	15 17	11 32	6 7
W10	12 40	7 11	5 3	17 35	1 26	18 6	0 55	23 43	0 13	16 23	0 43	12 56	1 49	3 34	0 38	14 5	1 49	23 27	12 42	15 26	15 36	15 19	11 30	6 7
T 11	12 20	10 50	5 15	17 5	1 32	17 47	0 57	23 44	0 14	16 19	0 43	12 57	1 49	3 35	0 38	14 5	1 49	23 28	12 42	15 27	15 37	15 20	11 27	6 7
F 12	12 0	14 1	5 14	16 33	1 36	17 27	0 59	23 45	0 15	16 15	0 43	12 59	1 49	3 36	0 38	14 5	1 49	23 28	12 42	15 27	15 38	15 22	11 25	6 7
S 13	11 40	16 37	4 59	15 59	1 40	17 7	1 1	23 46	0 16	16 11	0 43	13 1	1 50	3 37	0 38	14 5	1 49	23 29	12 42	15 27	15 39	15 24	11 23	6 7
S 14	11 19	18 31	4 32	15 23	1 43	16 46	1 2	23 46	0 17	16 7	0 43	13 2	1 50	3 38	0 38	14 5	1 49	23 29	12 42	15 26	15 40	15 25	11 21	6 7
M15	10 59	19 37	3 52	14 45	1 45	16 25	1 4	23 47	0 18	16 3	0 43	13 4	1 50	3 40	0 38	14 5	1 50	23 30	12 42	15 26	15 41	15 27	11 19	6 7
T 16	10 38	19 50	3 1	14 6	1 46	16 3	1 6	23 47	0 19	15 59	0 43	13 6	1 50	3 41	0 38	14 4	1 50	23 30	12 42	15 26	15 42	15 28	11 17	6 8
W17	10 17	19 4	2 1	13 25	1 47	15 41	1 7	23 47	0 20	15 55	0 43	13 7	1 50	3 42	0 38	14 4	1 50	23 31	12 42	15 25	15 43	15 30	11 15	6 8
T 18	9 56	17 20	0 53	12 44	1 47	15 18	1 9	23 47	0 21	15 51	0 44	13 9	1 50	3 43	0 38	14 4	1 50	23 31	12 42	15 25	15 44	15 31	11 12	6 8
F 19	9 35	14 39	0n19	12 1	1 46	14 55	1 10	23 47	0 22	15 47	0 44	13 11	1 50	3 45	0 38	14 4	1 50	23 32	12 42	15 25	15 44	15 33	11 10	6 8
S 20	9 13	11 8	1 31	11 17	1 45	14 32	1 11	23 46	0 23	15 43	0 44	13 12	1 50	3 46	0 38	14 4	1 50	23 32	12 42	15 25	15 45	15 34	11 8	6 8
S 21	8 52	6 58	2 40	10 33	1 43	14 8	1 13	23 46	0 24	15 39	0 44	13 14	1 50	3 47	0 38	14 4	1 50	23 33	12 42	15 26	15 46	15 36	11 6	6 8
M22	8 30	2 21	3 41	9 48	1 40	13 44	1 14	23 45	0 25	15 35	0 44	13 16	1 50	3 49	0 38	14 3	1 50	23 33	12 42	15 26	15 47	15 38	11 4	6 9
T 23	8 8	2s27	4 29	9 2	1 37	13 19	1 15	23 44	0 26	15 31	0 44	13 17	1 50	3 50	0 38	14 3	1 50	23 33	12 42	15 27	15 48	15 39	11 1	6 9
W24	7 46	7 9	5 0	8 16	1 34	12 54	1 16	23 43	0 27	15 28	0 44	13 19	1 50	3 51	0 38	14 3	1 50	23 34	12 42	15 28	15 49	15 41	10 59	6 9
T 25	7 24	11 28	5 14	7 29	1 30	12 29	1 17	23 42	0 28	15 24	0 44	13 21	1 50	3 53	0 38	14 3	1 50	23 34	12 42	15 29	15 50	15 42	10 57	6 9
F 26	7 1	15 6	5 8	6 43	1 25	12 3	1 18	23 41	0 29	15 20	0 44	13 22	1 50	3 54	0 38	14 3	1 50	23 35	12 42	15 29	15 51	15 44	10 55	6 9
S 27	6 39	17 50	4 43	5 56	1 21	11 37	1 19	23 39	0 30	15 16	0 45	13 24	1 50	3 55	0 38	14 2	1 50	23 35	12 42	15 30	15 52	15 45	10 52	6 10
S 28	6 17	19 28	4 1	5 9	1 16	11 11	1 20	23 38	0 31	15 12	0 45	13 25	1 50	3 57	0 38	14 2	1 50	23 36	12 42	15 29	15 53	15 47	10 50	6 10
M29	5 54	19 53	3 5	4 22	1 11	10 44	1 21	23 36	0 32	15 8	0 45	13 27	1 50	3 58	0 38	14 2	1 50	23 36	12 42	15 29	15 54	15 48	10 48	6 10
T 30	5 31	19 5	1 59	3 35	1 5	10 17	1 22	23 34	0 33	15 4	0 45	13 28	1 50	4 0	0 38	14 2	1 50	23 36	12 42	15 29	15 55	15 50	10 46	6 10
W31	5n 9	17s11	0n47	2n48	0n59	9n50	1n22	23n32	0n34	15n 0	0n45	13s30	1s50	4s 1	0n38	14n 1	1s50	23s37	12s42	15n28	15n56	15n51	10n44	6s11

Julian Day Number = 2288138.5, Delta T = 174.27 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'49, Lahiri = 17°36'50 Julian Calendar 1 Aug. 1552 == Greg. Calendar 11 Aug. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

SEPTEMBER 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 19 21	17♍59'02	22♒55	26♍57	9♍19	12♋25	21♌57	29°R 8	11♎39	12°R59	29°R12	18°R 0	16♌26	2♊36	14♌12	T 1
F 2	23 23 17	18°57'36	6♓11	28°39	10°33	13° 0	22°10	29♒ 4	11°42	12♉58	29♒11	17♌59	16°23	2°43	14°19	F 2
S 3	23 27 14	19°56'12	19°14	0♎21	11°48	13°36	22°22	29° 0	11°46	12°57	29°10	17°56	16°19	2°49	14°25	S 3
S 4	23 31 10	20°54'49	2♈ 3	2° 1	13° 3	14°12	22°34	28°56	11°49	12°56	29° 9	17°52	16°16	2°56	14°32	S 4
M 5	23 35 7	21°53'29	14°38	3°40	14°17	14°47	22°47	28°52	11°53	12°55	29° 8	17°46	16°13	3° 3	14°39	M 5
T 6	23 39 3	22°52'11	27° 1	5°19	15°32	15°22	22°59	28°48	11°57	12°55	29° 6	17°40	16°10	3°10	14°46	T 6
W 7	23 43 0	23°50'55	9♉11	6°56	16°47	15°58	23°11	28°44	12° 0	12°54	29° 5	17°34	16° 7	3°16	14°53	W 7
T 8	23 46 56	24°49'41	21°12	8°32	18° 1	16°33	23°23	28°40	12° 4	12°53	29° 4	17°29	16° 4	3°23	14°59	T 8
F 9	23 50 53	25°48'30	3♊ 6	10° 8	19°16	17° 8	23°35	28°36	12° 8	12°52	29° 3	17°25	16° 0	3°30	15° 6	F 9
S 10	23 54 49	26°47'20	14°57	11°42	20°31	17°42	23°47	28°33	12°11	12°51	29° 2	17°22	15°57	3°37	15°13	S 10
S 11	23 58 46	27°46'13	26°51	13°16	21°46	18°17	23°59	28°29	12°15	12°49	29° 1	17°D21	15°54	3°43	15°19	S 11
M12	0 2 43	28°45'09	8♋51	14°49	23° 1	18°52	24°11	28°25	12°19	12°48	29° 0	17°22	15°51	3°50	15°26	M12
T 13	0 6 39	29°44'06	21° 4	16°20	24°15	19°26	24°23	28°22	12°22	12°47	28°59	17°23	15°48	3°57	15°32	T 13
W14	0 10 36	0♎43'06	3♌33	17°51	25°30	20° 0	24°35	28°18	12°26	12°46	28°58	17°24	15°45	4° 3	15°39	W14
T 15	0 14 32	1°42'09	16°22	19°21	26°45	20°34	24°46	28°15	12°30	12°45	28°57	17°R25	15°41	4°10	15°45	T 15
F 16	0 18 29	2°41'13	29°36	20°51	28° 0	21° 8	24°58	28°11	12°34	12°44	28°56	17°24	15°38	4°17	15°51	F 16
S 17	0 22 25	3°40'20	13♍14	22°19	29°15	21°42	25°10	28° 8	12°37	12°43	28°55	17°22	15°35	4°24	15°58	S 17
S 18	0 26 22	4°39'28	27°17	23°46	0♎30	22°16	25°21	28° 5	12°41	12°41	28°54	17°17	15°32	4°30	16° 4	S 18
M19	0 30 18	5°38'39	11♎40	25°13	1°45	22°49	25°33	28° 2	12°45	12°40	28°53	17°10	15°29	4°37	16°10	M19
T 20	0 34 15	6°37'52	26°17	26°38	3° 0	23°23	25°44	27°59	12°49	12°39	28°52	17° 3	15°25	4°44	16°16	T 20
W21	0 38 12	7°37'07	11♏ 1	28° 3	4°15	23°56	25°55	27°56	12°52	12°37	28°51	16°55	15°22	4°50	16°22	W21
T 22	0 42 8	8°36'24	25°44	29°27	5°30	24°29	26° 7	27°53	12°56	12°36	28°50	16°48	15°19	4°57	16°28	T 22
F 23	0 46 5	9°35'42	10♐20	0♏49	6°45	25° 2	26°18	27°50	13° 0	12°35	28°49	16°42	15°16	5° 4	16°34	F 23
S 24	0 50 1	10°35'03	24°43	2°11	8° 0	25°34	26°29	27°47	13° 4	12°33	28°48	16°39	15°13	5°11	16°40	S 24
S 25	0 53 58	11°34'25	8♑50	3°31	9°15	26° 7	26°40	27°45	13° 7	12°32	28°47	16°D38	15°10	5°17	16°45	S 25
M26	0 57 54	12°33'49	22°40	4°51	10°30	26°39	26°51	27°42	13°11	12°31	28°46	16°38	15° 6	5°24	16°51	M26
T 27	1 1 51	13°33'15	6♒14	6° 9	11°45	27°11	27° 2	27°39	13°15	12°29	28°45	16°39	15° 3	5°31	16°57	T 27
W28	1 5 47	14°32'42	19°33	7°26	13° 0	27°43	27°12	27°37	13°19	12°28	28°45	16°R39	15° 0	5°37	17° 2	W28
T 29	1 9 44	15°32'11	2♓39	8°41	14°15	28°15	27°23	27°35	13°23	12°26	28°44	16°38	14°57	5°44	17° 8	T 29
F 30	1 13 41	16♎31'42	15♓33	9♏55	15♎31	28♋47	27♌34	27♒33	13♎26	12♉25	28♒43	16♌34	14♌54	5♊51	17♌13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n46	14s20	0s27	2n 2	0n53	9n23	1n23	23n29	0n35	14n56	0n45	13s31	1s50	4s 2	0n38	14n 1	1s50	23s37	12s42	15n28	15n57	15n53	10n41	6s11
F 2	4 23	10 47	1 38	1 15	0 47	8 55	1 24	23 27	0 36	14 52	0 45	13 33	1 50	4 4	0 38	14 1	1 51	23 38	12 42	15 29	15 58	15 54	10 39	6 11
S 3	4 0	6 46	2 42	0 29	0 41	8 27	1 24	23 25	0 37	14 48	0 45	13 34	1 50	4 5	0 38	14 0	1 51	23 38	12 42	15 29	15 59	15 56	10 37	6 11
S 4	3 37	2 30	3 37	0s17	0 34	7 59	1 25	23 22	0 38	14 44	0 46	13 36	1 50	4 7	0 38	14 0	1 51	23 38	12 42	15 31	16 0	15 57	10 35	6 12
M 5	3 13	1n47	4 21	1 3	0 27	7 30	1 25	23 19	0 39	14 40	0 46	13 37	1 50	4 8	0 38	14 0	1 51	23 39	12 41	15 33	16 1	15 59	10 32	6 12
T 6	2 50	5 55	4 51	1 48	0 21	7 1	1 25	23 16	0 40	14 37	0 46	13 38	1 50	4 9	0 38	13 59	1 51	23 39	12 41	15 34	16 2	16 0	10 30	6 12
W 7	2 27	9 44	5 7	2 33	0 14	6 33	1 25	23 13	0 41	14 33	0 46	13 40	1 50	4 11	0 38	13 59	1 51	23 39	12 41	15 36	16 3	16 2	10 28	6 13
T 8	2 4	13 7	5 10	3 18	0 7	6 3	1 26	23 10	0 42	14 29	0 46	13 41	1 50	4 12	0 38	13 59	1 51	23 40	12 41	15 38	16 4	16 3	10 26	6 13
F 9	1 40	15 56	4 59	4 2	0s 1	5 34	1 26	23 7	0 43	14 25	0 46	13 42	1 50	4 14	0 38	13 58	1 51	23 40	12 41	15 39	16 5	16 5	10 23	6 13
S 10	1 17	18 5	4 35	4 45	0 8	5 5	1 26	23 3	0 44	14 21	0 46	13 44	1 50	4 15	0 38	13 58	1 51	23 40	12 41	15 40	16 6	16 6	10 21	6 14
S 11	0 53	19 28	4 0	5 29	0 15	4 35	1 26	23 0	0 46	14 17	0 46	13 45	1 50	4 17	0 38	13 58	1 51	23 41	12 41	15 40	16 6	16 8	10 19	6 14
M12	0 30	19 59	3 14	6 12	0 22	4 5	1 26	22 56	0 47	14 13	0 47	13 46	1 50	4 18	0 37	13 57	1 51	23 41	12 41	15 40	16 7	16 9	10 17	6 14
T 13	0 6	19 34	2 18	6 54	0 30	3 36	1 25	22 52	0 48	14 10	0 47	13 47	1 50	4 20	0 37	13 57	1 51	23 41	12 41	15 40	16 8	16 11	10 15	6 15
W14	0s17	18 12	1 14	7 35	0 37	3 6	1 25	22 48	0 49	14 6	0 47	13 49	1 50	4 21	0 37	13 57	1 51	23 41	12 40	15 39	16 9	16 12	10 12	6 15
T 15	0 41	15 53	0 6	8 17	0 44	2 35	1 25	22 44	0 50	14 2	0 47	13 50	1 50	4 22	0 37	13 56	1 51	23 42	12 40	15 39	16 10	16 14	10 10	6 15
F 16	1 4	12 40	1n 5	8 57	0 52	2 5	1 24	22 40	0 51	13 58	0 47	13 51	1 50	4 24	0 37	13 56	1 51	23 42	12 40	15 39	16 11	16 15	10 8	6 16
S 17	1 28	8 40	2 15	9 37	0 59	1 35	1 24	22 36	0 52	13 54	0 47	13 52	1 50	4 25	0 37	13 55	1 51	23 42	12 40	15 40	16 12	16 17	10 6	6 16
S 18	1 51	4 7	3 18	10 16	1 6	1 5	1 24	22 32	0 54	13 51	0 47	13 53	1 50	4 27	0 37	13 55	1 51	23 42	12 40	15 42	16 13	16 18	10 4	6 17
M19	2 15	0s47	4 10	10 55	1 13	0 34	1 23	22 28	0 55	13 47	0 48	13 54	1 50	4 28	0 37	13 55	1 51	23 43	12 40	15 44	16 14	16 20	10 2	6 17
T 20	2 38	5 43	4 47	11 33	1 20	0 4	1 22	22 23	0 56	13 43	0 48	13 55	1 50	4 30	0 37	13 54	1 51	23 43	12 40	15 46	16 15	16 21	9 59	6 17
W21	3 2	10 20	5 5	12 10	1 27	0s27	1 22	22 18	0 57	13 40	0 48	13 56	1 50	4 31	0 37	13 54	1 51	23 43	12 39	15 48	16 16	16 23	9 57	6 18
T 22	3 25	14 20	5 3	12 46	1 34	0 57	1 21	22 14	0 58	13 36	0 48	13 57	1 49	4 33	0 37	13 53	1 51	23 43	12 39	15 50	16 17	16 24	9 55	6 18
F 23	3 49	17 25	4 41	13 22	1 41	1 28	1 20	22 9	0 59	13 32	0 48	13 58	1 49	4 34	0 37	13 53	1 51	23 43	12 39	15 52	16 18	16 26	9 53	6 19
S 24	4 12	19 22	4 2	13 57	1 48	1 58	1 19	22 4	1 1	13 29	0 48	13 59	1 49	4 36	0 37	13 52	1 51	23 44	12 39	15 53	16 19	16 27	9 51	6 19
S 25	4 35	20 4	3 8	14 31	1 54	2 28	1 18	21 59	1 2	13 25	0 49	14 0	1 49	4 37	0 37	13 52	1 52	23 44	12 39	15 53	16 20	16 29	9 49	6 20
M26	4 59	19 32	2 5	15 4	2 1	2 59	1 17	21 54	1 3	13 21	0 49	14 0	1 49	4 39	0 37	13 51	1 52	23 44	12 39	15 53	16 21	16 30	9 47	6 20
T 27	5 22	17 52	0 56	15 36	2 7	3 29	1 16	21 49	1 4	13 18	0 49	14 1	1 49	4 40	0 37	13 51	1 52	23 44	12 38	15 53	16 22	16 31	9 45	6 20
W28	5 45	15 14	0s16	16 7	2 13	4 0	1 15	21 44	1 6	13 14	0 49	14 2	1 49	4 42	0 37	13 51	1 52	23 44	12 38	15 53	16 22	16 33	9 43	6 21
T 29	6 8	11 52	1 24	16 37	2 19	4 30	1 14	21 39	1 7	13 11	0 49	14 3	1 49	4 43	0 37	13 50	1 52	23 44	12 38	15 53	16 23	16 34	9 40	6 21
F 30	6s31	7s59	2s28	17s 6	2s24	5s 0	1n13	21n34	1n 8	13n 7	0n49	14s 3	1s49	4s45	0n37	13n50	1s52	23s44	12s38	15n54	16n24	16n36	9n38	6s22

Julian Day Number = 2288169.5, Delta T = 174.09 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'53, Lahiri = 17°36'54 Julian Calendar 1 Sept. 1552 == Greg. Calendar 11 Sept. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

OCTOBER 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 17 37	17♎31'15	28♓15	11♏ 8	16♎46	29♋18	27♌44	27°R30	13♎30	12°R23	28°R42	16°R28	14♌50	5♊58	17♌18	S 1
S 2	1 21 34	18°30'50	10♈48	12°18	18° 1	29°50	27°55	27♒28	13°34	12♉22	28♒41	16♌19	14°47	6° 4	17°24	S 2
M 3	1 25 30	19°30'27	23°10	13°27	19°16	0♌21	28° 5	27°26	13°38	12°20	28°41	16° 8	14°44	6°11	17°29	M 3
T 4	1 29 27	20°30'06	5♉23	14°34	20°31	0°52	28°15	27°25	13°41	12°19	28°40	15°56	14°41	6°18	17°34	T 4
W 5	1 33 23	21°29'47	17°28	15°39	21°46	1°22	28°25	27°23	13°45	12°17	28°39	15°44	14°38	6°24	17°39	W 5
T 6	1 37 20	22°29'30	29°25	16°41	23° 1	1°53	28°35	27°21	13°49	12°16	28°39	15°32	14°35	6°31	17°44	T 6
F 7	1 41 16	23°29'15	11♊17	17°41	24°17	2°23	28°45	27°20	13°53	12°14	28°38	15°23	14°31	6°38	17°49	F 7
S 8	1 45 13	24°29'03	23° 7	18°37	25°32	2°53	28°55	27°18	13°56	12°13	28°37	15°15	14°28	6°44	17°53	S 8
S 9	1 49 10	25°28'53	4♋58	19°31	26°47	3°23	29° 5	27°17	14° 0	12°11	28°37	15°11	14°25	6°51	17°58	S 9
M10	1 53 6	26°28'45	16°55	20°20	28° 2	3°53	29°15	27°16	14° 4	12° 9	28°36	15° 9	14°22	6°58	18° 3	M10
T 11	1 57 3	27°28'39	29° 4	21° 6	29°17	4°23	29°24	27°14	14° 8	12° 8	28°36	15°D 9	14°19	7° 5	18° 7	T 11
W12	2 0 59	28°28'35	11♌29	21°47	0♏33	4°52	29°34	27°13	14°11	12° 6	28°35	15°R 9	14°16	7°11	18°12	W12
T 13	2 4 56	29°28'34	24°15	22°23	1°48	5°21	29°43	27°12	14°15	12° 4	28°35	15° 9	14°12	7°18	18°16	T 13
F 14	2 8 52	0♏28'34	7♍28	22°54	3° 3	5°50	29°52	27°12	14°19	12° 3	28°34	15° 7	14° 9	7°25	18°20	F 14
S 15	2 12 49	1°28'37	21° 9	23°19	4°18	6°18	0♍ 2	27°11	14°22	12° 1	28°34	15° 2	14° 6	7°31	18°24	S 15
S 16	2 16 45	2°28'42	5♎20	23°37	5°34	6°47	0°11	27°10	14°26	11°59	28°33	14°55	14° 3	7°38	18°28	S 16
M17	2 20 42	3°28'49	19°56	23°47	6°49	7°15	0°19	27°10	14°30	11°58	28°33	14°46	14° 0	7°45	18°32	M17
T 18	2 24 38	4°28'58	4♏53	23°R50	8° 4	7°42	0°28	27° 9	14°33	11°56	28°32	14°35	13°56	7°52	18°36	T 18
W19	2 28 35	5°29'09	20° 1	23°44	9°19	8°10	0°37	27° 9	14°37	11°54	28°32	14°23	13°53	7°58	18°40	W19
T 20	2 32 32	6°29'21	5♐ 9	23°29	10°35	8°37	0°45	27° 9	14°40	11°53	28°32	14°13	13°50	8° 5	18°44	T 20
F 21	2 36 28	7°29'36	20° 7	23° 4	11°50	9° 4	0°54	27° 8	14°44	11°51	28°31	14° 4	13°47	8°12	18°47	F 21
S 22	2 40 25	8°29'52	4♑47	22°29	13° 5	9°31	1° 2	27°D 8	14°47	11°49	28°31	13°58	13°44	8°18	18°51	S 22
S 23	2 44 21	9°30'09	19° 6	21°45	14°21	9°58	1°10	27° 8	14°51	11°48	28°31	13°55	13°41	8°25	18°54	S 23
M24	2 48 18	10°30'28	3♒ 0	20°51	15°36	10°24	1°18	27° 9	14°55	11°46	28°31	13°54	13°37	8°32	18°58	M24
T 25	2 52 14	11°30'48	16°31	19°48	16°51	10°50	1°26	27° 9	14°58	11°44	28°30	13°54	13°34	8°39	19° 1	T 25
W26	2 56 11	12°31'09	29°41	18°38	18° 6	11°15	1°34	27° 9	15° 1	11°43	28°30	13°54	13°31	8°45	19° 4	W26
T 27	3 0 7	13°31'32	12♓34	17°22	19°22	11°41	1°42	27°10	15° 5	11°41	28°30	13°52	13°28	8°52	19° 7	T 27
F 28	3 4 4	14°31'57	25°12	16° 3	20°37	12° 6	1°49	27°10	15° 8	11°39	28°30	13°47	13°25	8°59	19°10	F 28
S 29	3 8 1	15°32'22	7♈39	14°42	21°52	12°30	1°57	27°11	15°12	11°38	28°30	13°39	13°22	9° 5	19°13	S 29
S 30	3 11 57	16°32'50	19°56	13°23	23° 8	12°55	2° 4	27°12	15°15	11°36	28°30	13°28	13°18	9°12	19°15	S 30
M31	3 15 54	17♏33'18	2♉ 6	12♏ 8	24♏23	13♌19	2♍11	27♒13	15♎18	11♉34	28♒30	13♌15	13♌15	9♊19	19♌18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s54	3s48	3s23	17s34	2s30	5s30	1n12	21n29	1n 9	13n 4	0n50	14s 4	1s49	4s46	0n37	13n49	1s52	23s44	12s38	15n56	16n25	16n37	9n36	6s22
S 2	7 16	0n30	4 7	18 1	2 35	6 0	1 10	21 23	1 11	13 0	0 50	14 5	1 49	4 47	0 37	13 49	1 52	23 45	12 37	15 59	16 26	16 39	9 34	6 23
M 3	7 39	4 43	4 39	18 27	2 39	6 30	1 9	21 18	1 12	12 57	0 50	14 5	1 49	4 49	0 37	13 48	1 52	23 45	12 37	16 2	16 27	16 40	9 32	6 23
T 4	8 2	8 41	4 57	18 51	2 44	6 59	1 8	21 12	1 13	12 53	0 50	14 6	1 49	4 50	0 37	13 48	1 52	23 45	12 37	16 6	16 28	16 42	9 30	6 24
W 5	8 24	12 15	5 2	19 14	2 48	7 29	1 6	21 7	1 15	12 50	0 50	14 6	1 48	4 52	0 37	13 47	1 52	23 45	12 37	16 10	16 29	16 43	9 28	6 24
T 6	8 46	15 18	4 54	19 36	2 51	7 58	1 5	21 1	1 16	12 47	0 50	14 7	1 48	4 53	0 37	13 47	1 52	23 45	12 37	16 13	16 30	16 45	9 26	6 25
F 7	9 9	17 41	4 32	19 56	2 54	8 28	1 3	20 56	1 17	12 43	0 51	14 7	1 48	4 55	0 37	13 46	1 52	23 45	12 36	16 16	16 31	16 46	9 24	6 25
S 8	9 31	19 20	3 59	20 14	2 57	8 57	1 1	20 50	1 19	12 40	0 51	14 8	1 48	4 56	0 37	13 46	1 52	23 45	12 36	16 18	16 32	16 47	9 23	6 26
S 9	9 53	20 8	3 16	20 31	2 58	9 25	1 0	20 44	1 20	12 37	0 51	14 8	1 48	4 58	0 37	13 45	1 52	23 45	12 36	16 19	16 33	16 49	9 21	6 27
M10	10 14	20 3	2 24	20 46	3 0	9 54	0 58	20 39	1 21	12 34	0 51	14 8	1 48	4 59	0 37	13 45	1 52	23 45	12 36	16 20	16 34	16 50	9 19	6 27
T 11	10 36	19 1	1 24	20 58	3 0	10 22	0 56	20 33	1 23	12 31	0 51	14 9	1 48	5 1	0 37	13 44	1 52	23 45	12 36	16 20	16 35	16 52	9 17	6 28
W12	10 57	17 4	0 19	21 9	3 0	10 50	0 54	20 27	1 24	12 27	0 52	14 9	1 48	5 2	0 37	13 44	1 52	23 45	12 35	16 20	16 35	16 53	9 15	6 28
T 13	11 19	14 13	0n48	21 18	2 59	11 18	0 52	20 22	1 26	12 24	0 52	14 9	1 48	5 3	0 37	13 43	1 52	23 45	12 35	16 20	16 36	16 55	9 13	6 29
F 14	11 40	10 34	1 55	21 24	2 57	11 46	0 51	20 16	1 27	12 21	0 52	14 9	1 47	5 5	0 37	13 43	1 52	23 45	12 35	16 20	16 37	16 56	9 11	6 29
S 15	12 1	6 15	2 58	21 27	2 54	12 13	0 49	20 10	1 28	12 18	0 52	14 10	1 47	5 6	0 37	13 42	1 52	23 45	12 35	16 22	16 38	16 57	9 10	6 30
S 16	12 22	1 26	3 52	21 28	2 50	12 40	0 47	20 4	1 30	12 15	0 52	14 10	1 47	5 8	0 37	13 42	1 52	23 45	12 34	16 24	16 39	16 59	9 8	6 30
M17	12 42	3s36	4 33	21 25	2 44	13 7	0 45	19 59	1 31	12 12	0 53	14 10	1 47	5 9	0 37	13 41	1 52	23 45	12 34	16 27	16 40	17 0	9 6	6 31
T 18	13 3	8 31	4 56	21 19	2 38	13 33	0 43	19 53	1 33	12 9	0 53	14 10	1 47	5 10	0 37	13 41	1 52	23 44	12 34	16 30	16 41	17 2	9 4	6 32
W19	13 23	12 59	4 59	21 10	2 29	14 0	0 41	19 47	1 34	12 6	0 53	14 10	1 47	5 12	0 37	13 40	1 52	23 44	12 34	16 33	16 42	17 3	9 3	6 32
T 20	13 43	16 36	4 41	20 56	2 20	14 25	0 38	19 41	1 36	12 4	0 53	14 10	1 47	5 13	0 37	13 40	1 52	23 44	12 33	16 36	16 43	17 4	9 1	6 33
F 21	14 3	19 5	4 4	20 39	2 8	14 51	0 36	19 36	1 37	12 1	0 53	14 10	1 47	5 15	0 37	13 39	1 52	23 44	12 33	16 39	16 44	17 6	8 59	6 33
S 22	14 22	20 14	3 11	20 17	1 55	15 16	0 34	19 30	1 39	11 58	0 54	14 10	1 47	5 16	0 37	13 38	1 52	23 44	12 33	16 40	16 45	17 7	8 58	6 34
S 23	14 41	20 2	2 7	19 51	1 40	15 40	0 32	19 24	1 40	11 55	0 54	14 10	1 46	5 17	0 37	13 38	1 52	23 44	12 33	16 41	16 46	17 9	8 56	6 35
M24	15 1	18 36	0 57	19 21	1 24	16 4	0 30	19 19	1 42	11 53	0 54	14 9	1 46	5 19	0 37	13 37	1 52	23 44	12 32	16 42	16 46	17 10	8 54	6 35
T 25	15 19	16 9	0s14	18 47	1 6	16 28	0 27	19 13	1 44	11 50	0 54	14 9	1 46	5 20	0 37	13 37	1 52	23 44	12 32	16 42	16 47	17 11	8 53	6 36
W26	15 38	12 54	1 22	18 10	0 47	16 52	0 25	19 7	1 45	11 47	0 54	14 9	1 46	5 21	0 37	13 36	1 52	23 43	12 32	16 42	16 48	17 13	8 51	6 37
T 27	15 56	9 6	2 25	17 29	0 27	17 15	0 23	19 2	1 47	11 45	0 55	14 9	1 46	5 23	0 37	13 36	1 52	23 43	12 32	16 42	16 49	17 14	8 50	6 37
F 28	16 14	4 57	3 19	16 47	0 6	17 37	0 21	18 56	1 48	11 42	0 55	14 8	1 46	5 24	0 37	13 35	1 52	23 43	12 31	16 44	16 50	17 15	8 48	6 38
S 29	16 32	0 41	4 3	16 3	0n15	17 59	0 18	18 51	1 50	11 40	0 55	14 8	1 46	5 25	0 37	13 35	1 52	23 43	12 31	16 46	16 51	17 17	8 47	6 38
S 30	16 49	3n34	4 35	15 20	0 35	18 20	0 16	18 46	1 52	11 38	0 55	14 8	1 46	5 27	0 38	13 34	1 52	23 43	12 31	16 49	16 52	17 18	8 45	6 39
M31	17s 7	7n38	4s54	14s39	0n54	18s41	0n14	18n40	1n53	11n35	0n56	14s 7	1s45	5s28	0n38	13n34	1s52	23s42	12s30	16n53	16n53	17n20	8n44	6s40

Julian Day Number = 2288199.5, Delta T = 173.92 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'58, Lahiri = 17°36'58 Julian Calendar 1 Oct. 1552 == Greg. Calendar 11 Oct. 1552

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1552
geocentric

NOVEMBER 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 19 50	18♏33'49	14♉ 9	11°R 0	25♏38	13♌43	2♍18	27♒14	15♎22	11°R33	28°R29	13°R 1	13♌12	9♊26	19♌20	T 1
W 2	3 23 47	19°34'20	26° 7	10♏ 0	26°53	14° 6	2°25	27°15	15°25	11♉31	28°D29	12♌46	13° 9	9°32	19°23	W 2
T 3	3 27 43	20°34'54	8♊ 1	9°10	28° 9	14°29	2°32	27°16	15°28	11°29	28♒29	12°32	13° 6	9°39	19°25	T 3
F 4	3 31 40	21°35'29	19°51	8°31	29°24	14°52	2°38	27°18	15°32	11°28	28°30	12°20	13° 2	9°46	19°27	F 4
S 5	3 35 36	22°36'05	1♋41	8° 4	0♐39	15°14	2°44	27°19	15°35	11°26	28°30	12°11	12°59	9°52	19°29	S 5
S 6	3 39 33	23°36'44	13°33	7°48	1°55	15°36	2°51	27°21	15°38	11°24	28°30	12° 5	12°56	9°59	19°31	S 6
M 7	3 43 30	24°37'24	25°30	7°D44	3°10	15°58	2°57	27°22	15°41	11°23	28°30	12° 2	12°53	10° 6	19°33	M 7
T 8	3 47 26	25°38'05	7♌37	7°51	4°25	16°19	3° 3	27°24	15°44	11°21	28°30	12°D 1	12°50	10°13	19°35	T 8
W 9	3 51 23	26°38'48	19°58	8° 8	5°40	16°40	3° 9	27°26	15°47	11°19	28°30	12° 1	12°47	10°19	19°37	W 9
T 10	3 55 19	27°39'33	2♍39	8°34	6°56	17° 1	3°14	27°28	15°51	11°18	28°30	12°R 1	12°43	10°26	19°38	T 10
F 11	3 59 16	28°40'19	15°44	9° 8	8°11	17°21	3°20	27°30	15°54	11°16	28°30	12° 0	12°40	10°33	19°40	F 11
S 12	4 3 12	29°41'07	29°18	9°50	9°26	17°40	3°25	27°32	15°57	11°14	28°31	11°56	12°37	10°39	19°41	S 12
S 13	4 7 9	0♐41'56	13♎22	10°39	10°42	18° 0	3°30	27°34	16° 0	11°13	28°31	11°50	12°34	10°46	19°42	S 13
M14	4 11 5	1°42'47	27°56	11°33	11°57	18°18	3°35	27°37	16° 2	11°11	28°31	11°42	12°31	10°53	19°43	M14
T 15	4 15 2	2°43'39	12♏54	12°33	13°12	18°37	3°40	27°39	16° 5	11°10	28°32	11°32	12°27	10°59	19°44	T 15
W16	4 18 59	3°44'33	28° 9	13°37	14°28	18°55	3°44	27°42	16° 8	11° 8	28°32	11°21	12°24	11° 6	19°45	W16
T 17	4 22 55	4°45'27	13♐30	14°45	15°43	19°12	3°49	27°44	16°11	11° 7	28°32	11°11	12°21	11°13	19°46	T 17
F 18	4 26 52	5°46'23	28°44	15°56	16°58	19°29	3°53	27°47	16°14	11° 5	28°33	11° 3	12°18	11°20	19°47	F 18
S 19	4 30 48	6°47'20	13♑43	17°10	18°13	19°45	3°57	27°50	16°17	11° 4	28°33	10°58	12°15	11°26	19°47	S 19
S 20	4 34 45	7°48'18	28°17	18°26	19°29	20° 1	4° 1	27°53	16°19	11° 2	28°34	10°55	12°12	11°33	19°48	S 20
M21	4 38 41	8°49'16	12♒24	19°45	20°44	20°17	4° 5	27°56	16°22	11° 1	28°34	10°D54	12° 8	11°40	19°48	M21
T 22	4 42 38	9°50'15	26° 4	21° 5	21°59	20°32	4° 9	27°59	16°25	10°59	28°35	10°55	12° 5	11°46	19°48	T 22
W23	4 46 34	10°51'14	9♓18	22°27	23°15	20°46	4°12	28° 2	16°27	10°58	28°35	10°R55	12° 2	11°53	19°R48	W23
T 24	4 50 31	11°52'14	22° 9	23°51	24°30	21° 0	4°15	28° 5	16°30	10°56	28°36	10°55	11°59	12° 0	19°48	T 24
F 25	4 54 28	12°53'15	4♈42	25°15	25°45	21°13	4°18	28° 9	16°32	10°55	28°36	10°52	11°56	12° 7	19°48	F 25
S 26	4 58 24	13°54'16	17° 1	26°41	27° 0	21°26	4°21	28°12	16°35	10°54	28°37	10°47	11°53	12°13	19°48	S 26
S 27	5 2 21	14°55'18	29° 9	28° 7	28°16	21°38	4°24	28°16	16°37	10°52	28°37	10°40	11°49	12°20	19°47	S 27
M28	5 6 17	15°56'20	11♉ 9	29°34	29°31	21°50	4°26	28°20	16°40	10°51	28°38	10°30	11°46	12°27	19°47	M28
T 29	5 10 14	16°57'23	23° 5	1♐ 2	0♑46	22° 1	4°29	28°23	16°42	10°50	28°39	10°20	11°43	12°33	19°46	T 29
W30	5 14 10	17♐58'27	4♊58	2♐31	2♑ 1	22♌11	4♍31	28♒27	16♎44	10♉48	28♒39	10♌ 9	11♌40	12♊40	19♌46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s23	11n21	4s59	14s 1	1n12	19s 2	0n11	18n35	1n55	11n33	0n56	14s 7	1s45	5s29	0n38	13n33	1s52	23s42	12s30	16n57	16n54	17n21	8n43	6s40
W 2	17 40	14 36	4 51	13 27	1 29	19 22	0 9	18 30	1 57	11 31	0 56	14 6	1 45	5 30	0 38	13 33	1 52	23 42	12 30	17 1	16 55	17 22	8 41	6 41
T 3	17 56	17 14	4 31	12 57	1 43	19 41	0 6	18 25	1 58	11 28	0 56	14 6	1 45	5 32	0 38	13 32	1 52	23 42	12 30	17 5	16 56	17 24	8 40	6 42
F 4	18 12	19 8	3 59	12 33	1 56	20 0	0 4	18 20	2 0	11 26	0 57	14 5	1 45	5 33	0 38	13 32	1 52	23 41	12 29	17 8	16 56	17 25	8 39	6 42
S 5	18 28	20 13	3 16	12 14	2 6	20 19	0 2	18 15	2 2	11 24	0 57	14 4	1 45	5 34	0 38	13 31	1 52	23 41	12 29	17 11	16 57	17 26	8 37	6 43
S 6	18 43	20 24	2 25	12 1	2 15	20 36	0s 1	18 10	2 4	11 22	0 57	14 4	1 45	5 35	0 38	13 31	1 52	23 41	12 29	17 13	16 58	17 28	8 36	6 44
M 7	18 58	19 41	1 26	11 54	2 21	20 54	0 3	18 5	2 6	11 20	0 57	14 3	1 45	5 37	0 38	13 30	1 52	23 40	12 29	17 14	16 59	17 29	8 35	6 44
T 8	19 13	18 2	0 23	11 51	2 26	21 10	0 6	18 0	2 7	11 18	0 57	14 2	1 45	5 38	0 38	13 30	1 52	23 40	12 28	17 14	17 0	17 30	8 34	6 45
W 9	19 27	15 31	0n42	11 54	2 29	21 26	0 8	17 56	2 9	11 16	0 58	14 2	1 44	5 39	0 38	13 29	1 52	23 40	12 28	17 14	17 1	17 32	8 33	6 46
T 10	19 41	12 13	1 47	12 0	2 31	21 41	0 11	17 51	2 11	11 15	0 58	14 1	1 44	5 40	0 38	13 29	1 52	23 40	12 28	17 14	17 2	17 33	8 32	6 46
F 11	19 55	8 14	2 49	12 11	2 31	21 56	0 13	17 47	2 13	11 13	0 58	14 0	1 44	5 41	0 38	13 28	1 52	23 39	12 28	17 14	17 3	17 35	8 31	6 47
S 12	20 8	3 41	3 43	12 25	2 30	22 10	0 15	17 43	2 15	11 11	0 58	13 59	1 44	5 42	0 38	13 28	1 52	23 39	12 27	17 15	17 4	17 36	8 30	6 48
S 13	20 21	1s12	4 26	12 42	2 28	22 24	0 18	17 38	2 17	11 10	0 59	13 58	1 44	5 44	0 38	13 28	1 52	23 39	12 27	17 17	17 5	17 37	8 29	6 48
M14	20 33	6 11	4 54	13 2	2 25	22 37	0 20	17 34	2 19	11 8	0 59	13 57	1 44	5 45	0 38	13 27	1 52	23 38	12 27	17 19	17 5	17 39	8 28	6 49
T 15	20 45	10 57	5 2	13 23	2 22	22 49	0 23	17 31	2 21	11 6	0 59	13 56	1 44	5 46	0 38	13 27	1 52	23 38	12 26	17 22	17 6	17 40	8 27	6 49
W16	20 57	15 5	4 50	13 47	2 17	23 0	0 25	17 27	2 23	11 5	0 59	13 55	1 44	5 47	0 38	13 26	1 52	23 37	12 26	17 25	17 7	17 41	8 26	6 50
T 17	21 8	18 14	4 16	14 11	2 13	23 11	0 27	17 23	2 24	11 4	1 0	13 54	1 43	5 48	0 38	13 26	1 52	23 37	12 26	17 28	17 8	17 43	8 25	6 51
F 18	21 19	20 5	3 25	14 37	2 7	23 21	0 30	17 20	2 26	11 2	1 0	13 53	1 43	5 49	0 38	13 25	1 52	23 37	12 26	17 30	17 9	17 44	8 24	6 51
S 19	21 30	20 28	2 20	15 4	2 1	23 30	0 32	17 16	2 29	11 1	1 0	13 52	1 43	5 50	0 38	13 25	1 52	23 36	12 25	17 31	17 10	17 45	8 23	6 52
S 20	21 40	19 28	1 7	15 31	1 55	23 39	0 34	17 13	2 31	11 0	1 1	13 51	1 43	5 51	0 38	13 24	1 52	23 36	12 25	17 32	17 11	17 46	8 23	6 53
M21	21 49	17 15	0s 8	15 58	1 48	23 47	0 37	17 10	2 33	10 59	1 1	13 50	1 43	5 52	0 38	13 24	1 52	23 35	12 25	17 32	17 12	17 48	8 22	6 53
T 22	21 59	14 7	1 20	16 26	1 42	23 54	0 39	17 7	2 35	10 58	1 1	13 49	1 43	5 53	0 38	13 24	1 51	23 35	12 25	17 32	17 13	17 49	8 21	6 54
W23	22 7	10 21	2 26	16 54	1 35	24 1	0 41	17 5	2 37	10 57	1 1	13 47	1 43	5 54	0 38	13 23	1 51	23 35	12 24	17 32	17 13	17 50	8 20	6 55
T 24	22 16	6 13	3 22	17 22	1 28	24 6	0 43	17 2	2 39	10 56	1 2	13 46	1 43	5 55	0 38	13 23	1 51	23 34	12 24	17 32	17 14	17 52	8 20	6 55
F 25	22 24	1 54	4 7	17 49	1 20	24 11	0 46	17 0	2 41	10 55	1 2	13 45	1 43	5 56	0 38	13 22	1 51	23 34	12 24	17 33	17 15	17 53	8 19	6 56
S 26	22 31	2n24	4 40	18 17	1 13	24 16	0 48	16 58	2 43	10 54	1 2	13 44	1 42	5 57	0 38	13 22	1 51	23 33	12 24	17 34	17 16	17 54	8 19	6 57
S 27	22 38	6 32	4 59	18 43	1 6	24 19	0 50	16 56	2 45	10 53	1 2	13 42	1 42	5 58	0 38	13 22	1 51	23 33	12 23	17 36	17 17	17 56	8 18	6 57
M28	22 45	10 22	5 5	19 10	0 58	24 22	0 52	16 54	2 48	10 53	1 3	13 41	1 42	5 59	0 38	13 21	1 51	23 32	12 23	17 39	17 18	17 57	8 18	6 58
T 29	22 51	13 47	4 58	19 35	0 51	24 24	0 54	16 53	2 50	10 52	1 3	13 39	1 42	6 0	0 38	13 21	1 51	23 32	12 23	17 42	17 19	17 58	8 17	6 59
W30	22s57	16n38	4s37	20s 0	0n43	24s25	0s56	16n51	2n52	10n52	1n 3	13s38	1s42	6s 0	0n38	13n20	1s51	23s31	12s23	17n45	17n20	17n59	8n17	6s59

Julian Day Number = 2288230.5, Delta T = 173.73 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'02, Lahiri = 17°37'02 Julian Calendar 1 Nov. 1552 == Greg. Calendar 11 Nov. 1552

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ASTRODIENST EPHEMERIS for the year 1552
geocentric

DECEMBER 1552 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 18 7	18♐59'31	16♊49	4♐ 0	3♑17	22♌21	4♍33	28♒31	16♎46	10°R47	28♒40	9°R59	11♌37	12♊47	19°R45	T 1
F 2	5 22 3	20° 0'36	28°41	5°29	4°32	22°30	4°34	28°35	16°49	10♉46	28°41	9♌50	11°33	12°53	19♌44	F 2
S 3	5 26 0	21° 1'41	10♋34	6°59	5°47	22°39	4°36	28°39	16°51	10°45	28°42	9°43	11°30	13° 0	19°43	S 3
S 4	5 29 57	22° 2'47	22°31	8°29	7° 2	22°47	4°37	28°43	16°53	10°44	28°43	9°39	11°27	13° 7	19°42	S 4
M 5	5 33 53	23° 3'54	4♌34	10° 0	8°18	22°54	4°38	28°48	16°55	10°42	28°43	9°D38	11°24	13°14	19°41	M 5
T 6	5 37 50	24° 5'01	16°46	11°31	9°33	23° 1	4°39	28°52	16°57	10°41	28°44	9°38	11°21	13°20	19°39	T 6
W 7	5 41 46	25° 6'09	29°11	13° 2	10°48	23° 7	4°40	28°57	16°59	10°40	28°45	9°39	11°18	13°27	19°38	W 7
T 8	5 45 43	26° 7'18	11♍52	14°33	12° 3	23°12	4°41	29° 1	17° 1	10°39	28°46	9°40	11°14	13°34	19°36	T 8
F 9	5 49 39	27° 8'27	24°53	16° 5	13°18	23°17	4°41	29° 6	17° 3	10°38	28°47	9°R41	11°11	13°40	19°35	F 9
S 10	5 53 36	28° 9'36	8♎18	17°37	14°34	23°20	4°41	29°10	17° 5	10°37	28°48	9°41	11° 8	13°47	19°33	S 10
S 11	5 57 33	29°10'47	22°10	19° 9	15°49	23°24	4°R41	29°15	17° 6	10°36	28°49	9°38	11° 5	13°54	19°31	S 11
M12	6 1 29	0♑11'57	6♏29	20°42	17° 4	23°26	4°41	29°20	17° 8	10°35	28°50	9°34	11° 2	14° 0	19°29	M12
T 13	6 5 26	1°13'09	21°12	22°15	18°19	23°27	4°41	29°25	17°10	10°34	28°51	9°29	10°59	14° 7	19°27	T 13
W14	6 9 22	2°14'20	6♐14	23°48	19°34	23°28	4°40	29°30	17°11	10°33	28°52	9°23	10°55	14°14	19°25	W14
T 15	6 13 19	3°15'33	21°27	25°21	20°49	23°R28	4°40	29°35	17°13	10°32	28°53	9°18	10°52	14°21	19°22	T 15
F 16	6 17 15	4°16'45	6♑40	26°55	22° 4	23°28	4°39	29°40	17°14	10°31	28°54	9°13	10°49	14°27	19°20	F 16
S 17	6 21 12	5°17'57	21°43	28°29	23°20	23°26	4°37	29°45	17°16	10°31	28°55	9°10	10°46	14°34	19°18	S 17
S 18	6 25 8	6°19'09	6♒27	0♑ 4	24°35	23°24	4°36	29°51	17°17	10°30	28°56	9°D 9	10°43	14°41	19°15	S 18
M19	6 29 5	7°20'21	20°46	1°39	25°50	23°21	4°35	29°56	17°19	10°29	28°57	9°10	10°39	14°47	19°12	M19
T 20	6 33 2	8°21'33	4♓37	3°14	27° 5	23°17	4°33	0♓ 1	17°20	10°28	28°58	9°11	10°36	14°54	19°10	T 20
W21	6 36 58	9°22'44	18° 1	4°49	28°20	23°12	4°31	0° 7	17°21	10°28	28°59	9°13	10°33	15° 1	19° 7	W21
T 22	6 40 55	10°23'54	0♈59	6°25	29°35	23° 7	4°29	0°12	17°22	10°27	29° 0	9°14	10°30	15° 7	19° 4	T 22
F 23	6 44 51	11°25'05	13°36	8° 2	0♒50	23° 0	4°26	0°18	17°23	10°26	29° 2	9°R14	10°27	15°14	19° 1	F 23
S 24	6 48 48	12°26'14	25°55	9°38	2° 5	22°53	4°24	0°24	17°25	10°26	29° 3	9°13	10°24	15°21	18°58	S 24
S 25	6 52 44	13°27'24	8♉ 1	11°15	3°20	22°45	4°21	0°29	17°26	10°25	29° 4	9°11	10°20	15°28	18°54	S 25
M26	6 56 41	14°28'32	19°58	12°53	4°35	22°36	4°18	0°35	17°27	10°24	29° 5	9° 8	10°17	15°34	18°51	M26
T 27	7 0 37	15°29'40	1♊50	14°31	5°50	22°27	4°15	0°41	17°27	10°24	29° 7	9° 4	10°14	15°41	18°48	T 27
W28	7 4 34	16°30'48	13°40	16°10	7° 5	22°16	4°12	0°47	17°28	10°23	29° 8	9° 0	10°11	15°48	18°44	W28
T 29	7 8 31	17°31'55	25°31	17°49	8°20	22° 5	4° 9	0°53	17°29	10°23	29° 9	8°56	10° 8	15°54	18°41	T 29
F 30	7 12 27	18°33'02	7♋26	19°28	9°35	21°53	4° 5	0°59	17°30	10°23	29°11	8°53	10° 5	16° 1	18°37	F 30
S 31	7 16 24	19♑34'08	19♋26	21♑ 8	10♒50	21♌41	4♍ 1	1♓ 5	17♎31	10♉22	29♒12	8♌51	10♌ 1	16♊ 8	18♌34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	18n47	4s 5	20s25	0n36	24s26	0s58	16n50	2n54	10n51	1n 3	13s36	1s42	6s 1	0n38	13n20	1s51	23s31	12s22	17n47	17n21	18n 1	8n17	7s 0
F 2	23 7	20 7	3 22	20 48	0 28	24 25	1 0	16 49	2 56	10 51	1 4	13 35	1 42	6 2	0 38	13 20	1 51	23 30	12 22	17 50	17 21	18 2	8 16	7 0
S 3	23 11	20 35	2 30	21 11	0 21	24 24	1 2	16 49	2 59	10 50	1 4	13 33	1 42	6 3	0 38	13 19	1 51	23 30	12 22	17 51	17 22	18 3	8 16	7 1
S 4	23 15	20 7	1 31	21 33	0 14	24 22	1 4	16 48	3 1	10 50	1 4	13 32	1 42	6 4	0 38	13 19	1 51	23 29	12 22	17 53	17 23	18 5	8 16	7 2
M 5	23 19	18 43	0 27	21 54	0 6	24 20	1 6	16 48	3 3	10 50	1 5	13 30	1 42	6 4	0 38	13 19	1 51	23 29	12 21	17 53	17 24	18 6	8 16	7 2
T 6	23 22	16 28	0n39	22 14	0s 1	24 17	1 8	16 48	3 6	10 50	1 5	13 29	1 41	6 5	0 38	13 19	1 51	23 28	12 21	17 53	17 25	18 7	8 16	7 3
W 7	23 24	13 25	1 44	22 33	0 8	24 13	1 9	16 48	3 8	10 50	1 5	13 27	1 41	6 6	0 38	13 18	1 51	23 28	12 21	17 53	17 26	18 8	8 15	7 3
T 8	23 26	9 41	2 46	22 51	0 15	24 8	1 11	16 49	3 10	10 50	1 5	13 25	1 41	6 7	0 38	13 18	1 51	23 27	12 21	17 52	17 27	18 10	8 15	7 4
F 9	23 28	5 25	3 41	23 7	0 22	24 2	1 13	16 49	3 13	10 50	1 6	13 24	1 41	6 7	0 38	13 18	1 51	23 27	12 20	17 52	17 28	18 11	8 15	7 4
S 10	23 29	0 46	4 25	23 23	0 28	23 56	1 14	16 50	3 15	10 50	1 6	13 22	1 41	6 8	0 38	13 17	1 51	23 26	12 20	17 52	17 28	18 12	8 15	7 5
S 11	23 30	4s 4	4 56	23 38	0 35	23 49	1 16	16 52	3 17	10 50	1 6	13 20	1 41	6 9	0 38	13 17	1 51	23 26	12 20	17 53	17 29	18 13	8 15	7 6
M12	23 30	8 50	5 10	23 51	0 41	23 41	1 18	16 53	3 20	10 51	1 6	13 18	1 41	6 9	0 38	13 17	1 51	23 25	12 20	17 54	17 30	18 15	8 15	7 6
T 13	23 29	13 12	5 4	24 4	0 48	23 33	1 19	16 55	3 22	10 51	1 7	13 17	1 41	6 10	0 38	13 17	1 51	23 24	12 20	17 55	17 31	18 16	8 16	7 7
W14	23 29	16 51	4 37	24 15	0 54	23 23	1 20	16 57	3 25	10 52	1 7	13 15	1 41	6 10	0 38	13 16	1 51	23 24	12 19	17 57	17 32	18 17	8 16	7 7
T 15	23 27	19 23	3 51	24 24	1 0	23 14	1 22	16 59	3 27	10 52	1 7	13 13	1 41	6 11	0 39	13 16	1 50	23 23	12 19	17 58	17 33	18 18	8 16	7 8
F 16	23 26	20 32	2 48	24 33	1 5	23 3	1 23	17 1	3 29	10 53	1 8	13 11	1 41	6 12	0 39	13 16	1 50	23 23	12 19	17 59	17 34	18 20	8 16	7 8
S 17	23 23	20 12	1 34	24 40	1 11	22 52	1 24	17 4	3 32	10 53	1 8	13 9	1 40	6 12	0 39	13 16	1 50	23 22	12 19	18 0	17 35	18 21	8 16	7 9
S 18	23 21	18 28	0 15	24 46	1 16	22 40	1 26	17 7	3 34	10 54	1 8	13 7	1 40	6 13	0 39	13 16	1 50	23 22	12 18	18 1	17 35	18 22	8 17	7 9
M19	23 18	15 36	1s 3	24 50	1 21	22 27	1 27	17 11	3 37	10 55	1 8	13 5	1 40	6 13	0 39	13 15	1 50	23 21	12 18	18 0	17 36	18 23	8 17	7 10
T 20	23 14	11 56	2 15	24 53	1 26	22 14	1 28	17 14	3 39	10 56	1 9	13 3	1 40	6 14	0 39	13 15	1 50	23 20	12 18	18 0	17 37	18 25	8 18	7 10
W21	23 10	7 46	3 17	24 55	1 31	22 0	1 29	17 18	3 41	10 57	1 9	13 1	1 40	6 14	0 39	13 15	1 50	23 20	12 18	18 0	17 38	18 26	8 18	7 11
T 22	23 5	3 23	4 7	24 55	1 35	21 45	1 30	17 22	3 44	10 58	1 9	12 59	1 40	6 14	0 39	13 15	1 50	23 19	12 18	17 59	17 39	18 27	8 18	7 11
F 23	23 0	1n 2	4 43	24 54	1 39	21 30	1 31	17 26	3 46	10 59	1 9	12 57	1 40	6 15	0 39	13 15	1 50	23 19	12 18	17 59	17 40	18 28	8 19	7 12
S 24	22 55	5 17	5 6	24 52	1 43	21 14	1 31	17 31	3 48	11 0	1 10	12 55	1 40	6 15	0 39	13 15	1 50	23 18	12 17	17 59	17 41	18 29	8 19	7 12
S 25	22 49	9 15	5 14	24 48	1 47	20 57	1 32	17 36	3 51	11 1	1 10	12 53	1 40	6 16	0 39	13 14	1 50	23 17	12 17	18 0	17 41	18 31	8 20	7 12
M26	22 42	12 49	5 8	24 42	1 50	20 40	1 33	17 41	3 53	11 3	1 10	12 51	1 40	6 16	0 39	13 14	1 50	23 17	12 17	18 1	17 42	18 32	8 21	7 13
T 27	22 36	15 51	4 50	24 35	1 53	20 22	1 34	17 46	3 55	11 4	1 11	12 49	1 40	6 16	0 39	13 14	1 50	23 16	12 17	18 2	17 43	18 33	8 21	7 13
W28	22 28	18 13	4 19	24 26	1 56	20 4	1 34	17 52	3 58	11 5	1 11	12 47	1 40	6 17	0 39	13 14	1 50	23 16	12 17	18 3	17 44	18 34	8 22	7 14
T 29	22 21	19 49	3 36	24 16	1 58	19 45	1 35	17 57	4 0	11 7	1 11	12 44	1 40	6 17	0 39	13 14	1 50	23 15	12 16	18 4	17 45	18 36	8 23	7 14
F 30	22 12	20 33	2 45	24 4	2 1	19 25	1 35	18 3	4 2	11 9	1 11	12 42	1 40	6 17	0 39	13 14	1 50	23 14	12 16	18 5	17 46	18 37	8 23	7 14
S 31	22s 4	20n21	1s45	23s51	2s 2	19s 5	1s35	18n10	4n 4	11n10	1n12	12s40	1s40	6s17	0n39	13n14	1s50	23s14	12s16	18n 5	17n47	18n38	8n24	7s15

Julian Day Number = 2288260.5, Delta T = 173.56 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'06, Lahiri = 17°37'06 Julian Calendar 1 Dec. 1552 == Greg. Calendar 11 Dec. 1552

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

JANUARY 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 20 20	20♉35'13	1♌34	22♉49	12♒ 5	21°R27	3°R57	1♓11	17♎31	10°R22	29♒13	8°R50	9♌58	16♊14	18°R30	S 1
M 2	7 24 17	21°36'18	13°49	24°30	13°19	21♌13	3♍53	1°17	17°32	10♉22	29°15	8°D49	9°55	16°21	18♌26	M 2
T 3	7 28 13	22°37'22	26°15	26°11	14°34	20°58	3°49	1°23	17°32	10°21	29°16	8♌50	9°52	16°28	18°22	T 3
W 4	7 32 10	23°38'26	8♍53	27°53	15°49	20°42	3°44	1°30	17°33	10°21	29°17	8°51	9°49	16°35	18°18	W 4
T 5	7 36 6	24°39'29	21°45	29°36	17° 4	20°26	3°40	1°36	17°33	10°21	29°19	8°53	9°45	16°41	18°14	T 5
F 6	7 40 3	25°40'32	4♎52	1♒19	18°19	20° 9	3°35	1°42	17°34	10°21	29°20	8°54	9°42	16°48	18°10	F 6
S 7	7 44 0	26°41'34	18°18	3° 2	19°33	19°51	3°30	1°49	17°34	10°21	29°22	8°55	9°39	16°55	18° 6	S 7
S 8	7 47 56	27°42'36	2♏ 3	4°46	20°48	19°32	3°25	1°55	17°34	10°20	29°23	8°R55	9°36	17° 1	18° 2	S 8
M 9	7 51 53	28°43'38	16° 7	6°30	22° 3	19°13	3°19	2° 2	17°34	10°20	29°24	8°54	9°33	17° 8	17°58	M 9
T 10	7 55 49	29°44'39	0♐30	8°14	23°17	18°54	3°14	2° 8	17°34	10°20	29°26	8°53	9°30	17°15	17°53	T 10
W11	7 59 46	0♒45'39	15° 8	9°59	24°32	18°33	3° 8	2°15	17°35	10°D20	29°27	8°52	9°26	17°21	17°49	W11
T 12	8 3 42	1°46'39	29°57	11°44	25°47	18°13	3° 3	2°22	17°R35	10°20	29°29	8°51	9°23	17°28	17°45	T 12
F 13	8 7 39	2°47'38	14♉49	13°28	27° 1	17°51	2°57	2°28	17°35	10°20	29°30	8°51	9°20	17°35	17°40	F 13
S 14	8 11 35	3°48'36	29°37	15°12	28°16	17°29	2°51	2°35	17°34	10°20	29°32	8°50	9°17	17°41	17°36	S 14
S 15	8 15 32	4°49'33	14♒14	16°56	29°30	17° 7	2°45	2°42	17°34	10°21	29°33	8°D50	9°14	17°48	17°31	S 15
M16	8 19 29	5°50'29	28°32	18°40	0♓45	16°45	2°38	2°49	17°34	10°21	29°35	8°51	9°11	17°55	17°27	M16
T 17	8 23 25	6°51'23	12♓28	20°22	1°59	16°22	2°32	2°55	17°34	10°21	29°37	8°51	9° 7	18° 2	17°22	T 17
W18	8 27 22	7°52'16	25°58	22° 3	3°14	15°59	2°25	3° 2	17°34	10°21	29°38	8°51	9° 4	18° 8	17°18	W18
T 19	8 31 18	8°53'08	9♈ 4	23°43	4°28	15°35	2°19	3° 9	17°33	10°21	29°40	8°R51	9° 1	18°15	17°13	T 19
F 20	8 35 15	9°53'58	21°47	25°21	5°43	15°12	2°12	3°16	17°33	10°22	29°41	8°51	8°58	18°22	17° 9	F 20
S 21	8 39 11	10°54'47	4♉11	26°56	6°57	14°48	2° 5	3°23	17°32	10°22	29°43	8°51	8°55	18°28	17° 4	S 21
S 22	8 43 8	11°55'35	16°19	28°29	8°11	14°24	1°58	3°30	17°32	10°23	29°44	8°D51	8°51	18°35	16°59	S 22
M23	8 47 4	12°56'21	28°17	29°58	9°26	14° 0	1°51	3°37	17°31	10°23	29°46	8°51	8°48	18°42	16°55	M23
T 24	8 51 1	13°57'05	10♊ 8	1♓23	10°40	13°36	1°44	3°44	17°30	10°23	29°48	8°51	8°45	18°48	16°50	T 24
W25	8 54 58	14°57'48	21°58	2°43	11°54	13°12	1°37	3°51	17°30	10°24	29°49	8°52	8°42	18°55	16°45	W25
T 26	8 58 54	15°58'29	3♋51	3°58	13° 8	12°48	1°30	3°58	17°29	10°24	29°51	8°53	8°39	19° 2	16°40	T 26
F 27	9 2 51	16°59'09	15°50	5° 6	14°22	12°24	1°22	4° 6	17°28	10°25	29°52	8°54	8°36	19° 8	16°36	F 27
S 28	9 6 47	17°59'47	27°57	6° 8	15°36	12° 1	1°15	4°13	17°27	10°26	29°54	8°54	8°32	19°15	16°31	S 28
S 29	9 10 44	19° 0'23	10♌17	7° 2	16°50	11°37	1° 7	4°20	17°27	10°26	29°56	8°R54	8°29	19°22	16°26	S 29
M30	9 14 40	20° 0'58	22°49	7°48	18° 4	11°14	1° 0	4°27	17°26	10°27	29°57	8°54	8°26	19°29	16°22	M30
T 31	9 18 37	21♒ 1'32	5♍35	8♓25	19♓18	10♌51	0♍52	4♓34	17♎25	10♉27	29♒59	8♌53	8♌23	19♊35	16♌17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s55	19n12	0s40	23s35	2s 4	18s45	1s36	18n16	4n 6	11n12	1n12	12s38	1s39	6s18	0n39	13n14	1s49	23s13	12s16	18n 6	17n47	18n39	8n25	7s15
M 2	21 45	17 9	0n28	23 19	2 5	18 23	1 36	18 23	4 8	11 14	1 12	12 35	1 39	6 18	0 39	13 14	1 49	23 12	12 16	18 6	17 48	18 40	8 26	7 15
T 3	21 36	14 17	1 35	23 1	2 5	18 2	1 36	18 29	4 10	11 15	1 12	12 33	1 39	6 18	0 39	13 14	1 49	23 12	12 16	18 6	17 49	18 41	8 27	7 15
W 4	21 25	10 43	2 39	22 41	2 5	17 40	1 36	18 36	4 12	11 17	1 13	12 31	1 39	6 18	0 39	13 14	1 49	23 11	12 16	18 5	17 50	18 43	8 28	7 16
T 5	21 15	6 35	3 36	22 19	2 5	17 17	1 36	18 43	4 14	11 19	1 13	12 29	1 39	6 18	0 39	13 14	1 49	23 10	12 15	18 5	17 51	18 44	8 29	7 16
F 6	21 3	2 5	4 23	21 56	2 4	16 54	1 36	18 51	4 16	11 21	1 13	12 26	1 39	6 18	0 39	13 14	1 49	23 10	12 15	18 5	17 52	18 45	8 30	7 16
S 7	20 52	2s37	4 57	21 31	2 3	16 30	1 36	18 58	4 18	11 23	1 13	12 24	1 39	6 18	0 39	13 14	1 49	23 9	12 15	18 4	17 53	18 46	8 31	7 17
S 8	20 40	7 17	5 15	21 4	2 1	16 6	1 36	19 5	4 19	11 25	1 14	12 21	1 39	6 18	0 39	13 14	1 49	23 9	12 15	18 4	17 53	18 47	8 32	7 17
M 9	20 28	11 40	5 15	20 36	1 59	15 42	1 35	19 13	4 21	11 27	1 14	12 19	1 39	6 19	0 39	13 14	1 49	23 8	12 15	18 4	17 54	18 49	8 33	7 17
T 10	20 15	15 30	4 55	20 7	1 56	15 17	1 35	19 21	4 22	11 30	1 14	12 17	1 39	6 19	0 39	13 14	1 49	23 7	12 15	18 5	17 55	18 50	8 34	7 17
W11	20 2	18 25	4 16	19 35	1 52	14 52	1 35	19 29	4 24	11 32	1 14	12 14	1 39	6 19	0 39	13 14	1 49	23 7	12 15	18 5	17 56	18 51	8 35	7 17
T 12	19 49	20 10	3 20	19 2	1 48	14 26	1 34	19 36	4 25	11 34	1 14	12 12	1 39	6 19	0 39	13 14	1 49	23 6	12 15	18 5	17 57	18 52	8 36	7 17
F 13	19 35	20 31	2 9	18 28	1 43	14 0	1 33	19 44	4 26	11 36	1 15	12 9	1 39	6 18	0 39	13 14	1 49	23 5	12 15	18 5	17 58	18 53	8 37	7 18
S 14	19 21	19 27	0 51	17 52	1 38	13 33	1 33	19 52	4 27	11 39	1 15	12 7	1 39	6 18	0 39	13 14	1 49	23 5	12 14	18 5	17 58	18 54	8 38	7 18
S 15	19 6	17 5	0s30	17 15	1 32	13 6	1 32	20 0	4 29	11 41	1 15	12 5	1 39	6 18	0 39	13 14	1 49	23 4	12 14	18 5	17 59	18 55	8 40	7 18
M16	18 51	13 41	1 47	16 37	1 25	12 39	1 31	20 8	4 30	11 44	1 15	12 2	1 39	6 18	0 39	13 14	1 49	23 3	12 14	18 5	18 0	18 57	8 41	7 18
T 17	18 36	9 37	2 56	15 58	1 18	12 12	1 30	20 16	4 30	11 46	1 15	12 0	1 39	6 18	0 40	13 15	1 48	23 3	12 14	18 5	18 1	18 58	8 42	7 18
W18	18 21	5 10	3 53	15 17	1 9	11 44	1 29	20 24	4 31	11 49	1 16	11 57	1 39	6 18	0 40	13 15	1 48	23 2	12 14	18 5	18 2	18 59	8 43	7 18
T 19	18 5	0 37	4 36	14 36	1 0	11 16	1 28	20 31	4 32	11 51	1 16	11 54	1 39	6 18	0 40	13 15	1 48	23 2	12 14	18 5	18 3	19 0	8 45	7 18
F 20	17 49	3n49	5 4	13 54	0 51	10 48	1 27	20 39	4 32	11 54	1 16	11 52	1 39	6 18	0 40	13 15	1 48	23 1	12 14	18 5	18 4	19 1	8 46	7 18
S 21	17 32	7 58	5 17	13 11	0 40	10 19	1 26	20 47	4 33	11 57	1 16	11 49	1 39	6 17	0 40	13 15	1 48	23 0	12 14	18 5	18 4	19 2	8 47	7 18
S 22	17 15	11 44	5 15	12 29	0 29	9 50	1 25	20 54	4 33	11 59	1 16	11 47	1 39	6 17	0 40	13 15	1 48	23 0	12 14	18 5	18 5	19 3	8 49	7 18
M23	16 58	14 57	5 0	11 46	0 16	9 21	1 24	21 1	4 33	12 2	1 17	11 44	1 39	6 17	0 40	13 15	1 48	22 59	12 14	18 5	18 6	19 4	8 50	7 18
T 24	16 41	17 33	4 32	11 4	0 3	8 51	1 22	21 9	4 33	12 5	1 17	11 42	1 39	6 17	0 40	13 16	1 48	22 58	12 14	18 5	18 7	19 6	8 52	7 18
W25	16 23	19 23	3 52	10 22	0n10	8 22	1 21	21 16	4 33	12 7	1 17	11 39	1 39	6 16	0 40	13 16	1 48	22 58	12 14	18 5	18 8	19 7	8 53	7 18
T 26	16 5	20 24	3 3	9 42	0 24	7 52	1 19	21 22	4 33	12 10	1 17	11 37	1 39	6 16	0 40	13 16	1 48	22 57	12 14	18 5	18 9	19 8	8 54	7 18
F 27	15 47	20 30	2 5	9 3	0 39	7 22	1 18	21 29	4 33	12 13	1 17	11 34	1 39	6 16	0 40	13 16	1 48	22 56	12 14	18 5	18 9	19 9	8 56	7 18
S 28	15 28	19 38	1 0	8 26	0 54	6 51	1 16	21 36	4 33	12 16	1 17	11 31	1 39	6 15	0 40	13 17	1 48	22 56	12 14	18 4	18 10	19 10	8 57	7 18
S 29	15 10	17 50	0n 8	7 52	1 10	6 21	1 14	21 42	4 32	12 19	1 18	11 29	1 39	6 15	0 40	13 17	1 48	22 55	12 14	18 4	18 11	19 11	8 59	7 18
M30	14 51	15 9	1 16	7 20	1 26	5 50	1 13	21 48	4 32	12 21	1 18	11 26	1 39	6 15	0 40	13 17	1 48	22 55	12 14	18 5	18 12	19 12	9 0	7 17
T 31	14s31	11n42	2n22	6s51	1n42	5s20	1s11	21n54	4n31	12n24	1n18	11s23	1s39	6s14	0n40	13n17	1s48	22s54	12s14	18n 5	18n13	19n13	9n 2	7s17

Julian Day Number = 2288291.5, Delta T = 173.38 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'10, Lahiri = 17°37'11 Julian Calendar 1 Jan. 1553 == Greg. Calendar 11 Jan. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

FEBRUARY 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 22 33	22♒ 2'04	18♍34	8♓52	20♓32	10°R29	0°R44	4♓41	17°R23	10♉28	0♓ 1	8°R52	8♌20	19♊42	16°R12	W 1
T 2	9 26 30	23° 2'34	1♎48	9° 9	21°46	10♌ 7	0♍37	4°49	17♎22	10°29	0° 2	8♌50	8°17	19°49	16♌ 8	T 2
F 3	9 30 27	24° 3'03	15°14	9°R17	23° 0	9°45	0°29	4°56	17°21	10°30	0° 4	8°48	8°13	19°55	16° 3	F 3
S 4	9 34 23	25° 3'31	28°53	9°14	24°13	9°23	0°21	5° 3	17°20	10°31	0° 6	8°46	8°10	20° 2	15°58	S 4
S 5	9 38 20	26° 3'57	12♏43	9° 1	25°27	9° 3	0°13	5°11	17°19	10°31	0° 7	8°44	8° 7	20° 9	15°54	S 5
M 6	9 42 16	27° 4'23	26°44	8°38	26°41	8°42	0° 5	5°18	17°17	10°32	0° 9	8°D44	8° 4	20°15	15°49	M 6
T 7	9 46 13	28° 4'46	10♐54	8° 6	27°54	8°22	29♌57	5°25	17°16	10°33	0°11	8°44	8° 1	20°22	15°44	T 7
W 8	9 50 9	29° 5'09	25°12	7°26	29° 8	8° 3	29°50	5°32	17°15	10°34	0°12	8°45	7°57	20°29	15°40	W 8
T 9	9 54 6	0♓ 5'30	9♑34	6°39	0♈21	7°45	29°42	5°40	17°13	10°35	0°14	8°47	7°54	20°35	15°35	T 9
F 10	9 58 2	1° 5'50	23°57	5°45	1°35	7°27	29°34	5°47	17°12	10°36	0°16	8°48	7°51	20°42	15°31	F 10
S 11	10 1 59	2° 6'08	8♒18	4°46	2°48	7° 9	29°26	5°54	17°10	10°37	0°17	8°R49	7°48	20°49	15°27	S 11
S 12	10 5 56	3° 6'24	22°32	3°45	4° 1	6°53	29°18	6° 2	17° 9	10°38	0°19	8°48	7°45	20°55	15°22	S 12
M13	10 9 52	4° 6'38	6♓33	2°42	5°15	6°37	29°10	6° 9	17° 7	10°39	0°21	8°46	7°42	21° 2	15°18	M13
T 14	10 13 49	5° 6'51	20°18	1°38	6°28	6°21	29° 2	6°17	17° 5	10°40	0°22	8°43	7°38	21° 9	15°13	T 14
W15	10 17 45	6° 7'02	3♈45	0°37	7°41	6° 7	28°55	6°24	17° 4	10°42	0°24	8°39	7°35	21°16	15° 9	W15
T 16	10 21 42	7° 7'10	16°50	29♒37	8°54	5°53	28°47	6°31	17° 2	10°43	0°26	8°34	7°32	21°22	15° 5	T 16
F 17	10 25 38	8° 7'17	29°36	28°42	10° 7	5°40	28°39	6°39	17° 0	10°44	0°27	8°29	7°29	21°29	15° 1	F 17
S 18	10 29 35	9° 7'22	12♉ 2	27°51	11°20	5°28	28°31	6°46	16°58	10°45	0°29	8°26	7°26	21°36	14°57	S 18
S 19	10 33 31	10° 7'24	24°13	27° 6	12°33	5°16	28°24	6°53	16°57	10°47	0°30	8°23	7°22	21°42	14°53	S 19
M20	10 37 28	11° 7'25	6♊12	26°27	13°46	5° 6	28°16	7° 1	16°55	10°48	0°32	8°D22	7°19	21°49	14°49	M20
T 21	10 41 25	12° 7'23	18° 4	25°55	14°59	4°56	28° 9	7° 8	16°53	10°49	0°34	8°22	7°16	21°56	14°45	T 21
W22	10 45 21	13° 7'19	29°54	25°29	16°11	4°47	28° 1	7°15	16°51	10°51	0°35	8°23	7°13	22° 2	14°41	W22
T 23	10 49 18	14° 7'13	11♋47	25° 9	17°24	4°39	27°54	7°23	16°49	10°52	0°37	8°24	7°10	22° 9	14°37	T 23
F 24	10 53 14	15° 7'04	23°48	24°57	18°37	4°31	27°47	7°30	16°47	10°53	0°39	8°26	7° 7	22°16	14°34	F 24
S 25	10 57 11	16° 6'54	6♌ 2	24°50	19°49	4°24	27°40	7°37	16°45	10°55	0°40	8°R27	7° 3	22°22	14°30	S 25
S 26	11 1 7	17° 6'41	18°30	24°D50	21° 1	4°19	27°32	7°45	16°43	10°56	0°42	8°27	7° 0	22°29	14°26	S 26
M27	11 5 4	18° 6'26	1♍17	24°56	22°14	4°13	27°25	7°52	16°40	10°58	0°43	8°24	6°57	22°36	14°23	M27
T 28	11 9 0	19♓ 6'09	14♍22	25♒ 8	23♈26	4♌ 9	27♌19	7♓59	16♎38	10♉59	0♓45	8♌20	6♌54	22♊42	14♌19	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s12	7n38	3n22	6s26	1n58	4s49	1s 9	21n59	4n30	12n27	1n18	11s21	1s39	6s14	0n40	13n18	1s48	22s53	12s14	18n 5	18n14	19n14	9n 3	7s17
T 2	13 52	3 9	4 13	6 5	2 14	4 18	1 7	22 5	4 30	12 30	1 18	11 18	1 39	6 13	0 40	13 18	1 47	22 53	12 14	18 6	18 14	19 16	9 5	7 17
F 3	13 32	1s33	4 50	5 49	2 29	3 47	1 5	22 10	4 29	12 33	1 18	11 16	1 39	6 13	0 40	13 18	1 47	22 52	12 14	18 6	18 15	19 17	9 7	7 17
S 4	13 12	6 15	5 11	5 36	2 43	3 15	1 3	22 14	4 28	12 36	1 18	11 13	1 39	6 12	0 40	13 19	1 47	22 52	12 14	18 7	18 16	19 18	9 8	7 16
S 5	12 52	10 41	5 15	5 29	2 57	2 44	1 0	22 19	4 27	12 39	1 18	11 10	1 39	6 12	0 40	13 19	1 47	22 51	12 14	18 7	18 17	19 19	9 10	7 16
M 6	12 31	14 36	5 1	5 26	3 9	2 13	0 58	22 23	4 25	12 41	1 18	11 8	1 39	6 11	0 40	13 19	1 47	22 50	12 14	18 7	18 18	19 20	9 11	7 16
T 7	12 10	17 43	4 28	5 28	3 20	1 41	0 56	22 27	4 24	12 44	1 19	11 5	1 39	6 11	0 40	13 20	1 47	22 50	12 14	18 7	18 18	19 21	9 13	7 16
W 8	11 49	19 47	3 38	5 34	3 29	1 10	0 54	22 31	4 23	12 47	1 19	11 2	1 39	6 10	0 40	13 20	1 47	22 49	12 14	18 7	18 19	19 22	9 14	7 15
T 9	11 28	20 35	2 34	5 45	3 36	0 38	0 51	22 35	4 21	12 50	1 19	11 0	1 39	6 10	0 40	13 20	1 47	22 49	12 14	18 6	18 20	19 23	9 16	7 15
F 10	11 7	20 2	1 21	6 0	3 41	0 7	0 49	22 38	4 20	12 53	1 19	10 57	1 39	6 9	0 40	13 21	1 47	22 48	12 14	18 6	18 21	19 24	9 18	7 15
S 11	10 45	18 11	0 3	6 19	3 44	0n25	0 46	22 41	4 18	12 56	1 19	10 54	1 39	6 8	0 40	13 21	1 47	22 48	12 14	18 6	18 22	19 25	9 19	7 14
S 12	10 23	15 13	1s15	6 40	3 45	0 56	0 44	22 44	4 16	12 59	1 19	10 51	1 39	6 8	0 40	13 21	1 47	22 47	12 14	18 6	18 23	19 26	9 21	7 14
M13	10 2	11 24	2 27	7 4	3 43	1 28	0 41	22 46	4 15	13 1	1 19	10 49	1 39	6 7	0 40	13 22	1 47	22 46	12 14	18 7	18 23	19 27	9 22	7 14
T 14	9 40	7 3	3 29	7 30	3 40	1 59	0 38	22 48	4 13	13 4	1 19	10 46	1 39	6 7	0 40	13 22	1 47	22 46	12 14	18 7	18 24	19 28	9 24	7 13
W15	9 17	2 26	4 17	7 57	3 34	2 31	0 35	22 50	4 11	13 7	1 19	10 43	1 39	6 6	0 40	13 23	1 47	22 45	12 14	18 9	18 25	19 29	9 26	7 13
T 16	8 55	2n 9	4 51	8 24	3 26	3 2	0 33	22 52	4 9	13 10	1 19	10 41	1 39	6 5	0 40	13 23	1 47	22 45	12 14	18 10	18 26	19 30	9 27	7 12
F 17	8 33	6 32	5 9	8 52	3 17	3 34	0 30	22 53	4 7	13 12	1 19	10 38	1 39	6 5	0 40	13 24	1 47	22 44	12 14	18 11	18 27	19 31	9 29	7 12
S 18	8 10	10 31	5 12	9 19	3 7	4 5	0 27	22 54	4 5	13 15	1 19	10 35	1 40	6 4	0 40	13 24	1 47	22 44	12 14	18 12	18 27	19 32	9 30	7 11
S 19	7 47	14 0	5 1	9 45	2 55	4 36	0 24	22 55	4 3	13 18	1 19	10 33	1 40	6 3	0 40	13 24	1 46	22 43	12 14	18 13	18 28	19 33	9 32	7 11
M20	7 25	16 51	4 37	10 10	2 43	5 7	0 21	22 56	4 1	13 21	1 19	10 30	1 40	6 2	0 40	13 25	1 46	22 43	12 14	18 13	18 29	19 34	9 34	7 10
T 21	7 2	18 57	4 1	10 34	2 30	5 38	0 18	22 56	3 59	13 23	1 19	10 27	1 40	6 2	0 40	13 25	1 46	22 42	12 15	18 13	18 30	19 35	9 35	7 10
W22	6 39	20 15	3 15	10 56	2 16	6 9	0 15	22 57	3 57	13 26	1 19	10 25	1 40	6 1	0 40	13 26	1 46	22 42	12 15	18 13	18 31	19 36	9 37	7 9
T 23	6 16	20 38	2 20	11 15	2 2	6 40	0 12	22 57	3 55	13 28	1 19	10 22	1 40	6 0	0 40	13 26	1 46	22 41	12 15	18 12	18 32	19 37	9 38	7 9
F 24	5 53	20 6	1 19	11 33	1 47	7 10	0 9	22 56	3 53	13 31	1 19	10 19	1 40	5 59	0 40	13 27	1 46	22 41	12 15	18 12	18 32	19 39	9 40	7 8
S 25	5 29	18 36	0 13	11 49	1 33	7 41	0 6	22 56	3 50	13 33	1 19	10 17	1 40	5 58	0 40	13 27	1 46	22 40	12 15	18 12	18 33	19 40	9 41	7 8
S 26	5 6	16 11	0n55	12 2	1 19	8 11	0 3	22 55	3 48	13 36	1 19	10 14	1 40	5 58	0 40	13 28	1 46	22 40	12 15	18 12	18 34	19 41	9 43	7 7
M27	4 43	12 56	2 1	12 14	1 4	8 41	0n 1	22 54	3 46	13 38	1 19	10 11	1 40	5 57	0 40	13 28	1 46	22 39	12 15	18 12	18 35	19 42	9 45	7 7
T 28	4s19	8n58	3n 3	12s23	0n50	9n11	0n 4	22n53	3n44	13n40	1n19	10s 9	1s40	5s56	0n40	13n29	1s46	22s39	12s15	18n13	18n36	19n43	9n46	7s 6

Julian Day Number = 2288322.5, Delta T = 173.19 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'15, Lahiri = 17°37'15 Julian Calendar 1 Feb. 1553 == Greg. Calendar 11 Feb. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

MARCH 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 12 57	20♓ 5'50	27♍46	25♒25	24♈38	4°R 5	27°R12	8♓ 6	16°R36	11♉ 1	0♓47	8°R14	6♌51	22♊49	14°R16	W 1
T 2	11 16 53	21° 5'29	11♎27	25°47	25°50	4♌ 3	27♌ 5	8°14	16♎34	11° 2	0°48	8♌ 7	6°48	22°56	14♌13	T 2
F 3	11 20 50	22° 5'06	25°20	26°14	27° 2	4° 1	26°58	8°21	16°32	11° 4	0°50	8° 0	6°44	23° 2	14°10	F 3
S 4	11 24 47	23° 4'41	9♏24	26°46	28°14	3°59	26°52	8°28	16°29	11° 6	0°51	7°53	6°41	23° 9	14° 7	S 4
S 5	11 28 43	24° 4'14	23°33	27°22	29°26	3°D59	26°46	8°35	16°27	11° 7	0°53	7°48	6°38	23°16	14° 3	S 5
M 6	11 32 40	25° 3'46	7♐44	28° 2	0♉38	3°59	26°39	8°42	16°25	11° 9	0°54	7°44	6°35	23°23	14° 1	M 6
T 7	11 36 36	26° 3'16	21°54	28°45	1°49	4° 0	26°33	8°50	16°22	11°11	0°56	7°D43	6°32	23°29	13°58	T 7
W 8	11 40 33	27° 2'44	6♑ 3	29°33	3° 1	4° 1	26°27	8°57	16°20	11°12	0°57	7°43	6°28	23°36	13°55	W 8
T 9	11 44 29	28° 2'11	20° 7	0♓23	4°13	4° 4	26°22	9° 4	16°18	11°14	0°59	7°44	6°25	23°43	13°52	T 9
F 10	11 48 26	29° 1'35	4♒ 7	1°17	5°24	4° 7	26°16	9°11	16°15	11°16	1° 1	7°R45	6°22	23°49	13°50	F 10
S 11	11 52 22	0♈ 0'58	18° 0	2°14	6°35	4°10	26°10	9°18	16°13	11°18	1° 2	7°45	6°19	23°56	13°47	S 11
S 12	11 56 19	1° 0'19	1♓46	3°14	7°47	4°15	26° 5	9°25	16°10	11°19	1° 3	7°42	6°16	24° 3	13°45	S 12
M13	12 0 16	1°59'38	15°22	4°16	8°58	4°20	26° 0	9°32	16° 8	11°21	1° 5	7°37	6°13	24° 9	13°43	M13
T 14	12 4 12	2°58'55	28°47	5°21	10° 9	4°25	25°55	9°39	16° 6	11°23	1° 6	7°30	6° 9	24°16	13°40	T 14
W15	12 8 9	3°58'10	11♈57	6°29	11°20	4°32	25°50	9°46	16° 3	11°25	1° 8	7°21	6° 6	24°23	13°38	W15
T 16	12 12 5	4°57'23	24°52	7°38	12°31	4°39	25°45	9°53	16° 1	11°27	1° 9	7°10	6° 3	24°29	13°36	T 16
F 17	12 16 2	5°56'33	7♉31	8°50	13°41	4°46	25°40	10° 0	15°58	11°29	1°11	6°59	6° 0	24°36	13°35	F 17
S 18	12 19 58	6°55'42	19°54	10° 4	14°52	4°55	25°36	10° 7	15°55	11°31	1°12	6°50	5°57	24°43	13°33	S 18
S 19	12 23 55	7°54'48	2♊ 4	11°20	16° 3	5° 4	25°31	10°13	15°53	11°33	1°14	6°42	5°54	24°49	13°31	S 19
M20	12 27 51	8°53'52	14° 2	12°38	17°13	5°13	25°27	10°20	15°50	11°35	1°15	6°37	5°50	24°56	13°30	M20
T 21	12 31 48	9°52'54	25°54	13°58	18°23	5°23	25°23	10°27	15°48	11°37	1°16	6°33	5°47	25° 3	13°28	T 21
W22	12 35 45	10°51'53	7♋43	15°19	19°34	5°34	25°19	10°34	15°45	11°39	1°18	6°D32	5°44	25° 9	13°27	W22
T 23	12 39 41	11°50'50	19°36	16°43	20°44	5°45	25°16	10°40	15°43	11°41	1°19	6°32	5°41	25°16	13°25	T 23
F 24	12 43 38	12°49'45	1♌37	18° 8	21°54	5°57	25°12	10°47	15°40	11°43	1°20	6°R33	5°38	25°23	13°24	F 24
S 25	12 47 34	13°48'38	13°51	19°35	23° 4	6° 9	25° 9	10°54	15°38	11°45	1°22	6°33	5°34	25°29	13°23	S 25
S 26	12 51 31	14°47'28	26°24	21° 4	24°13	6°22	25° 6	11° 0	15°35	11°47	1°23	6°31	5°31	25°36	13°22	S 26
M27	12 55 27	15°46'16	9♍19	22°34	25°23	6°35	25° 3	11° 7	15°32	11°49	1°24	6°27	5°28	25°43	13°22	M27
T 28	12 59 24	16°45'02	22°38	24° 6	26°32	6°49	25° 0	11°13	15°30	11°51	1°25	6°20	5°25	25°49	13°21	T 28
W29	13 3 20	17°43'45	6♎20	25°40	27°42	7° 3	24°58	11°19	15°27	11°53	1°27	6°11	5°22	25°56	13°20	W29
T 30	13 7 17	18°42'27	20°24	27°15	28°51	7°18	24°55	11°26	15°25	11°55	1°28	6° 1	5°19	26° 3	13°20	T 30
F 31	13 11 13	19♈41'06	4♏45	28♓52	0♊ 0	7♌33	24♌53	11♓32	15♎22	11♉57	1♓29	5♌49	5♌15	26♊ 9	13♌19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s56	4n29	3n55	12s30	0n37	9n41	0n 7	22n52	3n42	13n43	1n19	10s 6	1s40	5s55	0n40	13n29	1s46	22s38	12s15	18n15	18n36	19n43	9n48	7s 5
T 2	3 32	0s18	4 36	12 35	0 24	10 10	0 11	22 50	3 39	13 45	1 19	10 3	1 40	5 54	0 41	13 30	1 46	22 38	12 16	18 17	18 37	19 44	9 49	7 5
F 3	3 9	5 9	5 1	12 38	0 11	10 39	0 14	22 49	3 37	13 47	1 19	10 1	1 40	5 53	0 41	13 30	1 46	22 37	12 16	18 19	18 38	19 45	9 51	7 4
S 4	2 45	9 47	5 8	12 39	0s 2	11 8	0 17	22 47	3 35	13 49	1 19	9 58	1 41	5 52	0 41	13 31	1 46	22 37	12 16	18 20	18 39	19 46	9 52	7 4
S 5	2 22	13 54	4 57	12 38	0 14	11 37	0 21	22 45	3 33	13 52	1 19	9 55	1 41	5 52	0 41	13 31	1 46	22 37	12 16	18 22	18 40	19 47	9 54	7 3
M 6	1 58	17 15	4 27	12 35	0 25	12 6	0 24	22 43	3 30	13 54	1 19	9 53	1 41	5 51	0 41	13 32	1 46	22 36	12 16	18 23	18 40	19 48	9 55	7 2
T 7	1 34	19 34	3 42	12 30	0 36	12 34	0 27	22 40	3 28	13 56	1 19	9 50	1 41	5 50	0 41	13 33	1 46	22 36	12 16	18 23	18 41	19 49	9 56	7 2
W 8	1 11	20 39	2 42	12 23	0 47	13 2	0 31	22 38	3 26	13 58	1 19	9 48	1 41	5 49	0 41	13 33	1 46	22 35	12 17	18 23	18 42	19 50	9 58	7 1
T 9	0 47	20 27	1 34	12 15	0 57	13 29	0 34	22 35	3 24	14 0	1 19	9 45	1 41	5 48	0 41	13 34	1 46	22 35	12 17	18 23	18 43	19 51	9 59	7 0
F 10	0 23	18 57	0 20	12 5	1 7	13 57	0 38	22 32	3 21	14 2	1 19	9 42	1 41	5 47	0 41	13 34	1 46	22 34	12 17	18 22	18 44	19 52	10 1	7 0
S 11	0n 0	16 21	0s55	11 53	1 16	14 24	0 41	22 29	3 19	14 3	1 19	9 40	1 41	5 46	0 41	13 35	1 46	22 34	12 17	18 23	18 44	19 53	10 2	6 59
S 12	0 24	12 49	2 5	11 39	1 24	14 50	0 44	22 26	3 17	14 5	1 19	9 37	1 41	5 45	0 41	13 36	1 45	22 34	12 17	18 23	18 45	19 54	10 3	6 58
M13	0 48	8 40	3 8	11 24	1 32	15 16	0 48	22 22	3 15	14 7	1 18	9 35	1 41	5 44	0 41	13 36	1 45	22 33	12 17	18 24	18 46	19 55	10 5	6 57
T 14	1 11	4 8	3 59	11 7	1 40	15 42	0 51	22 19	3 12	14 8	1 18	9 32	1 42	5 43	0 41	13 37	1 45	22 33	12 18	18 26	18 47	19 56	10 6	6 57
W15	1 35	0n31	4 36	10 49	1 47	16 8	0 55	22 15	3 10	14 10	1 18	9 30	1 42	5 42	0 41	13 37	1 45	22 33	12 18	18 29	18 47	19 57	10 7	6 56
T 16	1 58	5 2	4 58	10 29	1 53	16 33	0 58	22 11	3 8	14 12	1 18	9 27	1 42	5 41	0 41	13 38	1 45	22 32	12 18	18 31	18 48	19 58	10 8	6 55
F 17	2 22	9 15	5 4	10 7	1 59	16 58	1 2	22 7	3 6	14 13	1 18	9 25	1 42	5 40	0 41	13 39	1 45	22 32	12 18	18 34	18 49	19 59	10 10	6 54
S 18	2 45	13 0	4 57	9 44	2 5	17 22	1 5	22 3	3 4	14 15	1 18	9 22	1 42	5 39	0 41	13 39	1 45	22 32	12 18	18 37	18 50	20 0	10 11	6 54
S 19	3 9	16 7	4 36	9 20	2 10	17 46	1 9	21 59	3 2	14 16	1 18	9 20	1 42	5 38	0 41	13 40	1 45	22 31	12 19	18 39	18 51	20 1	10 12	6 53
M20	3 32	18 32	4 3	8 54	2 14	18 10	1 12	21 54	2 59	14 17	1 18	9 17	1 42	5 37	0 41	13 40	1 45	22 31	12 19	18 40	18 51	20 2	10 13	6 52
T 21	3 55	20 7	3 19	8 27	2 18	18 33	1 15	21 50	2 57	14 18	1 18	9 15	1 42	5 36	0 41	13 41	1 45	22 31	12 19	18 41	18 52	20 3	10 14	6 51
W22	4 19	20 49	2 28	7 58	2 22	18 56	1 19	21 45	2 55	14 20	1 18	9 12	1 43	5 35	0 41	13 42	1 45	22 30	12 19	18 41	18 53	20 3	10 16	6 51
T 23	4 42	20 35	1 29	7 29	2 25	19 18	1 22	21 41	2 53	14 21	1 17	9 10	1 43	5 34	0 41	13 42	1 45	22 30	12 20	18 41	18 54	20 4	10 17	6 50
F 24	5 5	19 25	0 26	6 57	2 27	19 39	1 25	21 36	2 51	14 22	1 17	9 8	1 43	5 33	0 41	13 43	1 45	22 30	12 20	18 41	18 55	20 5	10 18	6 49
S 25	5 28	17 20	0n39	6 25	2 29	20 1	1 29	21 31	2 49	14 23	1 17	9 5	1 43	5 32	0 41	13 44	1 45	22 30	12 20	18 41	18 55	20 6	10 19	6 48
S 26	5 51	14 22	1 44	5 51	2 30	20 21	1 32	21 25	2 47	14 24	1 17	9 3	1 43	5 31	0 41	13 44	1 45	22 29	12 20	18 41	18 56	20 7	10 20	6 47
M27	6 13	10 38	2 45	5 16	2 31	20 42	1 35	21 20	2 45	14 25	1 17	9 0	1 43	5 30	0 41	13 45	1 45	22 29	12 21	18 42	18 57	20 8	10 21	6 47
T 28	6 36	6 17	3 39	4 40	2 32	21 1	1 38	21 15	2 43	14 25	1 17	8 58	1 43	5 29	0 41	13 46	1 45	22 29	12 21	18 44	18 58	20 9	10 22	6 46
W29	6 58	1 29	4 22	4 3	2 32	21 21	1 42	21 9	2 41	14 26	1 17	8 56	1 44	5 28	0 41	13 46	1 45	22 29	12 21	18 46	18 58	20 10	10 23	6 45
T 30	7 21	3s30	4 51	3 24	2 31	21 39	1 45	21 3	2 39	14 27	1 17	8 53	1 44	5 28	0 41	13 47	1 45	22 28	12 21	18 49	18 59	20 11	10 24	6 44
F 31	7n43	8s24	5n 1	2s44	2s30	21n57	1n48	20n58	2n37	14n27	1n16	8s51	1s44	5s27	0n41	13n48	1s45	22s28	12s22	18n52	19n 0	20n11	10n25	6s43

Julian Day Number = 2288350.5, Delta T = 173.03 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'18, Lahiri = 17°37'19 Julian Calendar 1 March 1553 == Greg. Calendar 11 March 1553

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1553
geocentric

APRIL 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 15 10	20♈39'44	19♏16	0♈31	1♊ 9	7♌48	24°R51	11♓38	15°R20	11♉59	1♓30	5°R39	5♌12	26♊16	13°R19	S 1
S 2	13 19 7	21°38'20	3♐51	2°11	2°18	8° 4	24♌49	11°45	15♎17	12° 1	1°31	5♌30	5° 9	26°23	13♌19	S 2
M 3	13 23 3	22°36'54	18°23	3°53	3°27	8°21	24°48	11°51	15°14	12° 3	1°33	5°24	5° 6	26°30	13°D19	M 3
T 4	13 27 0	23°35'27	2♑46	5°36	4°35	8°38	24°46	11°57	15°12	12° 6	1°34	5°21	5° 3	26°36	13°19	T 4
W 5	13 30 56	24°33'58	16°59	7°21	5°44	8°55	24°45	12° 3	15° 9	12° 8	1°35	5°19	4°59	26°43	13°19	W 5
T 6	13 34 53	25°32'28	0♒59	9° 8	6°52	9°13	24°44	12° 9	15° 7	12°10	1°36	5°19	4°56	26°50	13°19	T 6
F 7	13 38 49	26°30'55	14°46	10°57	8° 0	9°31	24°43	12°15	15° 4	12°12	1°37	5°19	4°53	26°56	13°20	F 7
S 8	13 42 46	27°29'21	28°22	12°47	9° 8	9°50	24°42	12°21	15° 2	12°14	1°38	5°18	4°50	27° 3	13°20	S 8
S 9	13 46 42	28°27'46	11♓45	14°39	10°16	10° 9	24°42	12°27	14°59	12°16	1°39	5°14	4°47	27°10	13°21	S 9
M10	13 50 39	29°26'09	24°58	16°32	11°23	10°28	24°42	12°33	14°57	12°19	1°40	5° 7	4°44	27°16	13°21	M10
T 11	13 54 36	0♉24'30	8♈ 0	18°27	12°31	10°48	24°D41	12°39	14°54	12°21	1°41	4°57	4°40	27°23	13°22	T 11
W12	13 58 32	1°22'49	20°50	20°24	13°38	11° 8	24°41	12°44	14°52	12°23	1°42	4°45	4°37	27°30	13°23	W12
T 13	14 2 29	2°21'07	3♉28	22°23	14°45	11°28	24°42	12°50	14°50	12°25	1°43	4°32	4°34	27°36	13°24	T 13
F 14	14 6 25	3°19'22	15°55	24°23	15°52	11°49	24°42	12°55	14°47	12°28	1°44	4°18	4°31	27°43	13°25	F 14
S 15	14 10 22	4°17'37	28° 9	26°24	16°59	12°10	24°43	13° 1	14°45	12°30	1°45	4° 6	4°28	27°50	13°27	S 15
S 16	14 14 18	5°15'49	10♊13	28°27	18° 6	12°32	24°43	13° 6	14°42	12°32	1°46	3°55	4°25	27°56	13°28	S 16
M17	14 18 15	6°13'59	22° 8	0♋32	19°12	12°54	24°44	13°12	14°40	12°34	1°47	3°47	4°21	28° 3	13°30	M17
T 18	14 22 11	7°12'07	3♋57	2°38	20°18	13°16	24°45	13°17	14°38	12°37	1°47	3°42	4°18	28°10	13°31	T 18
W19	14 26 8	8°10'14	15°45	4°45	21°24	13°38	24°47	13°22	14°35	12°39	1°48	3°39	4°15	28°16	13°33	W19
T 20	14 30 5	9° 8'19	27°36	6°53	22°30	14° 1	24°48	13°28	14°33	12°41	1°49	3°38	4°12	28°23	13°35	T 20
F 21	14 34 1	10° 6'21	9♌36	9° 2	23°36	14°24	24°50	13°33	14°31	12°43	1°50	3°38	4° 9	28°30	13°37	F 21
S 22	14 37 58	11° 4'22	21°49	11°12	24°41	14°47	24°52	13°38	14°29	12°46	1°51	3°38	4° 5	28°36	13°39	S 22
S 23	14 41 54	12° 2'21	4♍21	13°23	25°46	15°11	24°54	13°43	14°27	12°48	1°51	3°36	4° 2	28°43	13°41	S 23
M24	14 45 51	13° 0'17	17°17	15°33	26°51	15°35	24°56	13°48	14°24	12°50	1°52	3°32	3°59	28°50	13°43	M24
T 25	14 49 47	13°58'12	0♎40	17°44	27°56	15°59	24°58	13°53	14°22	12°52	1°53	3°26	3°56	28°56	13°45	T 25
W26	14 53 44	14°56'06	14°31	19°54	29° 0	16°24	25° 1	13°57	14°20	12°55	1°53	3°18	3°53	29° 3	13°48	W26
T 27	14 57 40	15°53'57	28°48	22° 3	0♋ 5	16°48	25° 4	14° 2	14°18	12°57	1°54	3° 7	3°50	29°10	13°50	T 27
F 28	15 1 37	16°51'47	13♏27	24°12	1° 9	17°13	25° 7	14° 7	14°16	12°59	1°55	2°56	3°46	29°16	13°53	F 28
S 29	15 5 34	17°49'36	28°20	26°20	2°12	17°39	25°10	14°11	14°14	13° 1	1°55	2°46	3°43	29°23	13°56	S 29
S 30	15 9 30	18♉47'23	13♐18	28♉26	3♋16	18♌ 4	25♌13	14♓16	14♎12	13♉ 4	1♓56	2♌38	3♌40	29♊30	13♌59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 5	12s53	4n53	2s 4	2s28	22n15	1n51	20n52	2n35	14n28	1n16	8s49	1s44	5s26	0n41	13n48	1s45	22s28	12s22	18n54	19n 1	20n12	10n26	6s42
S 2	8 27	16 37	4 26	1 22	2 26	22 32	1 54	20 46	2 33	14 28	1 16	8 47	1 44	5 25	0 41	13 49	1 45	22 28	12 22	18 56	19 2	20 13	10 26	6 42
M 3	8 49	19 19	3 41	0 39	2 23	22 48	1 57	20 39	2 32	14 29	1 16	8 44	1 44	5 24	0 41	13 50	1 45	22 28	12 22	18 58	19 2	20 14	10 27	6 41
T 4	9 11	20 45	2 43	0n 5	2 20	23 4	2 0	20 33	2 30	14 29	1 16	8 42	1 44	5 23	0 41	13 50	1 45	22 28	12 23	18 59	19 3	20 15	10 28	6 40
W 5	9 32	20 50	1 36	0 50	2 16	23 19	2 3	20 27	2 28	14 29	1 16	8 40	1 45	5 22	0 41	13 51	1 45	22 27	12 23	18 59	19 4	20 16	10 29	6 39
T 6	9 54	19 37	0 23	1 36	2 12	23 34	2 6	20 20	2 26	14 30	1 16	8 38	1 45	5 21	0 41	13 52	1 45	22 27	12 23	18 59	19 5	20 17	10 29	6 38
F 7	10 15	17 14	0s50	2 23	2 7	23 48	2 8	20 14	2 24	14 30	1 15	8 36	1 45	5 20	0 40	13 52	1 45	22 27	12 23	18 59	19 5	20 18	10 30	6 37
S 8	10 36	13 56	1 59	3 11	2 2	24 2	2 11	20 7	2 22	14 30	1 15	8 34	1 45	5 19	0 40	13 53	1 45	22 27	12 24	18 59	19 6	20 18	10 31	6 37
S 9	10 57	9 56	3 0	4 0	1 56	24 15	2 14	20 0	2 21	14 30	1 15	8 32	1 45	5 18	0 40	13 54	1 45	22 27	12 24	19 0	19 7	20 19	10 31	6 36
M10	11 18	5 32	3 50	4 49	1 50	24 27	2 16	19 53	2 19	14 30	1 15	8 29	1 45	5 17	0 40	13 54	1 45	22 27	12 24	19 2	19 8	20 20	10 32	6 35
T 11	11 39	0 55	4 28	5 40	1 43	24 39	2 19	19 46	2 17	14 30	1 15	8 27	1 46	5 16	0 40	13 55	1 45	22 27	12 25	19 4	19 8	20 21	10 33	6 34
W12	11 59	3n39	4 51	6 30	1 36	24 50	2 21	19 39	2 15	14 30	1 15	8 25	1 46	5 15	0 40	13 56	1 45	22 27	12 25	19 7	19 9	20 22	10 33	6 33
T 13	12 19	8 0	5 0	7 22	1 28	25 0	2 24	19 31	2 14	14 29	1 14	8 23	1 46	5 14	0 40	13 56	1 45	22 27	12 25	19 10	19 10	20 23	10 34	6 32
F 14	12 39	11 57	4 54	8 14	1 20	25 10	2 26	19 24	2 12	14 29	1 14	8 21	1 46	5 13	0 40	13 57	1 45	22 26	12 26	19 14	19 11	20 23	10 34	6 32
S 15	12 59	15 20	4 34	9 6	1 11	25 19	2 28	19 16	2 10	14 29	1 14	8 19	1 46	5 12	0 40	13 58	1 45	22 26	12 26	19 17	19 11	20 24	10 35	6 31
S 16	13 18	18 2	4 3	9 59	1 3	25 27	2 30	19 8	2 9	14 28	1 14	8 18	1 47	5 11	0 40	13 59	1 45	22 26	12 26	19 19	19 12	20 25	10 35	6 30
M17	13 38	19 55	3 21	10 51	0 53	25 35	2 32	19 1	2 7	14 28	1 14	8 16	1 47	5 10	0 40	13 59	1 45	22 26	12 26	19 21	19 13	20 26	10 36	6 29
T 18	13 57	20 56	2 30	11 44	0 44	25 42	2 34	18 53	2 5	14 27	1 14	8 14	1 47	5 10	0 40	14 0	1 45	22 26	12 27	19 22	19 14	20 27	10 36	6 28
W19	14 16	21 1	1 33	12 37	0 34	25 49	2 36	18 45	2 4	14 27	1 13	8 12	1 47	5 9	0 40	14 1	1 45	22 26	12 27	19 23	19 14	20 27	10 36	6 27
T 20	14 35	20 10	0 32	13 29	0 23	25 55	2 38	18 37	2 2	14 26	1 13	8 10	1 47	5 8	0 40	14 1	1 45	22 26	12 27	19 23	19 15	20 28	10 37	6 27
F 21	14 53	18 24	0n32	14 20	0 13	26 0	2 40	18 28	2 1	14 25	1 13	8 8	1 48	5 7	0 40	14 2	1 45	22 26	12 28	19 23	19 16	20 29	10 37	6 26
S 22	15 11	15 46	1 35	15 11	0 2	26 4	2 41	18 20	1 59	14 25	1 13	8 6	1 48	5 6	0 40	14 3	1 45	22 26	12 28	19 23	19 17	20 30	10 37	6 25
S 23	15 29	12 21	2 35	16 1	0n 8	26 8	2 43	18 11	1 58	14 24	1 13	8 5	1 48	5 5	0 40	14 3	1 45	22 26	12 28	19 24	19 17	20 31	10 37	6 24
M24	15 47	8 15	3 29	16 50	0 19	26 12	2 44	18 3	1 56	14 23	1 13	8 3	1 48	5 5	0 40	14 4	1 45	22 26	12 29	19 24	19 18	20 31	10 37	6 23
T 25	16 4	3 37	4 14	17 37	0 29	26 14	2 46	17 54	1 54	14 22	1 13	8 1	1 48	5 4	0 40	14 5	1 45	22 26	12 29	19 26	19 19	20 32	10 38	6 22
W26	16 21	1s21	4 46	18 23	0 40	26 16	2 47	17 45	1 53	14 21	1 12	8 0	1 49	5 3	0 40	14 5	1 45	22 26	12 29	19 28	19 20	20 33	10 38	6 22
T 27	16 38	6 23	5 1	19 8	0 50	26 18	2 48	17 36	1 51	14 20	1 12	7 58	1 49	5 2	0 40	14 6	1 45	22 27	12 30	19 30	19 20	20 34	10 38	6 21
F 28	16 55	11 12	4 56	19 50	1 0	26 18	2 49	17 27	1 50	14 19	1 12	7 56	1 49	5 1	0 40	14 7	1 45	22 27	12 30	19 33	19 21	20 34	10 38	6 20
S 29	17 11	15 24	4 32	20 30	1 9	26 18	2 50	17 18	1 49	14 18	1 12	7 55	1 49	5 1	0 40	14 7	1 45	22 27	12 30	19 35	19 22	20 35	10 38	6 19
S 30	17n27	18s39	3n49	21n 7	1n18	26n18	2n50	17n 9	1n47	14n16	1n12	7s53	1s49	5s 0	0n40	14n 8	1s45	22s27	12s31	19n37	19n23	20n36	10n38	6s18

Julian Day Number = 2288381.5, Delta T = 172.85 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'23, Lahiri = 17°37'23 Julian Calendar 1 Apr. 1553 == Greg. Calendar 11 Apr. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

MAY 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 13 27	19♉45'09	28♐13	0♊30	4♋19	18♌30	25♌16	14♓20	14°R10	13♉ 6	1♓56	2°R31	3♌37	29♊36	14♌ 1	M 1
T 2	15 17 23	20°42'53	12♑56	2°33	5°22	18°56	25°20	14°25	14♎ 8	13° 8	1°57	2♌28	3°34	29°43	14° 5	T 2
W 3	15 21 20	21°40'37	27°22	4°34	6°24	19°22	25°24	14°29	14° 6	13°10	1°57	2°D27	3°31	29°50	14° 8	W 3
T 4	15 25 16	22°38'19	11♒30	6°32	7°27	19°49	25°28	14°33	14° 5	13°13	1°58	2°27	3°27	29°56	14°11	T 4
F 5	15 29 13	23°36'01	25°17	8°27	8°29	20°15	25°32	14°37	14° 3	13°15	1°58	2°R27	3°24	0♋ 3	14°14	F 5
S 6	15 33 9	24°33'41	8♓46	10°21	9°30	20°42	25°36	14°41	14° 1	13°17	1°59	2°26	3°21	0°10	14°18	S 6
S 7	15 37 6	25°31'20	21°58	12°11	10°32	21° 9	25°40	14°45	13°59	13°19	1°59	2°23	3°18	0°16	14°21	S 7
M 8	15 41 3	26°28'58	4♈56	13°59	11°33	21°36	25°45	14°49	13°58	13°21	2° 0	2°18	3°15	0°23	14°25	M 8
T 9	15 44 59	27°26'35	17°40	15°44	12°33	22° 4	25°50	14°53	13°56	13°24	2° 0	2°10	3°11	0°30	14°29	T 9
W10	15 48 56	28°24'12	0♉12	17°25	13°34	22°32	25°54	14°56	13°54	13°26	2° 0	2° 0	3° 8	0°36	14°32	W10
T 11	15 52 52	29°21'47	12°34	19° 4	14°34	23° 0	25°59	15° 0	13°53	13°28	2° 1	1°49	3° 5	0°43	14°36	T 11
F 12	15 56 49	0♊19'21	24°46	20°40	15°33	23°28	26° 5	15° 4	13°51	13°30	2° 1	1°38	3° 2	0°50	14°40	F 12
S 13	16 0 45	1°16'54	6♊50	22°13	16°33	23°56	26°10	15° 7	13°50	13°32	2° 1	1°27	2°59	0°56	14°44	S 13
S 14	16 4 42	2°14'26	18°46	23°43	17°31	24°25	26°15	15°10	13°48	13°35	2° 1	1°18	2°56	1° 3	14°49	S 14
M15	16 8 38	3°11'56	0♋37	25°10	18°30	24°53	26°21	15°14	13°47	13°37	2° 2	1°11	2°52	1°10	14°53	M15
T 16	16 12 35	4° 9'26	12°24	26°33	19°28	25°22	26°27	15°17	13°46	13°39	2° 2	1° 7	2°49	1°16	14°57	T 16
W17	16 16 32	5° 6'54	24°11	27°53	20°26	25°51	26°33	15°20	13°44	13°41	2° 2	1° 5	2°46	1°23	15° 2	W17
T 18	16 20 28	6° 4'21	6♌ 2	29°10	21°23	26°21	26°39	15°23	13°43	13°43	2° 2	1°D 5	2°43	1°30	15° 6	T 18
F 19	16 24 25	7° 1'47	18° 2	0♋24	22°19	26°50	26°45	15°26	13°42	13°45	2° 2	1° 6	2°40	1°36	15°11	F 19
S 20	16 28 21	7°59'12	0♍14	1°35	23°16	27°20	26°51	15°29	13°41	13°47	2° 2	1° 7	2°37	1°43	15°16	S 20
S 21	16 32 18	8°56'36	12°44	2°42	24°11	27°50	26°58	15°31	13°40	13°49	2° 2	1°R 7	2°33	1°50	15°21	S 21
M22	16 36 14	9°53'58	25°37	3°45	25° 6	28°20	27° 4	15°34	13°38	13°51	2° 2	1° 6	2°30	1°56	15°25	M22
T 23	16 40 11	10°51'19	8♎57	4°45	26° 1	28°50	27°11	15°37	13°37	13°54	2°R 2	1° 3	2°27	2° 3	15°30	T 23
W24	16 44 7	11°48'39	22°46	5°42	26°55	29°20	27°18	15°39	13°36	13°56	2° 2	0°58	2°24	2°10	15°35	W24
T 25	16 48 4	12°45'59	7♏ 3	6°35	27°49	29°51	27°25	15°41	13°36	13°58	2° 2	0°51	2°21	2°16	15°41	T 25
F 26	16 52 1	13°43'17	21°46	7°24	28°42	0♍21	27°32	15°44	13°35	14° 0	2° 2	0°44	2°17	2°23	15°46	F 26
S 27	16 55 57	14°40'34	6♐47	8° 9	29°34	0°52	27°40	15°46	13°34	14° 2	2° 2	0°38	2°14	2°30	15°51	S 27
S 28	16 59 54	15°37'51	21°59	8°50	0♌25	1°23	27°47	15°48	13°33	14° 4	2° 2	0°32	2°11	2°36	15°56	S 28
M29	17 3 50	16°35'07	7♑ 9	9°27	1°16	1°54	27°54	15°50	13°32	14° 6	2° 2	0°28	2° 8	2°43	16° 2	M29
T 30	17 7 47	17°32'23	22°10	10° 0	2° 7	2°25	28° 2	15°52	13°32	14° 8	2° 2	0°26	2° 5	2°50	16° 7	T 30
W31	17 11 43	18♊29'38	6♒53	10♋29	2♌56	2♍57	28♌10	15♓54	13♎31	14♉ 9	2♓ 2	0°D26	2♌ 2	2♋56	16♌13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n43	20s38	2n51	21n43	1n26	26n17	2n51	17n 0	1n46	14n15	1n12	7s52	1s50	4s59	0n40	14n 9	1s45	22s27	12s31	19n39	19n23	20n37	10n38	6s17
T 2	17 58	21 11	1 42	22 16	1 34	26 15	2 52	16 50	1 44	14 14	1 11	7 50	1 50	4 58	0 40	14 9	1 45	22 27	12 31	19 39	19 24	20 37	10 38	6 17
W 3	18 14	20 18	0 27	22 46	1 42	26 12	2 52	16 40	1 43	14 12	1 11	7 49	1 50	4 58	0 40	14 10	1 45	22 27	12 32	19 40	19 25	20 38	10 38	6 16
T 4	18 28	18 9	0s48	23 14	1 48	26 9	2 52	16 31	1 41	14 11	1 11	7 47	1 50	4 57	0 40	14 11	1 45	22 27	12 32	19 40	19 26	20 39	10 37	6 15
F 5	18 43	14 59	1 58	23 39	1 54	26 6	2 52	16 21	1 40	14 9	1 11	7 46	1 50	4 56	0 40	14 11	1 45	22 27	12 32	19 40	19 26	20 40	10 37	6 14
S 6	18 57	11 5	3 1	24 2	2 0	26 1	2 52	16 11	1 39	14 8	1 11	7 45	1 51	4 56	0 40	14 12	1 45	22 28	12 33	19 40	19 27	20 40	10 37	6 14
S 7	19 11	6 44	3 52	24 22	2 4	25 56	2 52	16 1	1 37	14 6	1 11	7 43	1 51	4 55	0 40	14 13	1 45	22 28	12 33	19 40	19 28	20 41	10 37	6 13
M 8	19 25	2 10	4 30	24 39	2 8	25 51	2 52	15 51	1 36	14 4	1 10	7 42	1 51	4 54	0 40	14 13	1 45	22 28	12 33	19 42	19 29	20 42	10 36	6 12
T 9	19 38	2n25	4 54	24 54	2 11	25 45	2 52	15 41	1 35	14 3	1 10	7 41	1 51	4 54	0 40	14 14	1 45	22 28	12 34	19 43	19 29	20 43	10 36	6 11
W10	19 51	6 50	5 3	25 7	2 13	25 38	2 51	15 30	1 33	14 1	1 10	7 40	1 52	4 53	0 40	14 15	1 45	22 28	12 34	19 46	19 30	20 43	10 36	6 10
T 11	20 4	10 55	4 58	25 17	2 15	25 31	2 50	15 20	1 32	13 59	1 10	7 38	1 52	4 53	0 40	14 15	1 45	22 29	12 35	19 48	19 31	20 44	10 35	6 10
F 12	20 16	14 29	4 39	25 25	2 15	25 24	2 50	15 9	1 31	13 57	1 10	7 37	1 52	4 52	0 40	14 16	1 45	22 29	12 35	19 51	19 32	20 45	10 35	6 9
S 13	20 28	17 25	4 8	25 31	2 15	25 15	2 49	14 59	1 29	13 55	1 10	7 36	1 52	4 52	0 40	14 17	1 45	22 29	12 35	19 53	19 32	20 45	10 35	6 8
S 14	20 40	19 36	3 26	25 34	2 14	25 7	2 47	14 48	1 28	13 53	1 10	7 35	1 53	4 51	0 40	14 17	1 45	22 29	12 36	19 55	19 33	20 46	10 34	6 7
M15	20 51	20 54	2 36	25 36	2 12	24 57	2 46	14 37	1 27	13 51	1 9	7 34	1 53	4 51	0 40	14 18	1 45	22 29	12 36	19 56	19 34	20 47	10 34	6 7
T 16	21 2	21 17	1 39	25 36	2 9	24 48	2 45	14 26	1 26	13 49	1 9	7 33	1 53	4 50	0 40	14 18	1 45	22 30	12 36	19 57	19 35	20 48	10 33	6 6
W17	21 12	20 43	0 37	25 35	2 6	24 37	2 43	14 15	1 24	13 47	1 9	7 32	1 53	4 50	0 39	14 19	1 45	22 30	12 37	19 58	19 35	20 48	10 32	6 5
T 18	21 22	19 14	0n27	25 31	2 2	24 27	2 41	14 4	1 23	13 45	1 9	7 31	1 53	4 49	0 39	14 20	1 45	22 30	12 37	19 58	19 36	20 49	10 32	6 4
F 19	21 32	16 53	1 30	25 26	1 57	24 16	2 39	13 53	1 22	13 42	1 9	7 30	1 54	4 49	0 39	14 20	1 45	22 31	12 37	19 58	19 37	20 50	10 31	6 4
S 20	21 42	13 46	2 30	25 20	1 51	24 4	2 37	13 41	1 21	13 40	1 9	7 29	1 54	4 48	0 39	14 21	1 45	22 31	12 38	19 57	19 37	20 50	10 31	6 3
S 21	21 51	9 57	3 25	25 12	1 44	23 52	2 35	13 30	1 19	13 38	1 9	7 28	1 54	4 48	0 39	14 21	1 45	22 31	12 38	19 57	19 38	20 51	10 30	6 2
M22	21 59	5 35	4 11	25 3	1 37	23 40	2 32	13 18	1 18	13 35	1 8	7 28	1 54	4 47	0 39	14 22	1 45	22 31	12 38	19 58	19 39	20 52	10 29	6 2
T 23	22 8	0 49	4 46	24 53	1 29	23 27	2 30	13 7	1 17	13 33	1 8	7 27	1 55	4 47	0 39	14 23	1 45	22 32	12 39	19 58	19 40	20 52	10 28	6 1
W24	22 15	4s 9	5 5	24 42	1 20	23 13	2 27	12 55	1 16	13 30	1 8	7 26	1 55	4 47	0 39	14 23	1 45	22 32	12 39	19 59	19 40	20 53	10 28	6 0
T 25	22 23	9 4	5 6	24 30	1 10	23 0	2 24	12 43	1 15	13 28	1 8	7 25	1 55	4 46	0 39	14 24	1 45	22 32	12 39	20 1	19 41	20 54	10 27	5 59
F 26	22 30	13 37	4 48	24 17	1 0	22 46	2 20	12 31	1 13	13 25	1 8	7 25	1 55	4 46	0 39	14 24	1 45	22 33	12 40	20 2	19 42	20 54	10 26	5 59
S 27	22 37	17 24	4 9	24 3	0 49	22 31	2 17	12 19	1 12	13 22	1 8	7 24	1 56	4 46	0 39	14 25	1 45	22 33	12 40	20 4	19 42	20 55	10 25	5 58
S 28	22 43	20 3	3 13	23 49	0 37	22 17	2 13	12 7	1 11	13 20	1 8	7 24	1 56	4 46	0 39	14 26	1 45	22 33	12 40	20 5	19 43	20 56	10 24	5 57
M29	22 49	21 15	2 3	23 34	0 24	22 2	2 9	11 55	1 10	13 17	1 7	7 23	1 56	4 45	0 39	14 26	1 45	22 34	12 41	20 6	19 44	20 56	10 23	5 57
T 30	22 55	20 56	0 45	23 18	0 11	21 46	2 5	11 42	1 9	13 14	1 7	7 23	1 56	4 45	0 39	14 27	1 45	22 34	12 41	20 6	19 45	20 57	10 22	5 56
W31	23n 0	19s10	0s35	23n 2	0s 2	21n31	2n 1	11n30	1n 8	13n11	1n 7	7s22	1s57	4s45	0n39	14n27	1s45	22s35	12s41	20n 6	19n45	20n57	10n21	5s55

Julian Day Number = 2288411.5, Delta T = 172.67 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'27, Lahiri = 17°37'27 Julian Calendar 1 May 1553 == Greg. Calendar 11 May 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

JUNE 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 15 40	19♊26'53	21♒14	10♋53	3♌45	3♍28	28♌18	15♓55	13°R30	14♉11	2°R 2	0♌27	1♌58	3♋ 3	16♌19	T 1
F 2	17 19 36	20°24'08	5♓11	11°13	4°33	4° 0	28°26	15°57	13♎30	14°13	2♓ 1	0°28	1°55	3°10	16°24	F 2
S 3	17 23 33	21°21'22	18°43	11°28	5°21	4°31	28°34	15°58	13°29	14°15	2° 1	0°R29	1°52	3°16	16°30	S 3
S 4	17 27 30	22°18'36	1♈53	11°39	6° 7	5° 3	28°42	16° 0	13°29	14°17	2° 1	0°29	1°49	3°23	16°36	S 4
M 5	17 31 26	23°15'50	14°44	11°46	6°53	5°35	28°51	16° 1	13°29	14°19	2° 1	0°27	1°46	3°30	16°42	M 5
T 6	17 35 23	24°13'04	27°19	11°R48	7°38	6° 8	28°59	16° 2	13°28	14°21	2° 0	0°23	1°42	3°36	16°48	T 6
W 7	17 39 19	25°10'17	9♉39	11°45	8°22	6°40	29° 8	16° 3	13°28	14°23	2° 0	0°18	1°39	3°43	16°54	W 7
T 8	17 43 16	26° 7'31	21°49	11°38	9° 5	7°12	29°16	16° 4	13°28	14°24	1°59	0°13	1°36	3°50	17° 0	T 8
F 9	17 47 12	27° 4'44	3♊50	11°26	9°47	7°45	29°25	16° 5	13°28	14°26	1°59	0° 7	1°33	3°56	17° 7	F 9
S 10	17 51 9	28° 1'57	15°45	11°10	10°27	8°18	29°34	16° 6	13°28	14°28	1°59	0° 1	1°30	4° 3	17°13	S 10
S 11	17 55 5	28°59'11	27°36	10°51	11° 7	8°51	29°43	16° 7	13°27	14°30	1°58	29♋57	1°27	4°10	17°19	S 11
M12	17 59 2	29°56'23	9♋24	10°27	11°46	9°24	29°52	16° 7	13°D27	14°31	1°58	29°54	1°23	4°16	17°26	M12
T 13	18 2 59	0♋53'36	21°11	10° 0	12°24	9°57	0♍ 1	16° 8	13°28	14°33	1°57	29°52	1°20	4°23	17°32	T 13
W14	18 6 55	1°50'49	3♌ 1	9°30	13° 0	10°30	0°11	16° 8	13°28	14°35	1°57	29°D52	1°17	4°30	17°39	W14
T 15	18 10 52	2°48'01	14°56	8°58	13°36	11° 3	0°20	16° 9	13°28	14°36	1°56	29°52	1°14	4°36	17°45	T 15
F 16	18 14 48	3°45'13	26°59	8°24	14°10	11°37	0°30	16° 9	13°28	14°38	1°56	29°54	1°11	4°43	17°52	F 16
S 17	18 18 45	4°42'24	9♍14	7°48	14°42	12°10	0°39	16°R 9	13°28	14°40	1°55	29°56	1° 8	4°50	17°59	S 17
S 18	18 22 41	5°39'35	21°46	7°11	15°14	12°44	0°49	16° 9	13°29	14°41	1°55	29°57	1° 4	4°56	18° 5	S 18
M19	18 26 38	6°36'46	4♎37	6°34	15°43	13°18	0°59	16° 9	13°29	14°43	1°54	29°R57	1° 1	5° 3	18°12	M19
T 20	18 30 34	7°33'57	17°52	5°57	16°12	13°52	1° 9	16° 9	13°29	14°44	1°53	29°57	0°58	5°10	18°19	T 20
W21	18 34 31	8°31'08	1♏34	5°22	16°39	14°26	1°19	16° 8	13°30	14°46	1°53	29°56	0°55	5°16	18°26	W21
T 22	18 38 28	9°28'18	15°42	4°48	17° 4	15° 0	1°29	16° 8	13°30	14°47	1°52	29°54	0°52	5°23	18°33	T 22
F 23	18 42 24	10°25'28	0♐16	4°16	17°27	15°35	1°39	16° 7	13°31	14°49	1°51	29°51	0°48	5°30	18°40	F 23
S 24	18 46 21	11°22'39	15°11	3°47	17°49	16° 9	1°49	16° 7	13°31	14°50	1°51	29°49	0°45	5°36	18°47	S 24
S 25	18 50 17	12°19'49	0♑20	3°21	18° 9	16°43	1°59	16° 6	13°32	14°52	1°50	29°47	0°42	5°43	18°54	S 25
M26	18 54 14	13°17'00	15°32	2°59	18°27	17°18	2°10	16° 5	13°33	14°53	1°49	29°46	0°39	5°50	19° 1	M26
T 27	18 58 10	14°14'11	0♒40	2°42	18°43	17°53	2°20	16° 4	13°34	14°54	1°48	29°D46	0°36	5°56	19° 9	T 27
W28	19 2 7	15°11'22	15°34	2°29	18°58	18°28	2°31	16° 3	13°34	14°56	1°48	29°46	0°33	6° 3	19°16	W28
T 29	19 6 4	16° 8'34	0♓ 6	2°20	19°10	19° 2	2°42	16° 2	13°35	14°57	1°47	29°47	0°29	6°10	19°23	T 29
F 30	19 10 0	17♋ 5'46	14♓14	2°D17	19♌20	19♍37	2♍52	16♓ 1	13♎36	14♉58	1♓46	29♋48	0♌26	6♋16	19♌31	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	16s12	1s51	22n46	0s17	21n15	1n57	11n18	1n 7	13n 9	1n 7	7s22	1s57	4s45	0n39	14n28	1s45	22s35	12s42	20n 6	19n46	20n58	10n20	5s55
F 2	23 9	12 23	2 58	22 30	0 32	20 59	1 52	11 5	1 6	13 6	1 7	7 21	1 57	4 45	0 39	14 28	1 45	22 35	12 42	20 6	19 47	20 59	10 19	5 54
S 3	23 13	8 2	3 53	22 13	0 47	20 42	1 47	10 52	1 4	13 3	1 7	7 21	1 57	4 44	0 39	14 29	1 45	22 36	12 43	20 6	19 47	20 59	10 18	5 54
S 4	23 16	3 26	4 34	21 57	1 2	20 26	1 42	10 40	1 3	13 0	1 7	7 21	1 58	4 44	0 39	14 29	1 45	22 36	12 43	20 6	19 48	21 0	10 17	5 53
M 5	23 19	1n13	5 0	21 40	1 18	20 9	1 36	10 27	1 2	12 57	1 7	7 20	1 58	4 44	0 39	14 30	1 45	22 37	12 43	20 6	19 49	21 1	10 16	5 52
T 6	23 22	5 42	5 11	21 24	1 34	19 52	1 31	10 14	1 1	12 54	1 6	7 20	1 58	4 44	0 39	14 30	1 45	22 37	12 44	20 7	19 50	21 1	10 15	5 52
W 7	23 24	9 53	5 7	21 8	1 51	19 35	1 25	10 1	1 0	12 50	1 6	7 20	1 59	4 44	0 39	14 31	1 45	22 37	12 44	20 8	19 50	21 2	10 13	5 51
T 8	23 26	13 36	4 50	20 52	2 7	19 18	1 19	9 48	0 59	12 47	1 6	7 20	1 59	4 44	0 39	14 31	1 45	22 38	12 44	20 9	19 51	21 2	10 12	5 51
F 9	23 28	16 43	4 19	20 37	2 23	19 0	1 12	9 35	0 58	12 44	1 6	7 20	1 59	4 44	0 39	14 32	1 45	22 38	12 45	20 10	19 52	21 3	10 11	5 50
S 10	23 29	19 7	3 38	20 23	2 39	18 43	1 6	9 21	0 57	12 41	1 6	7 20	1 59	4 44	0 39	14 32	1 45	22 39	12 45	20 12	19 52	21 3	10 10	5 49
S 11	23 30	20 41	2 48	20 8	2 55	18 25	0 59	9 8	0 56	12 38	1 6	7 20	2 0	4 44	0 39	14 33	1 45	22 39	12 45	20 13	19 53	21 4	10 8	5 49
M12	23 30	21 20	1 50	19 55	3 10	18 7	0 52	8 55	0 55	12 34	1 6	7 20	2 0	4 44	0 38	14 33	1 46	22 40	12 45	20 13	19 54	21 5	10 7	5 48
T 13	23 30	21 2	0 47	19 43	3 25	17 50	0 44	8 41	0 54	12 31	1 6	7 20	2 0	4 44	0 38	14 34	1 46	22 40	12 46	20 14	19 55	21 5	10 5	5 48
W14	23 29	19 49	0n17	19 31	3 39	17 32	0 37	8 28	0 53	12 28	1 6	7 20	2 0	4 44	0 38	14 34	1 46	22 41	12 46	20 14	19 55	21 6	10 4	5 47
T 15	23 28	17 42	1 22	19 20	3 52	17 14	0 29	8 14	0 52	12 24	1 6	7 20	2 1	4 44	0 38	14 35	1 46	22 41	12 46	20 14	19 56	21 6	10 3	5 47
F 16	23 27	14 48	2 24	19 11	4 4	16 57	0 20	8 0	0 51	12 21	1 5	7 20	2 1	4 44	0 38	14 35	1 46	22 42	12 47	20 13	19 57	21 7	10 1	5 46
S 17	23 25	11 13	3 20	19 2	4 14	16 39	0 12	7 47	0 50	12 17	1 5	7 20	2 1	4 44	0 38	14 35	1 46	22 42	12 47	20 13	19 57	21 7	10 0	5 45
S 18	23 22	7 4	4 8	18 55	4 24	16 21	0 3	7 33	0 49	12 14	1 5	7 20	2 1	4 45	0 38	14 36	1 46	22 43	12 47	20 13	19 58	21 8	9 58	5 45
M19	23 20	2 31	4 45	18 49	4 32	16 4	0s 6	7 19	0 48	12 10	1 5	7 21	2 2	4 45	0 38	14 36	1 46	22 43	12 48	20 12	19 59	21 9	9 57	5 44
T 20	23 17	2s16	5 9	18 44	4 38	15 46	0 15	7 5	0 47	12 6	1 5	7 21	2 2	4 45	0 38	14 37	1 46	22 44	12 48	20 13	19 59	21 9	9 55	5 44
W21	23 13	7 7	5 15	18 41	4 43	15 29	0 25	6 51	0 46	12 3	1 5	7 21	2 2	4 45	0 38	14 37	1 46	22 44	12 48	20 13	20 0	21 10	9 53	5 43
T 22	23 9	11 44	5 4	18 39	4 46	15 12	0 35	6 37	0 45	11 59	1 5	7 22	2 2	4 45	0 38	14 37	1 46	22 45	12 49	20 13	20 1	21 10	9 52	5 43
F 23	23 5	15 49	4 32	18 38	4 48	14 55	0 45	6 22	0 44	11 55	1 5	7 22	2 3	4 46	0 38	14 38	1 46	22 45	12 49	20 14	20 1	21 11	9 50	5 42
S 24	23 0	18 59	3 42	18 39	4 48	14 38	0 56	6 8	0 43	11 52	1 5	7 23	2 3	4 46	0 38	14 38	1 46	22 46	12 49	20 14	20 2	21 11	9 48	5 42
S 25	22 55	20 54	2 36	18 41	4 46	14 22	1 7	5 54	0 42	11 48	1 5	7 23	2 3	4 46	0 38	14 39	1 46	22 46	12 49	20 15	20 3	21 12	9 47	5 41
M26	22 50	21 18	1 18	18 45	4 43	14 6	1 18	5 39	0 41	11 44	1 4	7 24	2 3	4 47	0 38	14 39	1 46	22 47	12 50	20 15	20 4	21 12	9 45	5 41
T 27	22 44	20 8	0s 5	18 49	4 39	13 50	1 29	5 25	0 40	11 40	1 4	7 24	2 4	4 47	0 38	14 39	1 46	22 47	12 50	20 15	20 4	21 13	9 43	5 41
W28	22 38	17 35	1 26	18 56	4 33	13 35	1 41	5 10	0 39	11 36	1 4	7 25	2 4	4 47	0 38	14 40	1 46	22 48	12 50	20 15	20 5	21 13	9 41	5 40
T 29	22 31	13 58	2 40	19 3	4 26	13 19	1 53	4 56	0 38	11 32	1 4	7 26	2 4	4 48	0 38	14 40	1 46	22 48	12 51	20 15	20 6	21 14	9 40	5 40
F 30	22n24	9s38	3s42	19n11	4s17	13n 5	2s 5	4n41	0n37	11n28	1n 4	7s26	2s 4	4s48	0n38	14n40	1s46	22s49	12s51	20n14	20n 6	21n14	9n38	5s39

Julian Day Number = 2288442.5, Delta T = 172.49 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'31, Lahiri = 17°37'31 Julian Calendar 1 June 1553 == Greg. Calendar 11 June 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

JULY 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 13 57	18♋ 2'59	27♓55	2♋20	19♌28	20♍13	3♍ 3	16°R 0	13♎37	14♉59	1°R45	29♋49	0♌23	6♋23	19♌38	S 1
S 2	19 17 53	19° 0'12	11♈10	2°27	19°34	20°48	3°14	15♓58	13°38	15° 1	1♓44	29°49	0°20	6°29	19°45	S 2
M 3	19 21 50	19°57'27	24° 2	2°41	19°38	21°23	3°25	15°57	13°39	15° 2	1°44	29°R49	0°17	6°36	19°53	M 3
T 4	19 25 46	20°54'42	6♉34	3° 0	19°R39	21°59	3°36	15°55	13°41	15° 3	1°43	29°49	0°14	6°43	20° 0	T 4
W 5	19 29 43	21°51'58	18°50	3°25	19°38	22°34	3°47	15°54	13°42	15° 4	1°42	29°48	0°10	6°49	20° 8	W 5
T 6	19 33 39	22°49'15	0♊54	3°55	19°35	23°10	3°58	15°52	13°43	15° 5	1°41	29°47	0° 7	6°56	20°16	T 6
F 7	19 37 36	23°46'32	12°48	4°31	19°30	23°46	4° 9	15°50	13°44	15° 6	1°40	29°47	0° 4	7° 3	20°23	F 7
S 8	19 41 33	24°43'51	24°38	5°13	19°22	24°21	4°21	15°48	13°46	15° 7	1°39	29°46	0° 1	7° 9	20°31	S 8
S 9	19 45 29	25°41'10	6♋26	6° 0	19°12	24°57	4°32	15°46	13°47	15° 8	1°38	29°45	29♋58	7°16	20°39	S 9
M10	19 49 26	26°38'30	18°14	6°53	18°59	25°33	4°43	15°44	13°48	15° 9	1°37	29°45	29°54	7°23	20°46	M10
T 11	19 53 22	27°35'51	0♌ 6	7°52	18°44	26° 9	4°55	15°42	13°50	15°10	1°36	29°D45	29°51	7°29	20°54	T 11
W12	19 57 19	28°33'12	12° 2	8°56	18°27	26°46	5° 6	15°39	13°51	15°11	1°35	29°45	29°48	7°36	21° 2	W12
T 13	20 1 15	29°30'34	24° 6	10° 5	18° 7	27°22	5°18	15°37	13°53	15°12	1°34	29°R45	29°45	7°43	21°10	T 13
F 14	20 5 12	0♌27'57	6♍19	11°19	17°45	27°58	5°30	15°35	13°55	15°13	1°33	29°45	29°42	7°49	21°18	F 14
S 15	20 9 8	1°25'21	18°44	12°38	17°21	28°35	5°41	15°32	13°56	15°14	1°32	29°45	29°39	7°56	21°26	S 15
S 16	20 13 5	2°22'45	1♎24	14° 3	16°55	29°12	5°53	15°29	13°58	15°15	1°31	29°45	29°35	8° 3	21°34	S 16
M17	20 17 2	3°20'09	14°20	15°31	16°27	29°48	6° 5	15°27	14° 0	15°15	1°30	29°44	29°32	8° 9	21°42	M17
T 18	20 20 58	4°17'35	27°35	17° 5	15°58	0♎25	6°17	15°24	14° 2	15°16	1°29	29°44	29°29	8°16	21°50	T 18
W19	20 24 55	5°15'01	11♏11	18°42	15°26	1° 2	6°29	15°21	14° 4	15°17	1°27	29°D44	29°26	8°23	21°58	W19
T 20	20 28 51	6°12'28	25° 8	20°24	14°53	1°39	6°41	15°18	14° 5	15°18	1°26	29°45	29°23	8°29	22° 6	T 20
F 21	20 32 48	7° 9'56	9♐27	22° 9	14°19	2°16	6°53	15°15	14° 7	15°18	1°25	29°45	29°20	8°36	22°14	F 21
S 22	20 36 44	8° 7'24	24° 5	23°58	13°44	2°53	7° 5	15°12	14° 9	15°19	1°24	29°46	29°16	8°43	22°22	S 22
S 23	20 40 41	9° 4'53	8♑57	25°49	13° 8	3°30	7°17	15° 9	14°12	15°19	1°23	29°46	29°13	8°49	22°30	S 23
M24	20 44 37	10° 2'24	23°57	27°43	12°31	4° 8	7°29	15° 5	14°14	15°20	1°22	29°R47	29°10	8°56	22°38	M24
T 25	20 48 34	10°59'55	8♒57	29°40	11°54	4°45	7°41	15° 2	14°16	15°20	1°21	29°47	29° 7	9° 3	22°46	T 25
W26	20 52 31	11°57'27	23°48	1♌38	11°16	5°23	7°54	14°59	14°18	15°21	1°19	29°46	29° 4	9° 9	22°54	W26
T 27	20 56 27	12°55'01	8♓23	3°38	10°39	6° 0	8° 6	14°55	14°20	15°21	1°18	29°45	29° 0	9°16	23° 2	T 27
F 28	21 0 24	13°52'36	22°36	5°38	10° 2	6°38	8°18	14°51	14°22	15°22	1°17	29°43	28°57	9°23	23°11	F 28
S 29	21 4 20	14°50'12	6♈24	7°40	9°25	7°16	8°31	14°48	14°25	15°22	1°16	29°41	28°54	9°29	23°19	S 29
S 30	21 8 17	15°47'50	19°45	9°42	8°50	7°53	8°43	14°44	14°27	15°23	1°15	29°40	28°51	9°36	23°27	S 30
M31	21 12 13	16♌45'29	2♉41	11♌44	8♌15	8♎31	8♍55	14♓40	14♎29	15♉23	1♓13	29♋38	28♋48	9♋42	23♌35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n17	4s57	4s30	19n21	4s 8	12n50	2s18	4n27	0n36	11n24	1n 4	7s27	2s 5	4s49	0n38	14n41	1s46	22s50	12s51	20n14	20n 7	21n15	9n36	5s39
S 2	22 9	0 11	5 1	19 31	3 58	12 36	2 30	4 12	0 35	11 20	1 4	7 28	2 5	4 49	0 38	14 41	1 46	22 50	12 51	20 14	20 8	21 15	9 34	5 38
M 3	22 0	4n27	5 16	19 42	3 46	12 23	2 43	3 57	0 34	11 16	1 4	7 29	2 5	4 49	0 38	14 41	1 46	22 51	12 52	20 14	20 8	21 16	9 32	5 38
T 4	21 52	8 47	5 15	19 53	3 34	12 10	2 56	3 42	0 34	11 12	1 4	7 29	2 5	4 50	0 38	14 41	1 47	22 51	12 52	20 14	20 9	21 16	9 30	5 38
W 5	21 43	12 39	5 0	20 6	3 22	11 57	3 10	3 27	0 33	11 8	1 4	7 30	2 6	4 50	0 38	14 42	1 47	22 52	12 52	20 14	20 10	21 17	9 28	5 37
T 6	21 34	15 57	4 32	20 18	3 8	11 46	3 23	3 12	0 32	11 4	1 4	7 31	2 6	4 51	0 38	14 42	1 47	22 52	12 52	20 15	20 10	21 17	9 26	5 37
F 7	21 24	18 33	3 52	20 31	2 55	11 34	3 37	2 57	0 31	11 0	1 4	7 32	2 6	4 51	0 37	14 42	1 47	22 53	12 53	20 15	20 11	21 18	9 24	5 36
S 8	21 14	20 20	3 3	20 43	2 40	11 24	3 51	2 42	0 30	10 56	1 4	7 33	2 6	4 52	0 37	14 43	1 47	22 54	12 53	20 15	20 12	21 18	9 22	5 36
S 9	21 3	21 15	2 6	20 56	2 26	11 14	4 4	2 27	0 29	10 51	1 4	7 34	2 7	4 53	0 37	14 43	1 47	22 54	12 53	20 15	20 12	21 19	9 20	5 36
M10	20 53	21 12	1 4	21 8	2 11	11 4	4 18	2 12	0 28	10 47	1 3	7 35	2 7	4 53	0 37	14 43	1 47	22 55	12 53	20 15	20 13	21 19	9 18	5 35
T 11	20 41	20 13	0n 2	21 19	1 56	10 56	4 32	1 57	0 27	10 43	1 3	7 36	2 7	4 54	0 37	14 43	1 47	22 55	12 54	20 15	20 14	21 19	9 16	5 35
W12	20 30	18 18	1 8	21 30	1 42	10 48	4 46	1 42	0 26	10 39	1 3	7 37	2 7	4 54	0 37	14 43	1 47	22 56	12 54	20 15	20 14	21 20	9 14	5 35
T 13	20 18	15 35	2 11	21 40	1 27	10 41	5 0	1 26	0 26	10 34	1 3	7 38	2 8	4 55	0 37	14 44	1 47	22 56	12 54	20 15	20 15	21 20	9 12	5 34
F 14	20 6	12 9	3 10	21 49	1 12	10 34	5 13	1 11	0 25	10 30	1 3	7 40	2 8	4 56	0 37	14 44	1 47	22 57	12 54	20 15	20 16	21 21	9 10	5 34
S 15	19 53	8 9	4 0	21 56	0 57	10 29	5 26	0 56	0 24	10 26	1 3	7 41	2 8	4 56	0 37	14 44	1 47	22 58	12 54	20 15	20 16	21 21	9 7	5 34
S 16	19 41	3 43	4 40	22 2	0 43	10 24	5 40	0 40	0 23	10 21	1 3	7 42	2 8	4 57	0 37	14 44	1 47	22 58	12 55	20 15	20 17	21 22	9 5	5 33
M17	19 27	0s57	5 6	22 6	0 29	10 20	5 52	0 25	0 22	10 17	1 3	7 43	2 8	4 58	0 37	14 44	1 47	22 59	12 55	20 15	20 18	21 22	9 3	5 33
T 18	19 14	5 42	5 17	22 9	0 16	10 17	6 5	0 9	0 21	10 12	1 3	7 45	2 9	4 59	0 37	14 45	1 47	22 59	12 55	20 15	20 18	21 22	9 1	5 33
W19	19 0	10 17	5 11	22 9	0 3	10 14	6 17	0s 6	0 20	10 8	1 3	7 46	2 9	4 59	0 37	14 45	1 47	23 0	12 55	20 15	20 19	21 23	8 59	5 32
T 20	18 46	14 27	4 47	22 6	0n10	10 13	6 28	0 21	0 20	10 3	1 3	7 47	2 9	5 0	0 37	14 45	1 47	23 1	12 55	20 15	20 20	21 23	8 56	5 32
F 21	18 31	17 53	4 5	22 2	0 22	10 12	6 39	0 37	0 19	9 59	1 3	7 49	2 9	5 1	0 37	14 45	1 48	23 1	12 56	20 15	20 20	21 24	8 54	5 32
S 22	18 17	20 16	3 6	21 55	0 33	10 12	6 50	0 53	0 18	9 54	1 3	7 50	2 9	5 2	0 37	14 45	1 48	23 2	12 56	20 15	20 21	21 24	8 52	5 31
S 23	18 2	21 19	1 53	21 45	0 44	10 13	6 59	1 8	0 17	9 50	1 3	7 52	2 10	5 3	0 37	14 45	1 48	23 2	12 56	20 15	20 22	21 24	8 49	5 31
M24	17 46	20 50	0 32	21 32	0 53	10 14	7 8	1 24	0 16	9 45	1 3	7 53	2 10	5 3	0 37	14 45	1 48	23 3	12 56	20 15	20 22	21 25	8 47	5 31
T 25	17 31	18 53	0s51	21 17	1 2	10 16	7 17	1 39	0 15	9 41	1 3	7 54	2 10	5 4	0 37	14 45	1 48	23 3	12 56	20 15	20 23	21 25	8 45	5 31
W26	17 15	15 39	2 9	20 59	1 11	10 19	7 24	1 55	0 15	9 36	1 3	7 56	2 10	5 5	0 37	14 45	1 48	23 4	12 56	20 15	20 24	21 26	8 42	5 30
T 27	16 59	11 30	3 18	20 39	1 18	10 22	7 31	2 11	0 14	9 31	1 3	7 58	2 10	5 6	0 37	14 46	1 48	23 5	12 56	20 15	20 24	21 26	8 40	5 30
F 28	16 42	6 49	4 13	20 16	1 24	10 26	7 37	2 26	0 13	9 27	1 3	7 59	2 11	5 7	0 37	14 46	1 48	23 5	12 57	20 15	20 25	21 26	8 37	5 30
S 29	16 25	1 54	4 51	19 50	1 30	10 31	7 42	2 42	0 12	9 22	1 3	8 1	2 11	5 8	0 37	14 46	1 48	23 6	12 57	20 16	20 26	21 27	8 35	5 30
S 30	16 8	2n56	5 12	19 23	1 34	10 36	7 46	2 58	0 11	9 17	1 3	8 2	2 11	5 9	0 37	14 46	1 48	23 6	12 57	20 16	20 26	21 27	8 33	5 30
M31	15n51	7n29	5s16	18n53	1n38	10n41	7s49	3s14	0n11	9n13	1n 3	8s 4	2s11	5s10	0n37	14n46	1s48	23s 7	12s57	20n16	20n27	21n27	8n30	5s29

Julian Day Number = 2288472.5, Delta T = 172.31 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'35, Lahiri = 17°37'36 Julian Calendar 1 July 1553 == Greg. Calendar 11 July 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

AUGUST 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 16 10	17♌43'10	15♉15	13♌47	7°R42	9♎ 9	9♍ 8	14°R37	14♎32	15♉23	1°R12	29°D38	28♋45	9♋49	23♌43	T 1
W 2	21 20 6	18°40'53	27°31	15°48	7♌10	9°47	9°20	14♓33	14°34	15°23	1♓11	29♋38	28°41	9°56	23°52	W 2
T 3	21 24 3	19°38'37	9♊33	17°50	6°39	10°26	9°33	14°29	14°37	15°24	1°10	29°39	28°38	10° 2	24° 0	T 3
F 4	21 28 0	20°36'23	21°25	19°50	6°11	11° 4	9°46	14°25	14°39	15°24	1° 8	29°40	28°35	10° 9	24° 8	F 4
S 5	21 31 56	21°34'10	3♋14	21°50	5°44	11°42	9°58	14°21	14°42	15°24	1° 7	29°42	28°32	10°16	24°16	S 5
S 6	21 35 53	22°32'00	15° 2	23°49	5°19	12°21	10°11	14°17	14°45	15°24	1° 6	29°43	28°29	10°22	24°25	S 6
M 7	21 39 49	23°29'50	26°53	25°47	4°57	12°59	10°24	14°13	14°47	15°24	1° 5	29°R44	28°26	10°29	24°33	M 7
T 8	21 43 46	24°27'43	8♌50	27°43	4°36	13°38	10°36	14° 8	14°50	15°24	1° 3	29°44	28°22	10°36	24°41	T 8
W 9	21 47 42	25°25'37	20°57	29°39	4°18	14°16	10°49	14° 4	14°53	15°R24	1° 2	29°42	28°19	10°42	24°50	W 9
T 10	21 51 39	26°23'32	3♍14	1♍33	4° 2	14°55	11° 2	14° 0	14°56	15°24	1° 1	29°39	28°16	10°49	24°58	T 10
F 11	21 55 35	27°21'29	15°44	3°26	3°49	15°34	11°15	13°56	14°58	15°24	1° 0	29°36	28°13	10°56	25° 6	F 11
S 12	21 59 32	28°19'28	28°26	5°18	3°38	16°13	11°27	13°51	15° 1	15°24	0°58	29°31	28°10	11° 2	25°14	S 12
S 13	22 3 29	29°17'28	11♎22	7° 8	3°29	16°52	11°40	13°47	15° 4	15°24	0°57	29°26	28° 6	11° 9	25°23	S 13
M14	22 7 25	0♍15'29	24°31	8°57	3°23	17°31	11°53	13°43	15° 7	15°24	0°56	29°22	28° 3	11°16	25°31	M14
T 15	22 11 22	1°13'32	7♏55	10°45	3°19	18°10	12° 6	13°38	15°10	15°24	0°54	29°19	28° 0	11°22	25°39	T 15
W16	22 15 18	2°11'36	21°32	12°32	3°D17	18°50	12°19	13°34	15°13	15°23	0°53	29°17	27°57	11°29	25°47	W16
T 17	22 19 15	3° 9'42	5♐25	14°17	3°18	19°29	12°32	13°29	15°16	15°23	0°52	29°D16	27°54	11°36	25°56	T 17
F 18	22 23 11	4° 7'49	19°31	16° 1	3°21	20° 8	12°45	13°25	15°19	15°23	0°51	29°17	27°51	11°42	26° 4	F 18
S 19	22 27 8	5° 5'58	3♑50	17°44	3°26	20°48	12°57	13°20	15°22	15°23	0°49	29°19	27°47	11°49	26°12	S 19
S 20	22 31 4	6° 4'08	18°20	19°26	3°34	21°27	13°10	13°16	15°25	15°22	0°48	29°20	27°44	11°56	26°20	S 20
M21	22 35 1	7° 2'19	2♒57	21° 6	3°44	22° 7	13°23	13°11	15°28	15°22	0°47	29°R20	27°41	12° 2	26°29	M21
T 22	22 38 58	8° 0'32	17°36	22°46	3°56	22°47	13°36	13° 6	15°31	15°22	0°46	29°19	27°38	12° 9	26°37	T 22
W23	22 42 54	8°58'47	2♓10	24°24	4° 9	23°27	13°49	13° 2	15°35	15°21	0°44	29°16	27°35	12°15	26°45	W23
T 24	22 46 51	9°57'03	16°34	26° 1	4°25	24° 6	14° 2	12°57	15°38	15°21	0°43	29°11	27°32	12°22	26°53	T 24
F 25	22 50 47	10°55'22	0♈41	27°37	4°43	24°46	14°15	12°53	15°41	15°20	0°42	29° 5	27°28	12°29	27° 1	F 25
S 26	22 54 44	11°53'42	14°28	29°11	5° 3	25°26	14°28	12°48	15°44	15°20	0°41	28°58	27°25	12°35	27°10	S 26
S 27	22 58 40	12°52'04	27°50	0♎45	5°25	26° 7	14°41	12°43	15°48	15°19	0°39	28°51	27°22	12°42	27°18	S 27
M28	23 2 37	13°50'28	10♉48	2°17	5°48	26°47	14°54	12°39	15°51	15°18	0°38	28°45	27°19	12°49	27°26	M28
T 29	23 6 33	14°48'55	23°24	3°49	6°13	27°27	15° 7	12°34	15°54	15°18	0°37	28°41	27°16	12°55	27°34	T 29
W30	23 10 30	15°47'24	5♊41	5°19	6°40	28° 7	15°20	12°29	15°58	15°17	0°36	28°39	27°12	13° 2	27°42	W30
T 31	23 14 26	16♍45'54	17♊44	6♎48	7♌ 8	28♎48	15♍33	12♓25	16♎ 1	15♉16	0♓34	28°D38	27♋ 9	13♋ 9	27♌50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n34	11n35	5s 5	18n21	1n41	10n47	7s51	3s29	0n10	9n 8	1n 3	8s 5	2s11	5s11	0n37	14n46	1s48	23s 7	12s57	20n17	20n28	21n28	8n28	5s29
W 2	15 16	15 6	4 40	17 47	1 44	10 53	7 53	3 45	0 9	9 3	1 3	8 7	2 11	5 12	0 37	14 46	1 48	23 8	12 57	20 17	20 28	21 28	8 25	5 29
T 3	14 58	17 56	4 3	17 12	1 45	11 0	7 54	4 1	0 8	8 58	1 3	8 9	2 12	5 13	0 37	14 46	1 48	23 9	12 57	20 16	20 29	21 28	8 23	5 29
F 4	14 39	19 57	3 16	16 34	1 46	11 7	7 54	4 17	0 7	8 54	1 3	8 10	2 12	5 14	0 36	14 46	1 48	23 9	12 57	20 16	20 30	21 29	8 20	5 29
S 5	14 21	21 6	2 21	15 56	1 46	11 14	7 53	4 32	0 7	8 49	1 3	8 12	2 12	5 15	0 36	14 46	1 48	23 10	12 58	20 16	20 30	21 29	8 18	5 28
S 6	14 2	21 19	1 20	15 16	1 45	11 21	7 52	4 48	0 6	8 44	1 3	8 14	2 12	5 16	0 36	14 46	1 48	23 10	12 58	20 15	20 31	21 29	8 15	5 28
M 7	13 43	20 34	0 16	14 36	1 44	11 28	7 49	5 4	0 5	8 39	1 3	8 16	2 12	5 17	0 36	14 46	1 49	23 11	12 58	20 15	20 32	21 30	8 12	5 28
T 8	13 24	18 54	0n50	13 54	1 43	11 36	7 47	5 20	0 4	8 34	1 3	8 17	2 12	5 18	0 36	14 46	1 49	23 11	12 58	20 15	20 32	21 30	8 10	5 28
W 9	13 5	16 21	1 54	13 11	1 40	11 43	7 43	5 35	0 3	8 29	1 3	8 19	2 13	5 19	0 36	14 46	1 49	23 12	12 58	20 16	20 33	21 30	8 7	5 28
T 10	12 45	13 2	2 54	12 28	1 37	11 51	7 39	5 51	0 3	8 25	1 3	8 21	2 13	5 20	0 36	14 46	1 49	23 12	12 58	20 16	20 33	21 31	8 5	5 28
F 11	12 25	9 7	3 46	11 44	1 34	11 58	7 34	6 7	0 2	8 20	1 3	8 23	2 13	5 21	0 36	14 46	1 49	23 13	12 58	20 17	20 34	21 31	8 2	5 28
S 12	12 5	4 43	4 28	10 59	1 30	12 6	7 29	6 22	0 1	8 15	1 3	8 25	2 13	5 22	0 36	14 45	1 49	23 13	12 58	20 18	20 35	21 31	7 59	5 28
S 13	11 45	0 3	4 57	10 15	1 26	12 13	7 24	6 38	0 0	8 10	1 3	8 26	2 13	5 24	0 36	14 45	1 49	23 14	12 58	20 19	20 35	21 32	7 57	5 27
M14	11 24	4s41	5 12	9 29	1 22	12 20	7 18	6 54	0s 0	8 5	1 3	8 28	2 13	5 25	0 36	14 45	1 49	23 14	12 58	20 20	20 36	21 32	7 54	5 27
T 15	11 4	9 18	5 9	8 44	1 17	12 28	7 12	7 10	0 1	8 0	1 3	8 30	2 13	5 26	0 36	14 45	1 49	23 15	12 58	20 21	20 37	21 32	7 52	5 27
W16	10 43	13 32	4 49	7 58	1 12	12 34	7 5	7 25	0 2	7 55	1 3	8 32	2 13	5 27	0 36	14 45	1 49	23 15	12 58	20 21	20 37	21 33	7 49	5 27
T 17	10 22	17 7	4 13	7 13	1 6	12 41	6 58	7 41	0 3	7 50	1 3	8 34	2 13	5 28	0 36	14 45	1 49	23 16	12 58	20 21	20 38	21 33	7 46	5 27
F 18	10 1	19 45	3 20	6 27	1 0	12 47	6 51	7 56	0 3	7 45	1 3	8 35	2 14	5 29	0 36	14 45	1 49	23 16	12 58	20 21	20 39	21 33	7 44	5 27
S 19	9 40	21 12	2 15	5 41	0 54	12 54	6 43	8 12	0 4	7 40	1 3	8 37	2 14	5 31	0 36	14 45	1 49	23 17	12 58	20 21	20 39	21 33	7 41	5 27
S 20	9 18	21 15	1 0	4 55	0 48	13 0	6 35	8 28	0 5	7 35	1 3	8 39	2 14	5 32	0 36	14 44	1 49	23 17	12 58	20 20	20 40	21 34	7 38	5 27
M21	8 57	19 52	0s20	4 10	0 41	13 5	6 27	8 43	0 5	7 30	1 3	8 41	2 14	5 33	0 36	14 44	1 49	23 18	12 58	20 20	20 40	21 34	7 35	5 27
T 22	8 35	17 9	1 38	3 24	0 34	13 10	6 19	8 59	0 6	7 25	1 3	8 43	2 14	5 34	0 36	14 44	1 49	23 18	12 58	20 21	20 41	21 34	7 33	5 27
W23	8 13	13 21	2 49	2 39	0 28	13 15	6 11	9 14	0 7	7 20	1 3	8 45	2 14	5 36	0 36	14 44	1 49	23 19	12 58	20 21	20 42	21 34	7 30	5 27
T 24	7 51	8 49	3 48	1 54	0 20	13 20	6 2	9 29	0 8	7 16	1 3	8 46	2 14	5 37	0 36	14 44	1 50	23 19	12 58	20 22	20 42	21 35	7 27	5 27
F 25	7 29	3 53	4 32	1 9	0 13	13 24	5 54	9 45	0 8	7 11	1 3	8 48	2 14	5 38	0 36	14 44	1 50	23 20	12 58	20 24	20 43	21 35	7 25	5 27
S 26	7 7	1n 7	4 59	0 25	0 6	13 28	5 45	10 0	0 9	7 6	1 3	8 50	2 14	5 39	0 36	14 43	1 50	23 20	12 58	20 25	20 44	21 35	7 22	5 27
S 27	6 45	5 55	5 9	0s19	0s 2	13 31	5 36	10 15	0 10	7 1	1 3	8 52	2 14	5 41	0 36	14 43	1 50	23 21	12 58	20 26	20 44	21 35	7 19	5 27
M28	6 22	10 18	5 2	1 3	0 9	13 34	5 28	10 31	0 10	6 56	1 3	8 54	2 14	5 42	0 36	14 43	1 50	23 21	12 58	20 28	20 45	21 36	7 16	5 27
T 29	6 0	14 8	4 41	1 46	0 17	13 37	5 19	10 46	0 11	6 51	1 3	8 56	2 14	5 43	0 36	14 43	1 50	23 21	12 58	20 28	20 45	21 36	7 14	5 27
W30	5 37	17 15	4 7	2 29	0 24	13 39	5 10	11 1	0 12	6 45	1 3	8 57	2 14	5 45	0 36	14 42	1 50	23 22	12 58	20 29	20 46	21 36	7 11	5 27
T 31	5n14	19n34	3s23	3s12	0s32	13n40	5s 1	11s16	0s13	6n40	1n 3	8s59	2s14	5s46	0n36	14n42	1s50	23s22	12s58	20n29	20n47	21n36	7n 8	5s27

Julian Day Number = 2288503.5, Delta T = 172.13 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'39, Lahiri = 17°37'40 Julian Calendar 1 Aug. 1553 == Greg. Calendar 11 Aug. 1553

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1553
geocentric

SEPTEMBER 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 18 23	17♍44'27	29♊36	8♎16	7♌38	29♎28	15♍46	12°R20	16♎ 5	15°R16	0°R33	28♋39	27♋ 6	13♋15	27♌58	F 1
S 2	23 22 20	18°43'03	11♋24	9°43	8°10	0♏ 9	15°59	12♓16	16° 8	15♉15	0♓32	28°40	27° 3	13°22	28° 6	S 2
S 3	23 26 16	19°41'40	23°13	11° 9	8°42	0°50	16°12	12°11	16°11	15°14	0°31	28°R41	27° 0	13°29	28°14	S 3
M 4	23 30 13	20°40'20	5♌ 8	12°33	9°17	1°30	16°25	12° 6	16°15	15°13	0°30	28°41	26°57	13°35	28°22	M 4
T 5	23 34 9	21°39'02	17°12	13°57	9°52	2°11	16°38	12° 2	16°18	15°13	0°28	28°39	26°53	13°42	28°30	T 5
W 6	23 38 6	22°37'46	29°29	15°19	10°29	2°52	16°51	11°57	16°22	15°12	0°27	28°35	26°50	13°49	28°38	W 6
T 7	23 42 2	23°36'32	12♍ 2	16°40	11° 7	3°33	17° 4	11°53	16°25	15°11	0°26	28°28	26°47	13°55	28°46	T 7
F 8	23 45 59	24°35'20	24°50	18° 0	11°46	4°14	17°17	11°48	16°29	15°10	0°25	28°20	26°44	14° 2	28°54	F 8
S 9	23 49 55	25°34'10	7♎54	19°18	12°27	4°55	17°30	11°44	16°33	15° 9	0°24	28°10	26°41	14° 8	29° 2	S 9
S 10	23 53 52	26°33'02	21°13	20°35	13° 8	5°36	17°43	11°40	16°36	15° 8	0°23	28° 0	26°37	14°15	29° 9	S 10
M11	23 57 49	27°31'55	4♏45	21°51	13°51	6°18	17°56	11°35	16°40	15° 7	0°22	27°50	26°34	14°22	29°17	M11
T 12	0 1 45	28°30'51	18°27	23° 5	14°34	6°59	18° 9	11°31	16°43	15° 6	0°20	27°42	26°31	14°28	29°25	T 12
W13	0 5 42	29°29'49	2♐17	24°17	15°19	7°40	18°22	11°27	16°47	15° 5	0°19	27°37	26°28	14°35	29°32	W13
T 14	0 9 38	0♎28'48	16°15	25°28	16° 5	8°22	18°35	11°22	16°51	15° 4	0°18	27°34	26°25	14°42	29°40	T 14
F 15	0 13 35	1°27'50	0♑18	26°37	16°51	9° 4	18°47	11°18	16°54	15° 3	0°17	27°D33	26°22	14°48	29°48	F 15
S 16	0 17 31	2°26'53	14°25	27°43	17°38	9°45	19° 0	11°14	16°58	15° 2	0°16	27°33	26°18	14°55	29°55	S 16
S 17	0 21 28	3°25'57	28°36	28°48	18°26	10°27	19°13	11°10	17° 2	15° 0	0°15	27°R34	26°15	15° 2	0♍ 3	S 17
M18	0 25 24	4°25'04	12♒49	29°51	19°15	11° 9	19°26	11° 6	17° 5	14°59	0°14	27°33	26°12	15° 8	0°10	M18
T 19	0 29 21	5°24'12	27° 2	0♏51	20° 5	11°51	19°39	11° 2	17° 9	14°58	0°13	27°30	26° 9	15°15	0°18	T 19
W20	0 33 18	6°23'22	11♓11	1°48	20°56	12°32	19°51	10°58	17°13	14°57	0°12	27°24	26° 6	15°22	0°25	W20
T 21	0 37 14	7°22'34	25°13	2°42	21°47	13°14	20° 4	10°54	17°17	14°56	0°11	27°16	26° 3	15°28	0°32	T 21
F 22	0 41 11	8°21'48	9♈ 2	3°34	22°39	13°57	20°17	10°50	17°20	14°54	0°10	27° 5	25°59	15°35	0°40	F 22
S 23	0 45 7	9°21'04	22°35	4°22	23°32	14°39	20°29	10°46	17°24	14°53	0° 9	26°53	25°56	15°42	0°47	S 23
S 24	0 49 4	10°20'22	5♉50	5° 6	24°25	15°21	20°42	10°43	17°28	14°52	0° 8	26°41	25°53	15°48	0°54	S 24
M25	0 53 0	11°19'42	18°43	5°45	25°19	16° 3	20°55	10°39	17°32	14°50	0° 7	26°30	25°50	15°55	1° 1	M25
T 26	0 56 57	12°19'05	1♊17	6°21	26°14	16°46	21° 7	10°35	17°35	14°49	0° 7	26°22	25°47	16° 1	1° 8	T 26
W27	1 0 53	13°18'30	13°34	6°51	27° 9	17°28	21°20	10°32	17°39	14°48	0° 6	26°16	25°43	16° 8	1°15	W27
T 28	1 4 50	14°17'57	25°36	7°16	28° 5	18°10	21°32	10°29	17°43	14°46	0° 5	26°12	25°40	16°15	1°22	T 28
F 29	1 8 46	15°17'27	7♋28	7°35	29° 1	18°53	21°45	10°25	17°47	14°45	0° 4	26°11	25°37	16°21	1°29	F 29
S 30	1 12 43	16♎16'58	19♋16	7♏47	29♌58	19♏36	21♍57	10♓22	17♎50	14♉43	0♓ 3	26♋11	25♋34	16♋28	1♍36	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n51	20n59	2s31	3s54	0s40	13n42	4s52	11s31	0s13	6n35	1n 3	9s 1	2s14	5s47	0n36	14n42	1s50	23s23	12s58	20n29	20n47	21n36	7n 5	5s27
S 2	4 28	21 29	1 32	4 35	0 48	13 42	4 43	11 46	0 14	6 30	1 3	9 3	2 15	5 49	0 36	14 42	1 50	23 23	12 58	20 29	20 48	21 37	7 3	5 27
S 3	4 5	21 1	0 29	5 16	0 56	13 42	4 34	12 1	0 15	6 25	1 3	9 5	2 15	5 50	0 36	14 41	1 50	23 23	12 58	20 28	20 49	21 37	7 0	5 27
M 4	3 42	19 35	0n35	5 57	1 3	13 42	4 26	12 16	0 15	6 20	1 3	9 6	2 15	5 51	0 36	14 41	1 50	23 24	12 58	20 28	20 49	21 37	6 57	5 27
T 5	3 19	17 16	1 38	6 37	1 11	13 41	4 17	12 31	0 16	6 15	1 3	9 8	2 15	5 53	0 36	14 41	1 50	23 24	12 58	20 29	20 50	21 37	6 54	5 27
W 6	2 56	14 8	2 38	7 16	1 19	13 40	4 8	12 45	0 17	6 10	1 3	9 10	2 15	5 54	0 36	14 41	1 50	23 25	12 58	20 30	20 50	21 37	6 51	5 27
T 7	2 33	10 19	3 31	7 54	1 27	13 38	3 59	13 0	0 17	6 5	1 3	9 12	2 15	5 55	0 36	14 40	1 50	23 25	12 58	20 31	20 51	21 37	6 49	5 27
F 8	2 9	5 57	4 15	8 32	1 34	13 36	3 51	13 15	0 18	6 0	1 3	9 13	2 15	5 57	0 36	14 40	1 50	23 25	12 58	20 33	20 52	21 38	6 46	5 28
S 9	1 46	1 14	4 46	9 9	1 42	13 33	3 42	13 29	0 19	5 55	1 3	9 15	2 15	5 58	0 36	14 40	1 50	23 26	12 57	20 35	20 52	21 38	6 43	5 28
S 10	1 22	3s37	5 2	9 45	1 50	13 30	3 33	13 44	0 19	5 50	1 3	9 17	2 15	6 0	0 36	14 39	1 50	23 26	12 57	20 37	20 53	21 38	6 40	5 28
M11	0 59	8 23	5 2	10 20	1 57	13 26	3 25	13 58	0 20	5 45	1 3	9 18	2 15	6 1	0 36	14 39	1 50	23 26	12 57	20 39	20 53	21 38	6 38	5 28
T 12	0 36	12 47	4 45	10 55	2 4	13 22	3 16	14 12	0 21	5 40	1 3	9 20	2 15	6 2	0 36	14 39	1 50	23 26	12 57	20 40	20 54	21 38	6 35	5 28
W13	0 12	16 34	4 11	11 28	2 11	13 17	3 8	14 26	0 21	5 35	1 4	9 22	2 14	6 4	0 36	14 38	1 51	23 27	12 57	20 41	20 55	21 38	6 32	5 28
T 14	0s11	19 26	3 22	12 1	2 18	13 12	3 0	14 40	0 22	5 30	1 4	9 23	2 14	6 5	0 36	14 38	1 51	23 27	12 57	20 42	20 55	21 39	6 29	5 28
F 15	0 35	21 10	2 20	12 32	2 25	13 6	2 52	14 54	0 23	5 25	1 4	9 25	2 14	6 7	0 36	14 38	1 51	23 27	12 57	20 42	20 56	21 39	6 26	5 28
S 16	0 59	21 34	1 10	13 3	2 32	12 59	2 43	15 8	0 23	5 20	1 4	9 26	2 14	6 8	0 36	14 37	1 51	23 28	12 57	20 42	20 56	21 39	6 24	5 29
S 17	1 22	20 35	0s 6	13 32	2 38	12 52	2 35	15 22	0 24	5 15	1 4	9 28	2 14	6 10	0 35	14 37	1 51	23 28	12 56	20 42	20 57	21 39	6 21	5 29
M18	1 46	18 17	1 20	14 0	2 44	12 45	2 27	15 36	0 24	5 10	1 4	9 29	2 14	6 11	0 35	14 36	1 51	23 28	12 56	20 42	20 58	21 39	6 18	5 29
T 19	2 9	14 53	2 30	14 27	2 50	12 37	2 19	15 49	0 25	5 5	1 4	9 31	2 14	6 12	0 35	14 36	1 51	23 28	12 56	20 43	20 58	21 39	6 15	5 29
W20	2 33	10 37	3 30	14 52	2 55	12 28	2 12	16 3	0 26	5 0	1 4	9 32	2 14	6 14	0 35	14 36	1 51	23 29	12 56	20 44	20 59	21 39	6 13	5 29
T 21	2 56	5 50	4 16	15 15	3 0	12 19	2 4	16 16	0 26	4 56	1 4	9 34	2 14	6 15	0 35	14 35	1 51	23 29	12 56	20 45	20 59	21 39	6 10	5 29
F 22	3 19	0 49	4 47	15 37	3 5	12 10	1 56	16 29	0 27	4 51	1 4	9 35	2 14	6 17	0 35	14 35	1 51	23 29	12 56	20 48	21 0	21 40	6 7	5 30
S 23	3 43	4n 9	5 1	15 58	3 9	12 0	1 49	16 43	0 28	4 46	1 4	9 37	2 14	6 18	0 35	14 34	1 51	23 29	12 56	20 50	21 1	21 40	6 5	5 30
S 24	4 6	8 48	4 58	16 16	3 12	11 49	1 41	16 56	0 28	4 41	1 4	9 38	2 14	6 20	0 35	14 34	1 51	23 29	12 55	20 52	21 1	21 40	6 2	5 30
M25	4 30	12 57	4 40	16 32	3 15	11 38	1 34	17 8	0 29	4 36	1 4	9 39	2 14	6 21	0 35	14 34	1 51	23 30	12 55	20 54	21 2	21 40	5 59	5 30
T 26	4 53	16 25	4 8	16 46	3 17	11 27	1 27	17 21	0 29	4 31	1 5	9 41	2 14	6 22	0 35	14 33	1 51	23 30	12 55	20 56	21 2	21 40	5 56	5 31
W27	5 16	19 5	3 26	16 58	3 19	11 15	1 20	17 34	0 30	4 26	1 5	9 42	2 14	6 24	0 35	14 33	1 51	23 30	12 55	20 57	21 3	21 40	5 54	5 31
T 28	5 39	20 51	2 35	17 7	3 19	11 2	1 13	17 46	0 31	4 21	1 5	9 43	2 14	6 25	0 35	14 32	1 51	23 30	12 55	20 58	21 4	21 40	5 51	5 31
F 29	6 2	21 40	1 38	17 13	3 19	10 49	1 6	17 59	0 31	4 16	1 5	9 44	2 14	6 27	0 35	14 32	1 51	23 30	12 54	20 58	21 4	21 40	5 48	5 31
S 30	6s25	21n30	0s37	17s15	3s18	10n35	0s59	18s11	0s32	4n12	1n 5	9s45	2s13	6s28	0n35	14n31	1s51	23s30	12s54	20n58	21n 5	21n40	5n46	5s31

Julian Day Number = 2288534.5, Delta T = 171.95 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'44, Lahiri = 17°37'44 Julian Calendar 1 Sept. 1553 == Greg. Calendar 11 Sept. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

OCTOBER 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 16 40	17♎16'33	1♌ 6	7°R53	0♍56	20♏18	22♍ 9	10°R19	17♎54	14°R42	0°R 2	26°R11	25♋31	16♋35	1♍43	S 1
M 2	1 20 36	18°16'09	13° 2	7♏51	1°54	21° 1	22°22	10♓15	17°58	14♉41	0♓ 2	26♋10	25°28	16°41	1°50	M 2
T 3	1 24 33	19°15'48	25° 9	7°41	2°52	21°44	22°34	10°12	18° 2	14°39	0° 1	26° 7	25°24	16°48	1°57	T 3
W 4	1 28 29	20°15'29	7♍33	7°23	3°51	22°27	22°46	10° 9	18° 6	14°38	0° 0	26° 1	25°21	16°55	2° 3	W 4
T 5	1 32 26	21°15'12	20°16	6°55	4°51	23°10	22°58	10° 6	18° 9	14°36	29♒59	25°53	25°18	17° 1	2°10	T 5
F 6	1 36 22	22°14'57	3♎20	6°19	5°51	23°53	23°11	10° 4	18°13	14°35	29°59	25°42	25°15	17° 8	2°16	F 6
S 7	1 40 19	23°14'44	16°45	5°35	6°51	24°36	23°23	10° 1	18°17	14°33	29°58	25°30	25°12	17°15	2°23	S 7
S 8	1 44 15	24°14'34	0♏29	4°41	7°52	25°19	23°35	9°58	18°21	14°31	29°57	25°17	25° 8	17°21	2°29	S 8
M 9	1 48 12	25°14'25	14°27	3°41	8°53	26° 3	23°47	9°56	18°24	14°30	29°57	25° 5	25° 5	17°28	2°35	M 9
T 10	1 52 9	26°14'18	28°35	2°33	9°55	26°46	23°59	9°53	18°28	14°28	29°56	24°55	25° 2	17°35	2°42	T 10
W11	1 56 5	27°14'14	12♐49	1°20	10°57	27°29	24°11	9°51	18°32	14°27	29°56	24°47	24°59	17°41	2°48	W11
T 12	2 0 2	28°14'10	27° 4	0° 4	11°59	28°13	24°22	9°49	18°36	14°25	29°55	24°43	24°56	17°48	2°54	T 12
F 13	2 3 58	29°14'09	11♑16	28♎47	13° 2	28°56	24°34	9°46	18°39	14°23	29°54	24°41	24°53	17°54	3° 0	F 13
S 14	2 7 55	0♏14'09	25°24	27°32	14° 5	29°40	24°46	9°44	18°43	14°22	29°54	24°41	24°49	18° 1	3° 6	S 14
S 15	2 11 51	1°14'11	9♒27	26°20	15° 8	0♐24	24°58	9°42	18°47	14°20	29°53	24°40	24°46	18° 8	3°12	S 15
M16	2 15 48	2°14'14	23°25	25°13	16°12	1° 7	25° 9	9°40	18°51	14°19	29°53	24°39	24°43	18°14	3°18	M16
T 17	2 19 44	3°14'19	7♓16	24°15	17°16	1°51	25°21	9°39	18°54	14°17	29°53	24°36	24°40	18°21	3°23	T 17
W18	2 23 41	4°14'26	21° 0	23°26	18°20	2°35	25°32	9°37	18°58	14°15	29°52	24°29	24°37	18°28	3°29	W18
T 19	2 27 38	5°14'34	4♈35	22°48	19°25	3°19	25°44	9°35	19° 2	14°14	29°52	24°20	24°34	18°34	3°35	T 19
F 20	2 31 34	6°14'43	18° 0	22°21	20°30	4° 3	25°55	9°34	19° 5	14°12	29°51	24° 9	24°30	18°41	3°40	F 20
S 21	2 35 31	7°14'55	1♉12	22° 6	21°35	4°47	26° 6	9°32	19° 9	14°10	29°51	23°56	24°27	18°48	3°46	S 21
S 22	2 39 27	8°15'08	14° 9	22°D 3	22°40	5°31	26°17	9°31	19°12	14° 9	29°51	23°43	24°24	18°54	3°51	S 22
M23	2 43 24	9°15'23	26°51	22°10	23°46	6°15	26°29	9°30	19°16	14° 7	29°50	23°31	24°21	19° 1	3°56	M23
T 24	2 47 20	10°15'40	9♊17	22°29	24°52	6°59	26°40	9°29	19°20	14° 5	29°50	23°21	24°18	19° 8	4° 1	T 24
W25	2 51 17	11°15'59	21°29	22°56	25°59	7°44	26°51	9°28	19°23	14° 3	29°50	23°14	24°14	19°14	4° 6	W25
T 26	2 55 13	12°16'20	3♋28	23°33	27° 5	8°28	27° 2	9°27	19°27	14° 2	29°50	23°10	24°11	19°21	4°11	T 26
F 27	2 59 10	13°16'42	15°19	24°18	28°12	9°12	27°12	9°26	19°30	14° 0	29°49	23° 8	24° 8	19°28	4°16	F 27
S 28	3 3 7	14°17'07	27° 6	25°10	29°19	9°57	27°23	9°25	19°34	13°58	29°49	23°D 8	24° 5	19°34	4°21	S 28
S 29	3 7 3	15°17'33	8♌55	26° 8	0♎26	10°41	27°34	9°25	19°37	13°57	29°49	23° 8	24° 2	19°41	4°26	S 29
M30	3 11 0	16°18'02	20°49	27°12	1°34	11°26	27°44	9°24	19°41	13°55	29°49	23°R 8	23°59	19°47	4°30	M30
T 31	3 14 56	17♏18'32	2♍56	28♎20	2♎42	12♐11	27♍55	9♓24	19♎44	13♉53	29♒49	23♋ 7	23♋55	19♋54	4♍35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s48	20n23	0n26	17s15	3s15	10n21	0s52	18s23	0s32	4n 7	1n 5	9s47	2s13	6s30	0n35	14n31	1s51	23s30	12s54	20n58	21n 5	21n40	5n43	5s32
M 2	7 11	18 21	1 28	17 11	3 12	10 7	0 46	18 35	0 33	4 2	1 5	9 48	2 13	6 31	0 35	14 30	1 51	23 30	12 54	20 58	21 6	21 40	5 41	5 32
T 3	7 33	15 29	2 27	17 2	3 6	9 52	0 39	18 47	0 33	3 57	1 5	9 49	2 13	6 33	0 35	14 30	1 51	23 31	12 54	20 59	21 6	21 40	5 38	5 32
W 4	7 56	11 51	3 20	16 50	3 0	9 37	0 33	18 58	0 34	3 53	1 5	9 50	2 13	6 34	0 35	14 30	1 51	23 31	12 53	21 0	21 7	21 40	5 35	5 33
T 5	8 19	7 37	4 5	16 33	2 51	9 21	0 27	19 10	0 35	3 48	1 5	9 51	2 13	6 35	0 35	14 29	1 51	23 31	12 53	21 1	21 8	21 40	5 33	5 33
F 6	8 41	2 55	4 38	16 12	2 41	9 4	0 20	19 21	0 35	3 43	1 6	9 52	2 13	6 37	0 35	14 29	1 51	23 31	12 53	21 3	21 8	21 40	5 30	5 33
S 7	9 3	2s 2	4 57	15 45	2 29	8 48	0 14	19 33	0 36	3 38	1 6	9 53	2 13	6 38	0 35	14 28	1 51	23 31	12 53	21 6	21 9	21 40	5 28	5 33
S 8	9 25	7 0	4 59	15 15	2 16	8 31	0 8	19 44	0 36	3 34	1 6	9 54	2 13	6 40	0 35	14 28	1 51	23 31	12 53	21 8	21 9	21 40	5 25	5 34
M 9	9 47	11 42	4 44	14 39	2 0	8 13	0 3	19 54	0 37	3 29	1 6	9 54	2 12	6 41	0 35	14 27	1 51	23 31	12 52	21 10	21 10	21 40	5 23	5 34
T 10	10 9	15 49	4 11	14 0	1 43	7 55	0n 3	20 5	0 37	3 24	1 6	9 55	2 12	6 43	0 35	14 27	1 51	23 31	12 52	21 12	21 11	21 40	5 20	5 34
W11	10 31	19 3	3 22	13 17	1 25	7 37	0 9	20 16	0 38	3 20	1 6	9 56	2 12	6 44	0 35	14 26	1 51	23 31	12 52	21 13	21 11	21 40	5 18	5 35
T 12	10 52	21 7	2 20	12 32	1 5	7 18	0 14	20 26	0 38	3 15	1 6	9 57	2 12	6 46	0 35	14 26	1 51	23 31	12 52	21 14	21 12	21 40	5 15	5 35
F 13	11 14	21 51	1 10	11 46	0 45	6 59	0 19	20 36	0 39	3 11	1 6	9 57	2 12	6 47	0 35	14 25	1 51	23 31	12 51	21 14	21 12	21 40	5 13	5 35
S 14	11 35	21 10	0s 4	11 0	0 24	6 39	0 24	20 46	0 40	3 6	1 7	9 58	2 12	6 48	0 35	14 25	1 51	23 31	12 51	21 14	21 13	21 40	5 10	5 36
S 15	11 56	19 10	1 17	10 14	0 3	6 20	0 30	20 56	0 40	3 2	1 7	9 59	2 12	6 50	0 35	14 24	1 51	23 31	12 51	21 14	21 13	21 40	5 8	5 36
M16	12 17	16 2	2 26	9 31	0n17	5 59	0 35	21 6	0 41	2 57	1 7	9 59	2 11	6 51	0 35	14 24	1 51	23 31	12 51	21 15	21 14	21 40	5 5	5 36
T 17	12 37	12 2	3 25	8 52	0 36	5 39	0 39	21 15	0 41	2 53	1 7	10 0	2 11	6 53	0 35	14 23	1 51	23 31	12 51	21 15	21 15	21 40	5 3	5 37
W18	12 58	7 26	4 12	8 18	0 54	5 18	0 44	21 24	0 42	2 48	1 7	10 0	2 11	6 54	0 35	14 23	1 51	23 31	12 50	21 16	21 15	21 40	5 1	5 37
T 19	13 18	2 31	4 43	7 48	1 10	4 57	0 49	21 33	0 42	2 44	1 7	10 1	2 11	6 55	0 35	14 22	1 52	23 30	12 50	21 18	21 16	21 40	4 58	5 38
F 20	13 38	2n28	4 59	7 25	1 25	4 35	0 53	21 42	0 43	2 39	1 7	10 1	2 11	6 57	0 35	14 22	1 52	23 30	12 50	21 20	21 16	21 40	4 56	5 38
S 21	13 58	7 15	4 58	7 7	1 37	4 14	0 57	21 51	0 43	2 35	1 7	10 2	2 11	6 58	0 35	14 21	1 52	23 30	12 50	21 22	21 17	21 40	4 54	5 38
S 22	14 17	11 38	4 42	6 56	1 48	3 52	1 2	21 59	0 44	2 31	1 8	10 2	2 11	7 0	0 35	14 21	1 52	23 30	12 49	21 25	21 17	21 40	4 51	5 39
M23	14 37	15 24	4 12	6 50	1 57	3 29	1 6	22 8	0 44	2 26	1 8	10 2	2 10	7 1	0 35	14 20	1 52	23 30	12 49	21 27	21 18	21 40	4 49	5 39
T 24	14 56	18 26	3 31	6 50	2 5	3 7	1 10	22 16	0 45	2 22	1 8	10 3	2 10	7 2	0 35	14 20	1 52	23 30	12 49	21 28	21 18	21 40	4 47	5 40
W25	15 15	20 34	2 40	6 55	2 10	2 44	1 14	22 24	0 45	2 18	1 8	10 3	2 10	7 4	0 35	14 19	1 52	23 30	12 48	21 29	21 19	21 40	4 45	5 40
T 26	15 33	21 44	1 43	7 5	2 15	2 21	1 17	22 31	0 46	2 14	1 8	10 3	2 10	7 5	0 35	14 19	1 52	23 30	12 48	21 30	21 20	21 40	4 43	5 40
F 27	15 52	21 56	0 42	7 19	2 17	1 57	1 21	22 39	0 46	2 10	1 8	10 3	2 10	7 6	0 35	14 18	1 52	23 29	12 48	21 30	21 20	21 40	4 40	5 41
S 28	16 10	21 8	0n21	7 36	2 19	1 34	1 24	22 46	0 46	2 5	1 9	10 3	2 10	7 8	0 35	14 18	1 52	23 29	12 48	21 31	21 21	21 40	4 38	5 41
S 29	16 28	19 25	1 23	7 57	2 19	1 10	1 28	22 53	0 47	2 1	1 9	10 3	2 9	7 9	0 35	14 17	1 52	23 29	12 47	21 30	21 21	21 40	4 36	5 42
M30	16 45	16 50	2 22	8 21	2 18	0 46	1 31	22 59	0 47	1 57	1 9	10 4	2 9	7 10	0 35	14 17	1 52	23 29	12 47	21 30	21 22	21 40	4 34	5 42
T 31	17s 2	13n29	3n16	8s47	2n17	0n22	1n34	23s 6	0s48	1n53	1n 9	10s 4	2s 9	7s12	0n35	14n16	1s52	23s29	12s47	21n31	21n22	21n40	4n32	5s42

Julian Day Number = 2288564.5, Delta T = 171.78 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'48, Lahiri = 17°37'48 Julian Calendar 1 Oct. 1553 == Greg. Calendar 11 Oct. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

NOVEMBER 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 18 53	18♏19'04	15♍21	29♎32	3♎50	12♐55	28♍ 5	9°R23	19♎48	13°R52	29°R49	23°R 3	23♋52	20♋ 1	4♍39	W 1
T 2	3 22 49	19°19'38	28° 7	0♏48	4°58	13°40	28°15	9♓23	19°51	13♉50	29♒49	22♋57	23°49	20° 7	4°44	T 2
F 3	3 26 46	20°20'13	11♎17	2° 7	6° 6	14°25	28°26	9°D23	19°55	13°48	29°49	22°49	23°46	20°14	4°48	F 3
S 4	3 30 42	21°20'50	24°54	3°28	7°15	15°10	28°36	9°23	19°58	13°47	29°D49	22°39	23°43	20°21	4°52	S 4
S 5	3 34 39	22°21'29	8♏54	4°52	8°23	15°55	28°46	9°23	20° 1	13°45	29°49	22°29	23°40	20°27	4°56	S 5
M 6	3 38 36	23°22'10	23°14	6°17	9°32	16°40	28°56	9°24	20° 5	13°43	29°49	22°19	23°36	20°34	5° 0	M 6
T 7	3 42 32	24°22'52	7♐48	7°44	10°41	17°25	29° 6	9°24	20° 8	13°42	29°49	22°11	23°33	20°41	5° 4	T 7
W 8	3 46 29	25°23'35	22°29	9°12	11°51	18°10	29°15	9°24	20°11	13°40	29°49	22° 5	23°30	20°47	5° 8	W 8
T 9	3 50 25	26°24'20	7♑ 9	10°41	13° 0	18°55	29°25	9°25	20°15	13°38	29°49	22° 2	23°27	20°54	5°11	T 9
F 10	3 54 22	27°25'05	21°43	12°11	14°10	19°41	29°35	9°26	20°18	13°37	29°49	22°D 1	23°24	21° 1	5°15	F 10
S 11	3 58 18	28°25'52	6♒ 6	13°41	15°19	20°26	29°44	9°26	20°21	13°35	29°49	22° 1	23°20	21° 7	5°18	S 11
S 12	4 2 15	29°26'40	20°15	15°12	16°29	21°11	29°53	9°27	20°24	13°33	29°49	22° 2	23°17	21°14	5°22	S 12
M13	4 6 11	0♐27'28	4♓11	16°44	17°39	21°57	0♎ 2	9°28	20°27	13°32	29°50	22°R 2	23°14	21°20	5°25	M13
T 14	4 10 8	1°28'18	17°51	18°16	18°49	22°42	0°12	9°29	20°30	13°30	29°50	22° 1	23°11	21°27	5°28	T 14
W15	4 14 5	2°29'08	1♈19	19°48	20° 0	23°28	0°21	9°31	20°33	13°29	29°50	21°57	23° 8	21°34	5°31	W15
T 16	4 18 1	3°29'59	14°33	21°21	21°10	24°13	0°29	9°32	20°36	13°27	29°51	21°52	23° 5	21°40	5°34	T 16
F 17	4 21 58	4°30'51	27°34	22°53	22°21	24°59	0°38	9°33	20°39	13°25	29°51	21°44	23° 1	21°47	5°37	F 17
S 18	4 25 54	5°31'45	10♉24	24°26	23°31	25°44	0°47	9°35	20°42	13°24	29°51	21°36	22°58	21°54	5°40	S 18
S 19	4 29 51	6°32'39	23° 1	25°59	24°42	26°30	0°55	9°37	20°45	13°22	29°52	21°27	22°55	22° 0	5°42	S 19
M20	4 33 47	7°33'34	5♊26	27°32	25°53	27°16	1° 4	9°38	20°48	13°21	29°52	21°19	22°52	22° 7	5°45	M20
T 21	4 37 44	8°34'30	17°40	29° 5	27° 4	28° 2	1°12	9°40	20°51	13°19	29°52	21°12	22°49	22°14	5°47	T 21
W22	4 41 40	9°35'27	29°43	0♐39	28°16	28°47	1°20	9°42	20°54	13°18	29°53	21° 8	22°46	22°20	5°49	W22
T 23	4 45 37	10°36'25	11♋38	2°12	29°27	29°33	1°28	9°44	20°57	13°16	29°53	21° 5	22°42	22°27	5°51	T 23
F 24	4 49 34	11°37'24	23°27	3°45	0♏38	0♑19	1°36	9°46	20°59	13°15	29°54	21°D 5	22°39	22°34	5°53	F 24
S 25	4 53 30	12°38'24	5♌13	5°19	1°50	1° 5	1°44	9°49	21° 2	13°13	29°54	21° 6	22°36	22°40	5°55	S 25
S 26	4 57 27	13°39'26	17° 1	6°52	3° 1	1°51	1°51	9°51	21° 5	13°12	29°55	21° 8	22°33	22°47	5°57	S 26
M27	5 1 23	14°40'28	28°55	8°26	4°13	2°37	1°59	9°53	21° 7	13°11	29°56	21° 9	22°30	22°53	5°59	M27
T 28	5 5 20	15°41'31	10♍59	10° 0	5°25	3°23	2° 6	9°56	21°10	13° 9	29°56	21°R10	22°26	23° 0	6° 0	T 28
W29	5 9 16	16°42'35	23°20	11°34	6°37	4°10	2°13	9°59	21°13	13° 8	29°57	21°10	22°23	23° 7	6° 2	W29
T 30	5 13 13	17♐43'40	6♎ 2	13♐ 7	7♏49	4♑56	2♎21	10♓ 1	21♎15	13♉ 7	29♒57	21♋ 9	22♋20	23♋13	6♍ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s19	9n30	4n 1	9s15	2n14	0s 2	1n37	23s12	0s48	1n49	1n 9	10s 3	2s 9	7s13	0n35	14n16	1s52	23s28	12s47	21n31	21n23	21n39	4n30	5s43
T 2	17 36	4 59	4 37	9 44	2 11	0 27	1 40	23 18	0 49	1 45	1 9	10 3	2 9	7 14	0 35	14 15	1 52	23 28	12 46	21 32	21 23	21 39	4 28	5 43
F 3	17 52	0 6	4 58	10 15	2 7	0 51	1 43	23 24	0 49	1 41	1 10	10 3	2 9	7 15	0 35	14 15	1 51	23 28	12 46	21 34	21 24	21 39	4 26	5 44
S 4	18 8	4s57	5 4	10 47	2 3	1 16	1 45	23 29	0 50	1 38	1 10	10 3	2 8	7 17	0 35	14 14	1 51	23 28	12 46	21 35	21 25	21 39	4 24	5 44
S 5	18 24	9 53	4 52	11 19	1 58	1 41	1 48	23 35	0 50	1 34	1 10	10 3	2 8	7 18	0 35	14 14	1 51	23 27	12 45	21 37	21 25	21 39	4 22	5 45
M 6	18 40	14 24	4 22	11 52	1 53	2 6	1 50	23 40	0 50	1 30	1 10	10 3	2 8	7 19	0 35	14 13	1 51	23 27	12 45	21 39	21 26	21 39	4 20	5 45
T 7	18 55	18 9	3 34	12 26	1 47	2 31	1 52	23 45	0 51	1 26	1 10	10 2	2 8	7 20	0 35	14 13	1 51	23 27	12 45	21 40	21 26	21 39	4 19	5 46
W 8	19 9	20 46	2 32	13 0	1 41	2 56	1 55	23 49	0 51	1 22	1 10	10 2	2 8	7 22	0 36	14 12	1 51	23 27	12 45	21 41	21 27	21 39	4 17	5 46
T 9	19 24	21 59	1 19	13 33	1 35	3 21	1 57	23 53	0 52	1 19	1 11	10 2	2 8	7 23	0 36	14 12	1 51	23 26	12 44	21 41	21 27	21 38	4 15	5 47
F 10	19 38	21 43	0 2	14 7	1 29	3 47	1 58	23 58	0 52	1 15	1 11	10 1	2 7	7 24	0 36	14 11	1 51	23 26	12 44	21 42	21 28	21 38	4 13	5 47
S 11	19 51	20 0	1s15	14 41	1 22	4 12	2 0	24 1	0 53	1 12	1 11	10 1	2 7	7 25	0 36	14 11	1 51	23 26	12 44	21 41	21 28	21 38	4 12	5 48
S 12	20 5	17 4	2 26	15 14	1 15	4 37	2 2	24 5	0 53	1 8	1 11	10 0	2 7	7 26	0 36	14 10	1 51	23 25	12 44	21 41	21 29	21 38	4 10	5 48
M13	20 18	13 13	3 27	15 47	1 9	5 3	2 3	24 8	0 53	1 5	1 11	10 0	2 7	7 28	0 36	14 10	1 51	23 25	12 43	21 41	21 29	21 38	4 8	5 49
T 14	20 30	8 43	4 15	16 19	1 2	5 28	2 5	24 11	0 54	1 1	1 12	9 59	2 7	7 29	0 36	14 10	1 51	23 25	12 43	21 42	21 30	21 38	4 7	5 49
W15	20 42	3 53	4 48	16 51	0 55	5 53	2 6	24 14	0 54	0 58	1 12	9 58	2 7	7 30	0 36	14 9	1 51	23 24	12 43	21 42	21 31	21 37	4 5	5 49
T 16	20 54	1n 3	5 5	17 22	0 48	6 19	2 7	24 17	0 54	0 54	1 12	9 58	2 6	7 31	0 36	14 9	1 51	23 24	12 42	21 43	21 31	21 37	4 4	5 50
F 17	21 6	5 52	5 6	17 53	0 40	6 44	2 8	24 19	0 55	0 51	1 12	9 57	2 6	7 32	0 36	14 8	1 51	23 24	12 42	21 44	21 32	21 37	4 2	5 50
S 18	21 17	10 21	4 52	18 23	0 33	7 9	2 9	24 21	0 55	0 48	1 12	9 56	2 6	7 33	0 36	14 8	1 51	23 23	12 42	21 46	21 32	21 37	4 1	5 51
S 19	21 27	14 20	4 23	18 52	0 26	7 34	2 10	24 22	0 55	0 45	1 13	9 56	2 6	7 34	0 36	14 7	1 51	23 23	12 42	21 47	21 33	21 37	3 59	5 51
M20	21 37	17 37	3 42	19 21	0 19	7 59	2 11	24 24	0 56	0 41	1 13	9 55	2 6	7 35	0 36	14 7	1 51	23 22	12 41	21 48	21 33	21 37	3 58	5 52
T 21	21 47	20 5	2 51	19 48	0 12	8 24	2 12	24 25	0 56	0 38	1 13	9 54	2 5	7 36	0 36	14 6	1 51	23 22	12 41	21 49	21 34	21 36	3 57	5 52
W22	21 56	21 36	1 54	20 15	0 5	8 49	2 12	24 26	0 57	0 35	1 13	9 53	2 5	7 37	0 36	14 6	1 51	23 22	12 41	21 50	21 34	21 36	3 55	5 53
T 23	22 5	22 8	0 51	20 41	0s 2	9 14	2 13	24 27	0 57	0 32	1 14	9 52	2 5	7 38	0 36	14 6	1 51	23 21	12 41	21 50	21 35	21 36	3 54	5 53
F 24	22 14	21 40	0n13	21 5	0 8	9 39	2 13	24 27	0 57	0 29	1 14	9 51	2 5	7 39	0 36	14 5	1 51	23 21	12 40	21 50	21 35	21 36	3 53	5 54
S 25	22 22	20 15	1 16	21 29	0 15	10 3	2 13	24 27	0 57	0 26	1 14	9 50	2 5	7 40	0 36	14 5	1 51	23 20	12 40	21 50	21 36	21 35	3 52	5 54
S 26	22 30	17 57	2 17	21 52	0 22	10 28	2 13	24 27	0 58	0 24	1 14	9 49	2 5	7 41	0 36	14 4	1 51	23 20	12 40	21 50	21 36	21 35	3 51	5 55
M27	22 37	14 53	3 12	22 14	0 28	10 52	2 13	24 26	0 58	0 21	1 14	9 48	2 4	7 42	0 36	14 4	1 51	23 19	12 39	21 50	21 37	21 35	3 50	5 55
T 28	22 44	11 9	4 0	22 35	0 35	11 16	2 13	24 26	0 58	0 18	1 15	9 47	2 4	7 43	0 36	14 4	1 51	23 19	12 39	21 50	21 37	21 35	3 49	5 56
W29	22 50	6 53	4 37	22 54	0 41	11 40	2 13	24 24	0 59	0 15	1 15	9 46	2 4	7 44	0 36	14 3	1 51	23 18	12 39	21 50	21 38	21 35	3 48	5 56
T 30	22s56	2n13	5n 2	23s13	0s47	12s 4	2n12	24s23	0s59	0n13	1n15	9s44	2s 4	7s45	0n36	14n 3	1s51	23s18	12s39	21n50	21n38	21n34	3n47	5s57

Julian Day Number = 2288595.5, Delta T = 171.59 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'52, Lahiri = 17°37'52 Julian Calendar 1 Nov. 1553 == Greg. Calendar 11 Nov. 1553

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ASTRODIENST EPHEMERIS for the year 1553
geocentric

DECEMBER 1553 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 17 9	18♐44'46	19♎ 9	14♐41	9♏ 1	5♑42	2♎27	10♓ 4	21♎17	13°R 5	29♒58	21°R 6	22♋17	23♋20	6♍ 4	F 1
S 2	5 21 6	19°45'53	2♏44	16°16	10°13	6°28	2°34	10° 7	21°20	13♑ 4	29°59	21♋ 1	22°14	23°27	6° 5	S 2
S 3	5 25 3	20°47'01	16°46	17°50	11°26	7°15	2°41	10°10	21°22	13° 3	29°59	20°57	22°11	23°33	6° 6	S 3
M 4	5 28 59	21°48'10	1♐13	19°24	12°38	8° 1	2°47	10°13	21°25	13° 1	0♓ 0	20°52	22° 7	23°40	6° 7	M 4
T 5	5 32 56	22°49'19	16° 1	20°59	13°51	8°47	2°54	10°17	21°27	13° 0	0° 1	20°48	22° 4	23°47	6° 8	T 5
W 6	5 36 52	23°50'29	1♑ 1	22°34	15° 3	9°34	3° 0	10°20	21°29	12°59	0° 2	20°45	22° 1	23°53	6° 9	W 6
T 7	5 40 49	24°51'39	16° 5	24° 9	16°16	10°20	3° 6	10°23	21°31	12°58	0° 3	20°D44	21°58	24° 0	6° 9	T 7
F 8	5 44 45	25°52'50	1♒ 4	25°44	17°28	11° 7	3°12	10°27	21°33	12°57	0° 4	20°45	21°55	24° 7	6°10	F 8
S 9	5 48 42	26°54'00	15°50	27°20	18°41	11°54	3°18	10°30	21°36	12°56	0° 4	20°46	21°52	24°13	6°10	S 9
S 10	5 52 38	27°55'11	0♓18	28°55	19°54	12°40	3°23	10°34	21°38	12°54	0° 5	20°47	21°48	24°20	6°10	S 10
M11	5 56 35	28°56'21	14°24	0♑31	21° 7	13°27	3°29	10°38	21°40	12°53	0° 6	20°48	21°45	24°27	6°R10	M11
T 12	6 0 32	29°57'32	28° 9	2° 8	22°20	14°13	3°34	10°42	21°42	12°52	0° 7	20°R49	21°42	24°33	6°10	T 12
W13	6 4 28	0♑58'42	11♈32	3°44	23°33	15° 0	3°39	10°46	21°43	12°51	0° 8	20°49	21°39	24°40	6°10	W13
T 14	6 8 25	1°59'52	24°36	5°21	24°46	15°47	3°44	10°50	21°45	12°50	0° 9	20°47	21°36	24°46	6° 9	T 14
F 15	6 12 21	3° 1'02	7♉23	6°58	25°59	16°34	3°49	10°54	21°47	12°49	0°10	20°45	21°32	24°53	6° 9	F 15
S 16	6 16 18	4° 2'12	19°55	8°35	27°12	17°21	3°53	10°58	21°49	12°48	0°11	20°43	21°29	25° 0	6° 8	S 16
S 17	6 20 14	5° 3'22	2♊15	10°13	28°25	18° 7	3°58	11° 3	21°51	12°48	0°12	20°40	21°26	25° 6	6° 8	S 17
M18	6 24 11	6° 4'31	14°24	11°51	29°38	18°54	4° 2	11° 7	21°52	12°47	0°13	20°38	21°23	25°13	6° 7	M18
T 19	6 28 8	7° 5'41	26°25	13°29	0♐51	19°41	4° 6	11°11	21°54	12°46	0°14	20°36	21°20	25°20	6° 6	T 19
W20	6 32 4	8° 6'51	8♋20	15° 8	2° 5	20°28	4°10	11°16	21°55	12°45	0°15	20°35	21°17	25°26	6° 5	W20
T 21	6 36 1	9° 8'00	20°10	16°47	3°18	21°15	4°14	11°21	21°57	12°44	0°16	20°D35	21°13	25°33	6° 4	T 21
F 22	6 39 57	10° 9'09	1♌57	18°26	4°31	22° 2	4°17	11°25	21°58	12°43	0°18	20°35	21°10	25°40	6° 3	F 22
S 23	6 43 54	11°10'18	13°45	20° 5	5°45	22°49	4°21	11°30	22° 0	12°43	0°19	20°36	21° 7	25°46	6° 1	S 23
S 24	6 47 50	12°11'27	25°35	21°45	6°58	23°36	4°24	11°35	22° 1	12°42	0°20	20°36	21° 4	25°53	6° 0	S 24
M25	6 51 47	13°12'36	7♍31	23°24	8°12	24°23	4°27	11°40	22° 2	12°41	0°21	20°37	21° 1	26° 0	5°58	M25
T 26	6 55 43	14°13'45	19°37	25° 4	9°26	25°10	4°30	11°45	22° 4	12°41	0°22	20°38	20°58	26° 6	5°57	T 26
W27	6 59 40	15°14'54	1♎57	26°43	10°39	25°57	4°33	11°50	22° 5	12°40	0°24	20°39	20°54	26°13	5°55	W27
T 28	7 3 37	16°16'02	14°35	28°23	11°53	26°44	4°35	11°55	22° 6	12°40	0°25	20°R39	20°51	26°20	5°53	T 28
F 29	7 7 33	17°17'11	27°34	0♒ 2	13° 6	27°32	4°37	12° 1	22° 7	12°39	0°26	20°39	20°48	26°26	5°51	F 29
S 30	7 11 30	18°18'19	10♏59	1°40	14°20	28°19	4°40	12° 6	22° 8	12°39	0°27	20°38	20°45	26°33	5°49	S 30
S 31	7 15 26	19♑19'27	24♏50	3♒18	15♐34	29♑ 6	4♎41	12♓11	22♎ 9	12♉38	0♓29	20♋38	20♋42	26♋39	5♍47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	2s41	5n13	23s30	0s53	12s27	2n12	24s22	0s59	0n10	1n15	9s43	2s 4	7s46	0n36	14n 3	1s51	23s17	12s38	21n50	21n39	21n34	3n46	5s58
S 2	23 6	7 39	5 7	23 46	0 59	12 50	2 11	24 20	1 0	0 8	1 16	9 42	2 4	7 47	0 36	14 2	1 51	23 17	12 38	21 51	21 39	21 34	3 45	5 58
S 3	23 10	12 22	4 42	24 1	1 5	13 13	2 11	24 18	1 0	0 5	1 16	9 41	2 3	7 48	0 36	14 2	1 51	23 16	12 38	21 52	21 40	21 34	3 44	5 59
M 4	23 15	16 33	3 59	24 15	1 11	13 36	2 10	24 15	1 0	0 3	1 16	9 39	2 3	7 49	0 36	14 2	1 51	23 16	12 38	21 52	21 40	21 33	3 43	5 59
T 5	23 18	19 47	2 59	24 27	1 16	13 58	2 9	24 12	1 0	0 1	1 16	9 38	2 3	7 50	0 36	14 1	1 51	23 15	12 37	21 53	21 41	21 33	3 43	6 0
W 6	23 21	21 43	1 46	24 38	1 21	14 20	2 9	24 9	1 1	0s 2	1 17	9 36	2 3	7 50	0 36	14 1	1 51	23 15	12 37	21 53	21 41	21 33	3 42	6 0
T 7	23 24	22 6	0 26	24 48	1 26	14 42	2 8	24 6	1 1	0 4	1 17	9 35	2 3	7 51	0 36	14 1	1 51	23 14	12 37	21 54	21 42	21 32	3 41	6 1
F 8	23 26	20 53	0s57	24 56	1 31	15 4	2 6	24 3	1 1	0 6	1 17	9 34	2 3	7 52	0 36	14 0	1 50	23 14	12 37	21 53	21 43	21 32	3 41	6 1
S 9	23 28	18 16	2 14	25 3	1 35	15 25	2 5	23 59	1 1	0 8	1 17	9 32	2 2	7 53	0 36	14 0	1 50	23 13	12 36	21 53	21 43	21 32	3 40	6 2
S 10	23 29	14 32	3 21	25 9	1 40	15 46	2 4	23 55	1 2	0 10	1 18	9 30	2 2	7 53	0 36	14 0	1 50	23 13	12 36	21 53	21 44	21 32	3 40	6 2
M11	23 30	10 4	4 15	25 13	1 44	16 6	2 3	23 50	1 2	0 12	1 18	9 29	2 2	7 54	0 36	13 59	1 50	23 12	12 36	21 53	21 44	21 31	3 39	6 2
T 12	23 30	5 12	4 52	25 16	1 47	16 26	2 1	23 46	1 2	0 14	1 18	9 27	2 2	7 55	0 36	13 59	1 50	23 12	12 36	21 53	21 45	21 31	3 39	6 3
W13	23 30	0 13	5 12	25 17	1 51	16 46	2 0	23 41	1 2	0 15	1 18	9 26	2 2	7 56	0 36	13 59	1 50	23 11	12 36	21 53	21 45	21 31	3 38	6 3
T 14	23 29	4n40	5 15	25 17	1 54	17 5	1 58	23 36	1 2	0 17	1 19	9 24	2 2	7 56	0 36	13 59	1 50	23 11	12 35	21 53	21 46	21 30	3 38	6 4
F 15	23 28	9 14	5 3	25 16	1 57	17 24	1 57	23 30	1 3	0 19	1 19	9 22	2 2	7 57	0 36	13 58	1 50	23 10	12 35	21 53	21 46	21 30	3 38	6 4
S 16	23 26	13 19	4 36	25 12	2 0	17 43	1 55	23 24	1 3	0 20	1 19	9 20	2 1	7 58	0 36	13 58	1 50	23 9	12 35	21 54	21 47	21 30	3 37	6 5
S 17	23 24	16 47	3 57	25 8	2 2	18 1	1 53	23 18	1 3	0 22	1 19	9 19	2 1	7 58	0 36	13 58	1 50	23 9	12 35	21 54	21 47	21 29	3 37	6 5
M18	23 21	19 29	3 7	25 1	2 4	18 18	1 52	23 12	1 3	0 23	1 20	9 17	2 1	7 59	0 36	13 58	1 50	23 8	12 34	21 55	21 48	21 29	3 37	6 6
T 19	23 18	21 17	2 10	24 53	2 5	18 35	1 50	23 5	1 3	0 25	1 20	9 15	2 1	7 59	0 36	13 58	1 50	23 8	12 34	21 55	21 48	21 29	3 37	6 6
W20	23 15	22 7	1 7	24 44	2 6	18 52	1 48	22 59	1 3	0 26	1 20	9 13	2 1	8 0	0 36	13 57	1 50	23 7	12 34	21 55	21 49	21 28	3 37	6 7
T 21	23 11	21 56	0 2	24 33	2 7	19 8	1 46	22 52	1 4	0 27	1 20	9 11	2 1	8 0	0 36	13 57	1 50	23 6	12 34	21 55	21 49	21 28	3 37	6 7
F 22	23 6	20 47	1n 3	24 20	2 8	19 24	1 44	22 44	1 4	0 29	1 21	9 9	2 1	8 1	0 36	13 57	1 50	23 6	12 34	21 55	21 50	21 27	3 37	6 8
S 23	23 2	18 44	2 5	24 5	2 7	19 39	1 41	22 37	1 4	0 30	1 21	9 7	2 0	8 1	0 36	13 57	1 50	23 5	12 33	21 55	21 50	21 27	3 37	6 8
S 24	22 56	15 53	3 3	23 49	2 7	19 54	1 39	22 29	1 4	0 31	1 21	9 5	2 0	8 2	0 36	13 57	1 50	23 5	12 33	21 55	21 51	21 27	3 37	6 8
M25	22 50	12 22	3 53	23 32	2 6	20 8	1 37	22 21	1 4	0 32	1 21	9 3	2 0	8 2	0 37	13 57	1 50	23 4	12 33	21 55	21 51	21 26	3 37	6 9
T 26	22 44	8 18	4 33	23 12	2 4	20 21	1 35	22 12	1 4	0 32	1 22	9 1	2 0	8 3	0 37	13 56	1 50	23 3	12 33	21 54	21 51	21 26	3 38	6 9
W27	22 37	3 50	5 1	22 51	2 2	20 34	1 32	22 4	1 4	0 33	1 22	8 59	2 0	8 3	0 37	13 56	1 49	23 3	12 33	21 54	21 52	21 26	3 38	6 10
T 28	22 30	0s54	5 16	22 29	1 59	20 47	1 30	21 55	1 4	0 34	1 22	8 57	2 0	8 4	0 37	13 56	1 49	23 2	12 33	21 54	21 52	21 25	3 38	6 10
F 29	22 23	5 43	5 16	22 5	1 56	20 59	1 27	21 46	1 5	0 35	1 23	8 55	2 0	8 4	0 37	13 56	1 49	23 1	12 32	21 54	21 53	21 25	3 39	6 10
S 30	22 14	10 25	4 58	21 39	1 52	21 10	1 25	21 36	1 5	0 35	1 23	8 53	2 0	8 4	0 37	13 56	1 49	23 1	12 32	21 54	21 53	21 24	3 39	6 11
S 31	22s 6	14s46	4n23	21s12	1s47	21s21	1n22	21s27	1s 5	0s36	1n23	8s51	1s59	8s 5	0n37	13n56	1s49	23s 0	12s32	21n54	21n54	21n24	3n39	6s11

Julian Day Number = 2288625.5, Delta T = 171.42 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°30'56, Lahiri = 17°37'57 Julian Calendar 1 Dec. 1553 == Greg. Calendar 11 Dec. 1553

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

JANUARY 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 19 23	20♑20'35	9♐ 9	4♒56	16♐48	29♑53	4♎43	12♓17	22♎10	12°R38	0♓30	20°D38	20♋38	26♋46	5°R44	M 1
T 2	7 23 19	21°21'43	23°52	6°32	18° 2	0♒40	4°45	12°22	22°11	12♑37	0°31	20♋38	20°35	26°53	5♍42	T 2
W 3	7 27 16	22°22'50	8♑53	8° 6	19°15	1°28	4°46	12°28	22°12	12°37	0°33	20°38	20°32	26°59	5°39	W 3
T 4	7 31 12	23°23'57	24° 6	9°39	20°29	2°15	4°47	12°33	22°12	12°37	0°34	20°R38	20°29	27° 6	5°37	T 4
F 5	7 35 9	24°25'03	9♒19	11°10	21°43	3° 2	4°48	12°39	22°13	12°36	0°35	20°38	20°26	27°13	5°34	F 5
S 6	7 39 6	25°26'08	24°24	12°38	22°57	3°50	4°49	12°45	22°14	12°36	0°37	20°38	20°23	27°19	5°31	S 6
S 7	7 43 2	26°27'12	9♓12	14° 3	24°11	4°37	4°50	12°51	22°14	12°36	0°38	20°37	20°19	27°26	5°28	S 7
M 8	7 46 59	27°28'15	23°36	15°24	25°25	5°24	4°50	12°57	22°15	12°36	0°40	20°36	20°16	27°33	5°25	M 8
T 9	7 50 55	28°29'17	7♈34	16°41	26°39	6°12	4°50	13° 3	22°15	12°35	0°41	20°36	20°13	27°39	5°22	T 9
W10	7 54 52	29°30'18	21° 4	17°53	27°53	6°59	4°R50	13° 9	22°16	12°35	0°42	20°35	20°10	27°46	5°19	W10
T 11	7 58 48	0♒31'17	4♉10	18°59	29° 7	7°46	4°50	13°15	22°16	12°35	0°44	20°D35	20° 7	27°53	5°16	T 11
F 12	8 2 45	1°32'16	16°53	19°58	0♑21	8°34	4°50	13°21	22°16	12°35	0°45	20°36	20° 4	27°59	5°12	F 12
S 13	8 6 41	2°33'13	29°17	20°50	1°35	9°21	4°49	13°27	22°17	12°D35	0°47	20°36	20° 0	28° 6	5° 9	S 13
S 14	8 10 38	3°34'09	11♊27	21°33	2°49	10° 9	4°49	13°33	22°17	12°35	0°48	20°38	19°57	28°12	5° 5	S 14
M15	8 14 35	4°35'04	23°26	22° 7	4° 3	10°56	4°48	13°40	22°17	12°35	0°50	20°39	19°54	28°19	5° 2	M15
T 16	8 18 31	5°35'58	5♋18	22°32	5°17	11°43	4°47	13°46	22°17	12°35	0°51	20°40	19°51	28°26	4°58	T 16
W17	8 22 28	6°36'50	17° 7	22°46	6°31	12°31	4°45	13°52	22°R17	12°35	0°53	20°R41	19°48	28°32	4°54	W17
T 18	8 26 24	7°37'41	28°54	22°R49	7°45	13°18	4°44	13°59	22°17	12°36	0°54	20°41	19°44	28°39	4°51	T 18
F 19	8 30 21	8°38'31	10♌43	22°41	8°59	14° 6	4°42	14° 5	22°17	12°36	0°56	20°39	19°41	28°46	4°47	F 19
S 20	8 34 17	9°39'20	22°35	22°22	10°14	14°53	4°40	14°12	22°17	12°36	0°58	20°37	19°38	28°52	4°43	S 20
S 21	8 38 14	10°40'08	4♍32	21°53	11°28	15°41	4°38	14°18	22°16	12°36	0°59	20°34	19°35	28°59	4°39	S 21
M22	8 42 10	11°40'54	16°36	21°13	12°42	16°28	4°36	14°25	22°16	12°37	1° 1	20°31	19°32	29° 6	4°35	M22
T 23	8 46 7	12°41'39	28°50	20°24	13°56	17°15	4°34	14°32	22°16	12°37	1° 2	20°27	19°29	29°12	4°30	T 23
W24	8 50 4	13°42'24	11♎16	19°27	15°10	18° 3	4°31	14°38	22°16	12°37	1° 4	20°24	19°25	29°19	4°26	W24
T 25	8 54 0	14°43'07	23°56	18°25	16°24	18°50	4°28	14°45	22°15	12°38	1° 5	20°21	19°22	29°26	4°22	T 25
F 26	8 57 57	15°43'49	6♏53	17°17	17°39	19°38	4°25	14°52	22°15	12°38	1° 7	20°20	19°19	29°32	4°18	F 26
S 27	9 1 53	16°44'30	20° 9	16° 8	18°53	20°25	4°22	14°59	22°14	12°38	1° 9	20°D19	19°16	29°39	4°13	S 27
S 28	9 5 50	17°45'09	3♐49	14°57	20° 7	21°13	4°19	15° 6	22°14	12°39	1°10	20°20	19°13	29°46	4° 9	S 28
M29	9 9 46	18°45'48	17°51	13°48	21°21	22° 0	4°15	15°13	22°13	12°40	1°12	20°22	19° 9	29°52	4° 4	M29
T 30	9 13 43	19°46'26	2♑17	12°42	22°36	22°48	4°12	15°20	22°12	12°40	1°13	20°23	19° 6	29°59	4° 0	T 30
W31	9 17 39	20♒47'02	17♑ 3	11♒41	23♑50	23♒35	4♎ 8	15♓27	22♎11	12♉41	1♓15	20°R24	19♋ 3	0♌ 5	3♍55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21s57	18s24	3n31	20s43	1s42	21s31	1n20	21s17	1s 5	0s36	1n23	8s48	1s59	8s 5	0n37	13n56	1s49	23s 0	12s32	21n54	21n54	21n24	3n40	6s12	
T 2	21 48	20 58	2 24	20 14	1 35	21 40	1 17	21 7	1 5	0 37	1 24	8 46	1 59	8 5	0 37	13 56	1 49	22 59	12 32	21 54	21 55	21 23	3 41	6 12	
W 3	21 38	22 7	1 5	19 43	1 29	21 49	1 15	20 56	1 5	0 37	1 24	8 44	1 59	8 6	0 37	13 56	1 49	22 58	12 32	21 54	21 55	21 23	3 41	6 12	
T 4	21 28	21 40	0s19	19 10	1 21	21 58	1 12	20 46	1 5	0 37	1 24	8 42	1 59	8 6	0 37	13 56	1 49	22 58	12 31	21 54	21 56	21 22	3 42	6 13	
F 5	21 17	19 36	1 42	18 37	1 12	22 5	1 9	20 35	1 5	0 37	1 25	8 39	1 59	8 6	0 37	13 56	1 49	22 57	12 31	21 54	21 56	21 22	3 42	6 13	
S 6	21 6	16 12	2 57	18 4	1 3	22 12	1 6	20 24	1 5	0 37	1 25	8 37	1 59	8 6	0 37	13 56	1 49	22 56	12 31	21 54	21 57	21 21	3 43	6 13	
S 7	20 55	11 49	3 59	17 29	0 52	22 18	1 4	20 13	1 5	0 37	1 25	8 35	1 59	8 6	0 37	13 56	1 49	22 56	12 31	21 55	21 57	21 21	3 44	6 13	
M 8	20 43	6 53	4 43	16 55	0 41	22 24	1 1	20 1	1 5	0 37	1 25	8 32	1 59	8 7	0 37	13 56	1 49	22 55	12 31	21 55	21 58	21 21	3 45	6 14	
T 9	20 31	1 44	5 10	16 20	0 29	22 29	0 58	19 49	1 5	0 37	1 26	8 30	1 59	8 7	0 37	13 56	1 49	22 54	12 31	21 55	21 58	21 20	3 46	6 14	
W10	20 18	3n20	5 18	15 46	0 16	22 34	0 55	19 37	1 5	0 37	1 26	8 28	1 58	8 7	0 37	13 56	1 49	22 54	12 31	21 55	21 59	21 20	3 47	6 14	
T 11	20 5	8 5	5 9	15 12	0 2	22 37	0 52	19 25	1 5	0 37	1 26	8 25	1 58	8 7	0 37	13 56	1 49	22 53	12 30	21 55	21 59	21 19	3 47	6 15	
F 12	19 52	12 21	4 45	14 39	0n13	22 40	0 50	19 13	1 5	0 36	1 26	8 23	1 58	8 7	0 37	13 56	1 48	22 53	12 30	21 55	22 0	21 19	3 48	6 15	
S 13	19 38	16 0	4 8	14 8	0 28	22 43	0 47	19 0	1 5	0 36	1 27	8 20	1 58	8 7	0 37	13 56	1 48	22 52	12 30	21 55	22 0	21 18	3 49	6 15	
S 14	19 24	18 53	3 21	13 39	0 44	22 44	0 44	18 48	1 5	0 35	1 27	8 18	1 58	8 7	0 37	13 56	1 48	22 51	12 30	21 55	22 1	21 18	3 51	6 15	
M15	19 10	20 55	2 26	13 12	1 1	22 45	0 41	18 35	1 5	0 35	1 27	8 15	1 58	8 7	0 37	13 56	1 48	22 51	12 30	21 54	22 1	21 17	3 52	6 16	
T 16	18 55	21 59	1 24	12 48	1 18	22 46	0 38	18 21	1 5	0 34	1 28	8 13	1 58	8 7	0 37	13 56	1 48	22 50	12 30	21 54	22 1	21 17	3 53	6 16	
W17	18 40	22 4	0 20	12 27	1 36	22 45	0 35	18 8	1 5	0 33	1 28	8 10	1 58	8 7	0 37	13 56	1 48	22 49	12 30	21 54	22 2	21 16	3 54	6 16	
T 18	18 24	21 10	0n45	12 10	1 53	22 44	0 32	17 54	1 5	0 32	1 28	8 8	1 58	8 7	0 37	13 56	1 48	22 49	12 30	21 54	22 2	21 16	3 55	6 16	
F 19	18 9	19 20	1 49	11 56	2 10	22 42	0 29	17 41	1 5	0 31	1 28	8 5	1 58	8 7	0 37	13 56	1 48	22 48	12 30	21 54	22 3	21 15	3 56	6 16	
S 20	17 53	16 39	2 47	11 46	2 27	22 40	0 26	17 27	1 5	0 30	1 29	8 2	1 58	8 7	0 37	13 56	1 48	22 47	12 30	21 55	22 3	21 15	3 58	6 16	
S 21	17 36	13 16	3 39	11 41	2 42	22 37	0 23	17 13	1 5	0 29	1 29	8 0	1 58	8 7	0 37	13 57	1 48	22 47	12 30	21 55	22 4	21 14	3 59	6 17	
M22	17 19	9 19	4 22	11 40	2 57	22 33	0 20	16 58	1 5	0 28	1 29	7 57	1 58	8 7	0 37	13 57	1 48	22 46	12 29	21 56	22 4	21 14	4 0	6 17	
T 23	17 2	4 56	4 53	11 43	3 10	22 29	0 17	16 44	1 5	0 27	1 29	7 55	1 57	8 7	0 37	13 57	1 48	22 45	12 29	21 56	22 5	21 13	4 2	6 17	
W24	16 45	0 18	5 11	11 50	3 21	22 23	0 14	16 29	1 5	0 26	1 30	7 52	1 57	8 7	0 37	13 57	1 48	22 45	12 29	21 57	22 5	21 13	4 3	6 17	
T 25	16 27	4s26	5 14	12 1	3 30	22 18	0 12	16 14	1 5	0 24	1 30	7 49	1 57	8 6	0 37	13 57	1 48	22 44	12 29	21 57	22 6	21 12	4 5	6 17	
F 26	16 10	9 5	5 2	12 15	3 37	22 11	0 9	15 59	1 5	0 23	1 30	7 47	1 57	8 6	0 37	13 57	1 48	22 44	12 29	21 57	22 6	21 11	4 6	6 17	
S 27	15 51	13 26	4 33	12 31	3 41	22 4	0 6	15 44	1 4	0 21	1 30	7 44	1 57	8 6	0 37	13 58	1 48	22 43	12 29	21 57	22 7	21 11	4 8	6 17	
S 28	15 33	17 13	3 49	12 49	3 44	21 56	0 3	15 29	1 4	0 20	1 31	7 41	1 57	8 6	0 37	13 58	1 47	22 42	12 29	21 57	22 7	21 10	4 9	6 17	
M29	15 14	20 8	2 49	13 9	3 43	21 48	0 0	15 13	1 4	0 18	1 31	7 38	1 57	8 5	0 37	13 58	1 47	22 42	12 29	21 57	22 7	21 10	4 11	6 17	
T 30	14 55	21 51	1 38	13 30	3 41	21 39	0s 3	14 58	1 4	0 17	1 31	7 36	1 57	8 5	0 37	13 58	1 47	22 41	12 29	21 57	22 8	21 9	4 12	6 17	
W31	14s36	22s 6	0n18	13s52	3n36	21s29	0s 6	14s42	1s 4	0s15	1n31	7s33	1s57	8s 5	0n38	13n59	1s47	22s40	12s29	21n57	22n 8	21n 9	4n14	6s17	

Julian Day Number = 2288656.5, Delta T = 171.24 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'00, Lahiri = 17°38'01 Julian Calendar 1 Jan. 1554 == Greg. Calendar 11 Jan. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

FEBRUARY 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 21 36	21♒47'37	2♒ 4	10°R45	25♉ 4	24♒22	4°R 4	15♓34	22°R11	12♉41	1♓17	20°R24	19♋ 0	0♌12	3°R51	T 1
F 2	9 25 33	22°48'11	17°13	9♒55	26°18	25°10	4♎ 0	15°41	22♎10	12°42	1°18	20♋22	18°57	0°19	3♍46	F 2
S 3	9 29 29	23°48'43	2♓20	9°12	27°33	25°57	3°55	15°48	22° 9	12°43	1°20	20°18	18°54	0°25	3°41	S 3
S 4	9 33 26	24°49'13	17°16	8°37	28°47	26°45	3°51	15°55	22° 8	12°43	1°22	20°13	18°50	0°32	3°37	S 4
M 5	9 37 22	25°49'41	1♈51	8° 9	0♒ 1	27°32	3°46	16° 2	22° 7	12°44	1°23	20° 7	18°47	0°39	3°32	M 5
T 6	9 41 19	26°50'08	16° 1	7°49	1°15	28°20	3°41	16° 9	22° 6	12°45	1°25	20° 2	18°44	0°45	3°27	T 6
W 7	9 45 15	27°50'32	29°42	7°36	2°30	29° 7	3°36	16°16	22° 5	12°46	1°27	19°57	18°41	0°52	3°23	W 7
T 8	9 49 12	28°50'55	12♉55	7°D31	3°44	29°54	3°31	16°23	22° 4	12°47	1°28	19°54	18°38	0°59	3°18	T 8
F 9	9 53 8	29°51'16	25°41	7°32	4°58	0♓42	3°26	16°31	22° 2	12°48	1°30	19°D53	18°35	1° 5	3°13	F 9
S 10	9 57 5	0♓51'35	8♊ 6	7°39	6°13	1°29	3°20	16°38	22° 1	12°49	1°32	19°53	18°31	1°12	3° 8	S 10
S 11	10 1 2	1°51'52	20°14	7°53	7°27	2°16	3°15	16°45	22° 0	12°49	1°33	19°55	18°28	1°19	3° 4	S 11
M12	10 4 58	2°52'06	2♋10	8°13	8°41	3° 4	3° 9	16°52	21°59	12°50	1°35	19°56	18°25	1°25	2°59	M12
T 13	10 8 55	3°52'19	13°59	8°37	9°55	3°51	3° 3	17° 0	21°57	12°52	1°36	19°R57	18°22	1°32	2°54	T 13
W14	10 12 51	4°52'30	25°45	9° 7	11°10	4°38	2°57	17° 7	21°56	12°53	1°38	19°57	18°19	1°39	2°49	W14
T 15	10 16 48	5°52'39	7♌32	9°42	12°24	5°26	2°51	17°14	21°54	12°54	1°40	19°55	18°15	1°45	2°44	T 15
F 16	10 20 44	6°52'46	19°24	10°20	13°38	6°13	2°45	17°22	21°53	12°55	1°41	19°51	18°12	1°52	2°40	F 16
S 17	10 24 41	7°52'50	1♍24	11° 3	14°52	7° 0	2°38	17°29	21°51	12°56	1°43	19°45	18° 9	1°59	2°35	S 17
S 18	10 28 37	8°52'53	13°31	11°50	16° 7	7°47	2°32	17°36	21°50	12°57	1°45	19°37	18° 6	2° 5	2°30	S 18
M19	10 32 34	9°52'54	25°49	12°39	17°21	8°34	2°25	17°44	21°48	12°58	1°46	19°28	18° 3	2°12	2°25	M19
T 20	10 36 31	10°52'53	8♎18	13°33	18°35	9°22	2°19	17°51	21°46	13° 0	1°48	19°18	18° 0	2°18	2°21	T 20
W21	10 40 27	11°52'50	20°58	14°29	19°49	10° 9	2°12	17°59	21°44	13° 1	1°50	19° 9	17°56	2°25	2°16	W21
T 22	10 44 24	12°52'46	3♏50	15°28	21° 4	10°56	2° 5	18° 6	21°43	13° 2	1°51	19° 1	17°53	2°32	2°11	T 22
F 23	10 48 20	13°52'40	16°55	16°30	22°18	11°43	1°58	18°13	21°41	13° 3	1°53	18°55	17°50	2°38	2° 6	F 23
S 24	10 52 17	14°52'32	0♐14	17°34	23°32	12°30	1°51	18°21	21°39	13° 5	1°54	18°52	17°47	2°45	2° 2	S 24
S 25	10 56 13	15°52'23	13°49	18°40	24°46	13°17	1°44	18°28	21°37	13° 6	1°56	18°D51	17°44	2°52	1°57	S 25
M26	11 0 10	16°52'12	27°41	19°49	26° 1	14° 4	1°36	18°36	21°35	13° 8	1°58	18°51	17°41	2°58	1°53	M26
T 27	11 4 6	17°51'59	11♑50	21° 0	27°15	14°51	1°29	18°43	21°33	13° 9	1°59	18°R52	17°37	3° 5	1°48	T 27
W28	11 8 3	18♓51'45	26♑15	22♒13	28♒29	15♓38	1♎22	18♓51	21♎31	13♉10	2♓ 1	18♋52	17♋34	3♌12	1♍44	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s17	20s47	1s 4	14s13	3n30	21s18	0s 8	14s26	1s 4	0s13	1n32	7s30	1s57	8s 5	0n38	13n59	1s47	22s40	12s29	21n57	22n 9	21n 8	4n16	6s17	T 1
F 2	13 57	17 58	2 22	14 34	3 22	21 7	0 11	14 10	1 4	0 11	1 32	7 27	1 57	8 4	0 38	13 59	1 47	22 39	12 29	21 57	22 9	21 7	4 17	6 17	F 2
S 3	13 37	13 55	3 29	14 54	3 12	20 56	0 14	13 54	1 4	0 9	1 32	7 25	1 57	8 4	0 38	13 59	1 47	22 39	12 29	21 57	22 10	21 7	4 19	6 17	S 3
S 4	13 17	9 4	4 22	15 13	3 2	20 43	0 17	13 37	1 3	0 7	1 32	7 22	1 57	8 3	0 38	14 0	1 47	22 38	12 29	21 58	22 10	21 6	4 21	6 17	S 4
M 5	12 56	3 47	4 56	15 31	2 51	20 30	0 19	13 21	1 3	0 5	1 33	7 19	1 57	8 3	0 38	14 0	1 47	22 37	12 29	21 59	22 11	21 6	4 23	6 17	M 5
T 6	12 36	1n32	5 11	15 48	2 38	20 17	0 22	13 4	1 3	0 3	1 33	7 16	1 57	8 3	0 38	14 0	1 47	22 37	12 29	22 0	22 11	21 5	4 24	6 17	T 6
W 7	12 15	6 36	5 7	16 4	2 26	20 3	0 24	12 47	1 3	0 1	1 33	7 13	1 57	8 2	0 38	14 1	1 47	22 36	12 29	22 1	22 11	21 4	4 26	6 17	W 7
T 8	11 54	11 11	4 47	16 18	2 13	19 48	0 27	12 31	1 3	0n 1	1 33	7 11	1 57	8 2	0 38	14 1	1 47	22 36	12 29	22 1	22 12	21 4	4 28	6 16	T 8
F 9	11 33	15 8	4 13	16 30	2 0	19 33	0 30	12 14	1 3	0 4	1 33	7 8	1 57	8 1	0 38	14 1	1 47	22 35	12 29	22 1	22 12	21 3	4 30	6 16	F 9
S 10	11 12	18 17	3 28	16 41	1 47	19 17	0 32	11 57	1 2	0 6	1 34	7 5	1 57	8 1	0 38	14 2	1 47	22 34	12 29	22 1	22 13	21 3	4 32	6 16	S 10
S 11	10 50	20 34	2 35	16 50	1 34	19 1	0 35	11 39	1 2	0 9	1 34	7 2	1 57	8 0	0 38	14 2	1 47	22 34	12 29	22 1	22 13	21 2	4 33	6 16	S 11
M12	10 29	21 53	1 35	16 57	1 21	18 44	0 37	11 22	1 2	0 11	1 34	6 59	1 57	8 0	0 38	14 2	1 47	22 33	12 29	22 1	22 14	21 1	4 35	6 16	M12
T 13	10 7	22 13	0 32	17 3	1 8	18 26	0 39	11 5	1 2	0 13	1 34	6 56	1 57	7 59	0 38	14 3	1 46	22 33	12 29	22 1	22 14	21 1	4 37	6 16	T 13
W14	9 45	21 34	0n31	17 8	0 55	18 8	0 42	10 47	1 1	0 16	1 34	6 53	1 57	7 59	0 38	14 3	1 46	22 32	12 29	22 1	22 14	21 0	4 39	6 15	W14
T 15	9 23	19 56	1 34	17 10	0 43	17 50	0 44	10 30	1 1	0 19	1 35	6 51	1 57	7 58	0 38	14 3	1 46	22 32	12 29	22 1	22 15	20 59	4 41	6 15	T 15
F 16	9 0	17 27	2 32	17 12	0 31	17 31	0 46	10 12	1 1	0 21	1 35	6 48	1 57	7 58	0 38	14 4	1 46	22 31	12 29	22 1	22 15	20 59	4 43	6 15	F 16
S 17	8 38	14 11	3 25	17 11	0 19	17 11	0 48	9 54	1 1	0 24	1 35	6 45	1 57	7 57	0 38	14 4	1 46	22 30	12 30	22 2	22 16	20 58	4 45	6 15	S 17
S 18	8 16	10 19	4 8	17 9	0 8	16 51	0 51	9 36	1 0	0 27	1 35	6 42	1 57	7 56	0 38	14 5	1 46	22 30	12 30	22 4	22 16	20 57	4 47	6 14	S 18
M19	7 53	5 58	4 41	17 6	0s 3	16 31	0 53	9 18	1 0	0 29	1 35	6 39	1 57	7 56	0 38	14 5	1 46	22 29	12 30	22 5	22 17	20 57	4 49	6 14	M19
T 20	7 30	1 18	5 1	17 1	0 14	16 10	0 55	9 0	1 0	0 32	1 35	6 36	1 57	7 55	0 38	14 5	1 46	22 29	12 30	22 6	22 17	20 56	4 51	6 14	T 20
W21	7 7	3s28	5 6	16 54	0 24	15 48	0 57	8 42	1 0	0 35	1 35	6 33	1 57	7 54	0 38	14 6	1 46	22 28	12 30	22 8	22 17	20 55	4 53	6 13	W21
T 22	6 44	8 11	4 56	16 46	0 34	15 26	0 59	8 24	0 59	0 38	1 36	6 30	1 57	7 54	0 38	14 6	1 46	22 28	12 30	22 9	22 18	20 55	4 55	6 13	T 22
F 23	6 21	12 36	4 31	16 37	0 43	15 4	1 1	8 6	0 59	0 41	1 36	6 28	1 57	7 53	0 38	14 7	1 46	22 27	12 30	22 9	22 18	20 54	4 57	6 13	F 23
S 24	5 58	16 30	3 50	16 26	0 52	14 41	1 3	7 47	0 59	0 44	1 36	6 25	1 57	7 52	0 38	14 7	1 46	22 27	12 30	22 10	22 19	20 53	4 59	6 12	S 24
S 25	5 35	19 36	2 56	16 13	1 1	14 18	1 4	7 29	0 59	0 47	1 36	6 22	1 57	7 52	0 38	14 8	1 46	22 26	12 30	22 10	22 19	20 53	5 1	6 12	S 25
M26	5 12	21 38	1 51	16 0	1 9	13 55	1 6	7 11	0 58	0 50	1 36	6 19	1 57	7 51	0 38	14 8	1 46	22 26	12 30	22 10	22 20	20 52	5 3	6 11	M26
T 27	4 48	22 21	0 38	15 44	1 17	13 31	1 8	6 52	0 58	0 53	1 36	6 16	1 57	7 50	0 38	14 9	1 46	22 25	12 30	22 10	22 20	20 51	5 5	6 11	T 27
W28	4s25	21s36	0s39	15s28	1s24	13s 7	1s 9	6s34	0s58	0n56	1n36	6s13	1s57	7s49	0n38	14n 9	1s46	22s25	12s31	22n10	22n20	20n50	5n 7	6s11	W28

Julian Day Number = 2288687.5, Delta T = 171.06 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'05, Lahiri = 17°38'05 Julian Calendar 1 Feb. 1554 == Greg. Calendar 11 Feb. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

MARCH 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 11 59	19♓51'28	10♒54	23♒28	29♒43	16♓25	1°R14	18♓58	21°R29	13♉12	2♓ 3	18°R50	17♋31	3♌18	1°R39	T 1
F 2	11 15 56	20°51'10	25°43	24°44	0♓58	17°12	1♎ 7	19° 6	21♎27	13°13	2° 4	18♋46	17°28	3°25	1♍35	F 2
S 3	11 19 53	21°50'50	10♓34	26° 3	2°12	17°59	0°59	19°13	21°25	13°15	2° 6	18°39	17°25	3°32	1°31	S 3
S 4	11 23 49	22°50'28	25°18	27°23	3°26	18°46	0°52	19°20	21°23	13°17	2° 7	18°29	17°21	3°38	1°26	S 4
M 5	11 27 46	23°50'04	9♈49	28°45	4°40	19°33	0°44	19°28	21°21	13°18	2° 9	18°19	17°18	3°45	1°22	M 5
T 6	11 31 42	24°49'38	23°58	0♓ 8	5°55	20°20	0°36	19°35	21°19	13°20	2°10	18° 8	17°15	3°52	1°18	T 6
W 7	11 35 39	25°49'10	7♉43	1°33	7° 9	21° 7	0°29	19°43	21°16	13°21	2°12	17°59	17°12	3°58	1°14	W 7
T 8	11 39 35	26°48'39	21° 0	2°59	8°23	21°53	0°21	19°50	21°14	13°23	2°13	17°52	17° 9	4° 5	1°10	T 8
F 9	11 43 32	27°48'06	3♊51	4°27	9°37	22°40	0°13	19°58	21°12	13°25	2°15	17°47	17° 6	4°11	1° 6	F 9
S 10	11 47 28	28°47'31	16°19	5°57	10°51	23°27	0° 6	20° 5	21°10	13°26	2°16	17°44	17° 2	4°18	1° 2	S 10
S 11	11 51 25	29°46'53	28°29	7°27	12° 6	24°14	29♍58	20°12	21° 7	13°28	2°18	17°D43	16°59	4°25	0°58	S 11
M12	11 55 22	0♈46'14	10♋26	9° 0	13°20	25° 0	29°50	20°20	21° 5	13°30	2°19	17°44	16°56	4°31	0°54	M12
T 13	11 59 18	1°45'32	22°15	10°33	14°34	25°47	29°42	20°27	21° 3	13°32	2°21	17°R44	16°53	4°38	0°50	T 13
W14	12 3 15	2°44'47	4♌ 2	12° 9	15°48	26°33	29°35	20°34	21° 0	13°33	2°22	17°43	16°50	4°45	0°47	W14
T 15	12 7 11	3°44'00	15°52	13°45	17° 2	27°20	29°27	20°42	20°58	13°35	2°24	17°39	16°46	4°51	0°43	T 15
F 16	12 11 8	4°43'11	27°48	15°23	18°16	28° 6	29°19	20°49	20°55	13°37	2°25	17°33	16°43	4°58	0°40	F 16
S 17	12 15 4	5°42'20	9♍55	17° 2	19°31	28°53	29°11	20°56	20°53	13°39	2°27	17°25	16°40	5° 5	0°36	S 17
S 18	12 19 1	6°41'26	22°15	18°43	20°45	29°39	29° 4	21° 4	20°51	13°41	2°28	17°14	16°37	5°11	0°33	S 18
M19	12 22 57	7°40'31	4♎48	20°25	21°59	0♈26	28°56	21°11	20°48	13°43	2°30	17° 1	16°34	5°18	0°30	M19
T 20	12 26 54	8°39'33	17°35	22° 9	23°13	1°12	28°49	21°18	20°46	13°45	2°31	16°48	16°31	5°25	0°27	T 20
W21	12 30 51	9°38'33	0♏35	23°54	24°27	1°58	28°41	21°25	20°43	13°46	2°32	16°35	16°27	5°31	0°24	W21
T 22	12 34 47	10°37'31	13°48	25°40	25°41	2°45	28°34	21°32	20°41	13°48	2°34	16°24	16°24	5°38	0°21	T 22
F 23	12 38 44	11°36'28	27°11	27°28	26°55	3°31	28°26	21°40	20°38	13°50	2°35	16°16	16°21	5°45	0°18	F 23
S 24	12 42 40	12°35'22	10♐45	29°18	28° 9	4°17	28°19	21°47	20°36	13°52	2°36	16°11	16°18	5°51	0°15	S 24
S 25	12 46 37	13°34'15	24°28	1♈ 9	29°23	5° 3	28°12	21°54	20°33	13°54	2°38	16° 8	16°15	5°58	0°12	S 25
M26	12 50 33	14°33'07	8♑20	3° 1	0♈37	5°49	28° 4	22° 1	20°31	13°56	2°39	16° 7	16°12	6° 5	0°10	M26
T 27	12 54 30	15°31'56	22°22	4°55	1°51	6°35	27°57	22° 8	20°28	13°58	2°40	16° 7	16° 8	6°11	0° 7	T 27
W28	12 58 26	16°30'44	6♒33	6°51	3° 6	7°21	27°50	22°15	20°25	14° 0	2°42	16° 6	16° 5	6°18	0° 5	W28
T 29	13 2 23	17°29'30	20°52	8°47	4°20	8° 7	27°43	22°22	20°23	14° 2	2°43	16° 4	16° 2	6°25	0° 2	T 29
F 30	13 6 20	18°28'14	5♓16	10°46	5°34	8°53	27°36	22°29	20°20	14° 5	2°44	15°59	15°59	6°31	0° 0	F 30
S 31	13 10 16	19♈26'57	19♓41	12♈46	6♈48	9♈39	27♍30	22♓36	20♎18	14♉ 7	2♓45	15♋51	15♋56	6♌38	29♌58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s 2	19s23	1s55	15s10	1s31	12s42	1s11	6s15	0s57	0n59	1n36	6s10	1s57	7s49	0n38	14n10	1s46	22s24	12s31	22n10	22n21	20n50	5n 9	6s10
F 2	3 38	15 51	3 3	14 50	1 37	12 17	1 12	5 56	0 57	1 2	1 36	6 7	1 57	7 48	0 38	14 10	1 46	22 24	12 31	22 11	22 21	20 49	5 11	6 10
S 3	3 14	11 19	4 0	14 29	1 43	11 52	1 14	5 38	0 57	1 5	1 37	6 4	1 57	7 47	0 38	14 11	1 45	22 23	12 31	22 12	22 22	20 48	5 13	6 9
S 4	2 51	6 8	4 39	14 7	1 49	11 26	1 15	5 19	0 56	1 8	1 37	6 1	1 57	7 46	0 38	14 11	1 45	22 23	12 31	22 13	22 22	20 48	5 15	6 9
M 5	2 27	0 42	5 0	13 43	1 54	11 0	1 17	5 0	0 56	1 11	1 37	5 59	1 57	7 45	0 38	14 12	1 45	22 22	12 31	22 14	22 22	20 47	5 16	6 8
T 6	2 4	4n39	5 2	13 18	1 59	10 34	1 18	4 42	0 56	1 14	1 37	5 56	1 57	7 45	0 38	14 12	1 45	22 22	12 31	22 16	22 23	20 46	5 18	6 8
W 7	1 40	9 36	4 46	12 52	2 3	10 8	1 19	4 23	0 55	1 17	1 37	5 53	1 57	7 44	0 38	14 13	1 45	22 22	12 32	22 17	22 23	20 45	5 20	6 7
T 8	1 16	13 57	4 15	12 24	2 7	9 41	1 20	4 4	0 55	1 20	1 37	5 50	1 57	7 43	0 38	14 13	1 45	22 21	12 32	22 18	22 24	20 44	5 22	6 7
F 9	0 53	17 31	3 31	11 56	2 11	9 14	1 21	3 45	0 55	1 24	1 37	5 47	1 57	7 42	0 38	14 14	1 45	22 21	12 32	22 19	22 24	20 44	5 24	6 6
S 10	0 29	20 9	2 39	11 25	2 14	8 47	1 22	3 26	0 54	1 27	1 37	5 44	1 58	7 41	0 38	14 14	1 45	22 20	12 32	22 19	22 24	20 43	5 26	6 5
S 11	0 5	21 49	1 41	10 54	2 16	8 19	1 23	3 7	0 54	1 30	1 37	5 41	1 58	7 40	0 38	14 15	1 45	22 20	12 32	22 19	22 25	20 42	5 28	6 5
M12	0n18	22 26	0 39	10 21	2 18	7 52	1 24	2 48	0 53	1 33	1 37	5 39	1 58	7 39	0 38	14 15	1 45	22 20	12 32	22 19	22 25	20 41	5 30	6 4
T 13	0 42	22 3	0n24	9 47	2 20	7 24	1 25	2 29	0 53	1 36	1 37	5 36	1 58	7 38	0 38	14 16	1 45	22 19	12 33	22 19	22 26	20 41	5 32	6 4
W14	1 6	20 41	1 26	9 12	2 21	6 55	1 26	2 11	0 53	1 39	1 37	5 33	1 58	7 38	0 38	14 17	1 45	22 19	12 33	22 19	22 26	20 40	5 34	6 3
T 15	1 29	18 24	2 23	8 35	2 22	6 27	1 26	1 52	0 52	1 42	1 37	5 30	1 58	7 37	0 38	14 17	1 45	22 18	12 33	22 20	22 26	20 39	5 35	6 2
F 16	1 53	15 19	3 16	7 57	2 22	5 59	1 27	1 33	0 52	1 45	1 37	5 27	1 58	7 36	0 38	14 18	1 45	22 18	12 33	22 20	22 27	20 38	5 37	6 2
S 17	2 16	11 33	3 59	7 18	2 22	5 30	1 27	1 14	0 51	1 48	1 37	5 24	1 58	7 35	0 38	14 18	1 45	22 18	12 33	22 22	22 27	20 37	5 39	6 1
S 18	2 40	7 15	4 33	6 38	2 21	5 1	1 28	0 55	0 51	1 51	1 37	5 22	1 58	7 34	0 38	14 19	1 45	22 17	12 34	22 23	22 28	20 37	5 41	6 1
M19	3 3	2 35	4 54	5 57	2 20	4 32	1 28	0 36	0 51	1 54	1 37	5 19	1 58	7 33	0 38	14 20	1 45	22 17	12 34	22 25	22 28	20 36	5 42	6 0
T 20	3 26	2s17	5 0	5 14	2 18	4 3	1 29	0 17	0 50	1 57	1 37	5 16	1 58	7 32	0 38	14 20	1 45	22 17	12 34	22 26	22 28	20 35	5 44	5 59
W21	3 50	7 9	4 52	4 30	2 16	3 34	1 29	0n 2	0 50	2 0	1 37	5 13	1 58	7 31	0 38	14 21	1 45	22 16	12 34	22 28	22 29	20 34	5 46	5 59
T 22	4 13	11 46	4 27	3 45	2 13	3 5	1 29	0 20	0 49	2 3	1 37	5 11	1 58	7 30	0 38	14 21	1 45	22 16	12 34	22 29	22 29	20 33	5 48	5 58
F 23	4 36	15 53	3 48	2 59	2 10	2 35	1 29	0 39	0 49	2 6	1 37	5 8	1 59	7 29	0 38	14 22	1 45	22 16	12 35	22 30	22 30	20 32	5 49	5 57
S 24	4 59	19 13	2 55	2 12	2 6	2 6	1 29	0 58	0 48	2 9	1 37	5 5	1 59	7 28	0 38	14 23	1 45	22 16	12 35	22 31	22 30	20 32	5 51	5 56
S 25	5 22	21 31	1 52	1 24	2 2	1 36	1 29	1 17	0 48	2 12	1 37	5 2	1 59	7 27	0 38	14 23	1 45	22 15	12 35	22 31	22 30	20 31	5 52	5 56
M26	5 45	22 33	0 41	0 35	1 57	1 7	1 29	1 36	0 47	2 15	1 36	5 0	1 59	7 26	0 38	14 24	1 45	22 15	12 35	22 31	22 31	20 30	5 54	5 55
T 27	6 8	22 11	0s33	0n15	1 52	0 37	1 29	1 54	0 47	2 17	1 36	4 57	1 59	7 25	0 38	14 24	1 45	22 15	12 36	22 31	22 31	20 29	5 56	5 54
W28	6 30	20 23	1 46	1 6	1 46	0 8	1 29	2 13	0 46	2 20	1 36	4 54	1 59	7 24	0 38	14 25	1 45	22 15	12 36	22 31	22 31	20 28	5 57	5 54
T 29	6 53	17 18	2 53	1 58	1 39	0n22	1 29	2 32	0 46	2 23	1 36	4 52	1 59	7 23	0 38	14 26	1 44	22 14	12 36	22 32	22 32	20 27	5 59	5 53
F 30	7 15	13 9	3 49	2 51	1 33	0 52	1 28	2 50	0 46	2 25	1 36	4 49	1 59	7 23	0 38	14 26	1 44	22 14	12 36	22 32	22 32	20 26	6 0	5 52
S 31	7n38	8s14	4s30	3n45	1s25	1n22	1s28	3n 9	0s45	2n28	1n36	4s46	1s59	7s22	0n38	14n27	1s44	22s14	12s37	22n33	22n33	20n25	6n 1	5s51

Julian Day Number = 2288715.5, Delta T = 170.89 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'09, Lahiri = 17°38'09 Julian Calendar 1 March 1554 == Greg. Calendar 11 March 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

APRIL 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 14 13	20♈25'37	4♈ 2	14♈47	8♈ 2	10♈25	27°R23	22♓43	20°R15	14♉ 9	2♓46	15°R40	15♋52	6♌45	29°R56	S 1
M 2	13 18 9	21°24'16	18°13	16°49	9°16	11°11	27♍16	22°50	20♎13	14°11	2°48	15♋28	15°49	6°51	29♌54	M 2
T 3	13 22 6	22°22'53	2♉ 8	18°53	10°30	11°57	27°10	22°57	20°10	14°13	2°49	15°16	15°46	6°58	29°52	T 3
W 4	13 26 2	23°21'28	15°42	20°58	11°44	12°43	27° 3	23° 3	20° 7	14°15	2°50	15° 5	15°43	7° 4	29°51	W 4
T 5	13 29 59	24°20'00	28°54	23° 4	12°58	13°28	26°57	23°10	20° 5	14°17	2°51	14°56	15°40	7°11	29°49	T 5
F 6	13 33 55	25°18'31	11♊43	25°11	14°12	14°14	26°51	23°17	20° 2	14°19	2°52	14°50	15°37	7°18	29°48	F 6
S 7	13 37 52	26°17'00	24°12	27°18	15°26	15° 0	26°45	23°23	20° 0	14°21	2°53	14°46	15°33	7°24	29°46	S 7
S 8	13 41 48	27°15'26	6♋23	29°26	16°40	15°45	26°39	23°30	19°57	14°24	2°54	14°44	15°30	7°31	29°45	S 8
M 9	13 45 45	28°13'51	18°21	1♌35	17°54	16°31	26°33	23°37	19°55	14°26	2°55	14°D44	15°27	7°38	29°44	M 9
T 10	13 49 42	29°12'13	0♌12	3°43	19° 8	17°16	26°28	23°43	19°52	14°28	2°57	14°R44	15°24	7°44	29°43	T 10
W11	13 53 38	0♌10'33	12° 0	5°52	20°22	18° 1	26°22	23°50	19°50	14°30	2°58	14°44	15°21	7°51	29°42	W11
T 12	13 57 35	1° 8'51	23°52	7°59	21°35	18°47	26°17	23°56	19°47	14°32	2°59	14°41	15°18	7°58	29°41	T 12
F 13	14 1 31	2° 7'07	5♍52	10° 6	22°49	19°32	26°12	24° 3	19°45	14°35	3° 0	14°37	15°14	8° 4	29°41	F 13
S 14	14 5 28	3° 5'21	18° 5	12°12	24° 3	20°17	26° 7	24° 9	19°42	14°37	3° 0	14°30	15°11	8°11	29°40	S 14
S 15	14 9 24	4° 3'33	0♎33	14°17	25°17	21° 3	26° 2	24°15	19°40	14°39	3° 1	14°20	15° 8	8°18	29°39	S 15
M16	14 13 21	5° 1'43	13°19	16°19	26°31	21°48	25°57	24°22	19°37	14°41	3° 2	14° 9	15° 5	8°24	29°39	M16
T 17	14 17 17	5°59'51	26°23	18°20	27°45	22°33	25°53	24°28	19°35	14°43	3° 3	13°58	15° 2	8°31	29°39	T 17
W18	14 21 14	6°57'58	9♏44	20°19	28°59	23°18	25°48	24°34	19°32	14°46	3° 4	13°47	14°58	8°38	29°39	W18
T 19	14 25 11	7°56'02	23°20	22°15	0♑13	24° 3	25°44	24°40	19°30	14°48	3° 5	13°37	14°55	8°44	29°D39	T 19
F 20	14 29 7	8°54'05	7♐ 8	24° 8	1°27	24°48	25°40	24°46	19°28	14°50	3° 6	13°30	14°52	8°51	29°39	F 20
S 21	14 33 4	9°52'07	21° 5	25°58	2°40	25°33	25°36	24°52	19°25	14°52	3° 7	13°26	14°49	8°58	29°39	S 21
S 22	14 37 0	10°50'07	5♑ 7	27°46	3°54	26°18	25°32	24°58	19°23	14°55	3° 7	13°24	14°46	9° 4	29°39	S 22
M23	14 40 57	11°48'06	19°13	29°30	5° 8	27° 2	25°29	25° 4	19°21	14°57	3° 8	13°D24	14°43	9°11	29°40	M23
T 24	14 44 53	12°46'04	3♒21	1♊10	6°22	27°47	25°25	25°10	19°18	14°59	3° 9	13°24	14°39	9°18	29°40	T 24
W25	14 48 50	13°44'00	17°30	2°48	7°36	28°32	25°22	25°16	19°16	15° 1	3°10	13°R25	14°36	9°24	29°41	W25
T 26	14 52 46	14°41'55	1♓38	4°21	8°50	29°17	25°19	25°21	19°14	15° 4	3°10	13°23	14°33	9°31	29°42	T 26
F 27	14 56 43	15°39'49	15°43	5°52	10° 3	0♉ 1	25°16	25°27	19°12	15° 6	3°11	13°20	14°30	9°38	29°43	F 27
S 28	15 0 40	16°37'41	29°45	7°18	11°17	0°46	25°13	25°33	19° 9	15° 8	3°12	13°14	14°27	9°44	29°44	S 28
S 29	15 4 36	17°35'32	13♈39	8°41	12°31	1°30	25°11	25°38	19° 7	15°10	3°12	13° 7	14°23	9°51	29°45	S 29
M30	15 8 33	18♉33'22	27♈23	10♊ 0	13♉45	2♉15	25♍ 8	25♓44	19♎ 5	15♉13	3♓13	12♋58	14♋20	9♌58	29♌46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 0	2s54	4s54	4n39	1s18	1n51	1s27	3n27	0s45	2n31	1n36	4s44	2s 0	7s21	0n38	14n28	1s44	22s14	12s37	22n34	22n33	20n25	6n 3	5s50
M 2	8 22	2n32	5 0	5 34	1 9	2 21	1 27	3 46	0 44	2 33	1 36	4 41	2 0	7 20	0 38	14 28	1 44	22 13	12 37	22 36	22 33	20 24	6 4	5 50
T 3	8 44	7 44	4 48	6 29	1 1	2 51	1 26	4 4	0 44	2 36	1 36	4 39	2 0	7 19	0 38	14 29	1 44	22 13	12 37	22 37	22 34	20 23	6 6	5 49
W 4	9 6	12 26	4 19	7 24	0 52	3 20	1 26	4 22	0 43	2 38	1 36	4 36	2 0	7 18	0 38	14 30	1 44	22 13	12 38	22 38	22 34	20 22	6 7	5 48
T 5	9 27	16 25	3 37	8 20	0 42	3 50	1 25	4 41	0 43	2 40	1 35	4 33	2 0	7 17	0 38	14 30	1 44	22 13	12 38	22 39	22 34	20 21	6 8	5 47
F 6	9 49	19 31	2 45	9 16	0 32	4 19	1 24	4 59	0 42	2 43	1 35	4 31	2 0	7 16	0 38	14 31	1 44	22 13	12 38	22 40	22 35	20 20	6 9	5 47
S 7	10 10	21 36	1 47	10 12	0 22	4 48	1 23	5 17	0 42	2 45	1 35	4 28	2 0	7 15	0 38	14 32	1 44	22 13	12 38	22 41	22 35	20 19	6 11	5 46
S 8	10 31	22 36	0 44	11 7	0 12	5 18	1 22	5 35	0 41	2 47	1 35	4 26	2 1	7 14	0 38	14 32	1 44	22 12	12 39	22 41	22 36	20 18	6 12	5 45
M 9	10 52	22 33	0n19	12 2	0 1	5 47	1 22	5 53	0 40	2 49	1 35	4 23	2 1	7 13	0 38	14 33	1 44	22 12	12 39	22 41	22 36	20 17	6 13	5 44
T 10	11 13	21 29	1 21	12 56	0n10	6 16	1 21	6 11	0 40	2 51	1 35	4 21	2 1	7 12	0 38	14 33	1 44	22 12	12 39	22 41	22 36	20 16	6 14	5 43
W11	11 34	19 28	2 20	13 50	0 20	6 45	1 19	6 29	0 39	2 53	1 34	4 18	2 1	7 11	0 38	14 34	1 44	22 12	12 40	22 41	22 37	20 15	6 15	5 43
T 12	11 54	16 37	3 12	14 42	0 31	7 14	1 18	6 46	0 39	2 55	1 34	4 16	2 1	7 10	0 38	14 35	1 44	22 12	12 40	22 41	22 37	20 14	6 16	5 42
F 13	12 14	13 3	3 57	15 33	0 42	7 42	1 17	7 4	0 38	2 57	1 34	4 14	2 1	7 9	0 38	14 35	1 44	22 12	12 40	22 42	22 37	20 13	6 17	5 41
S 14	12 34	8 53	4 31	16 22	0 52	8 11	1 16	7 22	0 38	2 59	1 34	4 11	2 1	7 8	0 38	14 36	1 44	22 12	12 41	22 42	22 38	20 13	6 18	5 40
S 15	12 54	4 16	4 54	17 9	1 3	8 39	1 15	7 39	0 37	3 1	1 34	4 9	2 2	7 7	0 38	14 37	1 44	22 12	12 41	22 43	22 38	20 12	6 19	5 39
M16	13 14	0s38	5 2	17 55	1 13	9 7	1 13	7 57	0 37	3 3	1 34	4 6	2 2	7 6	0 38	14 37	1 44	22 12	12 41	22 45	22 38	20 11	6 20	5 38
T 17	13 33	5 37	4 55	18 39	1 22	9 35	1 12	8 14	0 36	3 4	1 33	4 4	2 2	7 6	0 38	14 38	1 44	22 12	12 41	22 46	22 39	20 10	6 21	5 38
W18	13 52	10 27	4 32	19 20	1 31	10 2	1 11	8 31	0 36	3 6	1 33	4 2	2 2	7 5	0 38	14 39	1 44	22 12	12 42	22 47	22 39	20 9	6 22	5 37
T 19	14 11	14 53	3 54	19 59	1 40	10 30	1 9	8 48	0 35	3 7	1 33	4 0	2 2	7 4	0 38	14 39	1 44	22 12	12 42	22 48	22 40	20 8	6 23	5 36
F 20	14 30	18 35	3 1	20 35	1 48	10 57	1 7	9 5	0 34	3 9	1 33	3 57	2 2	7 3	0 38	14 40	1 44	22 12	12 42	22 49	22 40	20 7	6 23	5 35
S 21	14 48	21 16	1 56	21 10	1 55	11 24	1 6	9 22	0 34	3 10	1 33	3 55	2 3	7 2	0 38	14 41	1 44	22 12	12 43	22 49	22 40	20 6	6 24	5 34
S 22	15 7	22 40	0 44	21 41	2 2	11 51	1 4	9 39	0 33	3 11	1 32	3 53	2 3	7 1	0 38	14 41	1 44	22 12	12 43	22 49	22 41	20 5	6 25	5 33
M23	15 25	22 38	0s31	22 10	2 8	12 17	1 3	9 56	0 33	3 13	1 32	3 51	2 3	7 0	0 38	14 42	1 44	22 12	12 43	22 49	22 41	20 4	6 25	5 33
T 24	15 42	21 9	1 45	22 37	2 13	12 43	1 1	10 13	0 32	3 14	1 32	3 49	2 3	6 59	0 38	14 43	1 44	22 12	12 44	22 49	22 41	20 3	6 26	5 32
W25	16 0	18 21	2 52	23 1	2 18	13 9	0 59	10 29	0 32	3 15	1 32	3 46	2 3	6 59	0 38	14 43	1 44	22 12	12 44	22 49	22 42	20 2	6 27	5 31
T 26	16 17	14 28	3 48	23 23	2 21	13 34	0 57	10 46	0 31	3 16	1 31	3 44	2 4	6 58	0 38	14 44	1 44	22 12	12 44	22 49	22 42	20 1	6 27	5 30
F 27	16 34	9 48	4 31	23 42	2 24	13 59	0 55	11 2	0 30	3 17	1 31	3 42	2 4	6 57	0 38	14 45	1 44	22 12	12 45	22 50	22 42	20 0	6 28	5 29
S 28	16 51	4 38	4 57	23 59	2 26	14 24	0 54	11 18	0 30	3 18	1 31	3 40	2 4	6 56	0 38	14 45	1 44	22 12	12 45	22 50	22 43	19 59	6 28	5 28
S 29	17 7	0n42	5 5	24 13	2 27	14 49	0 52	11 34	0 29	3 19	1 31	3 38	2 4	6 55	0 38	14 46	1 44	22 12	12 45	22 51	22 43	19 57	6 28	5 27
M30	17n23	5n58	4s56	24n26	2n27	15n13	0s50	11n50	0s29	3n19	1n31	3s36	2s 4	6s55	0n38	14n47	1s44	22s12	12s46	22n52	22n43	19n56	6n29	5s27

Julian Day Number = 2288746.5, Delta T = 170.71 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'13, Lahiri = 17°38'13 Julian Calendar 1 Apr. 1554 == Greg. Calendar 11 Apr. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

MAY 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 12 29	19♉31'10	10♉54	11♊15	14♉59	2♉59	25°R 6	25♓49	19°R 3	15♉15	3♓13	12°R49	14♋17	10♌ 4	29♌47	T 1
W 2	15 16 26	20°28'57	24° 8	12°26	16°12	3°44	25♍ 4	25°54	19♎ 1	15°17	3°14	12♋41	14°14	10°11	29°49	W 2
T 3	15 20 22	21°26'43	7♊ 5	13°34	17°26	4°28	25° 2	26° 0	18°59	15°19	3°15	12°34	14°11	10°18	29°50	T 3
F 4	15 24 19	22°24'27	19°45	14°37	18°40	5°12	25° 1	26° 5	18°57	15°22	3°15	12°29	14° 8	10°24	29°52	F 4
S 5	15 28 15	23°22'10	2♋ 7	15°36	19°54	5°56	24°59	26°10	18°55	15°24	3°16	12°27	14° 4	10°31	29°54	S 5
S 6	15 32 12	24°19'51	14°16	16°32	21° 8	6°40	24°58	26°15	18°53	15°26	3°16	12°D26	14° 1	10°38	29°56	S 6
M 7	15 36 9	25°17'31	26°13	17°23	22°21	7°24	24°57	26°20	18°51	15°28	3°17	12°27	13°58	10°44	29°58	M 7
T 8	15 40 5	26°15'10	8♌ 4	18° 9	23°35	8° 9	24°56	26°25	18°49	15°31	3°17	12°28	13°55	10°51	29°59	T 8
W 9	15 44 2	27°12'46	19°53	18°52	24°49	8°52	24°55	26°30	18°47	15°33	3°17	12°29	13°52	10°57	0♍ 2	W 9
T 10	15 47 58	28°10'22	1♍46	19°29	26° 3	9°36	24°54	26°35	18°46	15°35	3°18	12°R30	13°49	11° 4	0° 5	T 10
F 11	15 51 55	29° 7'55	13°47	20° 3	27°16	10°20	24°54	26°40	18°44	15°37	3°18	12°28	13°45	11°11	0° 7	F 11
S 12	15 55 51	0♏ 5'28	26° 2	20°32	28°30	11° 4	24°54	26°44	18°42	15°39	3°18	12°25	13°42	11°17	0°10	S 12
S 13	15 59 48	1° 2'58	8♎34	20°56	29°44	11°48	24°D54	26°49	18°40	15°42	3°19	12°21	13°39	11°24	0°12	S 13
M14	16 3 44	2° 0'28	21°27	21°16	0♏58	12°31	24°54	26°53	18°39	15°44	3°19	12°15	13°36	11°31	0°15	M14
T 15	16 7 41	2°57'56	4♏41	21°30	2°11	13°15	24°54	26°58	18°37	15°46	3°19	12° 9	13°33	11°37	0°18	T 15
W16	16 11 38	3°55'24	18°17	21°41	3°25	13°59	24°55	27° 2	18°36	15°48	3°19	12° 2	13°29	11°44	0°21	W16
T 17	16 15 34	4°52'50	2♐13	21°46	4°39	14°42	24°56	27° 6	18°34	15°50	3°20	11°57	13°26	11°51	0°24	T 17
F 18	16 19 31	5°50'15	16°24	21°R47	5°52	15°26	24°56	27°10	18°33	15°52	3°20	11°53	13°23	11°57	0°27	F 18
S 19	16 23 27	6°47'39	0♑46	21°44	7° 6	16° 9	24°57	27°15	18°31	15°55	3°20	11°51	13°20	12° 4	0°30	S 19
S 20	16 27 24	7°45'03	15°14	21°36	8°20	16°52	24°59	27°19	18°30	15°57	3°20	11°D51	13°17	12°11	0°34	S 20
M21	16 31 20	8°42'25	29°43	21°24	9°34	17°36	25° 0	27°23	18°29	15°59	3°20	11°52	13°14	12°17	0°37	M21
T 22	16 35 17	9°39'47	14♒ 8	21° 8	10°47	18°19	25° 2	27°26	18°27	16° 1	3°20	11°53	13°10	12°24	0°41	T 22
W23	16 39 13	10°37'09	28°26	20°48	12° 1	19° 2	25° 3	27°30	18°26	16° 3	3°20	11°54	13° 7	12°31	0°45	W23
T 24	16 43 10	11°34'30	12♓35	20°25	13°15	19°45	25° 5	27°34	18°25	16° 5	3°20	11°R55	13° 4	12°37	0°48	T 24
F 25	16 47 7	12°31'50	26°32	19°59	14°28	20°28	25° 7	27°37	18°24	16° 7	3°R20	11°54	13° 1	12°44	0°52	F 25
S 26	16 51 3	13°29'10	10♈18	19°30	15°42	21°11	25°10	27°41	18°22	16° 9	3°20	11°52	12°58	12°51	0°56	S 26
S 27	16 55 0	14°26'29	23°51	18°59	16°56	21°54	25°12	27°44	18°21	16°11	3°20	11°49	12°55	12°57	1° 0	S 27
M28	16 58 56	15°23'48	7♉11	18°27	18°10	22°37	25°15	27°48	18°20	16°13	3°20	11°45	12°51	13° 4	1° 5	M28
T 29	17 2 53	16°21'07	20°17	17°54	19°23	23°20	25°18	27°51	18°19	16°15	3°20	11°41	12°48	13°11	1° 9	T 29
W30	17 6 49	17°18'25	3♊ 9	17°20	20°37	24° 3	25°21	27°54	18°18	16°17	3°20	11°38	12°45	13°17	1°13	W30
T 31	17 10 46	18♊15'43	15♊47	16♊46	21♊51	24♉46	25♍24	27♓57	18♎18	16♉19	3♓20	11♋35	12♋42	13♌24	1♍18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n39	10n51	4s30	24n36	2n26	15n36	0s48	12n 6	0s28	3n20	1n30	3s34	2s 5	6s54	0n38	14n47	1s44	22s12	12s46	22n53	22n44	19n55	6n29	5s26
W 2	17 55	15 8	3 50	24 44	2 25	16 0	0 46	12 22	0 27	3 21	1 30	3 32	2 5	6 53	0 38	14 48	1 44	22 12	12 46	22 53	22 44	19 54	6 29	5 25
T 3	18 10	18 37	2 58	24 50	2 22	16 23	0 44	12 37	0 27	3 21	1 30	3 30	2 5	6 52	0 38	14 49	1 44	22 12	12 47	22 54	22 44	19 53	6 30	5 24
F 4	18 25	21 7	1 59	24 54	2 19	16 45	0 42	12 52	0 26	3 21	1 30	3 28	2 5	6 51	0 38	14 49	1 44	22 12	12 47	22 55	22 45	19 52	6 30	5 23
S 5	18 40	22 33	0 55	24 56	2 14	17 7	0 39	13 8	0 26	3 22	1 29	3 27	2 5	6 51	0 38	14 50	1 44	22 12	12 47	22 55	22 45	19 51	6 30	5 22
S 6	18 54	22 54	0n10	24 57	2 9	17 29	0 37	13 23	0 25	3 22	1 29	3 25	2 6	6 50	0 38	14 51	1 44	22 13	12 48	22 55	22 45	19 50	6 30	5 22
M 7	19 8	22 10	1 14	24 56	2 3	17 50	0 35	13 38	0 24	3 22	1 29	3 23	2 6	6 49	0 38	14 51	1 44	22 13	12 48	22 55	22 46	19 49	6 30	5 21
T 8	19 22	20 27	2 14	24 53	1 55	18 11	0 33	13 53	0 24	3 23	1 29	3 21	2 6	6 49	0 38	14 52	1 44	22 13	12 48	22 55	22 46	19 48	6 30	5 20
W 9	19 35	17 52	3 9	24 49	1 47	18 31	0 31	14 8	0 23	3 23	1 28	3 19	2 6	6 48	0 38	14 52	1 44	22 13	12 49	22 55	22 46	19 47	6 30	5 19
T 10	19 48	14 32	3 55	24 43	1 38	18 51	0 28	14 22	0 23	3 23	1 28	3 18	2 6	6 47	0 38	14 53	1 44	22 13	12 49	22 54	22 47	19 46	6 30	5 18
F 11	20 1	10 34	4 32	24 35	1 28	19 10	0 26	14 37	0 22	3 23	1 28	3 16	2 7	6 47	0 37	14 54	1 44	22 13	12 50	22 55	22 47	19 45	6 30	5 17
S 12	20 13	6 8	4 58	24 27	1 17	19 29	0 24	14 51	0 21	3 22	1 28	3 14	2 7	6 46	0 37	14 54	1 44	22 14	12 50	22 55	22 47	19 44	6 30	5 17
S 13	20 25	1 20	5 9	24 17	1 6	19 47	0 22	15 5	0 21	3 22	1 27	3 13	2 7	6 45	0 37	14 55	1 44	22 14	12 50	22 55	22 48	19 42	6 30	5 16
M14	20 37	3s39	5 6	24 5	0 53	20 5	0 19	15 19	0 20	3 22	1 27	3 11	2 7	6 45	0 37	14 56	1 44	22 14	12 51	22 56	22 48	19 41	6 30	5 15
T 15	20 48	8 37	4 47	23 53	0 40	20 22	0 17	15 33	0 19	3 22	1 27	3 10	2 8	6 44	0 37	14 56	1 44	22 14	12 51	22 56	22 48	19 40	6 29	5 14
W16	20 59	13 18	4 11	23 40	0 26	20 39	0 15	15 46	0 19	3 21	1 27	3 8	2 8	6 44	0 37	14 57	1 44	22 15	12 51	22 57	22 49	19 39	6 29	5 13
T 17	21 10	17 24	3 19	23 25	0 11	20 55	0 12	16 0	0 18	3 21	1 26	3 7	2 8	6 43	0 37	14 57	1 44	22 15	12 52	22 57	22 49	19 38	6 29	5 13
F 18	21 20	20 34	2 14	23 10	0s 5	21 10	0 10	16 13	0 17	3 20	1 26	3 5	2 8	6 43	0 37	14 58	1 44	22 15	12 52	22 58	22 49	19 37	6 28	5 12
S 19	21 30	22 30	1 0	22 54	0 21	21 25	0 8	16 26	0 17	3 19	1 26	3 4	2 8	6 42	0 37	14 59	1 44	22 15	12 52	22 58	22 50	19 36	6 28	5 11
S 20	21 39	22 56	0s19	22 37	0 37	21 40	0 5	16 39	0 16	3 19	1 26	3 2	2 9	6 42	0 37	14 59	1 44	22 16	12 53	22 58	22 50	19 35	6 28	5 10
M21	21 48	21 49	1 36	22 19	0 54	21 53	0 3	16 52	0 16	3 18	1 25	3 1	2 9	6 41	0 37	15 0	1 44	22 16	12 53	22 58	22 50	19 33	6 27	5 9
T 22	21 57	19 18	2 47	22 1	1 11	22 7	0 0	17 5	0 15	3 17	1 25	3 0	2 9	6 41	0 37	15 0	1 44	22 16	12 53	22 58	22 51	19 32	6 27	5 9
W23	22 6	15 36	3 48	21 42	1 28	22 19	0n 2	17 18	0 14	3 16	1 25	2 58	2 9	6 40	0 37	15 1	1 44	22 17	12 54	22 58	22 51	19 31	6 26	5 8
T 24	22 14	11 4	4 33	21 24	1 46	22 31	0 4	17 30	0 14	3 15	1 25	2 57	2 10	6 40	0 37	15 2	1 44	22 17	12 54	22 58	22 51	19 30	6 25	5 7
F 25	22 21	6 0	5 2	21 5	2 3	22 42	0 7	17 42	0 13	3 14	1 24	2 56	2 10	6 39	0 37	15 2	1 44	22 17	12 54	22 58	22 51	19 29	6 25	5 6
S 26	22 28	0 43	5 13	20 46	2 19	22 53	0 9	17 54	0 12	3 13	1 24	2 55	2 10	6 39	0 37	15 3	1 44	22 18	12 55	22 58	22 52	19 28	6 24	5 5
S 27	22 35	4n32	5 6	20 27	2 36	23 3	0 11	18 6	0 12	3 12	1 24	2 54	2 10	6 39	0 37	15 3	1 44	22 18	12 55	22 58	22 52	19 26	6 23	5 5
M28	22 42	9 29	4 43	20 9	2 51	23 12	0 14	18 18	0 11	3 10	1 24	2 53	2 11	6 38	0 37	15 4	1 44	22 18	12 56	22 59	22 52	19 25	6 23	5 4
T 29	22 48	13 55	4 5	19 51	3 6	23 20	0 16	18 29	0 10	3 9	1 23	2 52	2 11	6 38	0 37	15 4	1 44	22 19	12 56	22 59	22 53	19 24	6 22	5 3
W30	22 53	17 38	3 16	19 35	3 20	23 28	0 18	18 40	0 10	3 8	1 23	2 50	2 11	6 38	0 37	15 5	1 44	22 19	12 56	22 59	22 53	19 23	6 21	5 2
T 31	22n59	20n28	2s17	19n19	3s33	23n35	0n21	18n52	0s 9	3n 6	1n23	2s49	2s11	6s37	0n37	15n 5	1s44	22s19	12s57	22n59	22n53	19n22	6n20	5s 2

Julian Day Number = 2288776.5, Delta T = 170.54 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'17, Lahiri = 17°38'17 Julian Calendar 1 May 1554 == Greg. Calendar 11 May 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

JUNE 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 14 42	19♊13'00	28♊11	16°R13	23♊ 4	25♉28	25♍27	28♓ 0	18°R17	16♉21	3°R20	11°R33	12♋39	13♌31	1♍22	F 1
S 2	17 18 39	20°10'16	10♋23	15♊41	24°18	26°11	25°30	28° 3	18♎16	16°23	3♓20	11°D32	12°35	13°37	1°27	S 2
S 3	17 22 36	21° 7'32	22°25	15°11	25°32	26°54	25°34	28° 6	18°15	16°25	3°19	11♋33	12°32	13°44	1°32	S 3
M 4	17 26 32	22° 4'47	4♌20	14°43	26°46	27°36	25°38	28° 9	18°15	16°27	3°19	11°34	12°29	13°51	1°36	M 4
T 5	17 30 29	23° 2'02	16° 9	14°19	27°59	28°18	25°42	28°11	18°14	16°29	3°19	11°35	12°26	13°57	1°41	T 5
W 6	17 34 25	23°59'16	27°58	13°57	29°13	29° 1	25°46	28°14	18°13	16°31	3°19	11°37	12°23	14° 4	1°46	W 6
T 7	17 38 22	24°56'29	9♍51	13°39	0♋27	29°43	25°50	28°16	18°13	16°33	3°18	11°38	12°20	14°11	1°51	T 7
F 8	17 42 18	25°53'41	21°52	13°24	1°40	0♊25	25°55	28°19	18°12	16°35	3°18	11°R39	12°16	14°17	1°57	F 8
S 9	17 46 15	26°50'53	4♎ 6	13°14	2°54	1° 8	25°59	28°21	18°12	16°36	3°18	11°39	12°13	14°24	2° 2	S 9
S 10	17 50 11	27°48'05	16°37	13° 9	4° 8	1°50	26° 4	28°23	18°12	16°38	3°17	11°38	12°10	14°31	2° 7	S 10
M11	17 54 8	28°45'16	29°29	13°D 7	5°21	2°32	26° 9	28°25	18°11	16°40	3°17	11°37	12° 7	14°37	2°13	M11
T 12	17 58 5	29°42'26	12♏45	13°11	6°35	3°14	26°14	28°27	18°11	16°42	3°16	11°35	12° 4	14°44	2°18	T 12
W13	18 2 1	0♋39'36	26°26	13°19	7°49	3°56	26°19	28°29	18°11	16°44	3°16	11°34	12° 1	14°51	2°24	W13
T 14	18 5 58	1°36'46	10♐32	13°33	9° 3	4°38	26°24	28°31	18°11	16°45	3°16	11°33	11°57	14°57	2°29	T 14
F 15	18 9 54	2°33'56	24°58	13°51	10°16	5°20	26°30	28°32	18°10	16°47	3°15	11°32	11°54	15° 4	2°35	F 15
S 16	18 13 51	3°31'06	9♑41	14°14	11°30	6° 2	26°36	28°34	18°10	16°49	3°15	11°D32	11°51	15°11	2°41	S 16
S 17	18 17 47	4°28'15	24°33	14°42	12°44	6°43	26°41	28°35	18°D10	16°50	3°14	11°32	11°48	15°17	2°47	S 17
M18	18 21 44	5°25'25	9♒26	15°15	13°57	7°25	26°47	28°37	18°10	16°52	3°14	11°32	11°45	15°24	2°53	M18
T 19	18 25 41	6°22'35	24°14	15°52	15°11	8° 7	26°53	28°38	18°10	16°54	3°13	11°33	11°41	15°31	2°59	T 19
W20	18 29 37	7°19'45	8♓49	16°35	16°25	8°48	27° 0	28°39	18°11	16°55	3°12	11°33	11°38	15°37	3° 5	W20
T 21	18 33 34	8°16'55	23° 8	17°22	17°38	9°30	27° 6	28°40	18°11	16°57	3°12	11°33	11°35	15°44	3°11	T 21
F 22	18 37 30	9°14'05	7♈ 9	18°14	18°52	10°11	27°12	28°41	18°11	16°58	3°11	11°R33	11°32	15°51	3°17	F 22
S 23	18 41 27	10°11'17	20°49	19°10	20° 6	10°53	27°19	28°42	18°11	17° 0	3°10	11°33	11°29	15°57	3°24	S 23
S 24	18 45 23	11° 8'28	4♉10	20°11	21°20	11°34	27°26	28°43	18°12	17° 1	3°10	11°D33	11°26	16° 4	3°30	S 24
M25	18 49 20	12° 5'40	17°13	21°17	22°33	12°15	27°33	28°44	18°12	17° 3	3° 9	11°33	11°22	16°11	3°37	M25
T 26	18 53 16	13° 2'53	29°59	22°27	23°47	12°57	27°40	28°44	18°13	17° 4	3° 8	11°33	11°19	16°17	3°43	T 26
W27	18 57 13	14° 0'06	12♊32	23°41	25° 1	13°38	27°47	28°45	18°13	17° 6	3° 8	11°34	11°16	16°24	3°50	W27
T 28	19 1 10	14°57'20	24°52	25° 0	26°14	14°19	27°54	28°45	18°14	17° 7	3° 7	11°34	11°13	16°31	3°57	T 28
F 29	19 5 6	15°54'34	7♋ 2	26°23	27°28	15° 0	28° 2	28°45	18°14	17° 8	3° 6	11°R34	11°10	16°37	4° 3	F 29
S 30	19 9 3	16♋51'48	19♋ 3	27♊50	28♋42	15♊41	28♍ 9	28♓45	18♎15	17♉10	3♓ 5	11♋34	11♋ 7	16♌44	4♍10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 3	22n16	1s13	19n 4	3s44	23n42	0n23	19n 2	0s 8	3n 5	1n23	2s49	2s12	6s37	0n37	15n 6	1s45	22s20	12s57	23n 0	22n54	19n20	6n19	5s 1
S 2	23 8	22 59	0 6	18 50	3 55	23 48	0 25	19 13	0 8	3 3	1 22	2 48	2 12	6 37	0 37	15 7	1 45	22 20	12 57	23 0	22 54	19 19	6 18	5 0
S 3	23 12	22 36	1n 0	18 38	4 4	23 53	0 28	19 24	0 7	3 1	1 22	2 47	2 12	6 37	0 37	15 7	1 45	22 20	12 58	23 0	22 54	19 18	6 17	4 59
M 4	23 16	21 12	2 3	18 27	4 12	23 57	0 30	19 34	0 6	3 0	1 22	2 46	2 13	6 36	0 37	15 8	1 45	22 21	12 58	23 0	22 55	19 17	6 16	4 59
T 5	23 19	18 53	3 0	18 18	4 18	24 1	0 32	19 44	0 6	2 58	1 22	2 45	2 13	6 36	0 37	15 8	1 45	22 21	12 58	22 59	22 55	19 15	6 15	4 58
W 6	23 22	15 47	3 49	18 11	4 23	24 4	0 34	19 54	0 5	2 56	1 22	2 44	2 13	6 36	0 37	15 9	1 45	22 22	12 59	22 59	22 55	19 14	6 14	4 57
T 7	23 24	12 3	4 29	18 5	4 26	24 6	0 37	20 4	0 4	2 54	1 21	2 44	2 13	6 36	0 37	15 9	1 45	22 22	12 59	22 59	22 55	19 13	6 13	4 57
F 8	23 26	7 48	4 58	18 1	4 29	24 8	0 39	20 14	0 4	2 52	1 21	2 43	2 14	6 36	0 37	15 10	1 45	22 23	12 59	22 59	22 56	19 12	6 12	4 56
S 9	23 28	3 10	5 14	17 59	4 29	24 9	0 41	20 23	0 3	2 50	1 21	2 42	2 14	6 35	0 36	15 10	1 45	22 23	13 0	22 59	22 56	19 10	6 11	4 55
S 10	23 29	1s41	5 15	17 59	4 29	24 9	0 43	20 32	0 2	2 48	1 21	2 42	2 14	6 35	0 36	15 11	1 45	22 23	13 0	22 59	22 56	19 9	6 10	4 55
M11	23 29	6 37	5 1	18 1	4 27	24 8	0 45	20 41	0 2	2 46	1 20	2 41	2 14	6 35	0 36	15 11	1 45	22 24	13 0	22 59	22 57	19 8	6 8	4 54
T 12	23 30	11 24	4 31	18 4	4 24	24 7	0 47	20 50	0 1	2 44	1 20	2 41	2 15	6 35	0 36	15 11	1 45	22 24	13 1	22 59	22 57	19 7	6 7	4 53
W13	23 30	15 46	3 45	18 10	4 20	24 5	0 49	20 59	0 0	2 41	1 20	2 40	2 15	6 35	0 36	15 12	1 45	22 25	13 1	23 0	22 57	19 5	6 6	4 52
T 14	23 29	19 23	2 44	18 16	4 14	24 2	0 51	21 7	0n 1	2 39	1 20	2 40	2 15	6 35	0 36	15 12	1 45	22 25	13 1	23 0	22 57	19 4	6 4	4 52
F 15	23 28	21 54	1 31	18 25	4 8	23 59	0 53	21 16	0 1	2 37	1 19	2 39	2 16	6 35	0 36	15 13	1 45	22 26	13 2	23 0	22 58	19 3	6 3	4 51
S 16	23 27	22 58	0 10	18 35	4 1	23 55	0 55	21 24	0 2	2 34	1 19	2 39	2 16	6 35	0 36	15 13	1 45	22 26	13 2	23 0	22 58	19 2	6 1	4 50
S 17	23 25	22 26	1s12	18 46	3 53	23 50	0 57	21 32	0 3	2 32	1 19	2 39	2 16	6 35	0 36	15 14	1 45	22 27	13 2	23 0	22 58	19 0	6 0	4 50
M18	23 23	20 19	2 29	18 58	3 44	23 44	0 59	21 39	0 3	2 29	1 19	2 38	2 16	6 35	0 36	15 14	1 45	22 27	13 3	23 0	22 59	18 59	5 58	4 49
T 19	23 21	16 52	3 36	19 12	3 34	23 38	1 1	21 47	0 4	2 26	1 19	2 38	2 17	6 35	0 36	15 15	1 45	22 28	13 3	23 0	22 59	18 58	5 57	4 48
W20	23 18	12 24	4 27	19 26	3 24	23 31	1 2	21 54	0 5	2 24	1 18	2 38	2 17	6 35	0 36	15 15	1 45	22 28	13 3	23 0	22 59	18 56	5 55	4 48
T 21	23 14	7 20	5 1	19 42	3 13	23 23	1 4	22 1	0 5	2 21	1 18	2 38	2 17	6 35	0 36	15 15	1 45	22 29	13 3	23 0	22 59	18 55	5 54	4 47
F 22	23 10	2 0	5 17	19 58	3 2	23 15	1 6	22 8	0 6	2 18	1 18	2 37	2 17	6 36	0 36	15 16	1 45	22 29	13 4	23 0	23 0	18 54	5 52	4 47
S 23	23 6	3n18	5 13	20 14	2 50	23 6	1 7	22 14	0 7	2 15	1 18	2 37	2 18	6 36	0 36	15 16	1 45	22 30	13 4	23 0	23 0	18 52	5 50	4 46
S 24	23 2	8 20	4 53	20 31	2 37	22 56	1 9	22 21	0 7	2 12	1 17	2 37	2 18	6 36	0 36	15 16	1 45	22 30	13 4	23 0	23 0	18 51	5 49	4 45
M25	22 57	12 53	4 18	20 48	2 25	22 46	1 10	22 27	0 8	2 10	1 17	2 37	2 18	6 36	0 36	15 17	1 45	22 31	13 5	23 0	23 0	18 50	5 47	4 45
T 26	22 51	16 46	3 31	21 5	2 12	22 35	1 12	22 33	0 9	2 7	1 17	2 37	2 19	6 36	0 36	15 17	1 45	22 31	13 5	23 0	23 1	18 48	5 45	4 44
W27	22 46	19 48	2 34	21 22	1 59	22 23	1 13	22 39	0 9	2 4	1 17	2 37	2 19	6 37	0 36	15 18	1 46	22 32	13 5	23 0	23 1	18 47	5 43	4 44
T 28	22 39	21 52	1 31	21 39	1 45	22 11	1 15	22 44	0 10	2 0	1 17	2 38	2 19	6 37	0 36	15 18	1 46	22 32	13 6	23 0	23 1	18 46	5 41	4 43
F 29	22 33	22 53	0 25	21 55	1 32	21 58	1 16	22 50	0 11	1 57	1 16	2 38	2 19	6 37	0 36	15 18	1 46	22 33	13 6	23 0	23 2	18 44	5 40	4 42
S 30	22n26	22n49	0n41	22n10	1s19	21n44	1n17	22n55	0n12	1n54	1n16	2s38	2s20	6s37	0n36	15n19	1s46	22s34	13s 6	23n 0	23n 2	18n43	5n38	4s42

Julian Day Number = 2288807.5, Delta T = 170.36 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'21, Lahiri = 17°38'22 Julian Calendar 1 June 1554 == Greg. Calendar 11 June 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

JULY 1554 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 12 59	17♋49'03	0♌58	29♊21	29♋56	16♊22	28♍17	28°R45	18♎16	17♉11	3°R 5	11°R34	11♋ 3	16♌51	4♍17	S 1
M 2	19 16 56	18°46'18	12°49	0♋56	1♌ 9	17° 3	28°25	28♓45	18°16	17°12	3♓ 4	11♋33	11° 0	16°58	4°24	M 2
T 3	19 20 52	19°43'33	24°37	2°35	2°23	17°44	28°32	28°45	18°17	17°14	3° 3	11°32	10°57	17° 4	4°31	T 3
W 4	19 24 49	20°40'49	6♍27	4°18	3°37	18°24	28°40	28°45	18°18	17°15	3° 2	11°31	10°54	17°11	4°38	W 4
T 5	19 28 45	21°38'05	18°20	6° 4	4°51	19° 5	28°49	28°45	18°19	17°16	3° 1	11°29	10°51	17°18	4°45	T 5
F 6	19 32 42	22°35'21	0♎21	7°53	6° 4	19°46	28°57	28°44	18°20	17°17	3° 0	11°28	10°47	17°24	4°52	F 6
S 7	19 36 39	23°32'38	12°34	9°45	7°18	20°26	29° 5	28°44	18°21	17°18	2°59	11°28	10°44	17°31	4°59	S 7
S 8	19 40 35	24°29'55	25° 2	11°40	8°32	21° 7	29°14	28°43	18°22	17°20	2°58	11°D27	10°41	17°38	5° 7	S 8
M 9	19 44 32	25°27'13	7♏50	13°38	9°45	21°47	29°22	28°42	18°23	17°21	2°57	11°28	10°38	17°44	5°14	M 9
T 10	19 48 28	26°24'31	21° 1	15°37	10°59	22°28	29°31	28°41	18°24	17°22	2°56	11°28	10°35	17°51	5°21	T 10
W11	19 52 25	27°21'49	4♐38	17°39	12°13	23° 8	29°40	28°40	18°26	17°23	2°56	11°30	10°32	17°58	5°29	W11
T 12	19 56 21	28°19'08	18°42	19°42	13°26	23°48	29°49	28°39	18°27	17°24	2°55	11°31	10°28	18° 4	5°36	T 12
F 13	20 0 18	29°16'28	3♑11	21°46	14°40	24°29	29°58	28°38	18°28	17°25	2°54	11°32	10°25	18°11	5°44	F 13
S 14	20 4 14	0♒13'48	18° 2	23°51	15°54	25° 9	0♎ 7	28°37	18°30	17°26	2°53	11°R32	10°22	18°18	5°51	S 14
S 15	20 8 11	1°11'09	3♓ 7	25°57	17° 7	25°49	0°16	28°35	18°31	17°27	2°51	11°31	10°19	18°24	5°59	S 15
M16	20 12 8	2° 8'31	18°19	28° 3	18°21	26°29	0°25	28°34	18°33	17°27	2°50	11°29	10°16	18°31	6° 7	M16
T 17	20 16 4	3° 5'53	3♈26	0♌ 8	19°35	27° 9	0°35	28°32	18°34	17°28	2°49	11°26	10°13	18°38	6°14	T 17
W18	20 20 1	4° 3'17	18°20	2°14	20°48	27°49	0°44	28°31	18°36	17°29	2°48	11°23	10° 9	18°44	6°22	W18
T 19	20 23 57	5° 0'42	2♉55	4°19	22° 2	28°29	0°54	28°29	18°37	17°30	2°47	11°21	10° 6	18°51	6°30	T 19
F 20	20 27 54	5°58'08	17° 5	6°23	23°16	29° 9	1° 4	28°27	18°39	17°31	2°46	11°19	10° 3	18°58	6°38	F 20
S 21	20 31 50	6°55'36	0♉49	8°26	24°29	29°48	1°13	28°25	18°41	17°31	2°45	11°18	10° 0	19° 4	6°46	S 21
S 22	20 35 47	7°53'05	14° 7	10°29	25°43	0♋28	1°23	28°23	18°42	17°32	2°44	11°D18	9°57	19°11	6°54	S 22
M23	20 39 43	8°50'35	27° 2	12°30	26°57	1° 8	1°33	28°21	18°44	17°33	2°43	11°19	9°53	19°18	7° 2	M23
T 24	20 43 40	9°48'07	9♊38	14°30	28°10	1°47	1°43	28°19	18°46	17°33	2°42	11°20	9°50	19°24	7°10	T 24
W25	20 47 37	10°45'40	21°58	16°28	29°24	2°27	1°54	28°17	18°48	17°34	2°40	11°22	9°47	19°31	7°18	W25
T 26	20 51 33	11°43'14	4♋ 5	18°26	0♍38	3° 6	2° 4	28°14	18°50	17°35	2°39	11°23	9°44	19°38	7°26	T 26
F 27	20 55 30	12°40'50	16° 4	20°21	1°51	3°46	2°14	28°12	18°52	17°35	2°38	11°R23	9°41	19°44	7°34	F 27
S 28	20 59 26	13°38'27	27°57	22°16	3° 5	4°25	2°25	28° 9	18°54	17°36	2°37	11°22	9°38	19°51	7°42	S 28
S 29	21 3 23	14°36'05	9♌47	24° 9	4°19	5° 4	2°35	28° 7	18°56	17°36	2°36	11°19	9°34	19°58	7°50	S 29
M30	21 7 19	15°33'45	21°36	26° 0	5°32	5°44	2°46	28° 4	18°58	17°36	2°35	11°14	9°31	20° 4	7°58	M30
T 31	21 11 16	16♌31'26	3♍26	27♌50	6♍46	6♋23	2♎56	28♓ 1	19♎ 0	17♉37	2♓33	11♋ 9	9♋28	20♌11	8♍ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n18	21n42	1n46	22n24	1s 5	21n30	1n19	23n 0	0n12	1n51	1n16	2s38	2s20	6s38	0n36	15n19	1s46	22s34	13s 6	23n 0	23n 2	18n42	5n36	4s41
M 2	22 11	19 38	2 45	22 38	0 52	21 15	1 20	23 5	0 13	1 48	1 16	2 38	2 20	6 38	0 36	15 19	1 46	22 35	13 7	23 0	23 2	18 40	5 34	4 41
T 3	22 3	16 45	3 37	22 50	0 39	20 59	1 21	23 9	0 14	1 44	1 16	2 39	2 21	6 38	0 36	15 20	1 46	22 35	13 7	23 0	23 3	18 39	5 32	4 40
W 4	21 54	13 11	4 19	23 0	0 26	20 43	1 22	23 14	0 14	1 41	1 15	2 39	2 21	6 39	0 36	15 20	1 46	22 36	13 7	23 0	23 3	18 38	5 30	4 40
T 5	21 45	9 5	4 51	23 8	0 13	20 26	1 23	23 18	0 15	1 37	1 15	2 39	2 21	6 39	0 35	15 20	1 46	22 36	13 7	23 0	23 3	18 36	5 28	4 39
F 6	21 36	4 36	5 11	23 15	0 1	20 9	1 24	23 22	0 16	1 34	1 15	2 40	2 21	6 39	0 35	15 20	1 46	22 37	13 8	23 0	23 3	18 35	5 26	4 38
S 7	21 26	0s 7	5 17	23 19	0n11	19 51	1 25	23 26	0 17	1 30	1 15	2 40	2 22	6 40	0 35	15 21	1 46	22 37	13 8	23 0	23 4	18 33	5 23	4 38
S 8	21 16	4 56	5 8	23 21	0 22	19 33	1 25	23 29	0 17	1 27	1 15	2 41	2 22	6 40	0 35	15 21	1 46	22 38	13 8	23 0	23 4	18 32	5 21	4 37
M 9	21 6	9 41	4 44	23 21	0 33	19 14	1 26	23 32	0 18	1 23	1 14	2 41	2 22	6 41	0 35	15 21	1 46	22 39	13 8	23 0	23 4	18 31	5 19	4 37
T 10	20 55	14 7	4 4	23 18	0 43	18 54	1 27	23 36	0 19	1 20	1 14	2 42	2 22	6 41	0 35	15 21	1 46	22 39	13 9	23 0	23 4	18 29	5 17	4 36
W11	20 44	18 0	3 10	23 12	0 53	18 34	1 27	23 38	0 19	1 16	1 14	2 43	2 23	6 42	0 35	15 22	1 46	22 40	13 9	23 0	23 5	18 28	5 15	4 36
T 12	20 33	20 58	2 3	23 4	1 1	18 14	1 28	23 41	0 20	1 12	1 14	2 43	2 23	6 42	0 35	15 22	1 46	22 40	13 9	23 0	23 5	18 26	5 13	4 35
F 13	20 21	22 42	0 46	22 52	1 9	17 53	1 28	23 44	0 21	1 9	1 14	2 44	2 23	6 43	0 35	15 22	1 46	22 41	13 9	23 0	23 5	18 25	5 10	4 35
S 14	20 9	22 52	0s36	22 39	1 17	17 31	1 29	23 46	0 21	1 5	1 14	2 45	2 24	6 43	0 35	15 22	1 46	22 42	13 10	23 0	23 5	18 24	5 8	4 34
S 15	19 57	21 24	1 56	22 22	1 23	17 9	1 29	23 48	0 22	1 1	1 13	2 46	2 24	6 44	0 35	15 23	1 46	22 42	13 10	23 0	23 6	18 22	5 6	4 34
M16	19 44	18 22	3 9	22 3	1 29	16 47	1 29	23 50	0 23	0 57	1 13	2 46	2 24	6 45	0 35	15 23	1 47	22 43	13 10	23 0	23 6	18 21	5 3	4 33
T 17	19 31	14 8	4 8	21 42	1 34	16 24	1 30	23 52	0 24	0 53	1 13	2 47	2 24	6 45	0 35	15 23	1 47	22 43	13 10	23 0	23 6	18 19	5 1	4 33
W18	19 17	9 4	4 50	21 18	1 38	16 1	1 30	23 53	0 24	0 49	1 13	2 48	2 25	6 46	0 35	15 23	1 47	22 44	13 10	23 0	23 6	18 18	4 58	4 32
T 19	19 4	3 36	5 11	20 52	1 41	15 37	1 30	23 54	0 25	0 45	1 13	2 49	2 25	6 47	0 35	15 23	1 47	22 44	13 11	23 1	23 7	18 16	4 56	4 32
F 20	18 49	1n54	5 13	20 23	1 43	15 13	1 30	23 55	0 26	0 41	1 13	2 50	2 25	6 47	0 35	15 23	1 47	22 45	13 11	23 1	23 7	18 15	4 54	4 32
S 21	18 35	7 9	4 57	19 53	1 45	14 48	1 30	23 56	0 26	0 37	1 12	2 51	2 25	6 48	0 35	15 24	1 47	22 46	13 11	23 1	23 7	18 13	4 51	4 31
S 22	18 20	11 54	4 25	19 21	1 46	14 23	1 30	23 57	0 27	0 33	1 12	2 52	2 26	6 49	0 35	15 24	1 47	22 46	13 11	23 1	23 7	18 12	4 49	4 31
M23	18 5	15 58	3 40	18 48	1 46	13 58	1 29	23 57	0 28	0 29	1 12	2 53	2 26	6 49	0 35	15 24	1 47	22 47	13 11	23 1	23 8	18 11	4 46	4 30
T 24	17 50	19 13	2 46	18 13	1 46	13 32	1 29	23 58	0 29	0 25	1 12	2 54	2 26	6 50	0 35	15 24	1 47	22 47	13 11	23 1	23 8	18 9	4 44	4 30
W25	17 35	21 31	1 45	17 36	1 45	13 6	1 29	23 58	0 29	0 21	1 12	2 55	2 26	6 51	0 35	15 24	1 47	22 48	13 12	23 1	23 8	18 8	4 41	4 29
T 26	17 19	22 46	0 40	16 59	1 44	12 39	1 28	23 58	0 30	0 16	1 12	2 57	2 27	6 52	0 35	15 24	1 47	22 49	13 12	23 0	23 8	18 6	4 38	4 29
F 27	17 3	22 57	0n26	16 20	1 41	12 12	1 28	23 57	0 31	0 12	1 11	2 58	2 27	6 52	0 35	15 24	1 47	22 49	13 12	23 0	23 9	18 5	4 36	4 29
S 28	16 46	22 5	1 29	15 41	1 39	11 45	1 27	23 57	0 32	0 8	1 11	2 59	2 27	6 53	0 35	15 24	1 47	22 50	13 12	23 1	23 9	18 3	4 33	4 28
S 29	16 30	20 14	2 29	15 0	1 36	11 18	1 27	23 56	0 32	0 3	1 11	3 0	2 27	6 54	0 35	15 24	1 47	22 50	13 12	23 1	23 9	18 2	4 31	4 28
M30	16 13	17 31	3 22	14 19	1 32	10 50	1 26	23 55	0 33	0s 1	1 11	3 2	2 27	6 55	0 35	15 24	1 47	22 51	13 12	23 1	23 9	18 0	4 28	4 27
T 31	15n55	14n 6	4n 6	13n38	1n28	10n22	1n25	23n54	0n34	0s 5	1n11	3s 3	2s28	6s56	0n35	15n25	1s47	22s51	13s13	23n 2	23n 9	17n59	4n25	4s27

Julian Day Number = 2288837.5, Delta T = 170.18 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'25, Lahiri = 17°38'26 Julian Calendar 1 July 1554 == Greg. Calendar 11 July 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

AUGUST 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 15 12	17♌29'08	15♍18	29♌39	8♍ 0	7♋ 2	3♎ 7	27°R58	19♎ 3	17♉37	2°R32	11°R 2	9♋25	20♌18	8♍15	W 1
T 2	21 19 9	18°26'51	27°16	1♍26	9°13	7°41	3°18	27♓55	19° 5	17°38	2♓31	10♋55	9°22	20°24	8°23	T 2
F 3	21 23 6	19°24'35	9♎21	3°12	10°27	8°20	3°29	27°52	19° 7	17°38	2°30	10°49	9°19	20°31	8°32	F 3
S 4	21 27 2	20°22'21	21°36	4°56	11°40	8°59	3°40	27°49	19°10	17°38	2°28	10°44	9°15	20°38	8°40	S 4
S 5	21 30 59	21°20'08	4♏ 4	6°39	12°54	9°38	3°51	27°46	19°12	17°38	2°27	10°41	9°12	20°44	8°48	S 5
M 6	21 34 55	22°17'56	16°49	8°21	14° 7	10°16	4° 2	27°42	19°14	17°39	2°26	10°D40	9° 9	20°51	8°57	M 6
T 7	21 38 52	23°15'45	29°54	10° 1	15°21	10°55	4°13	27°39	19°17	17°39	2°25	10°40	9° 6	20°58	9° 5	T 7
W 8	21 42 48	24°13'36	13♐22	11°40	16°35	11°34	4°24	27°36	19°19	17°39	2°23	10°41	9° 3	21° 5	9°14	W 8
T 9	21 46 45	25°11'27	27°16	13°17	17°48	12°12	4°36	27°32	19°22	17°39	2°22	10°42	8°59	21°11	9°22	T 9
F 10	21 50 41	26° 9'20	11♑36	14°53	19° 2	12°51	4°47	27°29	19°24	17°39	2°21	10°R42	8°56	21°18	9°31	F 10
S 11	21 54 38	27° 7'15	26°21	16°28	20°15	13°29	4°59	27°25	19°27	17°39	2°20	10°41	8°53	21°25	9°39	S 11
S 12	21 58 35	28° 5'11	11♒24	18° 1	21°29	14° 8	5°10	27°21	19°30	17°R39	2°18	10°39	8°50	21°31	9°48	S 12
M13	22 2 31	29° 3'08	26°39	19°33	22°42	14°46	5°22	27°17	19°32	17°39	2°17	10°34	8°47	21°38	9°56	M13
T 14	22 6 28	0♍ 1'06	11♓55	21° 4	23°55	15°24	5°33	27°14	19°35	17°39	2°16	10°27	8°44	21°45	10° 5	T 14
W15	22 10 24	0°59'07	27° 1	22°33	25° 9	16° 2	5°45	27°10	19°38	17°39	2°15	10°19	8°40	21°51	10°13	W15
T 16	22 14 21	1°57'09	11♈48	24° 1	26°22	16°41	5°57	27° 6	19°41	17°39	2°13	10°12	8°37	21°58	10°22	T 16
F 17	22 18 17	2°55'13	26° 9	25°28	27°36	17°19	6° 9	27° 2	19°44	17°39	2°12	10° 6	8°34	22° 5	10°30	F 17
S 18	22 22 14	3°53'19	10♉ 0	26°53	28°49	17°57	6°20	26°58	19°46	17°38	2°11	10° 1	8°31	22°11	10°39	S 18
S 19	22 26 10	4°51'27	23°23	28°17	0♎ 3	18°35	6°32	26°54	19°49	17°38	2°10	9°58	8°28	22°18	10°48	S 19
M20	22 30 7	5°49'37	6♊18	29°39	1°16	19°13	6°44	26°49	19°52	17°38	2° 8	9°D58	8°24	22°25	10°56	M20
T 21	22 34 4	6°47'50	18°51	1♎ 0	2°29	19°50	6°56	26°45	19°55	17°38	2° 7	9°58	8°21	22°31	11° 5	T 21
W22	22 38 0	7°46'04	1♋ 6	2°20	3°43	20°28	7° 8	26°41	19°58	17°37	2° 6	9°59	8°18	22°38	11°14	W22
T 23	22 41 57	8°44'20	13° 8	3°38	4°56	21° 6	7°20	26°37	20° 1	17°37	2° 5	9°R59	8°15	22°45	11°22	T 23
F 24	22 45 53	9°42'39	25° 1	4°54	6° 9	21°44	7°33	26°32	20° 4	17°37	2° 3	9°58	8°12	22°51	11°31	F 24
S 25	22 49 50	10°40'59	6♌50	6° 9	7°23	22°21	7°45	26°28	20° 7	17°36	2° 2	9°55	8° 9	22°58	11°40	S 25
S 26	22 53 46	11°39'21	18°38	7°22	8°36	22°59	7°57	26°23	20°11	17°36	2° 1	9°49	8° 5	23° 5	11°48	S 26
M27	22 57 43	12°37'45	0♍28	8°33	9°49	23°36	8° 9	26°19	20°14	17°35	2° 0	9°40	8° 2	23°11	11°57	M27
T 28	23 1 39	13°36'11	12°22	9°42	11° 3	24°13	8°22	26°14	20°17	17°35	1°58	9°29	7°59	23°18	12° 6	T 28
W29	23 5 36	14°34'39	24°21	10°50	12°16	24°51	8°34	26°10	20°20	17°34	1°57	9°17	7°56	23°25	12°14	W29
T 30	23 9 33	15°33'09	6♎28	11°55	13°29	25°28	8°47	26° 5	20°23	17°34	1°56	9° 5	7°53	23°32	12°23	T 30
F 31	23 13 29	16♍31'41	18♎42	12♎58	14♎42	26♋ 5	8♎59	26♓ 1	20♎27	17♉33	1♓55	8♋53	7♋50	23♌38	12♍32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n38	10n 6	4n40	12n55	1n23	9n54	1n24	23n53	0n34	0s10	1n11	3s 4	2s28	6s57	0n34	15n25	1s47	22s52	13s13	23n 2	23n10	17n57	4n22	4s27
T 2	15 20	5 42	5 1	12 13	1 19	9 25	1 24	23 52	0 35	0 14	1 11	3 6	2 28	6 57	0 34	15 25	1 47	22 53	13 13	23 3	23 10	17 56	4 20	4 26
F 3	15 2	1 2	5 10	11 30	1 13	8 57	1 23	23 50	0 36	0 19	1 10	3 7	2 28	6 58	0 34	15 25	1 48	22 53	13 13	23 3	23 10	17 54	4 17	4 26
S 4	14 44	3s44	5 5	10 46	1 8	8 28	1 22	23 48	0 37	0 23	1 10	3 8	2 29	6 59	0 34	15 25	1 48	22 54	13 13	23 4	23 10	17 53	4 14	4 26
S 5	14 25	8 26	4 45	10 3	1 2	7 58	1 20	23 46	0 37	0 28	1 10	3 10	2 29	7 0	0 34	15 25	1 48	22 54	13 13	23 4	23 11	17 51	4 11	4 25
M 6	14 7	12 53	4 11	9 19	0 55	7 29	1 19	23 44	0 38	0 32	1 10	3 11	2 29	7 1	0 34	15 25	1 48	22 55	13 13	23 4	23 11	17 49	4 9	4 25
T 7	13 48	16 52	3 23	8 35	0 49	6 59	1 18	23 41	0 39	0 37	1 10	3 13	2 29	7 2	0 34	15 25	1 48	22 55	13 13	23 4	23 11	17 48	4 6	4 24
W 8	13 29	20 6	2 23	7 51	0 42	6 29	1 17	23 39	0 40	0 41	1 10	3 15	2 29	7 3	0 34	15 25	1 48	22 56	13 13	23 4	23 11	17 46	4 3	4 24
T 9	13 9	22 16	1 12	7 8	0 35	5 59	1 15	23 36	0 40	0 46	1 10	3 16	2 30	7 4	0 34	15 25	1 48	22 56	13 13	23 4	23 11	17 45	4 0	4 24
F 10	12 50	23 4	0s 5	6 24	0 28	5 29	1 14	23 33	0 41	0 50	1 10	3 18	2 30	7 5	0 34	15 25	1 48	22 57	13 14	23 4	23 12	17 43	3 57	4 24
S 11	12 30	22 18	1 24	5 40	0 21	4 59	1 12	23 30	0 42	0 55	1 10	3 19	2 30	7 6	0 34	15 25	1 48	22 58	13 14	23 4	23 12	17 42	3 54	4 23
S 12	12 10	19 56	2 38	4 57	0 13	4 28	1 11	23 27	0 42	1 0	1 9	3 21	2 30	7 7	0 34	15 24	1 48	22 58	13 14	23 4	23 12	17 40	3 51	4 23
M13	11 50	16 8	3 42	4 14	0 5	3 58	1 9	23 24	0 43	1 4	1 9	3 23	2 30	7 8	0 34	15 24	1 48	22 59	13 14	23 5	23 12	17 39	3 48	4 23
T 14	11 30	11 16	4 30	3 31	0s 3	3 27	1 8	23 20	0 44	1 9	1 9	3 24	2 30	7 9	0 34	15 24	1 48	22 59	13 14	23 5	23 13	17 37	3 46	4 22
W15	11 9	5 45	4 59	2 48	0 11	2 56	1 6	23 16	0 45	1 14	1 9	3 26	2 31	7 10	0 34	15 24	1 48	23 0	13 14	23 6	23 13	17 35	3 43	4 22
T 16	10 48	0 2	5 7	2 6	0 19	2 25	1 4	23 12	0 45	1 19	1 9	3 28	2 31	7 11	0 34	15 24	1 48	23 0	13 14	23 6	23 13	17 34	3 40	4 22
F 17	10 27	5n32	4 55	1 24	0 27	1 54	1 2	23 8	0 46	1 23	1 9	3 30	2 31	7 13	0 34	15 24	1 48	23 1	13 14	23 7	23 13	17 32	3 37	4 21
S 18	10 6	10 38	4 26	0 42	0 35	1 23	1 0	23 4	0 47	1 28	1 9	3 31	2 31	7 14	0 34	15 24	1 48	23 1	13 14	23 7	23 13	17 31	3 34	4 21
S 19	9 45	15 3	3 44	0 1	0 44	0 52	0 58	23 0	0 48	1 33	1 9	3 33	2 31	7 15	0 34	15 24	1 48	23 2	13 14	23 7	23 14	17 29	3 31	4 21
M20	9 24	18 37	2 51	0s40	0 52	0 21	0 56	22 55	0 48	1 38	1 9	3 35	2 31	7 16	0 34	15 24	1 49	23 2	13 14	23 7	23 14	17 27	3 28	4 21
T 21	9 2	21 11	1 51	1 20	1 1	0s10	0 54	22 50	0 49	1 43	1 8	3 37	2 32	7 17	0 34	15 24	1 49	23 3	13 14	23 7	23 14	17 26	3 25	4 20
W22	8 41	22 42	0 48	1 59	1 9	0 41	0 52	22 45	0 50	1 48	1 8	3 38	2 32	7 18	0 34	15 23	1 49	23 3	13 14	23 7	23 14	17 24	3 22	4 20
T 23	8 19	23 8	0n17	2 38	1 18	1 12	0 50	22 40	0 51	1 52	1 8	3 40	2 32	7 19	0 34	15 23	1 49	23 4	13 14	23 7	23 14	17 23	3 19	4 20
F 24	7 57	22 29	1 20	3 17	1 27	1 44	0 47	22 35	0 51	1 57	1 8	3 42	2 32	7 21	0 34	15 23	1 49	23 4	13 14	23 7	23 15	17 21	3 15	4 20
S 25	7 35	20 50	2 18	3 54	1 35	2 15	0 45	22 30	0 52	2 2	1 8	3 44	2 32	7 22	0 34	15 23	1 49	23 5	13 14	23 8	23 15	17 19	3 12	4 20
S 26	7 13	18 18	3 11	4 31	1 44	2 46	0 43	22 24	0 53	2 7	1 8	3 46	2 32	7 23	0 34	15 23	1 49	23 5	13 14	23 8	23 15	17 18	3 9	4 19
M27	6 50	15 0	3 55	5 7	1 52	3 17	0 40	22 19	0 54	2 12	1 8	3 48	2 32	7 24	0 34	15 23	1 49	23 5	13 14	23 9	23 15	17 16	3 6	4 19
T 28	6 28	11 5	4 30	5 42	2 0	3 48	0 38	22 13	0 54	2 17	1 8	3 50	2 32	7 25	0 34	15 22	1 49	23 6	13 14	23 9	23 15	17 14	3 3	4 19
W29	6 5	6 43	4 52	6 16	2 9	4 19	0 35	22 7	0 55	2 22	1 8	3 52	2 32	7 27	0 34	15 22	1 49	23 6	13 14	23 10	23 16	17 13	3 0	4 19
T 30	5 43	2 3	5 2	6 49	2 17	4 50	0 33	22 1	0 56	2 27	1 8	3 53	2 33	7 28	0 34	15 22	1 49	23 7	13 14	23 11	23 16	17 11	2 57	4 18
F 31	5n20	2s45	4n58	7s21	2s25	5s21	0n30	21n55	0n57	2s32	1n 8	3s55	2s33	7s29	0n34	15n22	1s49	23s 7	13s14	23n12	23n16	17n 9	2n54	4s18

Julian Day Number = 2288868.5, Delta T = 170.00 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'30, Lahiri = 17°38'30 Julian Calendar 1 Aug. 1554 == Greg. Calendar 11 Aug. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

SEPTEMBER 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 17 26	17♍30'14	1♏ 6	13♎58	15♎56	26♋42	9♎12	25°R56	20♎30	17°R32	1°R53	8°R43	7♋46	23♌45	12♍40	S 1
S 2	23 21 22	18°28'50	13°40	14°56	17° 9	27°19	9°24	25♓52	20°33	17♉32	1♓52	8♋36	7°43	23°52	12°49	S 2
M 3	23 25 19	19°27'27	26°28	15°52	18°22	27°56	9°37	25°47	20°37	17°31	1°51	8°31	7°40	23°58	12°58	M 3
T 4	23 29 15	20°26'05	9♐32	16°44	19°35	28°33	9°49	25°42	20°40	17°30	1°50	8°29	7°37	24° 5	13° 6	T 4
W 5	23 33 12	21°24'46	22°55	17°33	20°48	29°10	10° 2	25°38	20°43	17°30	1°49	8°D29	7°34	24°12	13°15	W 5
T 6	23 37 8	22°23'28	6♑39	18°19	22° 2	29°46	10°15	25°33	20°47	17°29	1°47	8°R29	7°30	24°18	13°23	T 6
F 7	23 41 5	23°22'12	20°45	19° 1	23°15	0♌23	10°27	25°28	20°50	17°28	1°46	8°29	7°27	24°25	13°32	F 7
S 8	23 45 1	24°20'57	5♒14	19°39	24°28	0°59	10°40	25°24	20°54	17°27	1°45	8°26	7°24	24°32	13°41	S 8
S 9	23 48 58	25°19'45	20° 2	20°13	25°41	1°36	10°53	25°19	20°57	17°26	1°44	8°22	7°21	24°38	13°49	S 9
M10	23 52 55	26°18'34	5♓ 5	20°42	26°54	2°12	11° 6	25°14	21° 1	17°25	1°43	8°14	7°18	24°45	13°58	M10
T 11	23 56 51	27°17'24	20°12	21° 6	28° 7	2°48	11°18	25°10	21° 4	17°24	1°42	8° 4	7°15	24°52	14° 6	T 11
W12	0 0 48	28°16'17	5♈15	21°24	29°20	3°25	11°31	25° 5	21° 8	17°23	1°41	7°53	7°11	24°58	14°15	W12
T 13	0 4 44	29°15'12	20° 2	21°37	0♏33	4° 1	11°44	25° 0	21°11	17°22	1°39	7°42	7° 8	25° 5	14°23	T 13
F 14	0 8 41	0♎14'09	4♉27	21°R44	1°46	4°37	11°57	24°56	21°15	17°21	1°38	7°32	7° 5	25°12	14°32	F 14
S 15	0 12 37	1°13'09	18°24	21°43	2°59	5°13	12°10	24°51	21°18	17°20	1°37	7°25	7° 2	25°19	14°40	S 15
S 16	0 16 34	2°12'10	1♊52	21°36	4°12	5°49	12°23	24°46	21°22	17°19	1°36	7°19	6°59	25°25	14°49	S 16
M17	0 20 30	3°11'14	14°51	21°21	5°24	6°25	12°36	24°42	21°26	17°18	1°35	7°17	6°56	25°32	14°57	M17
T 18	0 24 27	4°10'21	27°27	20°59	6°37	7° 0	12°49	24°37	21°29	17°17	1°34	7°16	6°52	25°39	15° 6	T 18
W19	0 28 24	5° 9'30	9♋42	20°28	7°50	7°36	13° 2	24°33	21°33	17°16	1°33	7°16	6°49	25°45	15°14	W19
T 20	0 32 20	6° 8'41	21°43	19°50	9° 3	8°12	13°15	24°28	21°37	17°15	1°32	7°15	6°46	25°52	15°23	T 20
F 21	0 36 17	7° 7'54	3♌36	19° 4	10°16	8°47	13°28	24°23	21°40	17°14	1°31	7°13	6°43	25°59	15°31	F 21
S 22	0 40 13	8° 7'10	15°24	18°11	11°29	9°23	13°41	24°19	21°44	17°12	1°30	7° 9	6°40	26° 5	15°39	S 22
S 23	0 44 10	9° 6'28	27°13	17°12	12°41	9°58	13°54	24°15	21°48	17°11	1°29	7° 2	6°36	26°12	15°48	S 23
M24	0 48 6	10° 5'48	9♍ 7	16° 7	13°54	10°33	14° 7	24°10	21°51	17°10	1°28	6°52	6°33	26°19	15°56	M24
T 25	0 52 3	11° 5'10	21° 7	14°57	15° 7	11° 8	14°20	24° 6	21°55	17° 9	1°27	6°40	6°30	26°25	16° 4	T 25
W26	0 55 59	12° 4'34	3♎16	13°46	16°19	11°43	14°33	24° 1	21°59	17° 7	1°26	6°26	6°27	26°32	16°12	W26
T 27	0 59 56	13° 4'01	15°34	12°34	17°32	12°18	14°46	23°57	22° 2	17° 6	1°25	6°12	6°24	26°39	16°20	T 27
F 28	1 3 53	14° 3'30	28° 3	11°23	18°45	12°53	14°59	23°53	22° 6	17° 5	1°25	5°59	6°21	26°45	16°29	F 28
S 29	1 7 49	15° 3'00	10♏43	10°16	19°57	13°28	15°12	23°49	22°10	17° 3	1°24	5°47	6°17	26°52	16°37	S 29
S 30	1 11 46	16♎ 2'33	23♏33	9♎14	21♏10	14♌ 3	15♎25	23♓44	22♎14	17♉ 2	1♓23	5♋39	6♋14	26♌59	16♍45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n57	7s31	4n40	7s52	2s33	5s51	0n28	21n48	0n57	2s37	1n 8	3s57	2s33	7s30	0n34	15n22	1s49	23s 8	13s14	23n13	23n16	17n 8	2n51	4s18
S 2	4 34	12 2	4 8	8 22	2 41	6 22	0 25	21 42	0 58	2 42	1 7	3 59	2 33	7 32	0 34	15 21	1 49	23 8	13 14	23 13	23 16	17 6	2 48	4 18
M 3	4 11	16 7	3 23	8 50	2 48	6 53	0 22	21 35	0 59	2 47	1 7	4 1	2 33	7 33	0 34	15 21	1 49	23 8	13 14	23 13	23 16	17 4	2 44	4 18
T 4	3 48	19 31	2 27	9 17	2 55	7 23	0 19	21 29	1 0	2 52	1 7	4 3	2 33	7 34	0 34	15 21	1 49	23 9	13 14	23 13	23 17	17 3	2 41	4 18
W 5	3 25	21 57	1 22	9 42	3 2	7 53	0 17	21 22	1 1	2 57	1 7	4 5	2 33	7 36	0 34	15 21	1 49	23 9	13 14	23 13	23 17	17 1	2 38	4 17
T 6	3 2	23 10	0 10	10 6	3 9	8 23	0 14	21 15	1 1	3 2	1 7	4 7	2 33	7 37	0 34	15 20	1 49	23 9	13 13	23 13	23 17	16 59	2 35	4 17
F 7	2 38	22 57	1s 5	10 28	3 15	8 53	0 11	21 8	1 2	3 7	1 7	4 9	2 33	7 38	0 34	15 20	1 50	23 10	13 13	23 14	23 17	16 58	2 32	4 17
S 8	2 15	21 13	2 17	10 48	3 20	9 23	0 8	21 1	1 3	3 12	1 7	4 11	2 33	7 39	0 33	15 20	1 50	23 10	13 13	23 14	23 17	16 56	2 29	4 17
S 9	1 52	18 1	3 21	11 5	3 26	9 52	0 5	20 53	1 4	3 17	1 7	4 13	2 33	7 41	0 33	15 19	1 50	23 11	13 13	23 14	23 18	16 54	2 25	4 17
M10	1 28	13 35	4 12	11 21	3 30	10 21	0 2	20 46	1 4	3 22	1 7	4 14	2 33	7 42	0 33	15 19	1 50	23 11	13 13	23 14	23 18	16 53	2 22	4 17
T 11	1 5	8 17	4 46	11 33	3 34	10 50	0s 1	20 38	1 5	3 27	1 7	4 16	2 33	7 43	0 33	15 19	1 50	23 11	13 13	23 15	23 18	16 51	2 19	4 17
W12	0 41	2 30	5 0	11 43	3 37	11 19	0 4	20 31	1 6	3 32	1 7	4 18	2 33	7 45	0 33	15 18	1 50	23 12	13 13	23 16	23 18	16 49	2 16	4 17
T 13	0 18	3n19	4 54	11 50	3 40	11 48	0 7	20 23	1 7	3 38	1 7	4 20	2 33	7 46	0 33	15 18	1 50	23 12	13 13	23 16	23 18	16 47	2 13	4 16
F 14	0s 6	8 49	4 29	11 54	3 41	12 16	0 10	20 15	1 8	3 43	1 7	4 22	2 33	7 47	0 33	15 18	1 50	23 12	13 13	23 17	23 18	16 46	2 10	4 16
S 15	0 29	13 42	3 48	11 54	3 41	12 44	0 13	20 7	1 8	3 48	1 7	4 24	2 33	7 49	0 33	15 18	1 50	23 12	13 13	23 17	23 19	16 44	2 6	4 16
S 16	0 53	17 43	2 56	11 50	3 40	13 12	0 16	19 59	1 9	3 53	1 7	4 26	2 33	7 50	0 33	15 17	1 50	23 13	13 12	23 18	23 19	16 42	2 3	4 16
M17	1 16	20 43	1 56	11 43	3 38	13 39	0 19	19 51	1 10	3 58	1 7	4 27	2 33	7 52	0 33	15 17	1 50	23 13	13 12	23 18	23 19	16 40	2 0	4 16
T 18	1 40	22 37	0 52	11 31	3 34	14 6	0 22	19 42	1 11	4 3	1 7	4 29	2 33	7 53	0 33	15 16	1 50	23 13	13 12	23 18	23 19	16 39	1 57	4 16
W19	2 3	23 21	0n13	11 14	3 29	14 33	0 25	19 34	1 12	4 8	1 7	4 31	2 33	7 54	0 33	15 16	1 50	23 13	13 12	23 18	23 19	16 37	1 54	4 16
T 20	2 27	22 59	1 16	10 53	3 22	15 0	0 28	19 26	1 12	4 13	1 7	4 33	2 33	7 56	0 33	15 16	1 50	23 14	13 12	23 18	23 19	16 35	1 51	4 16
F 21	2 50	21 34	2 14	10 27	3 13	15 26	0 31	19 17	1 13	4 18	1 7	4 35	2 33	7 57	0 33	15 15	1 50	23 14	13 12	23 18	23 20	16 33	1 47	4 16
S 22	3 14	19 14	3 7	9 57	3 2	15 52	0 35	19 8	1 14	4 23	1 7	4 36	2 33	7 58	0 33	15 15	1 50	23 14	13 12	23 18	23 20	16 32	1 44	4 16
S 23	3 37	16 5	3 51	9 23	2 50	16 17	0 38	19 0	1 15	4 28	1 7	4 38	2 33	8 0	0 33	15 15	1 50	23 14	13 11	23 19	23 20	16 30	1 41	4 16
M24	4 0	12 17	4 26	8 44	2 35	16 42	0 41	18 51	1 16	4 33	1 6	4 40	2 33	8 1	0 33	15 14	1 50	23 15	13 11	23 19	23 20	16 28	1 38	4 16
T 25	4 24	7 57	4 49	8 2	2 19	17 7	0 44	18 42	1 16	4 38	1 6	4 42	2 33	8 3	0 33	15 14	1 50	23 15	13 11	23 20	23 20	16 26	1 35	4 16
W26	4 47	3 16	4 59	7 18	2 1	17 31	0 47	18 33	1 17	4 44	1 6	4 43	2 33	8 4	0 33	15 13	1 50	23 15	13 11	23 20	23 20	16 25	1 32	4 16
T 27	5 10	1s36	4 56	6 32	1 42	17 54	0 50	18 24	1 18	4 49	1 6	4 45	2 33	8 5	0 33	15 13	1 50	23 15	13 11	23 21	23 21	16 23	1 29	4 16
F 28	5 33	6 29	4 38	5 46	1 22	18 18	0 53	18 15	1 19	4 54	1 6	4 47	2 33	8 7	0 33	15 13	1 50	23 15	13 11	23 22	23 21	16 21	1 25	4 16
S 29	5 57	11 10	4 7	5 1	1 2	18 41	0 56	18 6	1 20	4 59	1 6	4 48	2 33	8 8	0 33	15 12	1 50	23 15	13 10	23 22	23 21	16 19	1 22	4 16
S 30	6s20	15s26	3n22	4s18	0s41	19s 3	1s 0	17n56	1n21	5s 4	1n 6	4s50	2s33	8s10	0n33	15n12	1s50	23s16	13s10	23n23	23n21	16n17	1n19	4s16

Julian Day Number = 2288899.5, Delta T = 169.82 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'34, Lahiri = 17°38'34 Julian Calendar 1 Sept. 1554 == Greg. Calendar 11 Sept. 1554

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1554
geocentric

OCTOBER 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 15 42	17♎ 2'07	6♐34	8°R20	22♏22	14♌37	15♎38	23°R40	22♎17	17°R 0	1°R22	5°R33	6♋11	27♌ 6	16♍53	M 1
T 2	1 19 39	18° 1'44	19°47	7♎34	23°35	15°12	15°51	23♓36	22°21	16♉59	1♓21	5♋30	6° 8	27°12	17° 1	T 2
W 3	1 23 35	19° 1'22	3♑14	6°58	24°48	15°46	16° 4	23°32	22°25	16°58	1°20	5°D29	6° 5	27°19	17° 9	W 3
T 4	1 27 32	20° 1'02	16°55	6°33	26° 0	16°20	16°17	23°28	22°29	16°56	1°20	5°R29	6° 1	27°26	17°17	T 4
F 5	1 31 28	21° 0'43	0♒52	6°20	27°12	16°54	16°30	23°24	22°33	16°55	1°19	5°29	5°58	27°32	17°24	F 5
S 6	1 35 25	22° 0'27	15° 5	6°D17	28°25	17°28	16°43	23°21	22°36	16°53	1°18	5°27	5°55	27°39	17°32	S 6
S 7	1 39 22	23° 0'12	29°33	6°26	29°37	18° 2	16°56	23°17	22°40	16°52	1°18	5°23	5°52	27°46	17°40	S 7
M 8	1 43 18	23°59'58	14♓12	6°45	0♗49	18°36	17° 9	23°13	22°44	16°50	1°17	5°16	5°49	27°52	17°48	M 8
T 9	1 47 15	24°59'47	28°57	7°14	2° 2	19°10	17°22	23°10	22°48	16°49	1°16	5° 7	5°46	27°59	17°55	T 9
W10	1 51 11	25°59'37	13♈40	7°53	3°14	19°44	17°35	23° 6	22°51	16°47	1°16	4°56	5°42	28° 6	18° 3	W10
T 11	1 55 8	26°59'29	28°12	8°40	4°26	20°17	17°48	23° 2	22°55	16°45	1°15	4°45	5°39	28°12	18°11	T 11
F 12	1 59 4	27°59'23	12♉28	9°34	5°38	20°51	18° 1	22°59	22°59	16°44	1°14	4°36	5°36	28°19	18°18	F 12
S 13	2 3 1	28°59'19	26°20	10°35	6°50	21°24	18°14	22°56	23° 3	16°42	1°14	4°28	5°33	28°26	18°26	S 13
S 14	2 6 57	29°59'17	9♊47	11°42	8° 2	21°57	18°27	22°52	23° 6	16°41	1°13	4°23	5°30	28°33	18°33	S 14
M15	2 10 54	0♏59'18	22°48	12°54	9°15	22°30	18°40	22°49	23°10	16°39	1°13	4°20	5°27	28°39	18°40	M15
T 16	2 14 50	1°59'20	5♋27	14°11	10°27	23° 3	18°53	22°46	23°14	16°37	1°12	4°D19	5°23	28°46	18°48	T 16
W17	2 18 47	2°59'25	17°45	15°31	11°38	23°36	19° 6	22°43	23°18	16°36	1°12	4°20	5°20	28°53	18°55	W17
T 18	2 22 44	3°59'32	29°49	16°55	12°50	24° 9	19°19	22°40	23°21	16°34	1°11	4°R21	5°17	28°59	19° 2	T 18
F 19	2 26 40	4°59'41	11♌43	18°21	14° 2	24°41	19°32	22°37	23°25	16°33	1°11	4°21	5°14	29° 6	19° 9	F 19
S 20	2 30 37	5°59'52	23°33	19°49	15°14	25°14	19°44	22°35	23°29	16°31	1°10	4°19	5°11	29°13	19°16	S 20
S 21	2 34 33	7° 0'05	5♍24	21°19	16°26	25°46	19°57	22°32	23°33	16°29	1°10	4°15	5° 7	29°19	19°23	S 21
M22	2 38 30	8° 0'20	17°20	22°51	17°38	26°18	20°10	22°29	23°36	16°28	1°10	4° 8	5° 4	29°26	19°30	M22
T 23	2 42 26	9° 0'37	29°25	24°24	18°49	26°50	20°23	22°27	23°40	16°26	1° 9	4° 0	5° 1	29°33	19°37	T 23
W24	2 46 23	10° 0'55	11♎43	25°58	20° 1	27°22	20°35	22°25	23°44	16°24	1° 9	3°50	4°58	29°40	19°44	W24
T 25	2 50 19	11° 1'16	24°14	27°32	21°12	27°54	20°48	22°22	23°47	16°23	1° 9	3°39	4°55	29°46	19°50	T 25
F 26	2 54 16	12° 1'39	6♏59	29° 7	22°24	28°26	21° 1	22°20	23°51	16°21	1° 8	3°30	4°52	29°53	19°57	F 26
S 27	2 58 13	13° 2'03	19°58	0♏43	23°35	28°57	21°13	22°18	23°54	16°19	1° 8	3°21	4°48	29°59	20° 4	S 27
S 28	3 2 9	14° 2'29	3♐10	2°19	24°47	29°28	21°26	22°16	23°58	16°17	1° 8	3°15	4°45	0♍ 6	20°10	S 28
M29	3 6 6	15° 2'57	16°33	3°55	25°58	29°59	21°38	22°14	24° 2	16°16	1° 8	3°12	4°42	0°13	20°17	M29
T 30	3 10 2	16° 3'26	0♑ 7	5°31	27° 9	0♍31	21°51	22°12	24° 5	16°14	1° 8	3°D10	4°39	0°20	20°23	T 30
W31	3 13 59	17♏ 3'57	13♑50	7♏ 7	28♐21	1♍ 1	22♎ 3	22♓10	24♎ 9	16♉12	1♓ 7	3♋11	4♋36	0♍26	20♍29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s42	19s 3	2n27	3s38	0s21	19s25	1s 3	17n47	1n21	5s 9	1n 6	4s51	2s33	8s11	0n33	15n11	1s50	23s16	13s10	23n23	23n21	16n16	1n16	4s16
T 2	7 5	21 44	1 22	3 1	0 1	19 46	1 6	17 38	1 22	5 14	1 6	4 53	2 33	8 13	0 33	15 11	1 51	23 16	13 10	23 23	23 21	16 14	1 13	4 16
W 3	7 28	23 15	0 12	2 30	0n18	20 7	1 9	17 28	1 23	5 19	1 6	4 54	2 33	8 14	0 33	15 10	1 51	23 16	13 10	23 23	23 21	16 12	1 10	4 16
T 4	7 51	23 25	1s 0	2 4	0 36	20 28	1 12	17 19	1 24	5 24	1 6	4 56	2 32	8 15	0 33	15 10	1 51	23 16	13 9	23 23	23 22	16 10	1 7	4 16
F 5	8 13	22 8	2 10	1 44	0 52	20 48	1 15	17 9	1 25	5 29	1 6	4 57	2 32	8 17	0 33	15 10	1 51	23 16	13 9	23 23	23 22	16 8	1 4	4 16
S 6	8 36	19 26	3 13	1 29	1 7	21 7	1 18	17 0	1 26	5 34	1 6	4 59	2 32	8 18	0 33	15 9	1 51	23 16	13 9	23 23	23 22	16 7	1 1	4 16
S 7	8 58	15 29	4 5	1 21	1 20	21 26	1 21	16 50	1 27	5 39	1 6	5 0	2 32	8 20	0 33	15 9	1 51	23 16	13 9	23 23	23 22	16 5	0 58	4 16
M 8	9 20	10 34	4 42	1 18	1 31	21 44	1 23	16 40	1 27	5 44	1 6	5 1	2 32	8 21	0 33	15 8	1 51	23 16	13 8	23 24	23 22	16 3	0 55	4 16
T 9	9 42	5 0	5 0	1 20	1 41	22 2	1 26	16 30	1 28	5 49	1 6	5 3	2 32	8 22	0 33	15 8	1 51	23 16	13 8	23 24	23 22	16 1	0 52	4 16
W10	10 4	0n49	4 59	1 28	1 49	22 19	1 29	16 21	1 29	5 54	1 6	5 4	2 32	8 24	0 33	15 7	1 51	23 16	13 8	23 24	23 22	15 59	0 49	4 16
T 11	10 26	6 32	4 37	1 40	1 55	22 35	1 32	16 11	1 30	5 59	1 6	5 5	2 32	8 25	0 33	15 7	1 51	23 16	13 8	23 25	23 23	15 57	0 46	4 16
F 12	10 47	11 49	3 59	1 57	2 1	22 51	1 35	16 1	1 31	6 4	1 6	5 7	2 32	8 27	0 33	15 6	1 51	23 16	13 8	23 25	23 23	15 56	0 43	4 16
S 13	11 8	16 20	3 8	2 17	2 5	23 6	1 37	15 51	1 32	6 9	1 6	5 8	2 31	8 28	0 33	15 6	1 51	23 16	13 7	23 25	23 23	15 54	0 40	4 16
S 14	11 30	19 53	2 7	2 41	2 7	23 21	1 40	15 41	1 33	6 14	1 6	5 9	2 31	8 29	0 33	15 5	1 51	23 16	13 7	23 25	23 23	15 52	0 37	4 16
M15	11 51	22 17	1 1	3 8	2 9	23 35	1 43	15 31	1 34	6 18	1 6	5 10	2 31	8 31	0 33	15 5	1 51	23 16	13 7	23 26	23 23	15 50	0 34	4 16
T 16	12 12	23 29	0n 6	3 37	2 9	23 48	1 45	15 21	1 34	6 23	1 7	5 11	2 31	8 32	0 33	15 5	1 51	23 16	13 7	23 26	23 23	15 48	0 31	4 16
W17	12 32	23 30	1 11	4 9	2 9	24 1	1 48	15 11	1 35	6 28	1 7	5 12	2 31	8 34	0 33	15 4	1 51	23 16	13 6	23 26	23 23	15 46	0 28	4 16
T 18	12 53	22 23	2 12	4 42	2 7	24 13	1 50	15 1	1 36	6 33	1 7	5 13	2 31	8 35	0 33	15 4	1 51	23 16	13 6	23 26	23 23	15 44	0 25	4 16
F 19	13 13	20 18	3 6	5 17	2 5	24 24	1 53	14 51	1 37	6 38	1 7	5 14	2 30	8 36	0 33	15 3	1 51	23 16	13 6	23 26	23 24	15 42	0 22	4 17
S 20	13 33	17 21	3 52	5 53	2 3	24 35	1 55	14 41	1 38	6 43	1 7	5 15	2 30	8 38	0 33	15 3	1 51	23 16	13 6	23 26	23 24	15 41	0 19	4 17
S 21	13 53	13 42	4 28	6 30	1 59	24 45	1 57	14 31	1 39	6 47	1 7	5 16	2 30	8 39	0 33	15 2	1 51	23 16	13 5	23 26	23 24	15 39	0 17	4 17
M22	14 13	9 30	4 52	7 7	1 55	24 54	2 0	14 21	1 40	6 52	1 7	5 17	2 30	8 40	0 33	15 2	1 51	23 16	13 5	23 26	23 24	15 37	0 14	4 17
T 23	14 32	4 53	5 4	7 45	1 51	25 3	2 2	14 11	1 41	6 57	1 7	5 18	2 30	8 42	0 33	15 1	1 51	23 16	13 5	23 26	23 24	15 35	0 11	4 17
W24	14 51	0s 0	5 2	8 24	1 46	25 11	2 4	14 1	1 42	7 2	1 7	5 19	2 30	8 43	0 33	15 1	1 51	23 16	13 5	23 26	23 24	15 33	0 8	4 17
T 25	15 10	4 59	4 46	9 3	1 41	25 18	2 6	13 50	1 43	7 7	1 7	5 19	2 29	8 44	0 33	15 0	1 51	23 15	13 4	23 27	23 24	15 31	0 5	4 17
F 26	15 29	9 51	4 15	9 42	1 36	25 24	2 8	13 40	1 44	7 11	1 7	5 20	2 29	8 46	0 33	15 0	1 51	23 15	13 4	23 27	23 24	15 29	0 3	4 17
S 27	15 47	14 23	3 31	10 21	1 30	25 30	2 10	13 30	1 45	7 16	1 7	5 21	2 29	8 47	0 33	14 59	1 51	23 15	13 4	23 27	23 25	15 27	0s 0	4 18
S 28	16 5	18 19	2 34	10 59	1 24	25 35	2 12	13 20	1 46	7 21	1 7	5 21	2 29	8 48	0 33	14 59	1 51	23 15	13 3	23 27	23 25	15 25	0 3	4 18
M29	16 23	21 21	1 28	11 38	1 18	25 40	2 14	13 10	1 47	7 25	1 7	5 22	2 29	8 50	0 33	14 58	1 51	23 15	13 3	23 27	23 25	15 23	0 5	4 18
T 30	16 41	23 13	0 16	12 16	1 12	25 43	2 15	13 0	1 48	7 30	1 7	5 22	2 29	8 51	0 33	14 58	1 51	23 15	13 3	23 28	23 25	15 21	0 8	4 18
W31	16s58	23s44	0s57	12s54	1n 5	25s46	2s17	12n50	1n49	7s34	1n 7	5s23	2s28	8s52	0n33	14n57	1s51	23s14	13s 3	23n28	23n25	15n19	0s11	4s18

Julian Day Number = 2288929.5, Delta T = 169.65 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'38, Lahiri = 17°38'38 Julian Calendar 1 Oct. 1554 == Greg. Calendar 11 Oct. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

NOVEMBER 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 17 55	18♏ 4'29	27♉42	8♏43	29♐32	1♍32	22♎16	22°R 9	24♎12	16°R11	1°R 7	3♋12	4♋33	0♍33	20♍36	T 1
F 2	3 21 52	19° 5'02	11♒42	10°19	0♉43	2° 3	22°28	22♓ 7	24°16	16♉ 9	1♓ 7	3°13	4°29	0°40	20°42	F 2
S 3	3 25 48	20° 5'36	25°49	11°55	1°54	2°33	22°41	22° 6	24°19	16° 7	1° 7	3°R13	4°26	0°47	20°48	S 3
S 4	3 29 45	21° 6'12	10♓ 2	13°31	3° 5	3° 3	22°53	22° 5	24°23	16° 6	1° 7	3°11	4°23	0°53	20°54	S 4
M 5	3 33 42	22° 6'48	24°19	15° 7	4°16	3°33	23° 5	22° 3	24°26	16° 4	1°D 7	3° 8	4°20	1° 0	21° 0	M 5
T 6	3 37 38	23° 7'26	8♈36	16°42	5°27	4° 3	23°17	22° 2	24°30	16° 2	1° 7	3° 3	4°17	1° 7	21° 5	T 6
W 7	3 41 35	24° 8'05	22°50	18°18	6°37	4°33	23°29	22° 1	24°33	16° 1	1° 7	2°57	4°13	1°13	21°11	W 7
T 8	3 45 31	25° 8'46	6♉55	19°53	7°48	5° 3	23°41	22° 0	24°37	15°59	1° 7	2°50	4°10	1°20	21°17	T 8
F 9	3 49 28	26° 9'27	20°47	21°28	8°58	5°32	23°54	22° 0	24°40	15°57	1° 7	2°44	4° 7	1°27	21°22	F 9
S 10	3 53 24	27°10'10	4♊23	23° 3	10° 9	6° 1	24° 5	21°59	24°43	15°56	1° 7	2°40	4° 4	1°33	21°28	S 10
S 11	3 57 21	28°10'55	17°39	24°38	11°19	6°30	24°17	21°58	24°47	15°54	1° 7	2°37	4° 1	1°40	21°33	S 11
M12	4 1 17	29°11'40	0♋34	26°13	12°29	6°59	24°29	21°58	24°50	15°52	1° 8	2°D36	3°58	1°47	21°39	M12
T 13	4 5 14	0♐12'28	13°10	27°47	13°39	7°28	24°41	21°58	24°53	15°51	1° 8	2°37	3°54	1°54	21°44	T 13
W14	4 9 11	1°13'16	25°30	29°22	14°49	7°56	24°53	21°57	24°56	15°49	1° 8	2°38	3°51	2° 0	21°49	W14
T 15	4 13 7	2°14'06	7♌35	0♐56	15°59	8°24	25° 5	21°57	25° 0	15°47	1° 8	2°40	3°48	2° 7	21°54	T 15
F 16	4 17 4	3°14'58	19°31	2°31	17° 9	8°52	25°16	21°D57	25° 3	15°46	1° 8	2°42	3°45	2°14	21°59	F 16
S 17	4 21 0	4°15'51	1♍22	4° 5	18°19	9°20	25°28	21°57	25° 6	15°44	1° 9	2°R42	3°42	2°20	22° 4	S 17
S 18	4 24 57	5°16'45	13°14	5°39	19°28	9°48	25°39	21°58	25° 9	15°43	1° 9	2°42	3°39	2°27	22° 8	S 18
M19	4 28 53	6°17'40	25°11	7°14	20°38	10°15	25°51	21°58	25°12	15°41	1° 9	2°41	3°35	2°34	22°13	M19
T 20	4 32 50	7°18'37	7♎18	8°48	21°47	10°42	26° 2	21°58	25°15	15°39	1°10	2°38	3°32	2°40	22°18	T 20
W21	4 36 46	8°19'35	19°39	10°22	22°56	11° 9	26°13	21°59	25°18	15°38	1°10	2°34	3°29	2°47	22°22	W21
T 22	4 40 43	9°20'34	2♏17	11°56	24° 5	11°36	26°24	21°59	25°21	15°36	1°11	2°30	3°26	2°54	22°26	T 22
F 23	4 44 40	10°21'34	15°13	13°30	25°14	12° 2	26°36	22° 0	25°24	15°35	1°11	2°27	3°23	3° 1	22°31	F 23
S 24	4 48 36	11°22'36	28°29	15° 5	26°23	12°28	26°47	22° 1	25°27	15°33	1°11	2°24	3°19	3° 7	22°35	S 24
S 25	4 52 33	12°23'38	12♐ 2	16°39	27°32	12°54	26°58	22° 2	25°30	15°32	1°12	2°21	3°16	3°14	22°39	S 25
M26	4 56 29	13°24'41	25°51	18°14	28°40	13°20	27° 8	22° 3	25°33	15°30	1°12	2°D20	3°13	3°21	22°43	M26
T 27	5 0 26	14°25'45	9♉53	19°48	29°48	13°45	27°19	22° 4	25°36	15°29	1°13	2°20	3°10	3°27	22°46	T 27
W28	5 4 22	15°26'50	24° 4	21°23	0♒57	14°10	27°30	22° 5	25°38	15°28	1°14	2°21	3° 7	3°34	22°50	W28
T 29	5 8 19	16°27'55	8♒19	22°57	2° 5	14°35	27°41	22° 7	25°41	15°26	1°14	2°22	3° 4	3°41	22°54	T 29
F 30	5 12 16	17♐29'01	22♒36	24♐32	3♒13	15♍ 0	27♎51	22♓ 8	25♎44	15♉25	1♓15	2♋24	3♋ 0	3♍48	22♍57	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s15	22s46	2s 9	13s31	0n59	25s48	2s18	12n40	1n50	7s39	1n 7	5s23	2s28	8s54	0n33	14n57	1s51	23s14	13s 2	23n27	23n25	15n18	0s13	4s18
F 2	17 32	20 25	3 13	14 8	0 52	25 49	2 20	12 29	1 51	7 44	1 7	5 24	2 28	8 55	0 33	14 56	1 51	23 14	13 2	23 27	23 25	15 16	0 16	4 18
S 3	17 49	16 48	4 6	14 44	0 45	25 50	2 21	12 19	1 52	7 48	1 7	5 24	2 28	8 56	0 33	14 56	1 51	23 14	13 2	23 27	23 25	15 14	0 18	4 19
S 4	18 5	12 13	4 45	15 19	0 38	25 50	2 22	12 9	1 53	7 53	1 7	5 24	2 28	8 58	0 33	14 55	1 51	23 13	13 2	23 28	23 25	15 12	0 21	4 19
M 5	18 20	6 57	5 6	15 54	0 32	25 49	2 23	11 59	1 54	7 57	1 7	5 25	2 27	8 59	0 33	14 55	1 51	23 13	13 1	23 28	23 26	15 10	0 23	4 19
T 6	18 36	1 18	5 8	16 28	0 25	25 48	2 25	11 49	1 55	8 1	1 7	5 25	2 27	9 0	0 33	14 54	1 51	23 13	13 1	23 28	23 26	15 8	0 26	4 19
W 7	18 51	4n23	4 51	17 2	0 18	25 45	2 26	11 39	1 56	8 6	1 8	5 25	2 27	9 1	0 33	14 54	1 51	23 13	13 1	23 28	23 26	15 6	0 28	4 19
T 8	19 6	9 48	4 17	17 34	0 11	25 42	2 26	11 30	1 57	8 10	1 8	5 25	2 27	9 3	0 33	14 54	1 51	23 12	13 0	23 28	23 26	15 4	0 31	4 20
F 9	19 20	14 39	3 28	18 6	0 4	25 38	2 27	11 20	1 58	8 15	1 8	5 26	2 27	9 4	0 33	14 53	1 51	23 12	13 0	23 28	23 26	15 2	0 33	4 20
S 10	19 34	18 39	2 28	18 37	0s 2	25 34	2 28	11 10	1 59	8 19	1 8	5 26	2 26	9 5	0 33	14 53	1 51	23 12	13 0	23 28	23 26	15 0	0 35	4 20
S 11	19 48	21 35	1 21	19 7	0 9	25 29	2 28	11 0	2 0	8 23	1 8	5 26	2 26	9 6	0 33	14 52	1 51	23 11	13 0	23 28	23 26	14 58	0 38	4 20
M12	20 2	23 19	0 11	19 36	0 16	25 23	2 29	10 50	2 1	8 28	1 8	5 26	2 26	9 7	0 33	14 52	1 51	23 11	12 59	23 28	23 26	14 56	0 40	4 20
T 13	20 15	23 48	0n58	20 5	0 22	25 16	2 29	10 41	2 2	8 32	1 8	5 26	2 26	9 9	0 33	14 51	1 51	23 11	12 59	23 28	23 26	14 54	0 42	4 21
W14	20 27	23 5	2 2	20 32	0 29	25 9	2 29	10 31	2 3	8 36	1 8	5 25	2 25	9 10	0 33	14 51	1 51	23 10	12 59	23 28	23 26	14 52	0 44	4 21
T 15	20 39	21 19	3 0	20 58	0 35	25 1	2 30	10 21	2 4	8 40	1 8	5 25	2 25	9 11	0 33	14 50	1 51	23 10	12 58	23 28	23 27	14 50	0 46	4 21
F 16	20 51	18 37	3 49	21 24	0 42	24 52	2 30	10 12	2 5	8 44	1 8	5 25	2 25	9 12	0 33	14 50	1 51	23 10	12 58	23 28	23 27	14 48	0 49	4 21
S 17	21 3	15 11	4 28	21 48	0 48	24 43	2 30	10 2	2 6	8 49	1 8	5 25	2 25	9 13	0 33	14 49	1 51	23 9	12 58	23 28	23 27	14 46	0 51	4 21
S 18	21 14	11 9	4 56	22 11	0 54	24 33	2 29	9 53	2 7	8 53	1 8	5 25	2 25	9 14	0 33	14 49	1 51	23 9	12 58	23 28	23 27	14 44	0 53	4 22
M19	21 25	6 40	5 11	22 33	1 0	24 22	2 29	9 44	2 9	8 57	1 9	5 24	2 24	9 15	0 33	14 49	1 51	23 9	12 57	23 28	23 27	14 42	0 55	4 22
T 20	21 35	1 53	5 13	22 54	1 5	24 10	2 29	9 34	2 10	9 1	1 9	5 24	2 24	9 17	0 33	14 48	1 51	23 8	12 57	23 28	23 27	14 40	0 57	4 22
W21	21 45	3s 4	5 0	23 14	1 11	23 58	2 28	9 25	2 11	9 5	1 9	5 23	2 24	9 18	0 33	14 48	1 51	23 8	12 57	23 28	23 27	14 38	0 59	4 22
T 22	21 54	8 1	4 33	23 32	1 17	23 46	2 27	9 16	2 12	9 9	1 9	5 23	2 24	9 19	0 33	14 47	1 51	23 7	12 56	23 28	23 27	14 36	1 1	4 23
F 23	22 3	12 45	3 51	23 50	1 22	23 33	2 27	9 7	2 13	9 13	1 9	5 23	2 23	9 20	0 33	14 47	1 51	23 7	12 56	23 28	23 27	14 34	1 3	4 23
S 24	22 12	17 1	2 56	24 6	1 27	23 19	2 26	8 58	2 14	9 16	1 9	5 22	2 23	9 21	0 33	14 47	1 50	23 7	12 56	23 29	23 27	14 32	1 4	4 23
S 25	22 20	20 29	1 50	24 21	1 32	23 4	2 25	8 49	2 15	9 20	1 9	5 21	2 23	9 22	0 33	14 46	1 50	23 6	12 56	23 29	23 27	14 30	1 6	4 23
M26	22 28	22 50	0 36	24 35	1 36	22 49	2 23	8 40	2 17	9 24	1 9	5 21	2 23	9 23	0 33	14 46	1 50	23 6	12 55	23 29	23 27	14 28	1 8	4 24
T 27	22 35	23 49	0s42	24 47	1 41	22 33	2 22	8 31	2 18	9 28	1 9	5 20	2 23	9 24	0 33	14 45	1 50	23 5	12 55	23 29	23 28	14 26	1 10	4 24
W28	22 42	23 16	1 57	24 58	1 45	22 17	2 21	8 23	2 19	9 32	1 9	5 19	2 22	9 25	0 33	14 45	1 50	23 5	12 55	23 29	23 28	14 24	1 11	4 24
T 29	22 48	21 13	3 6	25 8	1 49	22 0	2 19	8 14	2 20	9 35	1 10	5 19	2 22	9 26	0 33	14 45	1 50	23 4	12 55	23 29	23 28	14 21	1 13	4 24
F 30	22s54	17s51	4s 3	25s16	1s53	21s43	2s17	8n 6	2n21	9s39	1n10	5s18	2s22	9s27	0n33	14n44	1s50	23s 4	12s54	23n29	23n28	14n19	1s15	4s25

Julian Day Number = 2288960.5, Delta T = 169.46 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'42, Lahiri = 17°38'43 Julian Calendar 1 Nov. 1554 == Greg. Calendar 11 Nov. 1554

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ASTRODIENST EPHEMERIS for the year 1554
geocentric

DECEMBER 1554 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 16 12	18♐30'07	6♓51	26♐ 7	4♒20	15♍24	28♎ 2	22♓10	25♎46	15°R23	1♓15	2♋24	2♋57	3♍54	23♍ 1	S 1
S 2	5 20 9	19°31'13	21° 2	27°42	5°28	15°48	28°12	22°12	25°49	15♉22	1°16	2°R25	2°54	4° 1	23° 4	S 2
M 3	5 24 5	20°32'19	5♈ 7	29°17	6°35	16°12	28°22	22°13	25°52	15°21	1°17	2°24	2°51	4° 8	23° 7	M 3
T 4	5 28 2	21°33'26	19° 4	0♊52	7°42	16°35	28°32	22°15	25°54	15°19	1°17	2°23	2°48	4°14	23°10	T 4
W 5	5 31 58	22°34'33	2♉51	2°27	8°49	16°58	28°43	22°17	25°57	15°18	1°18	2°22	2°44	4°21	23°13	W 5
T 6	5 35 55	23°35'40	16°27	4° 3	9°55	17°21	28°53	22°19	25°59	15°17	1°19	2°21	2°41	4°28	23°16	T 6
F 7	5 39 51	24°36'47	29°51	5°38	11° 2	17°44	29° 2	22°22	26° 2	15°16	1°20	2°20	2°38	4°34	23°19	F 7
S 8	5 43 48	25°37'55	13♊ 1	7°13	12° 8	18° 6	29°12	22°24	26° 4	15°14	1°21	2°19	2°35	4°41	23°21	S 8
S 9	5 47 45	26°39'03	25°57	8°48	13°14	18°28	29°22	22°26	26° 6	15°13	1°21	2°19	2°32	4°48	23°24	S 9
M10	5 51 41	27°40'11	8♋39	10°23	14°20	18°49	29°32	22°29	26° 9	15°12	1°22	2°D19	2°29	4°55	23°26	M10
T 11	5 55 38	28°41'20	21° 6	11°58	15°25	19°10	29°41	22°32	26°11	15°11	1°23	2°19	2°25	5° 1	23°28	T 11
W12	5 59 34	29°42'29	3♌21	13°32	16°30	19°31	29°50	22°34	26°13	15°10	1°24	2°19	2°22	5° 8	23°30	W12
T 13	6 3 31	0♍43'38	15°25	15° 6	17°35	19°52	29°59	22°37	26°15	15° 9	1°25	2°20	2°19	5°15	23°32	T 13
F 14	6 7 27	1°44'48	27°21	16°40	18°39	20°12	0♏ 9	22°40	26°17	15° 8	1°26	2°20	2°16	5°21	23°34	F 14
S 15	6 11 24	2°45'58	9♍13	18°12	19°44	20°31	0°18	22°43	26°19	15° 7	1°27	2°R20	2°13	5°28	23°36	S 15
S 16	6 15 20	3°47'08	21° 4	19°44	20°48	20°51	0°27	22°46	26°21	15° 6	1°28	2°20	2°10	5°35	23°38	S 16
M17	6 19 17	4°48'19	3♎ 0	21°15	21°51	21°10	0°36	22°50	26°23	15° 5	1°29	2°D20	2° 6	5°42	23°39	M17
T 18	6 23 14	5°49'30	15° 5	22°44	22°55	21°28	0°44	22°53	26°25	15° 4	1°30	2°20	2° 3	5°48	23°41	T 18
W19	6 27 10	6°50'41	27°24	24°12	23°58	21°46	0°53	22°56	26°27	15° 3	1°31	2°20	2° 0	5°55	23°42	W19
T 20	6 31 7	7°51'52	10♏ 0	25°38	25° 0	22° 4	1° 1	23° 0	26°29	15° 2	1°32	2°20	1°57	6° 2	23°43	T 20
F 21	6 35 3	8°53'04	22°58	27° 1	26° 3	22°21	1°10	23° 3	26°30	15° 1	1°33	2°21	1°54	6° 8	23°44	F 21
S 22	6 39 0	9°54'16	6♐20	28°21	27° 5	22°38	1°18	23° 7	26°32	15° 0	1°34	2°22	1°50	6°15	23°45	S 22
S 23	6 42 56	10°55'27	20° 5	29°38	28° 6	22°54	1°26	23°11	26°34	14°59	1°35	2°22	1°47	6°22	23°46	S 23
M24	6 46 53	11°56'39	4♑13	0♒51	29° 7	23°10	1°34	23°15	26°35	14°59	1°36	2°R23	1°44	6°29	23°47	M24
T 25	6 50 49	12°57'50	18°40	1°59	0♓ 8	23°26	1°42	23°19	26°37	14°58	1°38	2°22	1°41	6°35	23°47	T 25
W26	6 54 46	13°59'01	3♒19	3° 1	1° 9	23°40	1°49	23°23	26°38	14°57	1°39	2°21	1°38	6°42	23°48	W26
T 27	6 58 43	15° 0'12	18° 5	3°58	2° 8	23°55	1°57	23°27	26°40	14°57	1°40	2°20	1°35	6°49	23°48	T 27
F 28	7 2 39	16° 1'22	2♓49	4°47	3° 8	24° 9	2° 4	23°31	26°41	14°56	1°41	2°18	1°31	6°55	23°48	F 28
S 29	7 6 36	17° 2'31	17°25	5°28	4° 7	24°22	2°12	23°36	26°43	14°55	1°42	2°16	1°28	7° 2	23°R48	S 29
S 30	7 10 32	18° 3'40	1♈49	6° 1	5° 5	24°35	2°19	23°40	26°44	14°55	1°44	2°15	1°25	7° 9	23°48	S 30
M31	7 14 29	19♑ 4'47	15♈56	6♒23	6♓ 3	24♍47	2♏26	23♓44	26♎45	14♉54	1♓45	2°D14	1♋22	7♍15	23♍48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	13s26	4s46	25s23	1s56	21s25	2s16	7n57	2n23	9s43	1n10	5s17	2s22	9s28	0n33	14n44	1s50	23s 3	12s54	23n28	23n28	14n17	1s16	4s25
S 2	23 5	8 19	5 10	25 28	1 59	21 7	2 14	7 49	2 24	9 46	1 10	5 16	2 21	9 29	0 34	14 44	1 50	23 3	12 54	23 28	23 28	14 15	1 18	4 25
M 3	23 10	2 48	5 16	25 32	2 2	20 48	2 12	7 41	2 25	9 50	1 10	5 15	2 21	9 30	0 34	14 43	1 50	23 2	12 54	23 28	23 28	14 13	1 19	4 25
T 4	23 14	2n48	5 3	25 34	2 5	20 28	2 9	7 33	2 26	9 53	1 10	5 14	2 21	9 31	0 34	14 43	1 50	23 2	12 53	23 29	23 28	14 11	1 21	4 26
W 5	23 17	8 13	4 33	25 35	2 7	20 8	2 7	7 25	2 28	9 57	1 10	5 13	2 21	9 31	0 34	14 43	1 50	23 1	12 53	23 29	23 28	14 9	1 22	4 26
T 6	23 20	13 10	3 48	25 35	2 9	19 48	2 4	7 18	2 29	10 0	1 10	5 12	2 21	9 32	0 34	14 42	1 50	23 1	12 53	23 29	23 28	14 7	1 23	4 26
F 7	23 23	17 23	2 50	25 33	2 10	19 27	2 2	7 10	2 30	10 4	1 11	5 11	2 20	9 33	0 34	14 42	1 50	23 0	12 52	23 29	23 28	14 5	1 25	4 26
S 8	23 25	20 41	1 45	25 29	2 11	19 6	1 59	7 2	2 32	10 7	1 11	5 10	2 20	9 34	0 34	14 42	1 50	23 0	12 52	23 29	23 28	14 3	1 26	4 27
S 9	23 27	22 51	0 35	25 24	2 12	18 44	1 56	6 55	2 33	10 10	1 11	5 9	2 20	9 35	0 34	14 41	1 50	22 59	12 52	23 29	23 28	14 1	1 27	4 27
M10	23 29	23 48	0n35	25 17	2 12	18 22	1 53	6 48	2 34	10 13	1 11	5 8	2 20	9 36	0 34	14 41	1 50	22 59	12 52	23 29	23 28	13 59	1 28	4 27
T 11	23 29	23 31	1 42	25 8	2 11	18 0	1 50	6 41	2 36	10 17	1 11	5 6	2 19	9 36	0 34	14 41	1 50	22 58	12 51	23 29	23 28	13 56	1 30	4 27
W12	23 30	22 7	2 44	24 58	2 10	17 37	1 46	6 34	2 37	10 20	1 11	5 5	2 19	9 37	0 34	14 40	1 50	22 58	12 51	23 29	23 29	13 54	1 31	4 28
T 13	23 30	19 42	3 37	24 46	2 9	17 14	1 43	6 27	2 38	10 23	1 11	5 4	2 19	9 38	0 34	14 40	1 50	22 57	12 51	23 29	23 29	13 52	1 32	4 28
F 14	23 29	16 29	4 20	24 33	2 7	16 50	1 39	6 20	2 40	10 26	1 12	5 2	2 19	9 39	0 34	14 40	1 50	22 56	12 51	23 29	23 29	13 50	1 33	4 28
S 15	23 28	12 38	4 52	24 18	2 4	16 26	1 35	6 14	2 41	10 29	1 12	5 1	2 19	9 39	0 34	14 40	1 50	22 56	12 51	23 29	23 29	13 48	1 34	4 28
S 16	23 27	8 19	5 11	24 2	2 1	16 2	1 31	6 7	2 42	10 32	1 12	5 0	2 18	9 40	0 34	14 39	1 50	22 55	12 50	23 29	23 29	13 46	1 35	4 29
M17	23 25	3 39	5 17	23 44	1 57	15 38	1 27	6 1	2 44	10 35	1 12	4 58	2 18	9 41	0 34	14 39	1 50	22 55	12 50	23 29	23 29	13 44	1 35	4 29
T 18	23 22	1s12	5 10	23 25	1 52	15 13	1 23	5 55	2 45	10 38	1 12	4 57	2 18	9 42	0 34	14 39	1 49	22 54	12 50	23 29	23 29	13 42	1 36	4 29
W19	23 19	6 6	4 48	23 5	1 47	14 48	1 18	5 49	2 47	10 41	1 12	4 55	2 18	9 42	0 34	14 39	1 49	22 54	12 50	23 29	23 29	13 39	1 37	4 29
T 20	23 16	10 52	4 11	22 43	1 40	14 22	1 14	5 44	2 48	10 43	1 13	4 53	2 18	9 43	0 34	14 38	1 49	22 53	12 49	23 29	23 29	13 37	1 38	4 30
F 21	23 12	15 18	3 22	22 20	1 33	13 57	1 9	5 38	2 49	10 46	1 13	4 52	2 17	9 43	0 34	14 38	1 49	22 52	12 49	23 29	23 29	13 35	1 38	4 30
S 22	23 8	19 8	2 20	21 56	1 25	13 31	1 4	5 33	2 51	10 49	1 13	4 50	2 17	9 44	0 34	14 38	1 49	22 52	12 49	23 29	23 29	13 33	1 39	4 30
S 23	23 3	22 0	1 8	21 31	1 16	13 5	0 59	5 28	2 52	10 52	1 13	4 49	2 17	9 45	0 34	14 38	1 49	22 51	12 49	23 29	23 29	13 31	1 39	4 31
M24	22 58	23 36	0s10	21 5	1 6	12 38	0 54	5 23	2 54	10 54	1 13	4 47	2 17	9 45	0 34	14 38	1 49	22 51	12 49	23 29	23 29	13 29	1 40	4 31
T 25	22 52	23 40	1 29	20 39	0 55	12 12	0 48	5 18	2 55	10 57	1 13	4 45	2 17	9 46	0 34	14 38	1 49	22 50	12 48	23 29	23 29	13 26	1 40	4 31
W26	22 46	22 6	2 43	20 13	0 43	11 45	0 43	5 13	2 57	10 59	1 14	4 43	2 16	9 46	0 34	14 37	1 49	22 49	12 48	23 29	23 29	13 24	1 41	4 31
T 27	22 39	19 2	3 47	19 47	0 30	11 19	0 37	5 9	2 58	11 2	1 14	4 41	2 16	9 47	0 34	14 37	1 49	22 49	12 48	23 29	23 29	13 22	1 41	4 32
F 28	22 32	14 46	4 35	19 22	0 15	10 52	0 31	5 5	3 0	11 4	1 14	4 40	2 16	9 47	0 34	14 37	1 49	22 48	12 48	23 29	23 29	13 20	1 41	4 32
S 29	22 24	9 40	5 6	18 57	0 0	10 25	0 25	5 1	3 1	11 6	1 14	4 38	2 16	9 48	0 34	14 37	1 49	22 47	12 48	23 29	23 29	13 18	1 42	4 32
S 30	22 17	4 6	5 16	18 33	0n16	9 57	0 19	4 57	3 3	11 9	1 14	4 36	2 16	9 48	0 34	14 37	1 49	22 47	12 47	23 29	23 29	13 16	1 42	4 32
M31	22s 8	1n33	5s 7	18s11	0n33	9s30	0s12	4n54	3n 4	11s11	1n14	4s34	2s15	9s48	0n34	14n37	1s49	22s46	12s47	23n29	23n29	13n13	1s42	4s32

Julian Day Number = 2288990.5, Delta T = 169.29 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'46, Lahiri = 17°38'47 Julian Calendar 1 Dec. 1554 == Greg. Calendar 11 Dec. 1554

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

JANUARY 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 18 25	20♉ 5'54	29♈45	6♒35	7♓ 1	24♍59	2♏33	23♓49	26♎46	14°R54	1♓46	2♋15	1♋19	7♍22	23°R48	T 1
W 2	7 22 22	21° 7'00	13♉17	6°R36	7°58	25°10	2°39	23°54	26°47	14♉53	1°47	2°16	1°16	7°29	23♍47	W 2
T 3	7 26 18	22° 8'06	26°32	6°26	8°54	25°21	2°46	23°58	26°48	14°53	1°49	2°17	1°12	7°36	23°47	T 3
F 4	7 30 15	23° 9'10	9♊32	6° 3	9°49	25°31	2°52	24° 3	26°50	14°52	1°50	2°19	1° 9	7°42	23°46	F 4
S 5	7 34 12	24°10'14	22°19	5°30	10°44	25°40	2°58	24° 8	26°50	14°52	1°51	2°20	1° 6	7°49	23°45	S 5
S 6	7 38 8	25°11'16	4♋54	4°45	11°39	25°49	3° 5	24°13	26°51	14°52	1°53	2°R20	1° 3	7°56	23°44	S 6
M 7	7 42 5	26°12'18	17°17	3°51	12°33	25°58	3°11	24°18	26°52	14°51	1°54	2°19	1° 0	8° 2	23°43	M 7
T 8	7 46 1	27°13'19	29°32	2°48	13°26	26° 5	3°16	24°23	26°53	14°51	1°56	2°17	0°57	8° 9	23°42	T 8
W 9	7 49 58	28°14'19	11♌38	1°39	14°18	26°12	3°22	24°28	26°54	14°51	1°57	2°14	0°53	8°16	23°41	W 9
T 10	7 53 54	29°15'19	23°38	0°25	15° 9	26°19	3°27	24°34	26°54	14°51	1°58	2° 9	0°50	8°23	23°40	T 10
F 11	7 57 51	0♒16'17	5♍32	29♉ 9	16° 0	26°25	3°33	24°39	26°55	14°50	2° 0	2° 4	0°47	8°29	23°38	F 11
S 12	8 1 48	1°17'15	17°24	27°54	16°50	26°30	3°38	24°44	26°56	14°50	2° 1	1°59	0°44	8°36	23°37	S 12
S 13	8 5 44	2°18'12	29°15	26°40	17°39	26°34	3°43	24°50	26°56	14°50	2° 3	1°54	0°41	8°43	23°35	S 13
M14	8 9 41	3°19'08	11♎10	25°31	18°27	26°38	3°48	24°55	26°57	14°50	2° 4	1°50	0°37	8°49	23°33	M14
T 15	8 13 37	4°20'04	23°13	24°28	19°15	26°41	3°52	25° 1	26°57	14°50	2° 6	1°48	0°34	8°56	23°31	T 15
W16	8 17 34	5°20'58	5♏27	23°31	20° 1	26°43	3°57	25° 7	26°57	14°D50	2° 7	1°D47	0°31	9° 3	23°29	W16
T 17	8 21 30	6°21'52	17°58	22°43	20°46	26°45	4° 1	25°13	26°58	14°50	2° 9	1°48	0°28	9°10	23°27	T 17
F 18	8 25 27	7°22'45	0♐50	22° 3	21°31	26°46	4° 6	25°18	26°58	14°50	2°10	1°49	0°25	9°16	23°25	F 18
S 19	8 29 23	8°23'38	14° 6	21°31	22°14	26°R46	4°10	25°24	26°58	14°50	2°12	1°51	0°22	9°23	23°23	S 19
S 20	8 33 20	9°24'29	27°51	21° 8	22°56	26°45	4°13	25°30	26°58	14°50	2°13	1°R52	0°18	9°30	23°20	S 20
M21	8 37 17	10°25'20	12♑ 3	20°53	23°37	26°44	4°17	25°36	26°58	14°50	2°15	1°52	0°15	9°36	23°18	M21
T 22	8 41 13	11°26'09	26°40	20°D46	24°17	26°42	4°20	25°42	26°R58	14°51	2°16	1°49	0°12	9°43	23°15	T 22
W23	8 45 10	12°26'57	11♒37	20°46	24°56	26°39	4°24	25°48	26°58	14°51	2°18	1°45	0° 9	9°50	23°12	W23
T 24	8 49 6	13°27'44	26°46	20°54	25°33	26°35	4°27	25°55	26°58	14°51	2°19	1°39	0° 6	9°57	23°10	T 24
F 25	8 53 3	14°28'29	11♓56	21° 9	26° 9	26°30	4°30	26° 1	26°58	14°51	2°21	1°33	0° 2	10° 3	23° 7	F 25
S 26	8 56 59	15°29'13	26°57	21°29	26°44	26°25	4°33	26° 7	26°58	14°52	2°23	1°26	29♊59	10°10	23° 4	S 26
S 27	9 0 56	16°29'55	11♈41	21°56	27°17	26°19	4°35	26°13	26°58	14°52	2°24	1°20	29°56	10°17	23° 0	S 27
M28	9 4 52	17°30'35	26° 2	22°27	27°49	26°12	4°38	26°20	26°57	14°53	2°26	1°16	29°53	10°23	22°57	M28
T 29	9 8 49	18°31'14	9♉58	23° 3	28°19	26° 5	4°40	26°26	26°57	14°53	2°27	1°14	29°50	10°30	22°54	T 29
W30	9 12 46	19°31'51	23°28	23°44	28°47	25°56	4°42	26°33	26°56	14°54	2°29	1°D14	29°47	10°37	22°51	W30
T 31	9 16 42	20♒32'26	6♊35	24♉29	29♓14	25♍47	4♏44	26♓39	26♎56	14♉54	2♓31	1♋15	29♊43	10♍44	22♍47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s59	7n 2	4s40	17s51	0n51	9s 3	0s 6	4n50	3n 6	11s13	1n15	4s32	2s15	9s49	0n34	14n37	1s49	22s46	12s47	23n29	23n29	13n11	1s42	4s33
W 2	21 50	12 4	3 59	17 33	1 9	8 36	0n 1	4 47	3 7	11 15	1 15	4 30	2 15	9 49	0 34	14 37	1 49	22 45	12 47	23 29	23 29	13 9	1 42	4 33
T 3	21 40	16 26	3 5	17 18	1 27	8 8	0 8	4 45	3 9	11 17	1 15	4 28	2 15	9 50	0 34	14 37	1 49	22 44	12 47	23 29	23 29	13 7	1 42	4 33
F 4	21 30	19 55	2 2	17 6	1 46	7 41	0 15	4 42	3 11	11 19	1 15	4 26	2 15	9 50	0 34	14 37	1 48	22 44	12 47	23 29	23 30	13 5	1 42	4 33
S 5	21 20	22 22	0 55	16 56	2 4	7 13	0 22	4 40	3 12	11 21	1 15	4 24	2 15	9 50	0 34	14 36	1 48	22 43	12 46	23 29	23 30	13 2	1 42	4 34
S 6	21 9	23 38	0n14	16 50	2 22	6 46	0 29	4 37	3 14	11 23	1 16	4 21	2 14	9 51	0 34	14 36	1 48	22 42	12 46	23 29	23 30	13 0	1 42	4 34
M 7	20 58	23 43	1 21	16 47	2 38	6 18	0 37	4 36	3 15	11 25	1 16	4 19	2 14	9 51	0 34	14 36	1 48	22 42	12 46	23 29	23 30	12 58	1 42	4 34
T 8	20 46	22 39	2 24	16 46	2 53	5 51	0 44	4 34	3 17	11 27	1 16	4 17	2 14	9 51	0 34	14 36	1 48	22 41	12 46	23 29	23 30	12 56	1 41	4 34
W 9	20 34	20 31	3 19	16 49	3 6	5 23	0 52	4 33	3 18	11 28	1 16	4 15	2 14	9 51	0 34	14 36	1 48	22 40	12 46	23 29	23 30	12 53	1 41	4 34
T 10	20 21	17 32	4 5	16 54	3 17	4 56	1 0	4 31	3 20	11 30	1 16	4 13	2 14	9 52	0 34	14 36	1 48	22 40	12 46	23 29	23 30	12 51	1 41	4 35
F 11	20 8	13 50	4 40	17 1	3 26	4 29	1 8	4 31	3 21	11 32	1 17	4 10	2 14	9 52	0 34	14 36	1 48	22 39	12 46	23 29	23 30	12 49	1 40	4 35
S 12	19 55	9 38	5 2	17 10	3 32	4 2	1 17	4 30	3 23	11 33	1 17	4 8	2 13	9 52	0 34	14 36	1 48	22 38	12 46	23 29	23 30	12 47	1 40	4 35
S 13	19 42	5 4	5 12	17 21	3 35	3 35	1 25	4 30	3 25	11 35	1 17	4 6	2 13	9 52	0 34	14 36	1 48	22 38	12 45	23 29	23 30	12 45	1 39	4 35
M14	19 28	0 18	5 8	17 32	3 37	3 8	1 34	4 30	3 26	11 36	1 17	4 3	2 13	9 52	0 34	14 36	1 48	22 37	12 45	23 29	23 30	12 42	1 39	4 35
T 15	19 13	4s32	4 51	17 45	3 36	2 42	1 43	4 30	3 28	11 38	1 17	4 1	2 13	9 52	0 35	14 37	1 48	22 37	12 45	23 29	23 30	12 40	1 38	4 35
W16	18 59	9 17	4 20	17 57	3 32	2 15	1 52	4 30	3 29	11 39	1 18	3 59	2 13	9 53	0 35	14 37	1 48	22 36	12 45	23 29	23 30	12 38	1 38	4 36
T 17	18 44	13 45	3 37	18 10	3 27	1 49	2 1	4 31	3 31	11 40	1 18	3 56	2 13	9 53	0 35	14 37	1 48	22 35	12 45	23 29	23 30	12 36	1 37	4 36
F 18	18 28	17 45	2 41	18 23	3 21	1 23	2 10	4 32	3 32	11 41	1 18	3 54	2 13	9 53	0 35	14 37	1 48	22 35	12 45	23 29	23 30	12 33	1 36	4 36
S 19	18 13	20 58	1 35	18 36	3 13	0 57	2 19	4 34	3 34	11 43	1 18	3 51	2 12	9 53	0 35	14 37	1 48	22 34	12 45	23 29	23 30	12 31	1 35	4 36
S 20	17 57	23 7	0 22	18 48	3 4	0 32	2 29	4 35	3 35	11 44	1 18	3 49	2 12	9 53	0 35	14 37	1 47	22 33	12 45	23 29	23 30	12 29	1 34	4 36
M21	17 40	23 52	0s55	19 1	2 54	0 7	2 39	4 37	3 37	11 45	1 19	3 46	2 12	9 53	0 35	14 37	1 47	22 33	12 45	23 29	23 30	12 26	1 34	4 36
T 22	17 24	23 1	2 11	19 12	2 43	0n18	2 49	4 39	3 38	11 46	1 19	3 44	2 12	9 53	0 35	14 37	1 47	22 32	12 45	23 29	23 30	12 24	1 33	4 36
W23	17 7	20 31	3 19	19 23	2 32	0 43	2 59	4 42	3 40	11 47	1 19	3 41	2 12	9 53	0 35	14 37	1 47	22 31	12 44	23 29	23 30	12 22	1 32	4 36
T 24	16 49	16 36	4 14	19 33	2 21	1 7	3 9	4 45	3 41	11 48	1 19	3 39	2 12	9 53	0 35	14 37	1 47	22 31	12 44	23 29	23 30	12 20	1 31	4 37
F 25	16 32	11 35	4 51	19 42	2 9	1 31	3 19	4 48	3 43	11 48	1 19	3 36	2 12	9 53	0 35	14 38	1 47	22 30	12 44	23 29	23 30	12 17	1 30	4 37
S 26	16 14	5 55	5 8	19 51	1 57	1 54	3 30	4 51	3 44	11 49	1 20	3 34	2 12	9 52	0 35	14 38	1 47	22 29	12 44	23 29	23 30	12 15	1 28	4 37
S 27	15 56	0 2	5 4	19 58	1 45	2 17	3 40	4 55	3 45	11 50	1 20	3 31	2 11	9 52	0 35	14 38	1 47	22 29	12 44	23 29	23 30	12 13	1 27	4 37
M28	15 37	5n43	4 41	20 5	1 34	2 39	3 51	4 59	3 47	11 50	1 20	3 28	2 11	9 52	0 35	14 38	1 47	22 28	12 44	23 29	23 30	12 10	1 26	4 37
T 29	15 19	11 1	4 1	20 10	1 22	3 1	4 2	5 3	3 48	11 51	1 20	3 26	2 11	9 52	0 35	14 38	1 47	22 27	12 44	23 29	23 30	12 8	1 25	4 37
W30	15 0	15 38	3 10	20 15	1 11	3 23	4 13	5 7	3 49	11 51	1 20	3 23	2 11	9 52	0 35	14 38	1 47	22 27	12 44	23 29	23 30	12 6	1 23	4 37
T 31	14s41	19n20	2s 9	20s18	0n59	3n43	4n24	5n12	3n50	11s52	1n21	3s20	2s11	9s52	0n35	14n39	1s47	22s26	12s44	23n29	23n30	12n 4	1s22	4s37

Julian Day Number = 2289021.5, Delta T = 169.11 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'51, Lahiri = 17°38'51 Julian Calendar 1 Jan. 1555 == Greg. Calendar 11 Jan. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

FEBRUARY 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 20 39	21♒33'00	19♊23	25♉18	29♓39	25°R37	4♏45	26♓46	26°R55	14♉55	2♓32	1♋16	29♊40	10♍50	22°R44	F 1
S 2	9 24 35	22°33'31	1♋54	26°10	0♈ 2	25♍26	4°47	26°52	26♎55	14°55	2°34	1°R17	29°37	10°57	22♍40	S 2
S 3	9 28 32	23°34'01	14°13	27° 5	0°23	25°15	4°48	26°59	26°54	14°56	2°35	1°16	29°34	11° 4	22°36	S 3
M 4	9 32 28	24°34'29	26°22	28° 3	0°43	25° 2	4°49	27° 6	26°53	14°56	2°37	1°12	29°31	11°10	22°32	M 4
T 5	9 36 25	25°34'56	8♌25	29° 4	1° 0	24°49	4°50	27°13	26°53	14°57	2°39	1° 7	29°28	11°17	22°29	T 5
W 6	9 40 21	26°35'20	20°22	0♒ 8	1°15	24°36	4°51	27°19	26°52	14°58	2°40	0°58	29°24	11°24	22°25	W 6
T 7	9 44 18	27°35'43	2♍17	1°13	1°28	24°21	4°51	27°26	26°51	14°59	2°42	0°48	29°21	11°31	22°21	T 7
F 8	9 48 15	28°36'04	14° 9	2°21	1°39	24° 6	4°52	27°33	26°50	14°59	2°44	0°36	29°18	11°37	22°17	F 8
S 9	9 52 11	29°36'24	26° 2	3°31	1°48	23°50	4°R52	27°40	26°49	15° 0	2°45	0°25	29°15	11°44	22°12	S 9
S 10	9 56 8	0♓36'42	7♎55	4°43	1°54	23°34	4°52	27°47	26°48	15° 1	2°47	0°14	29°12	11°51	22° 8	S 10
M11	10 0 4	1°36'58	19°52	5°57	1°58	23°16	4°51	27°54	26°47	15° 2	2°48	0° 4	29° 8	11°57	22° 4	M11
T 12	10 4 1	2°37'13	1♏56	7°13	1°R59	22°59	4°51	28° 1	26°46	15° 3	2°50	29♊57	29° 5	12° 4	22° 0	T 12
W13	10 7 57	3°37'26	14° 9	8°30	1°58	22°40	4°50	28° 8	26°45	15° 4	2°52	29°53	29° 2	12°11	21°55	W13
T 14	10 11 54	4°37'37	26°36	9°49	1°55	22°21	4°50	28°15	26°44	15° 5	2°53	29°51	28°59	12°18	21°51	T 14
F 15	10 15 50	5°37'48	9♐22	11° 9	1°49	22° 1	4°49	28°22	26°42	15° 6	2°55	29°D51	28°56	12°24	21°46	F 15
S 16	10 19 47	6°37'56	22°30	12°31	1°41	21°41	4°48	28°29	26°41	15° 7	2°57	29°51	28°53	12°31	21°42	S 16
S 17	10 23 43	7°38'03	6♑ 5	13°54	1°30	21°20	4°46	28°37	26°40	15° 8	2°58	29°R51	28°49	12°38	21°37	S 17
M18	10 27 40	8°38'09	20° 9	15°18	1°17	20°59	4°45	28°44	26°38	15° 9	3° 0	29°49	28°46	12°45	21°33	M18
T 19	10 31 37	9°38'13	4♒40	16°44	1° 1	20°38	4°43	28°51	26°37	15°10	3° 2	29°45	28°43	12°51	21°28	T 19
W20	10 35 33	10°38'15	19°37	18°11	0°43	20°16	4°41	28°58	26°36	15°11	3° 3	29°39	28°40	12°58	21°24	W20
T 21	10 39 30	11°38'15	4♓51	19°40	0°22	19°53	4°39	29° 6	26°34	15°12	3° 5	29°30	28°37	13° 5	21°19	T 21
F 22	10 43 26	12°38'14	20°12	21° 9	29♓59	19°31	4°37	29°13	26°32	15°14	3° 7	29°19	28°34	13°11	21°14	F 22
S 23	10 47 23	13°38'10	5♈28	22°40	29°34	19° 8	4°34	29°20	26°31	15°15	3° 8	29° 8	28°30	13°18	21° 9	S 23
S 24	10 51 19	14°38'04	20°29	24°12	29° 7	18°45	4°32	29°28	26°29	15°16	3°10	28°58	28°27	13°25	21° 5	S 24
M25	10 55 16	15°37'56	5♉ 6	25°45	28°38	18°21	4°29	29°35	26°27	15°18	3°11	28°51	28°24	13°32	21° 0	M25
T 26	10 59 12	16°37'46	19°13	27°20	28° 7	17°58	4°26	29°42	26°26	15°19	3°13	28°46	28°21	13°38	20°55	T 26
W27	11 3 9	17°37'34	2♊52	28°56	27°34	17°34	4°22	29°50	26°24	15°20	3°15	28°43	28°18	13°45	20°50	W27
T 28	11 7 6	18♓37'20	16♊ 2	0♓33	27♓ 0	17♍11	4♏19	29♓57	26♎22	15♉22	3♓16	28°D43	28♊14	13♍52	20♍46	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s21	22n 1	1s 4	20s21	0n48	4n 4	4n35	5n17	3n51	11s52	1n21	3s17	2s11	9s51	0n35	14n39	1s47	22s26	12s44	23n29	23n30	12n 1	1s21	4s37	F 1
S 2	14 2	23 32	0n 3	20 22	0 37	4 23	4 46	5 22	3 53	11 52	1 21	3 15	2 11	9 51	0 35	14 39	1 47	22 25	12 44	23 29	23 30	11 59	1 19	4 37	S 2
S 3	13 42	23 53	1 9	20 22	0 26	4 42	4 57	5 28	3 54	11 53	1 21	3 12	2 11	9 51	0 35	14 39	1 47	22 24	12 44	23 29	23 30	11 57	1 18	4 37	S 3
M 4	13 22	23 4	2 11	20 20	0 16	5 0	5 9	5 34	3 55	11 53	1 21	3 9	2 11	9 51	0 35	14 40	1 47	22 24	12 44	23 30	23 30	11 54	1 16	4 37	M 4
T 5	13 1	21 11	3 5	20 18	0 6	5 17	5 20	5 40	3 56	11 53	1 22	3 6	2 11	9 50	0 35	14 40	1 46	22 23	12 44	23 30	23 30	11 52	1 15	4 37	T 5
W 6	12 41	18 23	3 52	20 14	0s 4	5 34	5 31	5 46	3 56	11 53	1 22	3 4	2 10	9 50	0 35	14 40	1 46	22 23	12 44	23 30	23 30	11 50	1 13	4 37	W 6
T 7	12 20	14 51	4 27	20 9	0 13	5 49	5 43	5 53	3 57	11 53	1 22	3 1	2 10	9 50	0 35	14 40	1 46	22 22	12 44	23 30	23 30	11 47	1 12	4 37	T 7
F 8	11 59	10 43	4 51	20 3	0 23	6 4	5 54	5 59	3 58	11 53	1 22	2 58	2 10	9 49	0 35	14 41	1 46	22 21	12 44	23 30	23 30	11 45	1 10	4 37	F 8
S 9	11 38	6 12	5 3	19 55	0 31	6 18	6 5	6 6	3 59	11 53	1 23	2 55	2 10	9 49	0 35	14 41	1 46	22 21	12 44	23 30	23 30	11 43	1 8	4 37	S 9
S 10	11 17	1 27	5 1	19 46	0 40	6 30	6 16	6 14	3 59	11 52	1 23	2 52	2 10	9 49	0 35	14 41	1 46	22 20	12 44	23 30	23 30	11 40	1 7	4 37	S 10
M11	10 56	3s23	4 46	19 36	0 48	6 42	6 27	6 21	4 0	11 52	1 23	2 50	2 10	9 48	0 35	14 42	1 46	22 20	12 44	23 30	23 30	11 38	1 5	4 37	M11
T 12	10 34	8 8	4 18	19 25	0 56	6 52	6 38	6 28	4 1	11 52	1 23	2 47	2 10	9 48	0 35	14 42	1 46	22 19	12 44	23 30	23 30	11 36	1 3	4 37	T 12
W13	10 12	12 39	3 38	19 12	1 3	7 2	6 49	6 36	4 1	11 51	1 23	2 44	2 10	9 47	0 35	14 42	1 46	22 18	12 44	23 30	23 30	11 33	1 1	4 36	W13
T 14	9 50	16 44	2 47	18 58	1 11	7 10	6 59	6 44	4 1	11 51	1 24	2 41	2 10	9 47	0 35	14 43	1 46	22 18	12 44	23 30	23 30	11 31	0 59	4 36	T 14
F 15	9 28	20 9	1 47	18 43	1 17	7 17	7 9	6 52	4 2	11 51	1 24	2 38	2 10	9 47	0 35	14 43	1 46	22 17	12 44	23 30	23 30	11 29	0 58	4 36	F 15
S 16	9 6	22 38	0 39	18 26	1 24	7 23	7 19	7 0	4 2	11 50	1 24	2 35	2 10	9 46	0 35	14 43	1 46	22 17	12 44	23 30	23 30	11 26	0 56	4 36	S 16
S 17	8 44	23 54	0s33	18 8	1 30	7 27	7 29	7 8	4 2	11 49	1 24	2 32	2 10	9 46	0 35	14 44	1 46	22 16	12 44	23 30	23 30	11 24	0 54	4 36	S 17
M18	8 21	23 43	1 46	17 49	1 36	7 30	7 38	7 17	4 2	11 49	1 24	2 29	2 10	9 45	0 35	14 44	1 46	22 16	12 44	23 30	23 29	11 21	0 52	4 36	M18
T 19	7 58	21 57	2 54	17 28	1 41	7 32	7 47	7 25	4 2	11 48	1 25	2 26	2 10	9 44	0 35	14 44	1 46	22 15	12 44	23 30	23 29	11 19	0 50	4 36	T 19
W20	7 36	18 38	3 52	17 6	1 46	7 32	7 55	7 34	4 1	11 47	1 25	2 23	2 10	9 44	0 35	14 45	1 46	22 14	12 45	23 30	23 29	11 17	0 48	4 35	W20
T 21	7 13	14 0	4 34	16 42	1 51	7 31	8 2	7 42	4 1	11 46	1 25	2 20	2 10	9 43	0 35	14 45	1 45	22 14	12 45	23 30	23 29	11 14	0 46	4 35	T 21
F 22	6 50	8 27	4 58	16 18	1 55	7 28	8 9	7 51	4 1	11 45	1 25	2 17	2 10	9 43	0 35	14 46	1 45	22 13	12 45	23 30	23 29	11 12	0 44	4 35	F 22
S 23	6 27	2 24	4 59	15 52	1 59	7 24	8 16	8 0	4 0	11 44	1 25	2 15	2 9	9 42	0 35	14 46	1 45	22 13	12 45	23 30	23 29	11 9	0 42	4 35	S 23
S 24	6 4	3n41	4 41	15 24	2 2	7 19	8 21	8 8	4 0	11 43	1 25	2 12	2 9	9 42	0 35	14 47	1 45	22 12	12 45	23 30	23 29	11 7	0 40	4 35	S 24
M25	5 41	9 25	4 4	14 56	2 5	7 11	8 26	8 17	3 59	11 42	1 26	2 9	2 9	9 41	0 35	14 47	1 45	22 12	12 45	23 30	23 29	11 5	0 38	4 34	M25
T 26	5 17	14 29	3 13	14 26	2 8	7 3	8 30	8 25	3 58	11 41	1 26	2 6	2 9	9 40	0 35	14 47	1 45	22 11	12 45	23 29	23 29	11 2	0 35	4 34	T 26
W27	4 54	18 37	2 12	13 54	2 10	6 53	8 34	8 34	3 57	11 40	1 26	2 3	2 9	9 40	0 35	14 48	1 45	22 11	12 45	23 29	23 29	11 0	0 33	4 34	W27
T 28	4s31	21n40	1s 7	13s22	2s12	6n42	8n36	8n42	3n56	11s38	1n26	2s 0	2s 9	9s39	0n35	14n48	1s45	22s10	12s45	23n29	23n29	10n57	0s31	4s33	T 28

Julian Day Number = 2289052.5, Delta T = 168.93 sec
Ecliptic obliquity = 23°29'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'55, Lahiri = 17°38'55 Julian Calendar 1 Feb. 1555 == Greg. Calendar 11 Feb. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

MARCH 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 11 2	19♓37'03	28♊48	2♓11	26°R25	16°R47	4°R16	0♈ 5	26°R20	15♉23	3♓18	28°R43	28♊11	13♍58	20°R41	F 1
S 2	11 14 59	20°36'44	11♋15	3°50	25♓49	16♍24	4♏12	0°12	26♎18	15°24	3°19	28♊42	28° 8	14° 5	20♍36	S 2
S 3	11 18 55	21°36'22	23°27	5°31	25°12	16° 0	4° 8	0°20	26°17	15°26	3°21	28°40	28° 5	14°12	20°31	S 3
M 4	11 22 52	22°35'59	5♌29	7°12	24°34	15°37	4° 4	0°27	26°15	15°27	3°23	28°36	28° 2	14°19	20°26	M 4
T 5	11 26 48	23°35'33	17°25	8°55	23°56	15°14	4° 0	0°35	26°13	15°29	3°24	28°28	27°59	14°25	20°21	T 5
W 6	11 30 45	24°35'04	29°17	10°40	23°18	14°51	3°55	0°42	26°11	15°31	3°26	28°18	27°55	14°32	20°17	W 6
T 7	11 34 41	25°34'34	11♍ 8	12°25	22°41	14°28	3°51	0°50	26° 9	15°32	3°27	28° 5	27°52	14°39	20°12	T 7
F 8	11 38 38	26°34'02	23° 1	14°12	22° 4	14° 6	3°46	0°57	26° 6	15°34	3°29	27°51	27°49	14°45	20° 7	F 8
S 9	11 42 35	27°33'27	4♎56	16° 0	21°27	13°44	3°41	1° 5	26° 4	15°35	3°30	27°36	27°46	14°52	20° 2	S 9
S 10	11 46 31	28°32'50	16°55	17°50	20°52	13°22	3°36	1°12	26° 2	15°37	3°32	27°22	27°43	14°59	19°58	S 10
M11	11 50 28	29°32'12	28°59	19°41	20°18	13° 1	3°31	1°20	26° 0	15°39	3°33	27°10	27°39	15° 6	19°53	M11
T 12	11 54 24	0♈31'31	11♏ 9	21°33	19°45	12°41	3°26	1°27	25°58	15°40	3°35	27° 1	27°36	15°12	19°48	T 12
W13	11 58 21	1°30'49	23°28	23°26	19°14	12°20	3°21	1°35	25°56	15°42	3°36	26°55	27°33	15°19	19°43	W13
T 14	12 2 17	2°30'05	5♐59	25°21	18°44	12° 1	3°15	1°42	25°53	15°44	3°38	26°51	27°30	15°26	19°39	T 14
F 15	12 6 14	3°29'19	18°45	27°17	18°17	11°41	3° 9	1°50	25°51	15°46	3°39	26°50	27°27	15°32	19°34	F 15
S 16	12 10 10	4°28'31	1♑50	29°15	17°51	11°23	3° 4	1°57	25°49	15°47	3°41	26°50	27°24	15°39	19°30	S 16
S 17	12 14 7	5°27'42	15°18	1♈13	17°28	11° 5	2°58	2° 5	25°46	15°49	3°42	26°50	27°20	15°46	19°25	S 17
M18	12 18 4	6°26'51	29°10	3°13	17° 7	10°47	2°51	2°12	25°44	15°51	3°44	26°48	27°17	15°53	19°21	M18
T 19	12 22 0	7°25'58	13♒28	5°14	16°49	10°31	2°45	2°20	25°42	15°53	3°45	26°44	27°14	15°59	19°16	T 19
W20	12 25 57	8°25'03	28°11	7°16	16°32	10°15	2°39	2°27	25°39	15°55	3°46	26°38	27°11	16° 6	19°12	W20
T 21	12 29 53	9°24'06	13♓13	9°19	16°19	9°59	2°33	2°35	25°37	15°56	3°48	26°29	27° 8	16°13	19° 7	T 21
F 22	12 33 50	10°23'08	28°25	11°23	16° 7	9°45	2°26	2°42	25°34	15°58	3°49	26°19	27° 5	16°20	19° 3	F 22
S 23	12 37 46	11°22'07	13♈38	13°28	15°58	9°31	2°19	2°50	25°32	16° 0	3°50	26° 8	27° 1	16°26	18°59	S 23
S 24	12 41 43	12°21'04	28°40	15°33	15°52	9°18	2°13	2°57	25°30	16° 2	3°52	25°58	26°58	16°33	18°55	S 24
M25	12 45 39	13°20'00	13♉22	17°38	15°48	9° 5	2° 6	3° 5	25°27	16° 4	3°53	25°50	26°55	16°40	18°51	M25
T 26	12 49 36	14°18'53	27°37	19°44	15°D46	8°54	1°59	3°12	25°25	16° 6	3°54	25°45	26°52	16°46	18°47	T 26
W27	12 53 32	15°17'44	11♊24	21°49	15°47	8°43	1°52	3°20	25°22	16° 8	3°56	25°42	26°49	16°53	18°43	W27
T 28	12 57 29	16°16'32	24°41	23°54	15°50	8°33	1°45	3°27	25°20	16°10	3°57	25°D41	26°45	17° 0	18°39	T 28
F 29	13 1 26	17°15'19	7♋32	25°59	15°56	8°23	1°38	3°35	25°17	16°12	3°58	25°41	26°42	17° 7	18°35	F 29
S 30	13 5 22	18°14'03	20° 2	28° 2	16° 3	8°15	1°30	3°42	25°15	16°14	4° 0	25°R41	26°39	17°13	18°31	S 30
S 31	13 9 19	19♈12'45	2♌15	0♉ 3	16♓13	8♍ 7	1♏23	3♈49	25♎12	16♉16	4♓ 1	25♊41	26♊36	17♍20	18♍27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s 7	23n30	0n 0	12s48	2s13	6n29	8n38	8n50	3n55	11s37	1n26	1s57	2s 9	9s38	0n35	14n49	1s45	22s10	12s45	23n29	23n29	10n55	0s29	4s33
S 2	3 44	24 7	1 6	12 12	2 14	6 15	8 38	8 58	3 54	11 36	1 26	1 54	2 9	9 38	0 35	14 49	1 45	22 9	12 46	23 29	23 29	10 53	0 27	4 33
S 3	3 20	23 32	2 7	11 36	2 15	6 0	8 38	9 6	3 53	11 34	1 27	1 51	2 9	9 37	0 35	14 50	1 45	22 9	12 46	23 29	23 29	10 50	0 25	4 33
M 4	2 57	21 52	3 1	10 58	2 15	5 44	8 36	9 14	3 51	11 33	1 27	1 48	2 9	9 36	0 36	14 50	1 45	22 8	12 46	23 29	23 29	10 48	0 22	4 32
T 5	2 33	19 15	3 47	10 19	2 14	5 27	8 34	9 22	3 50	11 31	1 27	1 45	2 9	9 35	0 36	14 51	1 45	22 8	12 46	23 29	23 29	10 45	0 20	4 32
W 6	2 9	15 51	4 22	9 38	2 13	5 9	8 31	9 29	3 49	11 29	1 27	1 42	2 9	9 35	0 36	14 51	1 45	22 7	12 46	23 29	23 29	10 43	0 18	4 32
T 7	1 46	11 49	4 46	8 57	2 12	4 50	8 27	9 37	3 47	11 28	1 27	1 39	2 9	9 34	0 36	14 52	1 45	22 7	12 46	23 29	23 29	10 41	0 16	4 31
F 8	1 22	7 20	4 58	8 14	2 10	4 31	8 21	9 44	3 45	11 26	1 27	1 36	2 9	9 33	0 36	14 52	1 45	22 7	12 46	23 29	23 29	10 38	0 14	4 31
S 9	0 58	2 34	4 57	7 29	2 8	4 11	8 15	9 51	3 43	11 24	1 28	1 33	2 9	9 32	0 36	14 53	1 45	22 6	12 47	23 29	23 29	10 36	0 11	4 30
S 10	0 35	2s19	4 42	6 44	2 5	3 51	8 8	9 57	3 42	11 22	1 28	1 30	2 9	9 32	0 36	14 53	1 45	22 6	12 47	23 28	23 29	10 33	0 9	4 30
M11	0 11	7 10	4 15	5 57	2 1	3 31	8 1	10 4	3 40	11 21	1 28	1 27	2 9	9 31	0 36	14 54	1 45	22 5	12 47	23 28	23 29	10 31	0 7	4 30
T 12	0n13	11 47	3 36	5 10	1 58	3 10	7 52	10 10	3 38	11 19	1 28	1 24	2 9	9 30	0 36	14 54	1 45	22 5	12 47	23 28	23 29	10 28	0 5	4 29
W13	0 36	16 0	2 46	4 21	1 53	2 50	7 43	10 16	3 36	11 17	1 28	1 21	2 9	9 29	0 36	14 55	1 44	22 5	12 47	23 28	23 28	10 26	0 3	4 29
T 14	1 0	19 35	1 48	3 30	1 48	2 29	7 33	10 22	3 33	11 15	1 28	1 18	2 9	9 28	0 36	14 55	1 44	22 4	12 47	23 28	23 28	10 23	0 0	4 28
F 15	1 23	22 19	0 43	2 39	1 43	2 9	7 23	10 27	3 31	11 13	1 28	1 15	2 9	9 28	0 36	14 56	1 44	22 4	12 48	23 28	23 28	10 21	0n 2	4 28
S 16	1 47	23 56	0s26	1 47	1 37	1 49	7 12	10 32	3 29	11 11	1 28	1 12	2 9	9 27	0 36	14 56	1 44	22 3	12 48	23 28	23 28	10 19	0 4	4 28
S 17	2 10	24 12	1 36	0 54	1 30	1 30	7 1	10 37	3 27	11 9	1 29	1 9	2 9	9 26	0 36	14 57	1 44	22 3	12 48	23 28	23 28	10 16	0 6	4 27
M18	2 34	23 1	2 42	0n 0	1 23	1 11	6 49	10 41	3 24	11 6	1 29	1 6	2 9	9 25	0 36	14 58	1 44	22 3	12 48	23 28	23 28	10 14	0 8	4 27
T 19	2 57	20 20	3 40	0 55	1 16	0 52	6 37	10 45	3 22	11 4	1 29	1 3	2 10	9 24	0 36	14 58	1 44	22 2	12 48	23 27	23 28	10 11	0 11	4 26
W20	3 21	16 16	4 25	1 51	1 8	0 35	6 24	10 49	3 20	11 2	1 29	1 0	2 10	9 23	0 36	14 59	1 44	22 2	12 49	23 27	23 28	10 9	0 13	4 26
T 21	3 44	11 7	4 53	2 48	0 59	0 18	6 12	10 53	3 17	11 0	1 29	0 57	2 10	9 22	0 36	14 59	1 44	22 2	12 49	23 27	23 28	10 6	0 15	4 25
F 22	4 7	5 13	5 1	3 44	0 50	0 1	5 59	10 56	3 15	10 57	1 29	0 54	2 10	9 21	0 36	15 0	1 44	22 1	12 49	23 27	23 28	10 4	0 17	4 25
S 23	4 30	0n59	4 47	4 42	0 41	0s14	5 46	10 59	3 12	10 55	1 29	0 51	2 10	9 21	0 36	15 0	1 44	22 1	12 49	23 26	23 28	10 1	0 19	4 24
S 24	4 54	7 4	4 14	5 39	0 31	0 29	5 33	11 2	3 10	10 53	1 29	0 48	2 10	9 20	0 36	15 1	1 44	22 1	12 49	23 26	23 28	9 59	0 21	4 24
M25	5 17	12 38	3 24	6 37	0 21	0 42	5 20	11 4	3 7	10 50	1 29	0 45	2 10	9 19	0 36	15 2	1 44	22 0	12 50	23 26	23 28	9 56	0 23	4 23
T 26	5 39	17 21	2 23	7 34	0 11	0 55	5 6	11 6	3 4	10 48	1 29	0 43	2 10	9 18	0 36	15 2	1 44	22 0	12 50	23 26	23 28	9 54	0 26	4 22
W27	6 2	20 58	1 15	8 32	0n 0	1 7	4 53	11 8	3 2	10 45	1 29	0 40	2 10	9 17	0 36	15 3	1 44	22 0	12 50	23 26	23 28	9 51	0 28	4 22
T 28	6 25	23 18	0 5	9 28	0 11	1 18	4 40	11 9	2 59	10 43	1 29	0 37	2 10	9 16	0 36	15 3	1 44	22 0	12 50	23 26	23 27	9 49	0 30	4 21
F 29	6 48	24 19	1n 3	10 24	0 22	1 27	4 27	11 10	2 56	10 40	1 29	0 34	2 10	9 15	0 36	15 4	1 44	21 59	12 51	23 26	23 27	9 46	0 32	4 21
S 30	7 10	24 4	2 6	11 19	0 33	1 36	4 14	11 11	2 54	10 38	1 29	0 31	2 10	9 14	0 36	15 5	1 44	21 59	12 51	23 26	23 27	9 44	0 34	4 20
S 31	7n32	22n39	3n 1	12n13	0n45	1s44	4n 1	11n11	2n51	10s35	1n29	0s28	2s10	9s13	0n36	15n 5	1s44	21s59	12s51	23n26	23n27	9n41	0n36	4s20

Julian Day Number = 2289080.5, Delta T = 168.77 sec
Ecliptic obliquity = 23°29'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°31'59, Lahiri = 17°38'59 Julian Calendar 1 March 1555 == Greg. Calendar 11 March 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

APRIL 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 13 15	20♈11'25	14♌16	2♉ 3	16♓25	8°R 0	1°R16	3♈57	25°R10	16♉18	4♓ 2	25°R38	26♊33	17♍27	18°R24	M 1
T 2	13 17 12	21°10'02	26°10	4° 1	16°39	7♍54	1♏ 8	4° 4	25♎ 7	16°20	4° 3	25♊32	26°30	17°33	18♍20	T 2
W 3	13 21 8	22° 8'37	8♍ 1	5°57	16°55	7°49	1° 1	4°11	25° 4	16°22	4° 4	25°25	26°26	17°40	18°17	W 3
T 4	13 25 5	23° 7'10	19°52	7°50	17°13	7°45	0°53	4°19	25° 2	16°24	4° 6	25°15	26°23	17°47	18°13	T 4
F 5	13 29 1	24° 5'41	1♎47	9°39	17°33	7°41	0°46	4°26	24°59	16°27	4° 7	25° 4	26°20	17°54	18°10	F 5
S 6	13 32 58	25° 4'10	13°47	11°26	17°55	7°38	0°38	4°33	24°57	16°29	4° 8	24°52	26°17	18° 0	18° 7	S 6
S 7	13 36 55	26° 2'37	25°54	13° 9	18°18	7°36	0°31	4°40	24°54	16°31	4° 9	24°41	26°14	18° 7	18° 4	S 7
M 8	13 40 51	27° 1'02	8♏ 8	14°48	18°43	7°34	0°23	4°47	24°52	16°33	4°10	24°32	26°11	18°14	18° 1	M 8
T 9	13 44 48	27°59'25	20°31	16°23	19°10	7°D34	0°15	4°55	24°49	16°35	4°11	24°25	26° 7	18°21	17°58	T 9
W10	13 48 44	28°57'47	3♐ 4	17°55	19°38	7°34	0° 8	5° 2	24°47	16°37	4°12	24°20	26° 4	18°27	17°55	W10
T 11	13 52 41	29°56'07	15°48	19°22	20° 8	7°35	0° 0	5° 9	24°44	16°39	4°13	24°18	26° 1	18°34	17°52	T 11
F 12	13 56 37	0♑54'25	28°45	20°44	20°40	7°36	29♎52	5°16	24°41	16°42	4°14	24°D18	25°58	18°41	17°49	F 12
S 13	14 0 34	1°52'42	11♑56	22° 2	21°12	7°38	29°45	5°23	24°39	16°44	4°15	24°19	25°55	18°47	17°47	S 13
S 14	14 4 30	2°50'57	25°25	23°16	21°46	7°41	29°37	5°30	24°36	16°46	4°16	24°20	25°51	18°54	17°44	S 14
M15	14 8 27	3°49'11	9♒13	24°25	22°22	7°45	29°29	5°37	24°34	16°48	4°17	24°R20	25°48	19° 1	17°42	M15
T 16	14 12 24	4°47'23	23°21	25°29	22°58	7°49	29°22	5°44	24°31	16°50	4°18	24°18	25°45	19° 8	17°40	T 16
W17	14 16 20	5°45'34	7♓47	26°29	23°36	7°55	29°14	5°51	24°29	16°53	4°19	24°15	25°42	19°14	17°38	W17
T 18	14 20 17	6°43'43	22°28	27°23	24°15	8° 0	29° 7	5°58	24°26	16°55	4°20	24° 9	25°39	19°21	17°36	T 18
F 19	14 24 13	7°41'51	7♈19	28°13	24°55	8° 7	28°59	6° 4	24°24	16°57	4°21	24° 3	25°36	19°28	17°34	F 19
S 20	14 28 10	8°39'57	22°12	28°58	25°37	8°14	28°52	6°11	24°21	16°59	4°22	23°56	25°32	19°34	17°32	S 20
S 21	14 32 6	9°38'02	6♉58	29°37	26°19	8°21	28°44	6°18	24°19	17° 2	4°23	23°49	25°29	19°41	17°30	S 21
M22	14 36 3	10°36'05	21°29	0♊12	27° 2	8°30	28°37	6°25	24°17	17° 4	4°24	23°44	25°26	19°48	17°28	M22
T 23	14 39 59	11°34'06	5♊40	0°41	27°46	8°39	28°29	6°31	24°14	17° 6	4°24	23°41	25°23	19°55	17°27	T 23
W24	14 43 56	12°32'06	19°25	1° 5	28°31	8°48	28°22	6°38	24°12	17° 8	4°25	23°D39	25°20	20° 1	17°25	W24
T 25	14 47 53	13°30'04	2♋45	1°24	29°17	8°59	28°15	6°44	24° 9	17°11	4°26	23°40	25°16	20° 8	17°24	T 25
F 26	14 51 49	14°28'00	15°41	1°38	0♈ 3	9° 9	28° 8	6°51	24° 7	17°13	4°27	23°41	25°13	20°15	17°23	F 26
S 27	14 55 46	15°25'54	28°14	1°47	0°51	9°21	28° 1	6°57	24° 5	17°15	4°27	23°42	25°10	20°22	17°22	S 27
S 28	14 59 42	16°23'47	10♌31	1°R51	1°39	9°33	27°54	7° 4	24° 2	17°17	4°28	23°44	25° 7	20°28	17°21	S 28
M29	15 3 39	17°21'38	22°34	1°50	2°28	9°45	27°47	7°10	24° 0	17°20	4°29	23°R44	25° 4	20°35	17°20	M29
T 30	15 7 35	18♉19'27	4♍30	1♊44	3♈18	9♍58	27♎40	7♈17	23♎58	17♉22	4♓29	23♊42	25♊ 1	20♍42	17♍19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n55	20n14	3n48	13n 5	0n56	1s51	3n49	11n11	2n48	10s33	1n29	0s25	2s10	9s12	0n36	15n 6	1s44	21s59	12s51	23n25	23n27	9n39	0n38	4s19
T 2	8 17	16 58	4 25	13 56	1 6	1 58	3 36	11 11	2 46	10 30	1 29	0 22	2 10	9 11	0 36	15 6	1 44	21 58	12 52	23 25	23 27	9 36	0 40	4 18
W 3	8 39	13 3	4 49	14 45	1 17	2 3	3 24	11 11	2 43	10 27	1 29	0 20	2 10	9 11	0 36	15 7	1 44	21 58	12 52	23 25	23 27	9 34	0 42	4 18
T 4	9 0	8 38	5 2	15 32	1 27	2 7	3 12	11 10	2 41	10 25	1 29	0 17	2 11	9 10	0 36	15 8	1 44	21 58	12 52	23 25	23 27	9 31	0 43	4 17
F 5	9 22	3 53	5 1	16 17	1 37	2 10	3 0	11 9	2 38	10 22	1 29	0 14	2 11	9 9	0 36	15 8	1 44	21 58	12 52	23 24	23 27	9 29	0 45	4 16
S 6	9 44	1s 3	4 47	16 59	1 47	2 13	2 48	11 8	2 35	10 20	1 29	0 11	2 11	9 8	0 36	15 9	1 44	21 58	12 53	23 24	23 27	9 26	0 47	4 16
S 7	10 5	5 59	4 20	17 40	1 56	2 14	2 37	11 6	2 33	10 17	1 29	0 8	2 11	9 7	0 36	15 10	1 44	21 57	12 53	23 23	23 27	9 24	0 49	4 15
M 8	10 26	10 46	3 41	18 17	2 4	2 15	2 25	11 4	2 30	10 14	1 29	0 6	2 11	9 6	0 36	15 10	1 44	21 57	12 53	23 23	23 27	9 21	0 51	4 15
T 9	10 47	15 11	2 50	18 53	2 11	2 14	2 14	11 2	2 27	10 12	1 29	0 3	2 11	9 5	0 36	15 11	1 44	21 57	12 54	23 23	23 26	9 18	0 52	4 14
W10	11 8	19 0	1 51	19 25	2 18	2 13	2 3	10 59	2 25	10 9	1 29	0 0	2 11	9 4	0 36	15 11	1 44	21 57	12 54	23 23	23 26	9 16	0 54	4 13
T 11	11 29	21 59	0 45	19 55	2 24	2 11	1 53	10 57	2 22	10 6	1 29	0n 3	2 11	9 3	0 36	15 12	1 44	21 57	12 54	23 22	23 26	9 13	0 56	4 13
F 12	11 49	23 53	0s24	20 23	2 29	2 9	1 42	10 54	2 20	10 4	1 29	0 5	2 11	9 2	0 36	15 13	1 44	21 57	12 54	23 22	23 26	9 11	0 58	4 12
S 13	12 9	24 31	1 33	20 48	2 34	2 5	1 32	10 51	2 17	10 1	1 29	0 8	2 11	9 1	0 36	15 13	1 44	21 57	12 55	23 22	23 26	9 8	0 59	4 11
S 14	12 29	23 43	2 39	21 10	2 37	2 1	1 22	10 47	2 15	9 59	1 29	0 11	2 12	9 0	0 36	15 14	1 44	21 57	12 55	23 23	23 26	9 6	1 1	4 11
M15	12 49	21 29	3 37	21 30	2 40	1 56	1 13	10 43	2 12	9 56	1 29	0 13	2 12	8 59	0 36	15 15	1 43	21 57	12 55	23 23	23 26	9 3	1 2	4 10
T 16	13 9	17 55	4 24	21 47	2 41	1 50	1 3	10 39	2 10	9 53	1 29	0 16	2 12	8 59	0 36	15 15	1 43	21 56	12 56	23 22	23 26	9 1	1 4	4 9
W17	13 28	13 14	4 55	22 2	2 42	1 43	0 54	10 35	2 7	9 51	1 29	0 19	2 12	8 58	0 35	15 16	1 43	21 56	12 56	23 22	23 26	8 58	1 5	4 8
T 18	13 48	7 42	5 7	22 15	2 41	1 36	0 45	10 31	2 5	9 48	1 29	0 21	2 12	8 57	0 35	15 17	1 43	21 56	12 56	23 22	23 26	8 56	1 7	4 8
F 19	14 7	1 40	4 59	22 24	2 40	1 28	0 36	10 26	2 2	9 46	1 29	0 24	2 12	8 56	0 35	15 17	1 43	21 56	12 57	23 22	23 25	8 53	1 8	4 7
S 20	14 25	4n28	4 31	22 32	2 37	1 20	0 28	10 21	2 0	9 43	1 29	0 26	2 12	8 55	0 35	15 18	1 43	21 56	12 57	23 21	23 25	8 50	1 10	4 6
S 21	14 44	10 19	3 45	22 37	2 34	1 11	0 19	10 16	1 57	9 40	1 28	0 29	2 12	8 54	0 35	15 18	1 43	21 56	12 57	23 21	23 25	8 48	1 11	4 6
M22	15 2	15 31	2 45	22 40	2 29	1 1	0 11	10 11	1 55	9 38	1 28	0 31	2 13	8 53	0 35	15 19	1 43	21 56	12 57	23 21	23 25	8 45	1 12	4 5
T 23	15 20	19 44	1 36	22 40	2 23	0 50	0 3	10 5	1 53	9 35	1 28	0 34	2 13	8 52	0 35	15 20	1 43	21 56	12 58	23 21	23 25	8 43	1 13	4 4
W24	15 38	22 42	0 23	22 39	2 16	0 40	0s 4	10 0	1 50	9 33	1 28	0 36	2 13	8 51	0 35	15 20	1 43	21 56	12 58	23 21	23 25	8 40	1 15	4 3
T 25	15 56	24 17	0n49	22 35	2 8	0 28	0 12	9 54	1 48	9 30	1 28	0 39	2 13	8 51	0 35	15 21	1 43	21 56	12 58	23 21	23 25	8 37	1 16	4 3
F 26	16 13	24 30	1 57	22 29	1 59	0 16	0 19	9 47	1 46	9 28	1 28	0 41	2 13	8 50	0 35	15 22	1 43	21 56	12 59	23 21	23 25	8 35	1 17	4 2
S 27	16 30	23 27	2 57	22 20	1 48	0 4	0 26	9 41	1 44	9 26	1 28	0 44	2 13	8 49	0 35	15 22	1 43	21 56	12 59	23 21	23 25	8 32	1 18	4 1
S 28	16 47	21 17	3 47	22 10	1 37	0n 9	0 33	9 34	1 41	9 23	1 28	0 46	2 13	8 48	0 35	15 23	1 43	21 56	12 59	23 21	23 24	8 30	1 19	4 1
M29	17 3	18 13	4 27	21 58	1 25	0 23	0 39	9 28	1 39	9 21	1 27	0 48	2 14	8 47	0 35	15 24	1 43	21 56	13 0	23 21	23 24	8 27	1 20	4 0
T 30	17n20	14n26	4n54	21n43	1n11	0n37	0s46	9n21	1n37	9s19	1n27	0n51	2s14	8s46	0n35	15n24	1s43	21s56	13s 0	23n21	23n24	8n24	1n21	3s59

Julian Day Number = 2289111.5, Delta T = 168.59 sec
Ecliptic obliquity = 23°29'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'03, Lahiri = 17°39'03 Julian Calendar 1 Apr. 1555 == Greg. Calendar 11 Apr. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

MAY 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 11 32	19♉17'14	16♍22	1°R34	4♈ 8	10♍12	27°R33	7♈23	23°R56	17♉24	4♓30	23°R39	24♊57	20♍48	17°R19	W 1
T 2	15 15 28	20°14'59	28°16	1♊19	4°59	10°26	27♎27	7°29	23♎53	17°26	4°31	23♊35	24°54	20°55	17♍18	T 2
F 3	15 19 25	21°12'43	10♎13	1° 1	5°51	10°41	27°20	7°35	23°51	17°29	4°31	23°30	24°51	21° 2	17°18	F 3
S 4	15 23 22	22°10'26	22°19	0°38	6°43	10°56	27°14	7°41	23°49	17°31	4°32	23°24	24°48	21° 9	17°17	S 4
S 5	15 27 18	23° 8'07	4♏34	0°13	7°36	11°12	27° 8	7°47	23°47	17°33	4°32	23°19	24°45	21°15	17°17	S 5
M 6	15 31 15	24° 5'46	17° 1	29♉44	8°29	11°28	27° 1	7°53	23°45	17°35	4°33	23°15	24°42	21°22	17°D17	M 6
T 7	15 35 11	25° 3'24	29°39	29°14	9°23	11°44	26°55	7°59	23°43	17°37	4°33	23°12	24°38	21°29	17°17	T 7
W 8	15 39 8	26° 1'01	12♐31	28°41	10°18	12° 1	26°49	8° 5	23°41	17°40	4°34	23°10	24°35	21°36	17°17	W 8
T 9	15 43 4	26°58'37	25°35	28° 8	11°13	12°19	26°44	8°11	23°39	17°42	4°34	23°D10	24°32	21°42	17°18	T 9
F 10	15 47 1	27°56'12	8♑52	27°34	12° 8	12°37	26°38	8°17	23°37	17°44	4°34	23°10	24°29	21°49	17°18	F 10
S 11	15 50 57	28°53'46	22°21	27° 0	13° 4	12°55	26°32	8°23	23°35	17°46	4°35	23°12	24°26	21°56	17°18	S 11
S 12	15 54 54	29°51'19	6♒ 3	26°26	14° 1	13°14	26°27	8°28	23°33	17°49	4°35	23°13	24°22	22° 2	17°19	S 12
M13	15 58 51	0♊48'51	19°58	25°54	14°58	13°33	26°22	8°34	23°31	17°51	4°36	23°14	24°19	22° 9	17°20	M13
T 14	16 2 47	1°46'22	4♓ 3	25°24	15°55	13°53	26°16	8°39	23°29	17°53	4°36	23°R14	24°16	22°16	17°21	T 14
W15	16 6 44	2°43'52	18°19	24°55	16°53	14°13	26°11	8°45	23°27	17°55	4°36	23°14	24°13	22°23	17°22	W15
T 16	16 10 40	3°41'22	2♈42	24°30	17°51	14°33	26° 7	8°50	23°26	17°57	4°36	23°12	24°10	22°29	17°23	T 16
F 17	16 14 37	4°38'50	17° 9	24° 7	18°49	14°54	26° 2	8°56	23°24	18° 0	4°37	23°10	24° 7	22°36	17°24	F 17
S 18	16 18 33	5°36'18	1♉35	23°48	19°48	15°15	25°57	9° 1	23°22	18° 2	4°37	23° 8	24° 3	22°43	17°25	S 18
S 19	16 22 30	6°33'45	15°54	23°33	20°48	15°37	25°53	9° 6	23°21	18° 4	4°37	23° 6	24° 0	22°49	17°27	S 19
M20	16 26 26	7°31'12	0♊ 3	23°22	21°47	15°59	25°49	9°11	23°19	18° 6	4°37	23° 4	23°57	22°56	17°28	M20
T 21	16 30 23	8°28'37	13°55	23°14	22°47	16°21	25°45	9°16	23°18	18° 8	4°37	23° 3	23°54	23° 3	17°30	T 21
W22	16 34 20	9°26'02	27°29	23°D12	23°47	16°44	25°41	9°21	23°16	18°10	4°37	23°D 3	23°51	23°10	17°32	W22
T 23	16 38 16	10°23'26	10♋43	23°13	24°48	17° 7	25°37	9°26	23°15	18°13	4°38	23° 4	23°48	23°16	17°33	T 23
F 24	16 42 13	11°20'49	23°36	23°19	25°49	17°30	25°33	9°31	23°13	18°15	4°38	23° 5	23°44	23°23	17°35	F 24
S 25	16 46 9	12°18'10	6♌10	23°30	26°50	17°54	25°30	9°36	23°12	18°17	4°38	23° 6	23°41	23°30	17°37	S 25
S 26	16 50 6	13°15'31	18°28	23°45	27°51	18°18	25°27	9°40	23°10	18°19	4°R38	23° 6	23°38	23°37	17°40	S 26
M27	16 54 2	14°12'51	0♍33	24° 5	28°53	18°43	25°24	9°45	23° 9	18°21	4°38	23° 7	23°35	23°43	17°42	M27
T 28	16 57 59	15°10'10	12°31	24°29	29°55	19° 7	25°21	9°50	23° 8	18°23	4°38	23°R 7	23°32	23°50	17°44	T 28
W29	17 1 56	16° 7'27	24°24	24°57	0♉57	19°32	25°18	9°54	23° 7	18°25	4°38	23° 7	23°28	23°57	17°47	W29
T 30	17 5 52	17° 4'44	6♎19	25°30	2° 0	19°58	25°15	9°58	23° 5	18°27	4°38	23° 7	23°25	24° 3	17°50	T 30
F 31	17 9 49	18♊ 2'00	18♎18	26♉ 7	3♉ 3	20♍23	25♎13	10♈ 3	23♎ 4	18♉29	4♓37	23♊ 6	23♊22	24♍10	17♍52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n35	10n 7	5n 9	21n27	0n57	0n51	0s52	9n14	1n35	9s16	1n27	0n53	2s14	8s46	0n35	15n25	1s43	21s57	13s 0	23n21	23n24	8n22	1n22	3s58
T 2	17 51	5 26	5 10	21 9	0 42	1 6	0 58	9 6	1 33	9 14	1 27	0 55	2 14	8 45	0 35	15 25	1 43	21 57	13 1	23 20	23 24	8 19	1 23	3 58
F 3	18 6	0 31	4 58	20 50	0 26	1 21	1 4	8 59	1 31	9 12	1 27	0 58	2 14	8 44	0 35	15 26	1 43	21 57	13 1	23 20	23 24	8 17	1 24	3 57
S 4	18 21	4s29	4 33	20 29	0 10	1 37	1 9	8 51	1 29	9 10	1 27	1 0	2 14	8 43	0 35	15 27	1 43	21 57	13 2	23 20	23 24	8 14	1 25	3 56
S 5	18 36	9 23	3 55	20 8	0s 7	1 53	1 14	8 43	1 27	9 8	1 26	1 2	2 15	8 42	0 35	15 27	1 43	21 57	13 2	23 20	23 24	8 11	1 25	3 55
M 6	18 50	14 0	3 5	19 45	0 25	2 9	1 20	8 35	1 25	9 6	1 26	1 4	2 15	8 42	0 35	15 28	1 43	21 57	13 2	23 19	23 23	8 9	1 26	3 55
T 7	19 5	18 5	2 5	19 21	0 42	2 26	1 25	8 27	1 23	9 4	1 26	1 7	2 15	8 41	0 35	15 29	1 43	21 57	13 3	23 19	23 23	8 6	1 27	3 54
W 8	19 18	21 23	0 58	18 57	1 0	2 43	1 29	8 19	1 21	9 2	1 26	1 9	2 15	8 40	0 35	15 29	1 43	21 57	13 3	23 19	23 23	8 4	1 27	3 53
T 9	19 32	23 39	0s13	18 32	1 17	3 0	1 34	8 10	1 19	9 0	1 26	1 11	2 15	8 40	0 35	15 30	1 43	21 58	13 3	23 19	23 23	8 1	1 28	3 52
F 10	19 45	24 37	1 25	18 8	1 34	3 18	1 38	8 1	1 17	8 58	1 25	1 13	2 16	8 39	0 35	15 30	1 43	21 58	13 4	23 19	23 23	7 58	1 28	3 52
S 11	19 58	24 10	2 34	17 44	1 51	3 36	1 43	7 52	1 15	8 56	1 25	1 15	2 16	8 38	0 35	15 31	1 43	21 58	13 4	23 19	23 23	7 56	1 29	3 51
S 12	20 10	22 16	3 34	17 21	2 7	3 54	1 47	7 43	1 13	8 54	1 25	1 17	2 16	8 37	0 35	15 32	1 43	21 58	13 4	23 19	23 23	7 53	1 29	3 50
M13	20 22	19 1	4 23	16 58	2 22	4 12	1 51	7 34	1 11	8 53	1 25	1 19	2 16	8 37	0 35	15 32	1 43	21 58	13 5	23 19	23 23	7 50	1 30	3 49
T 14	20 34	14 39	4 57	16 37	2 37	4 31	1 54	7 25	1 9	8 51	1 25	1 21	2 16	8 36	0 35	15 33	1 43	21 58	13 5	23 19	23 22	7 48	1 30	3 49
W15	20 45	9 26	5 14	16 17	2 50	4 50	1 58	7 16	1 7	8 50	1 24	1 23	2 17	8 36	0 35	15 33	1 43	21 59	13 5	23 19	23 22	7 45	1 30	3 48
T 16	20 56	3 40	5 10	15 59	3 3	5 9	2 1	7 6	1 5	8 48	1 24	1 25	2 17	8 35	0 35	15 34	1 43	21 59	13 6	23 19	23 22	7 42	1 31	3 47
F 17	21 7	2n19	4 48	15 42	3 15	5 28	2 4	6 56	1 4	8 46	1 24	1 27	2 17	8 34	0 35	15 35	1 43	21 59	13 6	23 19	23 22	7 40	1 31	3 46
S 18	21 17	8 11	4 7	15 28	3 25	5 48	2 7	6 46	1 2	8 45	1 24	1 29	2 17	8 34	0 35	15 35	1 43	21 59	13 6	23 19	23 22	7 37	1 31	3 46
S 19	21 27	13 36	3 11	15 15	3 34	6 7	2 10	6 36	1 0	8 44	1 23	1 31	2 17	8 33	0 35	15 36	1 43	22 0	13 7	23 19	23 22	7 35	1 31	3 45
M20	21 37	18 12	2 4	15 5	3 42	6 27	2 13	6 26	0 58	8 42	1 23	1 32	2 18	8 33	0 35	15 36	1 44	22 0	13 7	23 19	23 22	7 32	1 31	3 44
T 21	21 46	21 42	0 50	14 57	3 48	6 47	2 16	6 16	0 57	8 41	1 23	1 34	2 18	8 32	0 35	15 37	1 44	22 0	13 8	23 19	23 21	7 29	1 31	3 43
W22	21 55	23 53	0n24	14 51	3 54	7 7	2 18	6 6	0 55	8 40	1 23	1 36	2 18	8 31	0 35	15 38	1 44	22 1	13 8	23 19	23 21	7 27	1 31	3 43
T 23	22 4	24 40	1 36	14 47	3 58	7 27	2 20	5 55	0 53	8 39	1 22	1 38	2 18	8 31	0 35	15 38	1 44	22 1	13 8	23 19	23 21	7 24	1 31	3 42
F 24	22 12	24 4	2 41	14 45	4 1	7 47	2 22	5 44	0 52	8 38	1 22	1 39	2 18	8 30	0 35	15 39	1 44	22 1	13 9	23 19	23 21	7 21	1 31	3 41
S 25	22 19	22 16	3 36	14 46	4 3	8 7	2 24	5 34	0 50	8 37	1 22	1 41	2 19	8 30	0 35	15 39	1 44	22 1	13 9	23 19	23 21	7 19	1 31	3 41
S 26	22 27	19 27	4 21	14 49	4 4	8 28	2 26	5 23	0 49	8 36	1 22	1 43	2 19	8 29	0 35	15 40	1 44	22 2	13 9	23 19	23 21	7 16	1 31	3 40
M27	22 34	15 51	4 52	14 54	4 3	8 48	2 28	5 12	0 47	8 35	1 21	1 44	2 19	8 29	0 35	15 40	1 44	22 2	13 10	23 19	23 20	7 13	1 31	3 39
T 28	22 40	11 40	5 11	15 1	4 2	9 8	2 29	5 1	0 45	8 34	1 21	1 46	2 19	8 29	0 35	15 41	1 44	22 2	13 10	23 19	23 20	7 11	1 30	3 38
W29	22 46	7 4	5 16	15 10	4 0	9 29	2 31	4 49	0 44	8 33	1 21	1 47	2 20	8 28	0 34	15 41	1 44	22 3	13 10	23 19	23 20	7 8	1 30	3 38
T 30	22 52	2 12	5 8	15 21	3 57	9 49	2 32	4 38	0 42	8 33	1 21	1 49	2 20	8 28	0 34	15 42	1 44	22 3	13 11	23 19	23 20	7 5	1 30	3 37
F 31	22n57	2s47	4n47	15n34	3s53	10n10	2s33	4n26	0n41	8s32	1n20	1n50	2s20	8s27	0n34	15n42	1s44	22s 3	13s11	23n19	23n20	7n 2	1n29	3s36

Julian Day Number = 2289141.5, Delta T = 168.41 sec
Ecliptic obliquity = 23°29'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'07, Lahiri = 17°39'08 Julian Calendar 1 May 1555 == Greg. Calendar 11 May 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

JUNE 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 13 45	18♊59'15	0♏27	26♉48	4♉ 6	20♍49	25°R11	10♈ 7	23°R 3	18♉31	4°R37	23°R 6	23♊19	24♍17	17♍55	S 1
S 2	17 17 42	19°56'30	12°49	27°34	5° 9	21°15	25♎ 9	10°11	23♎ 2	18°33	4♓37	23♊ 5	23°16	24°24	17°58	S 2
M 3	17 21 38	20°53'43	25°26	28°23	6°12	21°42	25° 7	10°15	23° 1	18°35	4°37	23° 5	23°13	24°30	18° 1	M 3
T 4	17 25 35	21°50'57	8♐19	29°17	7°16	22° 8	25° 5	10°19	23° 0	18°37	4°37	23° 5	23° 9	24°37	18° 4	T 4
W 5	17 29 31	22°48'09	21°30	0♊14	8°20	22°35	25° 4	10°23	22°59	18°39	4°37	23° 5	23° 6	24°44	18° 8	W 5
T 6	17 33 28	23°45'22	4♑57	1°15	9°24	23° 3	25° 2	10°27	22°59	18°41	4°36	23° 5	23° 3	24°51	18°11	T 6
F 7	17 37 25	24°42'34	18°40	2°20	10°28	23°30	25° 1	10°31	22°58	18°43	4°36	23° 5	23° 0	24°57	18°15	F 7
S 8	17 41 21	25°39'46	2♒35	3°29	11°33	23°58	25° 0	10°34	22°57	18°45	4°36	23° 5	22°57	25° 4	18°18	S 8
S 9	17 45 18	26°36'57	16°40	4°41	12°37	24°26	25° 0	10°38	22°56	18°47	4°35	23° 4	22°54	25°11	18°22	S 9
M10	17 49 14	27°34'09	0♓51	5°57	13°42	24°54	24°59	10°41	22°56	18°48	4°35	23° 4	22°50	25°17	18°26	M10
T 11	17 53 11	28°31'20	15° 6	7°17	14°47	25°23	24°59	10°45	22°55	18°50	4°35	23° 4	22°47	25°24	18°30	T 11
W12	17 57 7	29°28'32	29°22	8°40	15°53	25°51	24°58	10°48	22°55	18°52	4°34	23°D 4	22°44	25°31	18°34	W12
T 13	18 1 4	0♋25'43	13♈35	10° 7	16°58	26°20	24°D58	10°51	22°54	18°54	4°34	23° 4	22°41	25°38	18°38	T 13
F 14	18 5 0	1°22'55	27°43	11°37	18° 4	26°50	24°58	10°54	22°54	18°56	4°34	23° 4	22°38	25°44	18°42	F 14
S 15	18 8 57	2°20'07	11♉44	13°10	19° 9	27°19	24°59	10°57	22°53	18°57	4°33	23° 5	22°34	25°51	18°46	S 15
S 16	18 12 54	3°17'19	25°37	14°47	20°15	27°49	24°59	11° 0	22°53	18°59	4°33	23° 6	22°31	25°58	18°51	S 16
M17	18 16 50	4°14'31	9♊18	16°28	21°21	28°19	25° 0	11° 3	22°53	19° 1	4°32	23° 6	22°28	26° 4	18°55	M17
T 18	18 20 47	5°11'44	22°46	18°11	22°28	28°49	25° 1	11° 6	22°52	19° 3	4°32	23°R 7	22°25	26°11	19° 0	T 18
W19	18 24 43	6° 8'56	6♋ 0	19°58	23°34	29°19	25° 2	11° 8	22°52	19° 4	4°31	23° 6	22°22	26°18	19° 4	W19
T 20	18 28 40	7° 6'09	18°58	21°47	24°41	29°50	25° 3	11°11	22°52	19° 6	4°31	23° 5	22°19	26°25	19° 9	T 20
F 21	18 32 36	8° 3'21	1♌42	23°40	25°47	0♎20	25° 4	11°13	22°52	19° 8	4°30	23° 4	22°15	26°31	19°14	F 21
S 22	18 36 33	9° 0'33	14°10	25°35	26°54	0°51	25° 6	11°16	22°D52	19° 9	4°29	23° 2	22°12	26°38	19°19	S 22
S 23	18 40 29	9°57'46	26°26	27°33	28° 1	1°23	25° 8	11°18	22°52	19°11	4°29	22°59	22° 9	26°45	19°24	S 23
M24	18 44 26	10°54'58	8♍30	29°33	29° 8	1°54	25°10	11°20	22°52	19°12	4°28	22°57	22° 6	26°52	19°29	M24
T 25	18 48 23	11°52'10	20°27	1♋35	0♊15	2°26	25°12	11°22	22°52	19°14	4°28	22°55	22° 3	26°58	19°34	T 25
W26	18 52 19	12°49'22	2♎20	3°39	1°23	2°57	25°14	11°24	22°52	19°15	4°27	22°53	22° 0	27° 5	19°39	W26
T 27	18 56 16	13°46'35	14°14	5°45	2°30	3°29	25°16	11°26	22°53	19°17	4°26	22°D53	21°56	27°12	19°45	T 27
F 28	19 0 12	14°43'47	26°13	7°51	3°38	4° 1	25°19	11°28	22°53	19°18	4°25	22°54	21°53	27°18	19°50	F 28
S 29	19 4 9	15°40'59	8♏23	9°59	4°45	4°34	25°22	11°30	22°53	19°20	4°25	22°55	21°50	27°25	19°56	S 29
S 30	19 8 5	16♋38'12	20♏46	12♋ 7	5♊53	5♎ 6	25♎25	11♈31	22♎54	19♉21	4♓24	22♊56	21♊47	27♍32	20♍ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 2	7s44	4n12	15n48	3s48	10n30	2s34	4n15	0n39	8s31	1n20	1n52	2s20	8s27	0n34	15n43	1s44	22s 4	13s11	23n19	23n20	7n 0	1n29	3s36
S 2	23 7	12 28	3 25	16 3	3 42	10 50	2 35	4 3	0 38	8 31	1 20	1 53	2 21	8 27	0 34	15 44	1 44	22 4	13 12	23 19	23 20	6 57	1 28	3 35
M 3	23 11	16 47	2 27	16 21	3 36	11 10	2 35	3 51	0 36	8 31	1 20	1 55	2 21	8 26	0 34	15 44	1 44	22 5	13 12	23 19	23 19	6 54	1 28	3 34
T 4	23 15	20 25	1 21	16 39	3 29	11 31	2 36	3 39	0 35	8 30	1 19	1 56	2 21	8 26	0 34	15 45	1 44	22 5	13 12	23 19	23 19	6 52	1 27	3 33
W 5	23 18	23 5	0 9	16 59	3 21	11 51	2 37	3 27	0 33	8 30	1 19	1 57	2 21	8 26	0 34	15 45	1 44	22 5	13 13	23 19	23 19	6 49	1 27	3 33
T 6	23 21	24 30	1s 5	17 19	3 12	12 11	2 37	3 15	0 32	8 30	1 19	1 59	2 22	8 25	0 34	15 46	1 44	22 6	13 13	23 19	23 19	6 46	1 26	3 32
F 7	23 23	24 27	2 17	17 41	3 3	12 31	2 37	3 3	0 30	8 29	1 18	2 0	2 22	8 25	0 34	15 46	1 44	22 6	13 14	23 19	23 19	6 44	1 25	3 31
S 8	23 26	22 54	3 22	18 3	2 54	12 50	2 37	2 51	0 29	8 29	1 18	2 1	2 22	8 25	0 34	15 47	1 44	22 7	13 14	23 19	23 19	6 41	1 24	3 31
S 9	23 27	19 56	4 15	18 26	2 44	13 10	2 37	2 38	0 28	8 29	1 18	2 2	2 22	8 25	0 34	15 47	1 44	22 7	13 14	23 19	23 18	6 38	1 24	3 30
M10	23 28	15 46	4 53	18 50	2 34	13 30	2 37	2 26	0 26	8 29	1 18	2 3	2 23	8 25	0 34	15 47	1 44	22 7	13 15	23 19	23 18	6 35	1 23	3 29
T 11	23 29	10 42	5 14	19 14	2 23	13 49	2 37	2 13	0 25	8 30	1 17	2 4	2 23	8 24	0 34	15 48	1 44	22 8	13 15	23 19	23 18	6 33	1 22	3 29
W12	23 30	5 4	5 15	19 38	2 12	14 8	2 36	2 1	0 24	8 30	1 17	2 5	2 23	8 24	0 34	15 48	1 44	22 8	13 15	23 19	23 18	6 30	1 21	3 28
T 13	23 30	0n49	4 57	20 2	2 0	14 27	2 36	1 48	0 22	8 30	1 17	2 6	2 23	8 24	0 34	15 49	1 44	22 9	13 16	23 19	23 18	6 27	1 20	3 27
F 14	23 29	6 38	4 21	20 27	1 48	14 46	2 35	1 35	0 21	8 30	1 17	2 7	2 24	8 24	0 34	15 49	1 44	22 9	13 16	23 19	23 17	6 25	1 19	3 26
S 15	23 29	12 4	3 29	20 51	1 36	15 5	2 35	1 22	0 20	8 31	1 16	2 8	2 24	8 24	0 34	15 50	1 44	22 10	13 16	23 19	23 17	6 22	1 18	3 26
S 16	23 27	16 50	2 26	21 14	1 24	15 23	2 34	1 9	0 18	8 31	1 16	2 9	2 24	8 24	0 34	15 50	1 44	22 10	13 17	23 19	23 17	6 19	1 17	3 25
M17	23 26	20 39	1 16	21 37	1 12	15 41	2 33	0 56	0 17	8 32	1 16	2 10	2 24	8 24	0 34	15 51	1 44	22 11	13 17	23 19	23 17	6 16	1 16	3 24
T 18	23 24	23 16	0 2	21 59	1 0	15 59	2 32	0 43	0 16	8 32	1 15	2 11	2 25	8 24	0 34	15 51	1 44	22 11	13 17	23 19	23 17	6 14	1 14	3 24
W19	23 21	24 32	1n11	22 20	0 47	16 17	2 31	0 30	0 15	8 33	1 15	2 12	2 25	8 24	0 34	15 51	1 44	22 12	13 17	23 19	23 17	6 11	1 13	3 23
T 20	23 18	24 26	2 18	22 39	0 35	16 34	2 30	0 16	0 13	8 33	1 15	2 12	2 25	8 24	0 34	15 52	1 44	22 12	13 18	23 19	23 16	6 8	1 12	3 23
F 21	23 15	23 2	3 17	22 58	0 23	16 51	2 28	0 3	0 12	8 34	1 15	2 13	2 26	8 24	0 34	15 52	1 44	22 13	13 18	23 19	23 16	6 5	1 11	3 22
S 22	23 11	20 32	4 6	23 14	0 11	17 8	2 27	0s10	0 11	8 35	1 14	2 14	2 26	8 24	0 34	15 53	1 44	22 13	13 18	23 19	23 16	6 3	1 9	3 21
S 23	23 7	17 9	4 42	23 29	0n 1	17 24	2 25	0 24	0 10	8 36	1 14	2 14	2 26	8 24	0 34	15 53	1 45	22 14	13 19	23 19	23 16	6 0	1 8	3 21
M24	23 3	13 6	5 5	23 42	0 12	17 40	2 24	0 38	0 9	8 37	1 14	2 15	2 26	8 24	0 34	15 53	1 45	22 14	13 19	23 19	23 16	5 57	1 6	3 20
T 25	22 58	8 36	5 15	23 52	0 23	17 56	2 22	0 51	0 7	8 38	1 14	2 16	2 27	8 24	0 34	15 54	1 45	22 15	13 19	23 18	23 15	5 54	1 5	3 19
W26	22 53	3 49	5 11	24 0	0 33	18 12	2 20	1 5	0 6	8 39	1 13	2 16	2 27	8 24	0 33	15 54	1 45	22 15	13 20	23 18	23 15	5 52	1 4	3 19
T 27	22 47	1s 7	4 53	24 5	0 43	18 27	2 19	1 19	0 5	8 40	1 13	2 17	2 27	8 24	0 33	15 55	1 45	22 16	13 20	23 18	23 15	5 49	1 2	3 18
F 28	22 41	6 3	4 23	24 8	0 52	18 41	2 17	1 33	0 4	8 41	1 13	2 17	2 27	8 24	0 33	15 55	1 45	22 16	13 20	23 18	23 15	5 46	1 0	3 17
S 29	22 34	10 50	3 41	24 8	1 1	18 56	2 15	1 46	0 3	8 43	1 12	2 17	2 28	8 24	0 33	15 55	1 45	22 17	13 20	23 18	23 15	5 43	0 59	3 17
S 30	22n28	15s17	2n48	24n 5	1n 9	19n10	2s13	2s 0	0n 2	8s44	1n12	2n18	2s28	8s24	0n33	15n56	1s45	22s18	13s21	23n19	23n15	5n41	0n57	3s16

Julian Day Number = 2289172.5, Delta T = 168.23 sec
Ecliptic obliquity = 23°29'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'11, Lahiri = 17°39'12 Julian Calendar 1 June 1555 == Greg. Calendar 11 June 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

JULY 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 12 2	17♋35'24	3♐28	14♋16	7♊ 1	5♎39	25♎28	11♈33	22♎54	19♉22	4°R23	22♊58	21♊44	27♍39	20♍ 7	M 1
T 2	19 15 58	18°32'37	16°30	16°25	8° 9	6°12	25°31	11°34	22°55	19°24	4♓22	22°R59	21°40	27°45	20°13	T 2
W 3	19 19 55	19°29'50	29°55	18°33	9°17	6°45	25°35	11°35	22°55	19°25	4°22	22°59	21°37	27°52	20°19	W 3
T 4	19 23 52	20°27'04	13♑43	20°41	10°26	7°18	25°38	11°36	22°56	19°26	4°21	22°57	21°34	27°59	20°25	T 4
F 5	19 27 48	21°24'18	27°50	22°48	11°34	7°51	25°42	11°37	22°57	19°28	4°20	22°55	21°31	28° 6	20°31	F 5
S 6	19 31 45	22°21'33	12♒12	24°55	12°43	8°25	25°46	11°38	22°57	19°29	4°19	22°51	21°28	28°12	20°37	S 6
S 7	19 35 41	23°18'48	26°45	27° 0	13°51	8°59	25°50	11°39	22°58	19°30	4°18	22°47	21°25	28°19	20°43	S 7
M 8	19 39 38	24°16'04	11♓21	29° 4	15° 0	9°33	25°54	11°40	22°59	19°31	4°17	22°43	21°21	28°26	20°49	M 8
T 9	19 43 34	25°13'21	25°55	1♌ 7	16° 9	10° 7	25°59	11°41	23° 0	19°33	4°16	22°39	21°18	28°32	20°56	T 9
W10	19 47 31	26°10'39	10♈20	3° 8	17°18	10°41	26° 3	11°41	23° 1	19°34	4°15	22°37	21°15	28°39	21° 2	W10
T 11	19 51 27	27° 7'57	24°34	5° 8	18°27	11°15	26° 8	11°42	23° 2	19°35	4°14	22°D36	21°12	28°46	21° 9	T 11
F 12	19 55 24	28° 5'17	8♉34	7° 6	19°36	11°50	26°13	11°42	23° 3	19°36	4°13	22°36	21° 9	28°53	21°15	F 12
S 13	19 59 21	29° 2'38	22°19	9° 3	20°46	12°24	26°18	11°42	23° 4	19°37	4°12	22°37	21° 6	28°59	21°22	S 13
S 14	20 3 17	0♌ 0'00	5♊50	10°58	21°55	12°59	26°23	11°42	23° 5	19°38	4°12	22°39	21° 2	29° 6	21°28	S 14
M15	20 7 14	0°57'24	19° 7	12°52	23° 4	13°34	26°29	11°R42	23° 6	19°39	4°10	22°R40	20°59	29°13	21°35	M15
T 16	20 11 10	1°54'48	2♋12	14°44	24°14	14° 9	26°34	11°42	23° 7	19°40	4° 9	22°39	20°56	29°19	21°42	T 16
W17	20 15 7	2°52'13	15° 4	16°34	25°24	14°44	26°40	11°42	23° 8	19°41	4° 8	22°37	20°53	29°26	21°49	W17
T 18	20 19 3	3°49'39	27°44	18°23	26°33	15°20	26°46	11°42	23°10	19°42	4° 7	22°33	20°50	29°33	21°56	T 18
F 19	20 23 0	4°47'07	10♌14	20°10	27°43	15°55	26°52	11°42	23°11	19°43	4° 6	22°27	20°46	29°40	22° 3	F 19
S 20	20 26 57	5°44'35	22°32	21°55	28°53	16°31	26°58	11°41	23°13	19°43	4° 5	22°20	20°43	29°46	22°10	S 20
S 21	20 30 53	6°42'04	4♍41	23°39	0♋ 3	17° 7	27° 4	11°40	23°14	19°44	4° 4	22°12	20°40	29°53	22°17	S 21
M22	20 34 50	7°39'34	16°42	25°21	1°13	17°43	27°10	11°40	23°16	19°45	4° 3	22° 4	20°37	29°59	22°24	M22
T 23	20 38 46	8°37'04	28°36	27° 2	2°24	18°19	27°17	11°39	23°17	19°46	4° 2	21°56	20°34	0♎ 7	22°31	T 23
W24	20 42 43	9°34'36	10♎28	28°41	3°34	18°55	27°23	11°38	23°19	19°46	4° 1	21°51	20°31	0°13	22°39	W24
T 25	20 46 39	10°32'08	22°20	0♍18	4°44	19°32	27°30	11°37	23°20	19°47	4° 0	21°47	20°27	0°20	22°46	T 25
F 26	20 50 36	11°29'42	4♏17	1°54	5°55	20° 8	27°37	11°36	23°22	19°48	3°59	21°45	20°24	0°27	22°54	F 26
S 27	20 54 32	12°27'16	16°23	3°28	7° 5	20°45	27°44	11°35	23°24	19°48	3°57	21°D45	20°21	0°33	23° 1	S 27
S 28	20 58 29	13°24'51	28°44	5° 1	8°16	21°22	27°51	11°34	23°26	19°49	3°56	21°46	20°18	0°40	23° 9	S 28
M29	21 2 25	14°22'28	11♐25	6°32	9°27	21°59	27°59	11°32	23°28	19°50	3°55	21°47	20°15	0°47	23°16	M29
T 30	21 6 22	15°20'05	24°29	8° 2	10°38	22°36	28° 6	11°31	23°29	19°50	3°54	21°R47	20°12	0°54	23°24	T 30
W31	21 10 19	16♌17'44	7♑59	9♍30	11♋48	23♎13	28♎14	11♈29	23♎31	19♉51	3♓53	21♊46	20♊ 8	1♎ 0	23♍31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n20	19s11	1n45	24n 0	1n16	19n23	2s11	2s14	0n 1	8s45	1n12	2n18	2s28	8s25	0n33	15n56	1s45	22s18	13s21	23n19	23n14	5n38	0n55	3s16
T 2	22 13	22 13	0 35	23 51	1 23	19 36	2 9	2 28	0s 1	8 47	1 12	2 18	2 29	8 25	0 33	15 56	1 45	22 19	13 21	23 19	23 14	5 35	0 54	3 15
W 3	22 5	24 8	0s38	23 40	1 29	19 49	2 6	2 43	0 2	8 48	1 11	2 19	2 29	8 25	0 33	15 57	1 45	22 19	13 22	23 19	23 14	5 32	0 52	3 14
T 4	21 56	24 38	1 51	23 27	1 34	20 1	2 4	2 57	0 3	8 50	1 11	2 19	2 29	8 25	0 33	15 57	1 45	22 20	13 22	23 19	23 14	5 30	0 50	3 14
F 5	21 47	23 34	2 59	23 10	1 38	20 13	2 2	3 11	0 4	8 51	1 11	2 19	2 29	8 26	0 33	15 57	1 45	22 20	13 22	23 18	23 14	5 27	0 48	3 13
S 6	21 38	20 58	3 57	22 52	1 41	20 24	1 59	3 25	0 5	8 53	1 11	2 19	2 30	8 26	0 33	15 57	1 45	22 21	13 22	23 18	23 13	5 24	0 47	3 13
S 7	21 29	17 1	4 40	22 31	1 44	20 35	1 57	3 39	0 6	8 55	1 10	2 19	2 30	8 26	0 33	15 58	1 45	22 21	13 23	23 18	23 13	5 21	0 45	3 12
M 8	21 19	12 2	5 6	22 8	1 46	20 45	1 54	3 54	0 7	8 57	1 10	2 19	2 30	8 27	0 33	15 58	1 45	22 22	13 23	23 18	23 13	5 19	0 43	3 12
T 9	21 9	6 23	5 11	21 42	1 47	20 55	1 52	4 8	0 8	8 59	1 10	2 19	2 31	8 27	0 33	15 58	1 45	22 23	13 23	23 18	23 13	5 16	0 41	3 11
W10	20 58	0 27	4 57	21 15	1 48	21 5	1 49	4 22	0 9	9 0	1 9	2 19	2 31	8 27	0 33	15 59	1 45	22 23	13 23	23 17	23 12	5 13	0 39	3 10
T 11	20 47	5n26	4 25	20 46	1 48	21 14	1 46	4 37	0 10	9 2	1 9	2 19	2 31	8 28	0 33	15 59	1 45	22 24	13 24	23 17	23 12	5 10	0 37	3 10
F 12	20 36	10 58	3 37	20 16	1 47	21 22	1 44	4 51	0 11	9 4	1 9	2 19	2 31	8 28	0 33	15 59	1 45	22 24	13 24	23 17	23 12	5 7	0 35	3 9
S 13	20 24	15 51	2 38	19 44	1 46	21 30	1 41	5 6	0 12	9 6	1 9	2 19	2 32	8 29	0 33	15 59	1 45	22 25	13 24	23 17	23 12	5 5	0 33	3 9
S 14	20 12	19 51	1 30	19 11	1 44	21 37	1 38	5 20	0 13	9 9	1 8	2 18	2 32	8 29	0 33	15 59	1 46	22 25	13 24	23 18	23 12	5 2	0 30	3 8
M15	20 0	22 44	0 19	18 37	1 41	21 44	1 35	5 35	0 14	9 11	1 8	2 18	2 32	8 30	0 33	16 0	1 46	22 26	13 25	23 18	23 11	4 59	0 28	3 8
T 16	19 47	24 20	0n52	18 1	1 38	21 50	1 32	5 49	0 15	9 13	1 8	2 18	2 33	8 30	0 33	16 0	1 46	22 27	13 25	23 18	23 11	4 56	0 26	3 7
W17	19 34	24 36	1 58	17 25	1 35	21 56	1 29	6 4	0 16	9 15	1 8	2 18	2 33	8 31	0 33	16 0	1 46	22 27	13 25	23 17	23 11	4 53	0 24	3 7
T 18	19 21	23 35	2 58	16 48	1 31	22 1	1 26	6 18	0 17	9 18	1 7	2 17	2 33	8 31	0 33	16 0	1 46	22 28	13 25	23 17	23 11	4 51	0 22	3 6
F 19	19 7	21 23	3 49	16 10	1 26	22 5	1 23	6 33	0 18	9 20	1 7	2 17	2 33	8 32	0 33	16 0	1 46	22 28	13 25	23 17	23 11	4 48	0 19	3 6
S 20	18 53	18 15	4 27	15 31	1 21	22 9	1 20	6 48	0 19	9 22	1 7	2 16	2 34	8 32	0 33	16 1	1 46	22 29	13 26	23 16	23 10	4 45	0 17	3 5
S 21	18 39	14 22	4 53	14 52	1 16	22 12	1 17	7 2	0 20	9 25	1 7	2 16	2 34	8 33	0 33	16 1	1 46	22 30	13 26	23 16	23 10	4 42	0 15	3 4
M22	18 24	9 58	5 6	14 12	1 10	22 15	1 14	7 17	0 20	9 27	1 6	2 15	2 34	8 33	0 33	16 1	1 46	22 30	13 26	23 16	23 10	4 39	0 12	3 4
T 23	18 9	5 13	5 5	13 32	1 4	22 17	1 11	7 32	0 21	9 30	1 6	2 15	2 35	8 34	0 32	16 1	1 46	22 31	13 26	23 15	23 10	4 37	0 10	3 3
W24	17 54	0 19	4 52	12 52	0 58	22 19	1 8	7 46	0 22	9 33	1 6	2 14	2 35	8 35	0 32	16 1	1 46	22 31	13 26	23 15	23 9	4 34	0 8	3 3
T 25	17 38	4s37	4 25	12 11	0 51	22 20	1 5	8 1	0 23	9 35	1 6	2 14	2 35	8 35	0 32	16 1	1 46	22 32	13 27	23 15	23 9	4 31	0 5	3 2
F 26	17 23	9 25	3 47	11 30	0 44	22 20	1 2	8 16	0 24	9 38	1 6	2 13	2 35	8 36	0 32	16 1	1 46	22 33	13 27	23 14	23 9	4 28	0 3	3 2
S 27	17 6	13 56	2 58	10 49	0 36	22 20	0 59	8 30	0 25	9 41	1 5	2 12	2 36	8 37	0 32	16 2	1 46	22 33	13 27	23 14	23 9	4 25	0 0	3 1
S 28	16 50	17 58	2 1	10 9	0 29	22 19	0 56	8 45	0 26	9 43	1 5	2 11	2 36	8 37	0 32	16 2	1 46	22 34	13 27	23 14	23 9	4 22	0s 2	3 1
M29	16 33	21 17	0 55	9 28	0 21	22 17	0 52	9 0	0 27	9 46	1 5	2 11	2 36	8 38	0 32	16 2	1 46	22 34	13 27	23 15	23 8	4 20	0 5	3 1
T 30	16 17	23 37	0s14	8 47	0 13	22 15	0 49	9 14	0 27	9 49	1 5	2 10	2 36	8 39	0 32	16 2	1 46	22 35	13 27	23 15	23 8	4 17	0 8	3 0
W31	15n59	24s41	1s26	8n 6	0n 5	22n13	0s46	9s29	0s28	9s52	1n 4	2n 9	2s37	8s39	0n32	16n 2	1s46	22s35	13s27	23n14	23n 8	4n14	0s10	3s 0

Julian Day Number = 2289202.5, Delta T = 168.06 sec
Ecliptic obliquity = 23°29'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'15, Lahiri = 17°39'16 Julian Calendar 1 July 1555 == Greg. Calendar 11 July 1555

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1555
geocentric

AUGUST 1555 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 14 15	17♌15'23	21♉57	10♍56	12♋59	23♎50	28♎22	11°R27	23♎33	19♉51	3°R52	21°R43	20♊ 5	1♎ 7	23♍39	T 1
F 2	21 18 12	18°13'04	6♒20	12°21	14°10	24°28	28°29	11♈26	23°35	19°51	3♓50	21♊37	20° 2	1°14	23°47	F 2
S 3	21 22 8	19°10'46	21° 5	13°44	15°22	25° 5	28°37	11°24	23°38	19°52	3°49	21°30	19°59	1°20	23°55	S 3
S 4	21 26 5	20° 8'29	6♓ 2	15° 6	16°33	25°43	28°45	11°22	23°40	19°52	3°48	21°21	19°56	1°27	24° 3	S 4
M 5	21 30 1	21° 6'14	21° 3	16°25	17°44	26°21	28°54	11°20	23°42	19°53	3°47	21°12	19°52	1°34	24°11	M 5
T 6	21 33 58	22° 4'00	5♈59	17°43	18°55	26°59	29° 2	11°17	23°44	19°53	3°45	21° 4	19°49	1°41	24°18	T 6
W 7	21 37 54	23° 1'48	20°42	18°59	20° 7	27°37	29°10	11°15	23°46	19°53	3°44	20°59	19°46	1°47	24°26	W 7
T 8	21 41 51	23°59'38	5♉ 6	20°14	21°18	28°15	29°19	11°13	23°49	19°53	3°43	20°55	19°43	1°54	24°35	T 8
F 9	21 45 48	24°57'30	19° 8	21°26	22°30	28°53	29°28	11°10	23°51	19°53	3°42	20°D53	19°40	2° 1	24°43	F 9
S 10	21 49 44	25°55'23	2♊48	22°36	23°42	29°32	29°36	11° 8	23°53	19°54	3°40	20°53	19°37	2° 8	24°51	S 10
S 11	21 53 41	26°53'18	16° 8	23°45	24°53	0♏10	29°45	11° 5	23°56	19°54	3°39	20°R54	19°33	2°14	24°59	S 11
M12	21 57 37	27°51'16	29°10	24°51	26° 5	0°49	29°54	11° 3	23°58	19°54	3°38	20°54	19°30	2°21	25° 7	M12
T 13	22 1 34	28°49'15	11♋57	25°54	27°17	1°28	0♏ 3	11° 0	24° 1	19°54	3°37	20°52	19°27	2°28	25°15	T 13
W14	22 5 30	29°47'16	24°32	26°56	28°29	2° 6	0°13	10°57	24° 3	19°R54	3°35	20°47	19°24	2°34	25°24	W14
T 15	22 9 27	0♍45'18	6♌56	27°55	29°41	2°45	0°22	10°54	24° 6	19°54	3°34	20°40	19°21	2°41	25°32	T 15
F 16	22 13 23	1°43'23	19°11	28°51	0♌53	3°25	0°31	10°51	24° 8	19°54	3°33	20°30	19°18	2°48	25°40	F 16
S 17	22 17 20	2°41'29	1♍19	29°44	2° 6	4° 4	0°41	10°48	24°11	19°54	3°32	20°18	19°14	2°55	25°49	S 17
S 18	22 21 17	3°39'36	13°20	0♎34	3°18	4°43	0°51	10°45	24°14	19°54	3°30	20° 5	19°11	3° 1	25°57	S 18
M19	22 25 13	4°37'46	25°16	1°21	4°30	5°23	1° 0	10°41	24°16	19°54	3°29	19°52	19° 8	3° 8	26° 6	M19
T 20	22 29 10	5°35'57	7♎ 8	2° 4	5°43	6° 2	1°10	10°38	24°19	19°53	3°28	19°40	19° 5	3°15	26°14	T 20
W21	22 33 6	6°34'09	18°58	2°44	6°55	6°42	1°20	10°34	24°22	19°53	3°27	19°29	19° 2	3°21	26°23	W21
T 22	22 37 3	7°32'23	0♏49	3°20	8° 8	7°22	1°30	10°31	24°25	19°53	3°25	19°22	18°58	3°28	26°31	T 22
F 23	22 40 59	8°30'39	12°44	3°52	9°20	8° 1	1°40	10°27	24°28	19°53	3°24	19°17	18°55	3°35	26°40	F 23
S 24	22 44 56	9°28'57	24°48	4°19	10°33	8°41	1°50	10°24	24°31	19°52	3°23	19°14	18°52	3°42	26°48	S 24
S 25	22 48 52	10°27'16	7♐ 6	4°41	11°46	9°22	2° 1	10°20	24°33	19°52	3°22	19°D13	18°49	3°48	26°57	S 25
M26	22 52 49	11°25'36	19°42	4°58	12°58	10° 2	2°11	10°16	24°36	19°52	3°20	19°R13	18°46	3°55	27° 5	M26
T 27	22 56 46	12°23'58	2♑41	5°10	14°11	10°42	2°22	10°12	24°39	19°51	3°19	19°13	18°43	4° 2	27°14	T 27
W28	23 0 42	13°22'22	16° 8	5°R16	15°24	11°22	2°32	10° 8	24°42	19°51	3°18	19°11	18°39	4° 8	27°23	W28
T 29	23 4 39	14°20'48	0♒ 5	5°15	16°37	12° 3	2°43	10° 4	24°46	19°50	3°17	19° 7	18°36	4°15	27°31	T 29
F 30	23 8 35	15°19'15	14°31	5° 9	17°50	12°43	2°54	10° 0	24°49	19°50	3°15	19° 0	18°33	4°22	27°40	F 30
S 31	23 12 32	16♍17'43	29♒23	4♎55	19♌ 3	13♏24	3♏ 4	9♈56	24♎52	19♉49	3♓14	18♊50	18♊30	4♎29	27♍49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n42	24s14	2s34	7n25	0s 4	22n 9	0s43	9s43	0s29	9s55	1n 4	2n 8	2s37	8s40	0n32	16n 2	1s47	22s36	13s28	23n14	23n 8	4n11	0s13	2s59
F 2	15 24	22 12	3 35	6 45	0 13	22 5	0 40	9 58	0 30	9 58	1 4	2 7	2 37	8 41	0 32	16 2	1 47	22 37	13 28	23 14	23 7	4 8	0 15	2 59
S 3	15 6	18 39	4 23	6 5	0 21	22 1	0 36	10 13	0 31	10 1	1 4	2 6	2 37	8 42	0 32	16 2	1 47	22 37	13 28	23 13	23 7	4 5	0 18	2 58
S 4	14 48	13 52	4 53	5 25	0 30	21 55	0 33	10 27	0 31	10 4	1 4	2 5	2 38	8 43	0 32	16 2	1 47	22 38	13 28	23 13	23 7	4 3	0 21	2 58
M 5	14 30	8 12	5 4	4 46	0 40	21 49	0 30	10 42	0 32	10 7	1 3	2 4	2 38	8 43	0 32	16 2	1 47	22 38	13 28	23 12	23 7	4 0	0 24	2 57
T 6	14 11	2 7	4 54	4 7	0 49	21 43	0 27	10 56	0 33	10 10	1 3	2 3	2 38	8 44	0 32	16 2	1 47	22 39	13 28	23 12	23 6	3 57	0 26	2 57
W 7	13 52	4n 1	4 24	3 29	0 58	21 36	0 24	11 11	0 34	10 14	1 3	2 2	2 38	8 45	0 32	16 2	1 47	22 39	13 28	23 11	23 6	3 54	0 29	2 56
T 8	13 33	9 49	3 39	2 51	1 8	21 28	0 20	11 25	0 35	10 17	1 3	2 1	2 39	8 46	0 32	16 2	1 47	22 40	13 28	23 11	23 6	3 51	0 32	2 56
F 9	13 14	14 58	2 41	2 13	1 17	21 20	0 17	11 39	0 35	10 20	1 2	2 0	2 39	8 47	0 32	16 2	1 47	22 41	13 28	23 11	23 6	3 48	0 35	2 56
S 10	12 55	19 13	1 35	1 37	1 27	21 11	0 14	11 54	0 36	10 23	1 2	1 58	2 39	8 48	0 32	16 2	1 47	22 41	13 29	23 11	23 5	3 46	0 38	2 55
S 11	12 35	22 21	0 25	1 1	1 36	21 1	0 11	12 8	0 37	10 27	1 2	1 57	2 39	8 49	0 32	16 2	1 47	22 42	13 29	23 11	23 5	3 43	0 40	2 55
M12	12 15	24 14	0n44	0 26	1 46	20 51	0 8	12 22	0 38	10 30	1 2	1 56	2 40	8 50	0 32	16 2	1 47	22 42	13 29	23 11	23 5	3 40	0 43	2 54
T 13	11 55	24 46	1 49	0s 8	1 55	20 40	0 5	12 37	0 38	10 33	1 2	1 55	2 40	8 51	0 32	16 2	1 47	22 43	13 29	23 11	23 5	3 37	0 46	2 54
W14	11 34	24 2	2 48	0 41	2 5	20 29	0 2	12 51	0 39	10 37	1 1	1 53	2 40	8 52	0 32	16 2	1 47	22 43	13 29	23 11	23 4	3 34	0 49	2 53
T 15	11 14	22 6	3 38	1 13	2 14	20 17	0n 1	13 5	0 40	10 40	1 1	1 52	2 40	8 53	0 32	16 2	1 47	22 44	13 29	23 10	23 4	3 31	0 52	2 53
F 16	10 53	19 11	4 18	1 44	2 24	20 5	0 4	13 19	0 40	10 44	1 1	1 51	2 41	8 54	0 32	16 2	1 47	22 44	13 29	23 9	23 4	3 28	0 55	2 53
S 17	10 32	15 28	4 44	2 14	2 33	19 52	0 7	13 33	0 41	10 47	1 1	1 49	2 41	8 55	0 32	16 2	1 47	22 45	13 29	23 9	23 4	3 26	0 58	2 52
S 18	10 11	11 9	4 58	2 42	2 42	19 38	0 10	13 47	0 42	10 51	1 1	1 48	2 41	8 56	0 32	16 2	1 48	22 45	13 29	23 8	23 3	3 23	1 1	2 52
M19	9 50	6 28	4 59	3 9	2 51	19 24	0 13	14 1	0 43	10 54	1 0	1 46	2 41	8 57	0 32	16 2	1 48	22 46	13 29	23 7	23 3	3 20	1 4	2 51
T 20	9 29	1 33	4 47	3 35	3 0	19 9	0 16	14 15	0 43	10 58	1 0	1 45	2 41	8 58	0 32	16 2	1 48	22 46	13 29	23 6	23 3	3 17	1 7	2 51
W21	9 7	3s24	4 22	3 58	3 9	18 54	0 19	14 29	0 44	11 2	1 0	1 43	2 42	8 59	0 32	16 1	1 48	22 47	13 29	23 5	23 3	3 14	1 10	2 51
T 22	8 46	8 15	3 46	4 20	3 17	18 38	0 22	14 42	0 45	11 5	1 0	1 42	2 42	9 0	0 32	16 1	1 48	22 47	13 29	23 4	23 2	3 11	1 13	2 50
F 23	8 24	12 50	3 0	4 40	3 25	18 21	0 25	14 56	0 45	11 9	1 0	1 40	2 42	9 1	0 32	16 1	1 48	22 48	13 29	23 4	23 2	3 8	1 16	2 50
S 24	8 2	16 59	2 5	4 57	3 32	18 4	0 27	15 9	0 46	11 13	1 0	1 38	2 42	9 2	0 31	16 1	1 48	22 48	13 29	23 4	23 2	3 6	1 19	2 50
S 25	7 40	20 30	1 4	5 13	3 39	17 47	0 30	15 23	0 47	11 16	0 59	1 37	2 42	9 3	0 31	16 1	1 48	22 49	13 29	23 4	23 2	3 3	1 22	2 49
M26	7 18	23 8	0s 3	5 25	3 45	17 29	0 33	15 36	0 47	11 20	0 59	1 35	2 42	9 4	0 31	16 1	1 48	22 49	13 29	23 4	23 1	3 0	1 25	2 49
T 27	6 55	24 39	1 11	5 35	3 51	17 10	0 35	15 50	0 48	11 24	0 59	1 34	2 43	9 5	0 31	16 1	1 48	22 50	13 29	23 4	23 1	2 57	1 28	2 49
W28	6 33	24 47	2 17	5 42	3 55	16 52	0 38	16 3	0 48	11 28	0 59	1 32	2 43	9 6	0 31	16 0	1 48	22 50	13 29	23 3	23 1	2 54	1 32	2 48
T 29	6 11	23 24	3 18	5 45	3 59	16 32	0 40	16 16	0 49	11 32	0 59	1 30	2 43	9 8	0 31	16 0	1 48	22 51	13 29	23 3	23 0	2 51	1 35	2 48
F 30	5 48	20 28	4 8	5 45	4 2	16 12	0 43	16 29	0 50	11 35	0 59	1 28	2 43	9 9	0 31	16 0	1 48	22 51	13 29	23 2	23 0	2 48	1 38	2 48
S 31	5n25	16s 8	4s43	5s41	4s 4	15n52	0n45	16s42	0s50	11s39	0n58	1n27	2s43	9s10	0n31	16n 0	1s48	22s51	13s29	23n 2	23n 0	2n45	1s41	2s47

Julian Day Number = 2289233.5, Delta T = 167.88 sec
Ecliptic obliquity = 23°29'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'20, Lahiri = 17°39'20 Julian Calendar 1 Aug. 1555 == Greg. Calendar 11 Aug. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

SEPTEMBER 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 16 28	17♍16'14	14♓33	4°R35	20♌16	14♏ 5	3♏15	9°R52	24♎55	19°R49	3°R13	18°R40	18♊27	4♎35	27♍57	S 1
M 2	23 20 25	18°14'46	29°51	4♎ 8	21°30	14°46	3°26	9♈48	24°58	19♉48	3♓12	18♊28	18°23	4°42	28° 6	M 2
T 3	23 24 21	19°13'21	15♈ 5	3°34	22°43	15°27	3°37	9°44	25° 1	19°48	3°10	18°18	18°20	4°49	28°15	T 3
W 4	23 28 18	20°11'57	0♉ 6	2°53	23°56	16° 8	3°49	9°39	25° 5	19°47	3° 9	18°10	18°17	4°55	28°24	W 4
T 5	23 32 15	21°10'36	14°44	2° 5	25°10	16°49	4° 0	9°35	25° 8	19°46	3° 8	18° 5	18°14	5° 2	28°33	T 5
F 6	23 36 11	22° 9'17	28°57	1°12	26°23	17°30	4°11	9°31	25°11	19°45	3° 7	18° 3	18°11	5° 9	28°41	F 6
S 7	23 40 8	23° 8'00	12♊42	0°14	27°37	18°12	4°22	9°26	25°14	19°45	3° 6	18° 2	18° 8	5°16	28°50	S 7
S 8	23 44 4	24° 6'46	26° 2	29♍12	28°50	18°53	4°34	9°22	25°18	19°44	3° 5	18° 2	18° 4	5°22	28°59	S 8
M 9	23 48 1	25° 5'34	8♋59	28° 7	0♍ 4	19°35	4°45	9°17	25°21	19°43	3° 3	18° 1	18° 1	5°29	29° 8	M 9
T 10	23 51 57	26° 4'24	21°38	27° 1	1°18	20°16	4°57	9°13	25°24	19°42	3° 2	17°59	17°58	5°36	29°17	T 10
W11	23 55 54	27° 3'16	4♌ 2	25°55	2°31	20°58	5° 8	9° 8	25°28	19°41	3° 1	17°54	17°55	5°43	29°25	W11
T 12	23 59 50	28° 2'11	16°15	24°50	3°45	21°40	5°20	9° 4	25°31	19°41	3° 0	17°47	17°52	5°49	29°34	T 12
F 13	0 3 47	29° 1'08	28°20	23°50	4°59	22°22	5°32	8°59	25°35	19°40	2°59	17°37	17°49	5°56	29°43	F 13
S 14	0 7 44	0♎ 0'07	10♍19	22°55	6°13	23° 4	5°44	8°54	25°38	19°39	2°58	17°24	17°45	6° 3	29°52	S 14
S 15	0 11 40	0°59'08	22°14	22° 7	7°27	23°46	5°56	8°50	25°42	19°38	2°57	17°10	17°42	6° 9	0♎ 1	S 15
M16	0 15 37	1°58'11	4♎ 6	21°27	8°41	24°28	6° 8	8°45	25°45	19°37	2°56	16°56	17°39	6°16	0°10	M16
T 17	0 19 33	2°57'17	15°57	20°56	9°55	25°11	6°20	8°40	25°49	19°36	2°55	16°43	17°36	6°23	0°18	T 17
W18	0 23 30	3°56'24	27°49	20°35	11° 9	25°53	6°32	8°36	25°52	19°35	2°53	16°32	17°33	6°30	0°27	W18
T 19	0 27 26	4°55'33	9♏42	20°24	12°23	26°35	6°44	8°31	25°56	19°34	2°52	16°24	17°29	6°36	0°36	T 19
F 20	0 31 23	5°54'44	21°41	20°D24	13°37	27°18	6°56	8°26	25°59	19°32	2°51	16°19	17°26	6°43	0°45	F 20
S 21	0 35 19	6°53'57	3♐47	20°35	14°51	28° 1	7° 8	8°21	26° 3	19°31	2°50	16°16	17°23	6°50	0°54	S 21
S 22	0 39 16	7°53'12	16° 5	20°56	16° 6	28°43	7°20	8°17	26° 7	19°30	2°49	16°D15	17°20	6°56	1° 3	S 22
M23	0 43 12	8°52'29	28°39	21°26	17°20	29°26	7°33	8°12	26°10	19°29	2°48	16°16	17°17	7° 3	1°11	M23
T 24	0 47 9	9°51'48	11♑33	22° 6	18°34	0♐ 9	7°45	8° 7	26°14	19°28	2°47	16°R16	17°14	7°10	1°20	T 24
W25	0 51 6	10°51'08	24°53	22°55	19°49	0°52	7°58	8° 2	26°18	19°27	2°46	16°15	17°10	7°17	1°29	W25
T 26	0 55 2	11°50'30	8♒40	23°51	21° 3	1°35	8°10	7°58	26°21	19°25	2°46	16°12	17° 7	7°23	1°38	T 26
F 27	0 58 59	12°49'54	22°57	24°55	22°18	2°18	8°23	7°53	26°25	19°24	2°45	16° 7	17° 4	7°30	1°46	F 27
S 28	1 2 55	13°49'20	7♓40	26° 4	23°32	3° 1	8°35	7°48	26°29	19°23	2°44	15°59	17° 1	7°37	1°55	S 28
S 29	1 6 52	14°48'47	22°45	27°20	24°47	3°45	8°48	7°43	26°32	19°21	2°43	15°50	16°58	7°43	2° 4	S 29
M30	1 10 48	15♎48'16	8♈ 3	28♍40	26♍ 1	4♐28	9♏ 0	7♈39	26♎36	19♉20	2♓42	15♊41	16♊54	7♎50	2♎13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n 2	10s42	4s59	5s34	4s 4	15n31	0n48	16s55	0s51	11s43	0n58	1n25	2s43	9s11	0n31	16n 0	1s48	22s52	13s29	23n 1	23n 0	2n42	1s44	2s47
M 2	4 40	4 34	4 54	5 22	4 3	15 10	0 50	17 8	0 51	11 47	0 58	1 23	2 44	9 12	0 31	15 59	1 48	22 52	13 29	23 0	22 59	2 40	1 47	2 47
T 3	4 17	1n50	4 28	5 6	4 1	14 48	0 52	17 20	0 52	11 51	0 58	1 21	2 44	9 13	0 31	15 59	1 48	22 53	13 29	22 59	22 59	2 37	1 51	2 46
W 4	3 53	8 2	3 44	4 46	3 57	14 26	0 54	17 33	0 53	11 55	0 58	1 20	2 44	9 15	0 31	15 59	1 48	22 53	13 29	22 58	22 59	2 34	1 54	2 46
T 5	3 30	13 39	2 46	4 21	3 50	14 3	0 57	17 45	0 53	11 59	0 58	1 18	2 44	9 16	0 31	15 59	1 49	22 53	13 29	22 58	22 59	2 31	1 57	2 46
F 6	3 7	18 22	1 39	3 53	3 42	13 40	0 59	17 57	0 54	12 3	0 57	1 16	2 44	9 17	0 31	15 59	1 49	22 54	13 29	22 57	22 58	2 28	2 0	2 45
S 7	2 44	21 55	0 28	3 21	3 33	13 17	1 1	18 9	0 54	12 7	0 57	1 14	2 44	9 18	0 31	15 58	1 49	22 54	13 29	22 57	22 58	2 25	2 3	2 45
S 8	2 21	24 8	0n42	2 45	3 21	12 53	1 3	18 22	0 55	12 11	0 57	1 12	2 44	9 20	0 31	15 58	1 49	22 55	13 29	22 57	22 58	2 22	2 7	2 45
M 9	1 57	25 0	1 48	2 6	3 7	12 29	1 5	18 33	0 55	12 15	0 57	1 10	2 44	9 21	0 31	15 58	1 49	22 55	13 28	22 57	22 57	2 19	2 10	2 44
T 10	1 34	24 31	2 48	1 26	2 51	12 5	1 7	18 45	0 56	12 19	0 57	1 8	2 44	9 22	0 31	15 58	1 49	22 55	13 28	22 57	22 57	2 16	2 13	2 44
W11	1 10	22 49	3 37	0 44	2 34	11 40	1 8	18 57	0 56	12 23	0 57	1 7	2 45	9 23	0 31	15 57	1 49	22 56	13 28	22 57	22 57	2 14	2 16	2 44
T 12	0 47	20 5	4 17	0 2	2 16	11 15	1 10	19 8	0 57	12 27	0 57	1 5	2 45	9 25	0 31	15 57	1 49	22 56	13 28	22 56	22 57	2 11	2 20	2 44
F 13	0 23	16 31	4 44	0n40	1 57	10 49	1 12	19 20	0 57	12 31	0 56	1 3	2 45	9 26	0 31	15 57	1 49	22 56	13 28	22 55	22 56	2 8	2 23	2 43
S 14	0s 0	12 18	4 58	1 20	1 37	10 23	1 13	19 31	0 58	12 35	0 56	1 1	2 45	9 27	0 31	15 56	1 49	22 57	13 28	22 54	22 56	2 5	2 26	2 43
S 15	0 24	7 40	4 59	1 58	1 16	9 57	1 15	19 42	0 58	12 39	0 56	0 59	2 45	9 28	0 31	15 56	1 49	22 57	13 28	22 53	22 56	2 2	2 30	2 43
M16	0 47	2 45	4 47	2 32	0 56	9 31	1 16	19 53	0 59	12 43	0 56	0 57	2 45	9 30	0 31	15 56	1 49	22 57	13 28	22 51	22 55	1 59	2 33	2 42
T 17	1 11	2s15	4 23	3 3	0 36	9 4	1 18	20 4	0 59	12 47	0 56	0 55	2 45	9 31	0 31	15 55	1 49	22 57	13 28	22 50	22 55	1 56	2 36	2 42
W18	1 34	7 11	3 47	3 29	0 17	8 37	1 19	20 15	1 0	12 51	0 56	0 53	2 45	9 32	0 31	15 55	1 49	22 58	13 27	22 49	22 55	1 53	2 39	2 42
T 19	1 58	11 54	3 1	3 50	0n 1	8 10	1 20	20 25	1 0	12 55	0 56	0 51	2 45	9 34	0 31	15 55	1 49	22 58	13 27	22 48	22 54	1 50	2 43	2 42
F 20	2 21	16 11	2 7	4 6	0 19	7 43	1 22	20 35	1 1	12 59	0 55	0 50	2 45	9 35	0 31	15 54	1 49	22 58	13 27	22 48	22 54	1 47	2 46	2 41
S 21	2 45	19 53	1 6	4 16	0 35	7 15	1 23	20 45	1 1	13 3	0 55	0 48	2 45	9 36	0 31	15 54	1 49	22 58	13 27	22 47	22 54	1 44	2 49	2 41
S 22	3 8	22 45	0 1	4 22	0 50	6 47	1 24	20 55	1 2	13 8	0 55	0 46	2 45	9 38	0 31	15 54	1 49	22 59	13 27	22 47	22 54	1 41	2 53	2 41
M23	3 32	24 35	1s 5	4 22	1 3	6 19	1 25	21 5	1 2	13 12	0 55	0 44	2 45	9 39	0 31	15 53	1 49	22 59	13 27	22 47	22 53	1 39	2 56	2 41
T 24	3 55	25 10	2 10	4 17	1 15	5 51	1 26	21 15	1 2	13 16	0 55	0 42	2 45	9 40	0 31	15 53	1 49	22 59	13 26	22 47	22 53	1 36	2 59	2 40
W25	4 18	24 20	3 10	4 7	1 25	5 22	1 27	21 24	1 3	13 20	0 55	0 40	2 45	9 42	0 31	15 53	1 49	22 59	13 26	22 47	22 53	1 33	3 2	2 40
T 26	4 42	22 1	4 2	3 53	1 34	4 54	1 27	21 34	1 3	13 24	0 55	0 38	2 45	9 43	0 31	15 52	1 49	23 0	13 26	22 47	22 52	1 30	3 6	2 40
F 27	5 5	18 18	4 40	3 35	1 41	4 25	1 28	21 43	1 4	13 28	0 55	0 36	2 45	9 44	0 31	15 52	1 49	23 0	13 26	22 46	22 52	1 27	3 9	2 40
S 28	5 28	13 21	5 1	3 13	1 48	3 56	1 29	21 52	1 4	13 32	0 55	0 35	2 45	9 46	0 31	15 52	1 50	23 0	13 26	22 46	22 52	1 24	3 12	2 40
S 29	5 51	7 30	5 2	2 47	1 53	3 27	1 29	22 0	1 4	13 36	0 54	0 33	2 45	9 47	0 31	15 51	1 50	23 0	13 26	22 45	22 51	1 21	3 16	2 39
M30	6s14	1s 6	4s41	2n19	1n56	2n58	1n30	22s 9	1s 5	13s41	0n54	0n31	2s45	9s48	0n31	15n51	1s50	23s 0	13s25	22n44	22n51	1n18	3s19	2s39

Julian Day Number = 2289264.5, Delta T = 167.70 sec
Ecliptic obliquity = 23°29'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'24, Lahiri = 17°39'24 Julian Calendar 1 Sept. 1555 == Greg. Calendar 11 Sept. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

OCTOBER 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 14 45	16♎47'48	23♈22	0♎ 4	27♍16	5♐12	9♏13	7°R34	26♎40	19°R19	2°R41	15°R33	16♊51	7♎57	2♎21	T 1
W 2	1 18 41	17°47'21	8♉32	1°32	28°30	5°55	9°26	7♈29	26°43	19♉17	2♓40	15♊26	16°48	8° 4	2°30	W 2
T 3	1 22 38	18°46'57	23°22	3° 2	29°45	6°39	9°39	7°25	26°47	19°16	2°39	15°22	16°45	8°10	2°39	T 3
F 4	1 26 35	19°46'35	7♊46	4°35	1♎ 0	7°22	9°51	7°20	26°51	19°15	2°39	15°20	16°42	8°17	2°47	F 4
S 5	1 30 31	20°46'15	21°42	6°10	2°15	8° 6	10° 4	7°16	26°55	19°13	2°38	15°D20	16°39	8°24	2°56	S 5
S 6	1 34 28	21°45'57	5♋ 9	7°47	3°29	8°50	10°17	7°11	26°58	19°12	2°37	15°20	16°35	8°30	3° 4	S 6
M 7	1 38 24	22°45'42	18°10	9°25	4°44	9°34	10°30	7° 7	27° 2	19°10	2°36	15°R21	16°32	8°37	3°13	M 7
T 8	1 42 21	23°45'29	0♌50	11° 3	5°59	10°18	10°43	7° 2	27° 6	19° 9	2°36	15°21	16°29	8°44	3°22	T 8
W 9	1 46 17	24°45'19	13°12	12°43	7°14	11° 2	10°56	6°58	27°10	19° 7	2°35	15°19	16°26	8°51	3°30	W 9
T 10	1 50 14	25°45'10	25°21	14°23	8°29	11°46	11° 9	6°53	27°14	19° 6	2°34	15°15	16°23	8°57	3°39	T 10
F 11	1 54 10	26°45'04	7♍20	16° 3	9°44	12°30	11°22	6°49	27°17	19° 4	2°34	15° 9	16°20	9° 4	3°47	F 11
S 12	1 58 7	27°45'00	19°14	17°44	10°59	13°15	11°35	6°45	27°21	19° 3	2°33	15° 1	16°16	9°11	3°55	S 12
S 13	2 2 4	28°44'58	1♎ 6	19°24	12°14	13°59	11°48	6°41	27°25	19° 1	2°32	14°52	16°13	9°17	4° 4	S 13
M14	2 6 0	29°44'57	12°57	21° 5	13°29	14°43	12° 1	6°36	27°29	18°59	2°32	14°43	16°10	9°24	4°12	M14
T 15	2 9 57	0♏44'59	24°50	22°45	14°44	15°28	12°14	6°32	27°32	18°58	2°31	14°34	16° 7	9°31	4°20	T 15
W16	2 13 53	1°45'03	6♏46	24°25	15°59	16°12	12°27	6°28	27°36	18°56	2°31	14°27	16° 4	9°37	4°29	W16
T 17	2 17 50	2°45'09	18°47	26° 5	17°14	16°57	12°41	6°24	27°40	18°55	2°30	14°22	16° 0	9°44	4°37	T 17
F 18	2 21 46	3°45'17	0♐54	27°44	18°29	17°42	12°54	6°20	27°44	18°53	2°30	14°19	15°57	9°51	4°45	F 18
S 19	2 25 43	4°45'26	13°10	29°24	19°44	18°27	13° 7	6°16	27°47	18°51	2°29	14°D18	15°54	9°58	4°53	S 19
S 20	2 29 39	5°45'37	25°37	1♏ 2	20°59	19°11	13°20	6°13	27°51	18°50	2°29	14°18	15°51	10° 4	5° 1	S 20
M21	2 33 36	6°45'50	8♑17	2°41	22°14	19°56	13°33	6° 9	27°55	18°48	2°28	14°20	15°48	10°11	5°10	M21
T 22	2 37 33	7°46'04	21°14	4°19	23°30	20°41	13°47	6° 5	27°59	18°47	2°28	14°21	15°45	10°18	5°18	T 22
W23	2 41 29	8°46'20	4♒31	5°57	24°45	21°26	14° 0	6° 2	28° 2	18°45	2°28	14°R22	15°41	10°24	5°26	W23
T 24	2 45 26	9°46'37	18°10	7°34	26° 0	22°11	14°13	5°58	28° 6	18°43	2°27	14°22	15°38	10°31	5°34	T 24
F 25	2 49 22	10°46'56	2♓13	9°11	27°15	22°57	14°26	5°55	28°10	18°42	2°27	14°20	15°35	10°38	5°41	F 25
S 26	2 53 19	11°47'16	16°39	10°48	28°31	23°42	14°40	5°51	28°13	18°40	2°27	14°17	15°32	10°45	5°49	S 26
S 27	2 57 15	12°47'37	1♈25	12°24	29°46	24°27	14°53	5°48	28°17	18°38	2°26	14°13	15°29	10°51	5°57	S 27
M28	3 1 12	13°48'00	16°25	14° 0	1♏ 1	25°12	15° 6	5°45	28°21	18°36	2°26	14° 8	15°26	10°58	6° 5	M28
T 29	3 5 8	14°48'24	1♉30	15°36	2°16	25°58	15°20	5°42	28°24	18°35	2°26	14° 4	15°22	11° 5	6°13	T 29
W30	3 9 5	15°48'50	16°30	17°11	3°32	26°43	15°33	5°38	28°28	18°33	2°26	14° 1	15°19	11°11	6°20	W30
T 31	3 13 2	16♏49'18	1♊18	18♏47	4♏47	27♐29	15♏46	5♈35	28♎32	18♉31	2♓25	13♊59	15♊16	11♎18	6♎28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s37	5n22	4s 1	1n48	1n59	2n28	1n30	22s17	1s 5	13s45	0n54	0n29	2s45	9s50	0n31	15n50	1s50	23s 0	13s25	22n43	22n51	1n15	3s22	2s39
W 2	7 0	11 29	3 4	1 14	2 1	1 59	1 31	22 25	1 6	13 49	0 54	0 27	2 45	9 51	0 31	15 50	1 50	23 0	13 25	22 42	22 50	1 12	3 25	2 39
T 3	7 23	16 48	1 55	0 39	2 1	1 29	1 31	22 33	1 6	13 53	0 54	0 26	2 45	9 52	0 31	15 50	1 50	23 1	13 25	22 41	22 50	1 9	3 29	2 38
F 4	7 45	21 0	0 40	0 1	2 1	1 0	1 31	22 41	1 6	13 57	0 54	0 24	2 45	9 54	0 31	15 49	1 50	23 1	13 25	22 41	22 50	1 6	3 32	2 38
S 5	8 8	23 48	0n34	0s37	2 0	0 30	1 31	22 48	1 7	14 1	0 54	0 22	2 45	9 55	0 31	15 49	1 50	23 1	13 24	22 41	22 50	1 3	3 35	2 38
S 6	8 30	25 8	1 44	1 17	1 58	0 1	1 32	22 56	1 7	14 5	0 54	0 20	2 45	9 57	0 31	15 48	1 50	23 1	13 24	22 41	22 49	1 0	3 38	2 38
M 7	8 52	25 1	2 47	1 58	1 56	0s29	1 32	23 3	1 7	14 10	0 54	0 19	2 45	9 58	0 31	15 48	1 50	23 1	13 24	22 41	22 49	0 57	3 42	2 38
T 8	9 15	23 35	3 40	2 39	1 53	0 59	1 31	23 10	1 8	14 14	0 53	0 17	2 45	9 59	0 31	15 47	1 50	23 1	13 24	22 41	22 49	0 55	3 45	2 38
W 9	9 37	21 3	4 20	3 21	1 50	1 29	1 31	23 16	1 8	14 18	0 53	0 15	2 44	10 1	0 31	15 47	1 50	23 1	13 24	22 41	22 48	0 52	3 48	2 37
T 10	9 59	17 38	4 49	4 4	1 46	1 58	1 31	23 23	1 8	14 22	0 53	0 14	2 44	10 2	0 31	15 47	1 50	23 1	13 23	22 41	22 48	0 49	3 51	2 37
F 11	10 20	13 32	5 4	4 46	1 41	2 28	1 31	23 29	1 8	14 26	0 53	0 12	2 44	10 3	0 31	15 46	1 50	23 1	13 23	22 40	22 48	0 46	3 54	2 37
S 12	10 42	8 58	5 6	5 29	1 37	2 58	1 31	23 35	1 9	14 30	0 53	0 10	2 44	10 5	0 31	15 46	1 50	23 1	13 23	22 39	22 47	0 43	3 58	2 37
S 13	11 3	4 4	4 55	6 12	1 32	3 28	1 30	23 41	1 9	14 34	0 53	0 9	2 44	10 6	0 31	15 45	1 50	23 1	13 23	22 38	22 47	0 40	4 1	2 37
M14	11 25	0s58	4 31	6 55	1 26	3 57	1 30	23 46	1 9	14 38	0 53	0 7	2 44	10 7	0 31	15 45	1 50	23 1	13 22	22 37	22 47	0 37	4 4	2 37
T 15	11 46	5 59	3 55	7 37	1 21	4 27	1 29	23 51	1 10	14 42	0 53	0 6	2 44	10 9	0 31	15 44	1 50	23 1	13 22	22 36	22 46	0 34	4 7	2 36
W16	12 7	10 50	3 9	8 19	1 15	4 56	1 29	23 56	1 10	14 47	0 53	0 4	2 44	10 10	0 31	15 44	1 50	23 1	13 22	22 35	22 46	0 31	4 10	2 36
T 17	12 27	15 18	2 14	9 1	1 9	5 26	1 28	24 1	1 10	14 51	0 53	0 3	2 44	10 11	0 31	15 43	1 50	23 1	13 22	22 35	22 46	0 28	4 13	2 36
F 18	12 48	19 13	1 12	9 43	1 3	5 55	1 27	24 6	1 10	14 55	0 53	0 1	2 43	10 13	0 31	15 43	1 50	23 1	13 21	22 34	22 45	0 25	4 17	2 36
S 19	13 8	22 20	0 6	10 24	0 56	6 24	1 26	24 10	1 11	14 59	0 53	0s 0	2 43	10 14	0 31	15 43	1 50	23 1	13 21	22 34	22 45	0 22	4 20	2 36
S 20	13 28	24 27	1s 1	11 5	0 50	6 53	1 25	24 14	1 11	15 3	0 52	0 2	2 43	10 16	0 31	15 42	1 50	23 1	13 21	22 34	22 45	0 19	4 23	2 36
M21	13 48	25 21	2 7	11 45	0 44	7 22	1 25	24 18	1 11	15 7	0 52	0 3	2 43	10 17	0 31	15 42	1 50	23 1	13 21	22 34	22 44	0 16	4 26	2 35
T 22	14 8	24 54	3 8	12 25	0 37	7 51	1 24	24 21	1 11	15 11	0 52	0 4	2 43	10 18	0 31	15 41	1 50	23 1	13 20	22 35	22 44	0 13	4 29	2 35
W23	14 28	23 4	4 0	13 4	0 30	8 20	1 23	24 25	1 11	15 15	0 52	0 5	2 43	10 20	0 31	15 41	1 50	23 1	13 20	22 35	22 44	0 10	4 32	2 35
T 24	14 47	19 52	4 40	13 42	0 24	8 48	1 21	24 28	1 12	15 19	0 52	0 7	2 43	10 21	0 31	15 40	1 50	23 0	13 20	22 35	22 43	0 7	4 35	2 35
F 25	15 6	15 27	5 5	14 20	0 17	9 16	1 20	24 30	1 12	15 23	0 52	0 8	2 42	10 22	0 31	15 40	1 50	23 0	13 20	22 35	22 43	0 4	4 38	2 35
S 26	15 24	10 4	5 12	14 56	0 10	9 44	1 19	24 33	1 12	15 27	0 52	0 9	2 42	10 23	0 31	15 39	1 50	23 0	13 19	22 34	22 43	0 1	4 41	2 35
S 27	15 43	4 0	4 58	15 33	0 3	10 12	1 18	24 35	1 12	15 31	0 52	0 10	2 42	10 25	0 31	15 39	1 50	23 0	13 19	22 34	22 42	0s 2	4 44	2 35
M28	16 1	2n24	4 24	16 8	0s 3	10 40	1 16	24 37	1 12	15 35	0 52	0 11	2 42	10 26	0 31	15 38	1 50	23 0	13 19	22 33	22 42	0 5	4 47	2 35
T 29	16 19	8 42	3 32	16 43	0 10	11 7	1 15	24 39	1 13	15 39	0 52	0 12	2 42	10 27	0 31	15 38	1 50	23 0	13 18	22 33	22 42	0 8	4 50	2 34
W30	16 37	14 30	2 25	17 16	0 17	11 34	1 14	24 40	1 13	15 43	0 52	0 14	2 42	10 29	0 31	15 37	1 50	23 0	13 18	22 32	22 41	0 11	4 53	2 34
T 31	16s54	19n21	1s 9	17s49	0s23	12s 1	1n12	24s41	1s13	15s46	0n52	0s15	2s41	10s30	0n31	15n37	1s50	22s59	13s18	22n32	22n41	0s14	4s56	2s34

Julian Day Number = 2289294.5, Delta T = 167.52 sec
Ecliptic obliquity = 23°29'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'28, Lahiri = 17°39'29 Julian Calendar 1 Oct. 1555 == Greg. Calendar 11 Oct. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

NOVEMBER 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 16 58	17♏49'48	15♊46	20♏21	6♏ 2	28♐14	15♏59	5°R33	28♎35	18°R30	2°R25	13°D58	15♊13	11♎25	6♎35	F 1
S 2	3 20 55	18°50'19	29°48	21°56	7°18	29° 0	16°13	5♈30	28°39	18♉28	2♓25	13♊59	15°10	11°32	6°43	S 2
S 3	3 24 51	19°50'52	13♋24	23°30	8°33	29°45	16°26	5°27	28°42	18°26	2°25	14° 1	15° 6	11°38	6°50	S 3
M 4	3 28 48	20°51'26	26°33	25° 5	9°48	0♑31	16°39	5°24	28°46	18°25	2°25	14° 2	15° 3	11°45	6°58	M 4
T 5	3 32 44	21°52'03	9♌19	26°38	11° 4	1°17	16°53	5°22	28°50	18°23	2°25	14° 3	15° 0	11°52	7° 5	T 5
W 6	3 36 41	22°52'41	21°45	28°12	12°19	2° 3	17° 6	5°20	28°53	18°21	2°25	14°R 4	14°57	11°58	7°12	W 6
T 7	3 40 37	23°53'21	3♍55	29°46	13°35	2°49	17°19	5°17	28°57	18°20	2°D25	14° 4	14°54	12° 5	7°19	T 7
F 8	3 44 34	24°54'02	15°54	1♐19	14°50	3°35	17°32	5°15	29° 0	18°18	2°25	14° 2	14°51	12°12	7°26	F 8
S 9	3 48 31	25°54'45	27°47	2°52	16° 6	4°21	17°46	5°13	29° 4	18°16	2°25	14° 0	14°47	12°19	7°33	S 9
S 10	3 52 27	26°55'30	9♎38	4°26	17°21	5° 7	17°59	5°11	29° 7	18°14	2°25	13°57	14°44	12°25	7°40	S 10
M11	3 56 24	27°56'16	21°30	5°59	18°37	5°53	18°12	5° 9	29°11	18°13	2°25	13°55	14°41	12°32	7°47	M11
T 12	4 0 20	28°57'03	3♏26	7°31	19°52	6°39	18°25	5° 7	29°14	18°11	2°25	13°52	14°38	12°39	7°54	T 12
W13	4 4 17	29°57'52	15°29	9° 4	21° 7	7°25	18°39	5° 5	29°17	18° 9	2°25	13°50	14°35	12°45	8° 1	W13
T 14	4 8 13	0♐58'43	27°40	10°37	22°23	8°11	18°52	5° 4	29°21	18° 8	2°25	13°49	14°32	12°52	8° 8	T 14
F 15	4 12 10	1°59'34	10♐ 2	12° 9	23°38	8°57	19° 5	5° 2	29°24	18° 6	2°26	13°D48	14°28	12°59	8°14	F 15
S 16	4 16 6	3° 0'27	22°34	13°42	24°54	9°44	19°18	5° 1	29°27	18° 5	2°26	13°48	14°25	13° 5	8°21	S 16
S 17	4 20 3	4° 1'21	5♑19	15°14	26° 9	10°30	19°31	4°59	29°31	18° 3	2°26	13°49	14°22	13°12	8°27	S 17
M18	4 24 0	5° 2'16	18°16	16°46	27°25	11°17	19°44	4°58	29°34	18° 1	2°26	13°50	14°19	13°19	8°34	M18
T 19	4 27 56	6° 3'12	1♒27	18°18	28°40	12° 3	19°57	4°57	29°37	18° 0	2°27	13°51	14°16	13°26	8°40	T 19
W20	4 31 53	7° 4'08	14°53	19°50	29°56	12°49	20°10	4°56	29°40	17°58	2°27	13°51	14°12	13°32	8°46	W20
T 21	4 35 49	8° 5'05	28°34	21°22	1♐11	13°36	20°23	4°55	29°43	17°57	2°27	13°52	14° 9	13°39	8°52	T 21
F 22	4 39 46	9° 6'03	12♓30	22°53	2°27	14°23	20°36	4°54	29°47	17°55	2°28	13°R52	14° 6	13°46	8°58	F 22
S 23	4 43 42	10° 7'02	26°41	24°24	3°43	15° 9	20°49	4°54	29°50	17°53	2°28	13°52	14° 3	13°52	9° 4	S 23
S 24	4 47 39	11° 8'01	11♈ 5	25°55	4°58	15°56	21° 2	4°53	29°53	17°52	2°29	13°51	14° 0	13°59	9°10	S 24
M25	4 51 35	12° 9'00	25°38	27°25	6°14	16°42	21°15	4°53	29°56	17°50	2°29	13°51	13°57	14° 6	9°16	M25
T 26	4 55 32	13°10'01	10♉15	28°55	7°29	17°29	21°28	4°52	29°59	17°49	2°29	13°51	13°53	14°13	9°22	T 26
W27	4 59 29	14°11'01	24°52	0♑24	8°45	18°16	21°41	4°52	0♏ 2	17°47	2°30	13°D51	13°50	14°19	9°27	W27
T 28	5 3 25	15°12'03	9♊20	1°53	10° 0	19° 3	21°54	4°52	0° 5	17°46	2°31	13°R51	13°47	14°26	9°33	T 28
F 29	5 7 22	16°13'06	23°36	3°20	11°16	19°49	22° 6	4°D52	0° 8	17°44	2°31	13°51	13°44	14°33	9°38	F 29
S 30	5 11 18	17♐14'09	7♋33	4♑47	12♐31	20♑36	22♏19	4♈52	0♏11	17♉43	2♓32	13♊51	13♊41	14♎39	9♎44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s11	22n54	0n10	18s21	0s30	12s27	1n11	24s42	1s13	15s50	0n52	0s15	2s41	10s31	0n31	15n37	1s50	22s59	13s18	22n32	22n41	0s16	4s59	2s34
S 2	17 28	24 56	1 26	18 53	0 36	12 54	1 9	24 43	1 13	15 54	0 52	0 16	2 41	10 33	0 31	15 36	1 50	22 59	13 17	22 32	22 40	0 19	5 2	2 34
S 3	17 45	25 23	2 35	19 23	0 42	13 20	1 7	24 43	1 13	15 58	0 52	0 17	2 41	10 34	0 31	15 36	1 50	22 59	13 17	22 32	22 40	0 22	5 5	2 34
M 4	18 1	24 23	3 33	19 52	0 49	13 45	1 6	24 43	1 13	16 2	0 52	0 18	2 41	10 35	0 31	15 35	1 50	22 59	13 17	22 32	22 39	0 25	5 7	2 34
T 5	18 17	22 8	4 19	20 20	0 55	14 10	1 4	24 43	1 13	16 6	0 52	0 19	2 40	10 36	0 31	15 35	1 50	22 58	13 16	22 33	22 39	0 28	5 10	2 34
W 6	18 32	18 53	4 52	20 48	1 1	14 35	1 2	24 42	1 13	16 10	0 52	0 20	2 40	10 38	0 31	15 34	1 50	22 58	13 16	22 33	22 39	0 31	5 13	2 34
T 7	18 47	14 54	5 10	21 14	1 7	15 0	1 0	24 42	1 14	16 13	0 51	0 20	2 40	10 39	0 31	15 34	1 50	22 58	13 16	22 33	22 38	0 34	5 16	2 34
F 8	19 2	10 24	5 15	21 39	1 13	15 24	0 58	24 41	1 14	16 17	0 51	0 21	2 40	10 40	0 31	15 33	1 50	22 58	13 16	22 32	22 38	0 37	5 18	2 33
S 9	19 17	5 34	5 6	22 4	1 18	15 48	0 57	24 39	1 14	16 21	0 51	0 22	2 39	10 41	0 31	15 33	1 50	22 57	13 15	22 32	22 38	0 40	5 21	2 33
S 10	19 31	0 32	4 44	22 27	1 24	16 11	0 55	24 38	1 14	16 25	0 51	0 22	2 39	10 43	0 31	15 32	1 50	22 57	13 15	22 32	22 37	0 43	5 24	2 33
M11	19 45	4s32	4 10	22 49	1 29	16 34	0 53	24 36	1 14	16 28	0 51	0 23	2 39	10 44	0 31	15 32	1 50	22 57	13 15	22 32	22 37	0 46	5 27	2 33
T 12	19 58	9 28	3 25	23 10	1 34	16 56	0 51	24 34	1 14	16 32	0 51	0 23	2 39	10 45	0 31	15 32	1 50	22 56	13 14	22 31	22 37	0 49	5 29	2 33
W13	20 12	14 7	2 30	23 30	1 39	17 18	0 49	24 31	1 14	16 36	0 51	0 24	2 39	10 46	0 31	15 31	1 50	22 56	13 14	22 31	22 36	0 52	5 32	2 33
T 14	20 24	18 15	1 28	23 48	1 44	17 40	0 46	24 28	1 14	16 39	0 51	0 24	2 38	10 47	0 31	15 31	1 50	22 56	13 14	22 31	22 36	0 55	5 34	2 33
F 15	20 37	21 40	0 21	24 5	1 48	18 1	0 44	24 25	1 14	16 43	0 51	0 25	2 38	10 49	0 31	15 30	1 50	22 55	13 14	22 31	22 35	0 58	5 37	2 33
S 16	20 49	24 6	0s48	24 21	1 52	18 21	0 42	24 22	1 14	16 46	0 51	0 25	2 38	10 50	0 31	15 30	1 50	22 55	13 13	22 31	22 35	1 1	5 39	2 33
S 17	21 0	25 20	1 56	24 36	1 56	18 41	0 40	24 19	1 14	16 50	0 51	0 25	2 38	10 51	0 31	15 29	1 50	22 55	13 13	22 31	22 35	1 4	5 42	2 33
M18	21 11	25 13	3 0	24 50	2 0	19 1	0 38	24 15	1 14	16 54	0 51	0 26	2 37	10 52	0 31	15 29	1 50	22 54	13 13	22 31	22 34	1 7	5 44	2 33
T 19	21 22	23 42	3 55	25 2	2 3	19 20	0 36	24 11	1 14	16 57	0 51	0 26	2 37	10 53	0 31	15 29	1 50	22 54	13 12	22 31	22 34	1 10	5 47	2 33
W20	21 33	20 50	4 38	25 12	2 6	19 39	0 33	24 6	1 14	17 1	0 51	0 26	2 37	10 54	0 31	15 28	1 50	22 54	13 12	22 31	22 34	1 13	5 49	2 33
T 21	21 43	16 47	5 6	25 22	2 9	19 57	0 31	24 2	1 14	17 4	0 51	0 26	2 37	10 55	0 31	15 28	1 50	22 53	13 12	22 31	22 33	1 16	5 52	2 33
F 22	21 52	11 46	5 17	25 30	2 12	20 14	0 29	23 57	1 14	17 8	0 51	0 26	2 36	10 56	0 31	15 27	1 50	22 53	13 12	22 31	22 33	1 19	5 54	2 33
S 23	22 1	6 3	5 9	25 36	2 14	20 31	0 26	23 51	1 14	17 11	0 51	0 26	2 36	10 58	0 31	15 27	1 50	22 52	13 11	22 31	22 33	1 22	5 56	2 32
S 24	22 10	0n 4	4 42	25 41	2 15	20 47	0 24	23 46	1 14	17 14	0 51	0 26	2 36	10 59	0 31	15 26	1 50	22 52	13 11	22 31	22 32	1 25	5 59	2 32
M25	22 18	6 15	3 57	25 45	2 17	21 3	0 22	23 40	1 14	17 18	0 51	0 26	2 36	11 0	0 31	15 26	1 50	22 51	13 11	22 31	22 32	1 28	6 1	2 32
T 26	22 26	12 9	2 56	25 47	2 17	21 18	0 19	23 34	1 14	17 21	0 51	0 26	2 35	11 1	0 31	15 26	1 50	22 51	13 10	22 31	22 31	1 31	6 3	2 32
W27	22 33	17 21	1 44	25 48	2 18	21 32	0 17	23 28	1 14	17 25	0 51	0 26	2 35	11 2	0 31	15 25	1 50	22 51	13 10	22 31	22 31	1 34	6 5	2 32
T 28	22 40	21 30	0 25	25 47	2 18	21 46	0 15	23 21	1 14	17 28	0 51	0 26	2 35	11 3	0 31	15 25	1 50	22 50	13 10	22 31	22 31	1 37	6 7	2 32
F 29	22 47	24 14	0n54	25 44	2 17	21 59	0 12	23 14	1 13	17 31	0 51	0 26	2 35	11 4	0 31	15 25	1 50	22 50	13 10	22 31	22 30	1 40	6 10	2 32
S 30	22s53	25n24	2n 8	25s40	2s16	22s11	0n10	23s 7	1s13	17s34	0n51	0s25	2s34	11s 5	0n31	15n24	1s50	22s49	13s 9	22n31	22n30	1s43	6s12	2s32

Julian Day Number = 2289325.5, Delta T = 167.35 sec
Ecliptic obliquity = 23°29'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'32, Lahiri = 17°39'33 Julian Calendar 1 Nov. 1555 == Greg. Calendar 11 Nov. 1555

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ASTRODIENST EPHEMERIS for the year 1555
geocentric

DECEMBER 1555 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 15 15	18♐15'13	21♋ 8	6♑13	13♐47	21♑23	22♏32	4♈52	0♏13	17°R42	2♓32	13°R51	13♊38	14♎46	9♎49	S 1
M 2	5 19 11	19°16'18	4♌21	7°37	15° 2	22°10	22°44	4°53	0°16	17♉40	2°33	13♊50	13°34	14°53	9°54	M 2
T 3	5 23 8	20°17'23	17°12	8°59	16°18	22°57	22°57	4°53	0°19	17°39	2°34	13°49	13°31	14°59	9°59	T 3
W 4	5 27 5	21°18'29	29°42	10°19	17°33	23°44	23°10	4°54	0°22	17°37	2°34	13°48	13°28	15° 6	10° 4	W 4
T 5	5 31 1	22°19'36	11♍56	11°37	18°49	24°31	23°22	4°54	0°24	17°36	2°35	13°48	13°25	15°13	10° 9	T 5
F 6	5 34 58	23°20'44	23°58	12°52	20° 4	25°18	23°34	4°55	0°27	17°35	2°36	13°D48	13°22	15°20	10°14	F 6
S 7	5 38 54	24°21'52	5♎51	14° 4	21°20	26° 5	23°47	4°56	0°30	17°34	2°36	13°48	13°18	15°26	10°19	S 7
S 8	5 42 51	25°23'01	17°42	15°13	22°35	26°52	23°59	4°57	0°32	17°32	2°37	13°49	13°15	15°33	10°23	S 8
M 9	5 46 47	26°24'11	29°35	16°16	23°51	27°39	24°12	4°58	0°35	17°31	2°38	13°50	13°12	15°40	10°28	M 9
T 10	5 50 44	27°25'21	11♏33	17°15	25° 6	28°26	24°24	4°59	0°37	17°30	2°39	13°51	13° 9	15°46	10°32	T 10
W11	5 54 40	28°26'32	23°42	18° 8	26°22	29°13	24°36	5° 0	0°40	17°29	2°40	13°52	13° 6	15°53	10°37	W11
T 12	5 58 37	29°27'43	6♐ 3	18°54	27°37	0♒ 0	24°48	5° 2	0°42	17°27	2°40	13°53	13° 3	16° 0	10°41	T 12
F 13	6 2 34	0♑28'55	18°39	19°33	28°53	0°47	25° 0	5° 3	0°44	17°26	2°41	13°R53	12°59	16° 6	10°45	F 13
S 14	6 6 30	1°30'07	1♑31	20° 3	0♑ 9	1°34	25°12	5° 5	0°47	17°25	2°42	13°52	12°56	16°13	10°49	S 14
S 15	6 10 27	2°31'19	14°39	20°24	1°24	2°22	25°24	5° 7	0°49	17°24	2°43	13°51	12°53	16°20	10°53	S 15
M16	6 14 23	3°32'31	28° 2	20°R35	2°40	3° 9	25°36	5° 9	0°51	17°23	2°44	13°48	12°50	16°27	10°56	M16
T 17	6 18 20	4°33'43	11♒38	20°35	3°55	3°56	25°48	5°10	0°53	17°22	2°45	13°45	12°47	16°33	11° 0	T 17
W18	6 22 16	5°34'55	25°26	20°23	5°11	4°43	25°59	5°13	0°55	17°21	2°46	13°42	12°44	16°40	11° 4	W18
T 19	6 26 13	6°36'06	9♓23	19°59	6°26	5°31	26°11	5°15	0°58	17°20	2°47	13°39	12°40	16°47	11° 7	T 19
F 20	6 30 9	7°37'17	23°26	19°24	7°42	6°18	26°23	5°17	1° 0	17°19	2°48	13°37	12°37	16°53	11°10	F 20
S 21	6 34 6	8°38'28	7♈33	18°37	8°57	7° 5	26°34	5°19	1° 2	17°18	2°49	13°D37	12°34	17° 0	11°14	S 21
S 22	6 38 3	9°39'38	21°44	17°40	10°13	7°52	26°46	5°22	1° 3	17°17	2°50	13°37	12°31	17° 7	11°17	S 22
M23	6 41 59	10°40'48	5♉55	16°34	11°28	8°40	26°57	5°24	1° 5	17°16	2°51	13°38	12°28	17°13	11°20	M23
T 24	6 45 56	11°41'57	20° 4	15°21	12°44	9°27	27° 8	5°27	1° 7	17°15	2°52	13°40	12°24	17°20	11°23	T 24
W25	6 49 52	12°43'06	4♊11	14° 3	13°59	10°14	27°20	5°30	1° 9	17°15	2°53	13°41	12°21	17°27	11°25	W25
T 26	6 53 49	13°44'14	18°11	12°43	15°14	11° 2	27°31	5°33	1°11	17°14	2°55	13°R41	12°18	17°34	11°28	T 26
F 27	6 57 45	14°45'22	2♋ 1	11°24	16°30	11°49	27°42	5°36	1°12	17°13	2°56	13°40	12°15	17°40	11°30	F 27
S 28	7 1 42	15°46'30	15°39	10° 7	17°45	12°36	27°53	5°39	1°14	17°12	2°57	13°37	12°12	17°47	11°33	S 28
S 29	7 5 38	16°47'37	29° 2	8°55	19° 1	13°24	28° 4	5°42	1°16	17°12	2°58	13°32	12° 9	17°54	11°35	S 29
M30	7 9 35	17°48'44	12♌ 8	7°50	20°16	14°11	28°14	5°45	1°17	17°11	2°59	13°27	12° 5	18° 0	11°37	M30
T 31	7 13 32	18♑49'50	24♌56	6♑53	21♑32	14♒58	28♏25	5♈49	1♏19	17♉10	3♓ 1	13♊20	12♊ 2	18♎ 7	11♎39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s59	25n 0	3n13	25s35	2s14	22s23	0n 8	23s 0	1s13	17s38	0n51	0s25	2s34	11s 6	0n31	15n24	1s50	22s49	13s 9	22n31	22n29	1s46	6s14	2s32
M 2	23 4	23 11	4 5	25 28	2 11	22 34	0 5	22 52	1 13	17 41	0 51	0 25	2 34	11 7	0 31	15 23	1 49	22 48	13 9	22 31	22 29	1 49	6 16	2 32
T 3	23 8	20 13	4 44	25 19	2 8	22 45	0 3	22 44	1 13	17 44	0 51	0 24	2 34	11 8	0 31	15 23	1 49	22 48	13 9	22 31	22 29	1 52	6 18	2 32
W 4	23 13	16 24	5 7	25 9	2 4	22 54	0 0	22 36	1 13	17 47	0 51	0 24	2 33	11 9	0 31	15 23	1 49	22 47	13 8	22 31	22 28	1 55	6 20	2 32
T 5	23 16	11 59	5 17	24 58	1 59	23 4	0s 2	22 28	1 13	17 50	0 51	0 23	2 33	11 10	0 31	15 22	1 49	22 47	13 8	22 31	22 28	1 58	6 22	2 32
F 6	23 20	7 10	5 12	24 45	1 53	23 12	0 4	22 19	1 13	17 53	0 51	0 23	2 33	11 10	0 31	15 22	1 49	22 46	13 8	22 31	22 28	2 1	6 23	2 32
S 7	23 23	2 10	4 54	24 31	1 47	23 20	0 7	22 10	1 13	17 57	0 51	0 22	2 32	11 11	0 31	15 22	1 49	22 46	13 7	22 31	22 27	2 4	6 25	2 32
S 8	23 25	2s54	4 23	24 16	1 39	23 27	0 9	22 1	1 12	18 0	0 51	0 21	2 32	11 12	0 31	15 21	1 49	22 45	13 7	22 31	22 27	2 7	6 27	2 32
M 9	23 27	7 54	3 41	24 0	1 30	23 33	0 12	21 52	1 12	18 3	0 51	0 21	2 32	11 13	0 31	15 21	1 49	22 45	13 7	22 31	22 26	2 10	6 29	2 32
T 10	23 28	12 39	2 50	23 43	1 21	23 38	0 14	21 42	1 12	18 6	0 51	0 20	2 32	11 14	0 31	15 21	1 49	22 44	13 7	22 31	22 26	2 13	6 30	2 32
W11	23 29	16 58	1 49	23 25	1 10	23 43	0 16	21 32	1 12	18 9	0 51	0 19	2 31	11 15	0 31	15 21	1 49	22 44	13 6	22 31	22 26	2 16	6 32	2 32
T 12	23 30	20 40	0 43	23 7	0 58	23 47	0 19	21 22	1 12	18 11	0 51	0 19	2 31	11 16	0 31	15 20	1 49	22 43	13 6	22 31	22 25	2 19	6 34	2 32
F 13	23 30	23 27	0s26	22 48	0 45	23 51	0 21	21 12	1 11	18 14	0 51	0 18	2 31	11 16	0 31	15 20	1 49	22 42	13 6	22 31	22 25	2 22	6 35	2 32
S 14	23 29	25 5	1 36	22 30	0 30	23 53	0 23	21 1	1 11	18 17	0 51	0 17	2 31	11 17	0 31	15 20	1 49	22 42	13 6	22 31	22 24	2 25	6 37	2 32
S 15	23 28	25 22	2 42	22 11	0 15	23 55	0 26	20 50	1 11	18 20	0 51	0 16	2 30	11 18	0 31	15 20	1 49	22 41	13 5	22 31	22 24	2 28	6 38	2 32
M16	23 27	24 12	3 40	21 53	0n 2	23 56	0 28	20 39	1 11	18 23	0 51	0 15	2 30	11 19	0 31	15 19	1 49	22 41	13 5	22 31	22 24	2 31	6 40	2 32
T 17	23 25	21 36	4 27	21 36	0 20	23 57	0 30	20 28	1 11	18 26	0 51	0 14	2 30	11 19	0 31	15 19	1 49	22 40	13 5	22 30	22 23	2 34	6 41	2 32
W18	23 23	17 45	4 59	21 19	0 38	23 56	0 32	20 16	1 10	18 28	0 51	0 13	2 30	11 20	0 31	15 19	1 49	22 40	13 5	22 30	22 23	2 37	6 43	2 32
T 19	23 20	12 54	5 13	21 4	0 57	23 55	0 35	20 4	1 10	18 31	0 51	0 12	2 29	11 21	0 31	15 19	1 49	22 39	13 5	22 30	22 22	2 40	6 44	2 32
F 20	23 17	7 21	5 10	20 50	1 17	23 53	0 37	19 52	1 10	18 34	0 51	0 11	2 29	11 22	0 31	15 18	1 49	22 38	13 4	22 29	22 22	2 43	6 45	2 32
S 21	23 13	1 24	4 47	20 37	1 36	23 51	0 39	19 40	1 10	18 36	0 51	0 9	2 29	11 22	0 31	15 18	1 49	22 38	13 4	22 29	22 21	2 46	6 47	2 32
S 22	23 9	4n40	4 8	20 26	1 55	23 47	0 41	19 28	1 9	18 39	0 51	0 8	2 29	11 23	0 31	15 18	1 49	22 37	13 4	22 29	22 21	2 49	6 48	2 32
M23	23 4	10 30	3 13	20 16	2 13	23 43	0 43	19 15	1 9	18 42	0 51	0 7	2 28	11 24	0 31	15 18	1 49	22 37	13 4	22 30	22 21	2 52	6 49	2 32
T 24	22 59	15 47	2 6	20 8	2 30	23 38	0 45	19 2	1 9	18 44	0 51	0 6	2 28	11 24	0 31	15 18	1 48	22 36	13 3	22 30	22 20	2 55	6 50	2 32
W25	22 53	20 11	0 52	20 2	2 44	23 33	0 47	18 49	1 9	18 47	0 51	0 4	2 28	11 25	0 31	15 17	1 48	22 35	13 3	22 30	22 20	2 58	6 51	2 31
T 26	22 47	23 23	0n25	19 57	2 57	23 26	0 49	18 36	1 8	18 49	0 51	0 3	2 28	11 25	0 31	15 17	1 48	22 35	13 3	22 30	22 19	3 1	6 52	2 31
F 27	22 41	25 8	1 39	19 53	3 8	23 19	0 51	18 23	1 8	18 52	0 51	0 2	2 27	11 26	0 31	15 17	1 48	22 34	13 3	22 30	22 19	3 4	6 53	2 31
S 28	22 34	25 19	2 46	19 52	3 16	23 12	0 53	18 9	1 8	18 54	0 51	0 0	2 27	11 27	0 31	15 17	1 48	22 34	13 3	22 29	22 19	3 7	6 54	2 31
S 29	22 26	24 2	3 42	19 51	3 21	23 3	0 55	17 55	1 8	18 57	0 51	0n 1	2 27	11 27	0 31	15 17	1 48	22 33	13 2	22 29	22 18	3 10	6 55	2 31
M30	22 19	21 27	4 26	19 52	3 24	22 54	0 57	17 41	1 7	18 59	0 51	0 3	2 27	11 28	0 31	15 17	1 48	22 32	13 2	22 28	22 18	3 13	6 56	2 31
T 31	22s10	17n52	4n55	19s55	3n25	22s44	0s59	17s27	1s 7	19s 1	0n51	0n 4	2s26	11s28	0n31	15n16	1s48	22s32	13s 2	22n27	22n17	3s16	6s56	2s31

Julian Day Number = 2289355.5, Delta T = 167.17 sec
Ecliptic obliquity = 23°29'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'36, Lahiri = 17°39'37 Julian Calendar 1 Dec. 1555 == Greg. Calendar 11 Dec. 1555

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

JANUARY 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 17 28	19♉50'56	7♍27	6°R 6	22♉47	15♒46	28♏36	5♈52	1♏20	17°R10	3♓ 2	13°R14	11♊59	18♎14	11♎41	W 1
T 2	7 21 25	20°52'02	19°42	5♉27	24° 2	16°33	28°46	5°56	1°21	17♉ 9	3° 3	13♊ 9	11°56	18°20	11°43	T 2
F 3	7 25 21	21°53'07	1♎45	4°58	25°18	17°20	28°57	5°59	1°23	17° 9	3° 4	13° 5	11°53	18°27	11°45	F 3
S 4	7 29 18	22°54'12	13°39	4°39	26°33	18° 8	29° 7	6° 3	1°24	17° 8	3° 6	13° 2	11°50	18°34	11°46	S 4
S 5	7 33 14	23°55'16	25°29	4°28	27°49	18°55	29°17	6° 7	1°25	17° 8	3° 7	13°D 2	11°46	18°41	11°48	S 5
M 6	7 37 11	24°56'20	7♏21	4°D26	29° 4	19°42	29°28	6°11	1°26	17° 7	3° 8	13° 3	11°43	18°47	11°49	M 6
T 7	7 41 7	25°57'24	19°19	4°32	0♒19	20°30	29°38	6°15	1°28	17° 7	3°10	13° 4	11°40	18°54	11°50	T 7
W 8	7 45 4	26°58'27	1♐29	4°46	1°35	21°17	29°48	6°19	1°29	17° 7	3°11	13° 6	11°37	19° 1	11°51	W 8
T 9	7 49 1	27°59'30	13°55	5° 6	2°50	22° 4	29°57	6°23	1°30	17° 6	3°12	13°R 6	11°34	19° 7	11°52	T 9
F 10	7 52 57	29° 0'32	26°40	5°33	4° 5	22°51	0♐ 7	6°28	1°31	17° 6	3°14	13° 5	11°30	19°14	11°53	F 10
S 11	7 56 54	0♒ 1'33	9♉47	6° 5	5°21	23°39	0°17	6°32	1°31	17° 6	3°15	13° 2	11°27	19°21	11°54	S 11
S 12	8 0 50	1° 2'33	23°15	6°43	6°36	24°26	0°26	6°36	1°32	17° 5	3°17	12°57	11°24	19°27	11°55	S 12
M13	8 4 47	2° 3'33	7♒ 4	7°25	7°51	25°13	0°36	6°41	1°33	17° 5	3°18	12°49	11°21	19°34	11°55	M13
T 14	8 8 43	3° 4'31	21°10	8°11	9° 7	26° 1	0°45	6°46	1°34	17° 5	3°19	12°41	11°18	19°41	11°55	T 14
W15	8 12 40	4° 5'29	5♓27	9° 2	10°22	26°48	0°54	6°50	1°35	17° 5	3°21	12°32	11°15	19°48	11°56	W15
T 16	8 16 37	5° 6'25	19°50	9°56	11°37	27°35	1° 3	6°55	1°35	17° 5	3°22	12°24	11°11	19°54	11°R56	T 16
F 17	8 20 33	6° 7'20	4♈14	10°53	12°53	28°23	1°12	7° 0	1°36	17° 5	3°24	12°18	11° 8	20° 1	11°56	F 17
S 18	8 24 30	7° 8'13	18°33	11°53	14° 8	29°10	1°21	7° 5	1°36	17°D 5	3°25	12°14	11° 5	20° 8	11°56	S 18
S 19	8 28 26	8° 9'05	2♉45	12°56	15°23	29°57	1°30	7°10	1°37	17° 5	3°27	12°D13	11° 2	20°14	11°55	S 19
M20	8 32 23	9° 9'56	16°47	14° 1	16°38	0♓44	1°38	7°15	1°37	17° 5	3°28	12°13	10°59	20°21	11°55	M20
T 21	8 36 19	10°10'45	0♊40	15° 8	17°54	1°31	1°47	7°20	1°37	17° 5	3°30	12°14	10°56	20°28	11°55	T 21
W22	8 40 16	11°11'32	14°23	16°18	19° 9	2°19	1°55	7°26	1°38	17° 5	3°31	12°R14	10°52	20°34	11°54	W22
T 23	8 44 12	12°12'18	27°57	17°29	20°24	3° 6	2° 3	7°31	1°38	17° 5	3°33	12°13	10°49	20°41	11°53	T 23
F 24	8 48 9	13°13'03	11♋21	18°42	21°39	3°53	2°12	7°36	1°38	17° 5	3°34	12° 9	10°46	20°48	11°52	F 24
S 25	8 52 6	14°13'46	24°34	19°57	22°54	4°40	2°19	7°42	1°38	17° 6	3°36	12° 3	10°43	20°54	11°51	S 25
S 26	8 56 2	15°14'28	7♌36	21°14	24° 9	5°27	2°27	7°47	1°38	17° 6	3°38	11°54	10°40	21° 1	11°50	S 26
M27	8 59 59	16°15'08	20°26	22°32	25°24	6°14	2°35	7°53	1°R38	17° 6	3°39	11°43	10°36	21° 8	11°49	M27
T 28	9 3 55	17°15'46	3♍ 3	23°51	26°40	7° 1	2°43	7°59	1°38	17° 6	3°41	11°30	10°33	21°15	11°48	T 28
W29	9 7 52	18°16'24	15°26	25°12	27°55	7°48	2°50	8° 4	1°38	17° 7	3°42	11°18	10°30	21°21	11°46	W29
T 30	9 11 48	19°17'00	27°38	26°34	29°10	8°35	2°57	8°10	1°38	17° 7	3°44	11° 7	10°27	21°28	11°45	T 30
F 31	9 15 45	20♒17'34	9♎38	27♉57	0♓25	9♓22	3♐ 4	8♈16	1♏38	17♉ 8	3♓45	10♊57	10♊24	21♎35	11♎43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚷		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s 2	13n34	5n 9	19s58	3n23	22s34	1s 0	17s13	1s 7	19s 4	0n51	0n 6	2s26	11s29	0n31	15n16	1s48	22s31	13s 2	22n27	22n17	3s19	6s57	2s31
T 2	21 52	8 49	5 9	20 3	3 20	22 22	1 2	16 58	1 6	19 6	0 51	0 8	2 26	11 29	0 31	15 16	1 48	22 30	13 2	22 26	22 16	3 22	6 58	2 31
F 3	21 43	3 48	4 54	20 9	3 15	22 10	1 4	16 43	1 6	19 8	0 52	0 9	2 26	11 29	0 31	15 16	1 48	22 30	13 2	22 25	22 16	3 25	6 59	2 31
S 4	21 33	1s17	4 28	20 16	3 9	21 58	1 5	16 28	1 6	19 10	0 52	0 11	2 25	11 30	0 32	15 16	1 48	22 29	13 1	22 25	22 16	3 28	6 59	2 31
S 5	21 22	6 19	3 50	20 24	3 2	21 45	1 7	16 13	1 5	19 12	0 52	0 13	2 25	11 30	0 32	15 16	1 48	22 28	13 1	22 25	22 15	3 31	7 0	2 31
M 6	21 12	11 8	3 2	20 32	2 54	21 31	1 8	15 58	1 5	19 15	0 52	0 15	2 25	11 31	0 32	15 16	1 48	22 28	13 1	22 25	22 15	3 35	7 0	2 31
T 7	21 0	15 35	2 5	20 41	2 45	21 16	1 10	15 43	1 5	19 17	0 52	0 16	2 25	11 31	0 32	15 16	1 48	22 27	13 1	22 25	22 14	3 38	7 1	2 31
W 8	20 49	19 29	1 3	20 50	2 35	21 1	1 11	15 27	1 4	19 19	0 52	0 18	2 24	11 31	0 32	15 16	1 48	22 26	13 1	22 26	22 14	3 41	7 1	2 31
T 9	20 37	22 36	0s 4	20 59	2 25	20 45	1 13	15 12	1 4	19 21	0 52	0 20	2 24	11 32	0 32	15 16	1 48	22 26	13 1	22 26	22 13	3 44	7 1	2 31
F 10	20 24	24 40	1 13	21 8	2 15	20 29	1 14	14 56	1 3	19 23	0 52	0 22	2 24	11 32	0 32	15 16	1 47	22 25	13 0	22 25	22 13	3 47	7 2	2 31
S 11	20 12	25 27	2 19	21 17	2 5	20 12	1 15	14 40	1 3	19 25	0 52	0 24	2 24	11 32	0 32	15 16	1 47	22 25	13 0	22 25	22 13	3 50	7 2	2 31
S 12	19 59	24 45	3 19	21 25	1 54	19 54	1 16	14 24	1 3	19 27	0 52	0 26	2 24	11 33	0 32	15 16	1 47	22 24	13 0	22 24	22 12	3 53	7 2	2 31
M13	19 45	22 34	4 9	21 34	1 44	19 36	1 18	14 7	1 2	19 29	0 52	0 28	2 23	11 33	0 32	15 16	1 47	22 23	13 0	22 23	22 12	3 56	7 2	2 31
T 14	19 31	18 58	4 45	21 42	1 33	19 17	1 19	13 51	1 2	19 31	0 52	0 30	2 23	11 33	0 32	15 16	1 47	22 23	13 0	22 22	22 11	3 59	7 2	2 31
W15	19 17	14 14	5 4	21 49	1 23	18 58	1 20	13 34	1 1	19 32	0 52	0 32	2 23	11 33	0 32	15 16	1 47	22 22	13 0	22 21	22 11	4 2	7 2	2 31
T 16	19 2	8 41	5 4	21 55	1 12	18 38	1 21	13 18	1 1	19 34	0 52	0 34	2 23	11 33	0 32	15 16	1 47	22 21	13 0	22 20	22 10	4 5	7 2	2 31
F 17	18 47	2 40	4 44	22 1	1 2	18 18	1 22	13 1	1 1	19 36	0 52	0 36	2 23	11 34	0 32	15 16	1 47	22 21	13 0	22 19	22 10	4 8	7 2	2 31
S 18	18 32	3n29	4 7	22 6	0 52	17 57	1 23	12 44	1 0	19 38	0 52	0 38	2 22	11 34	0 32	15 16	1 47	22 20	12 59	22 19	22 10	4 11	7 2	2 31
S 19	18 16	9 24	3 15	22 10	0 42	17 35	1 23	12 27	1 0	19 39	0 52	0 41	2 22	11 34	0 32	15 16	1 47	22 19	12 59	22 19	22 9	4 14	7 2	2 31
M20	18 0	14 47	2 12	22 13	0 32	17 13	1 24	12 10	0 59	19 41	0 52	0 43	2 22	11 34	0 32	15 16	1 47	22 19	12 59	22 19	22 9	4 17	7 2	2 31
T 21	17 44	19 20	1 2	22 16	0 23	16 51	1 25	11 53	0 59	19 43	0 52	0 45	2 22	11 34	0 32	15 16	1 47	22 18	12 59	22 19	22 8	4 20	7 2	2 30
W22	17 28	22 46	0n12	22 17	0 13	16 28	1 25	11 35	0 58	19 44	0 53	0 47	2 22	11 34	0 32	15 16	1 47	22 17	12 59	22 19	22 8	4 23	7 1	2 30
T 23	17 11	24 52	1 23	22 17	0 4	16 5	1 26	11 18	0 58	19 46	0 53	0 50	2 21	11 34	0 32	15 16	1 47	22 17	12 59	22 19	22 7	4 26	7 1	2 30
F 24	16 54	25 29	2 29	22 16	0s 5	15 41	1 26	11 0	0 58	19 47	0 53	0 52	2 21	11 34	0 32	15 17	1 47	22 16	12 59	22 18	22 7	4 29	7 1	2 30
S 25	16 36	24 38	3 26	22 14	0 13	15 17	1 27	10 43	0 57	19 49	0 53	0 54	2 21	11 34	0 32	15 17	1 46	22 15	12 59	22 17	22 6	4 32	7 0	2 30
S 26	16 18	22 27	4 11	22 10	0 22	14 52	1 27	10 25	0 57	19 50	0 53	0 57	2 21	11 34	0 32	15 17	1 46	22 15	12 59	22 16	22 6	4 35	7 0	2 30
M27	16 0	19 10	4 42	22 6	0 30	14 27	1 28	10 7	0 56	19 52	0 53	0 59	2 21	11 34	0 32	15 17	1 46	22 14	12 59	22 15	22 6	4 38	6 59	2 30
T 28	15 42	15 3	4 59	22 0	0 38	14 2	1 28	9 49	0 56	19 53	0 53	1 1	2 20	11 34	0 32	15 17	1 46	22 13	12 59	22 13	22 5	4 41	6 58	2 30
W29	15 23	10 23	5 1	21 53	0 45	13 36	1 28	9 31	0 55	19 55	0 53	1 4	2 20	11 34	0 32	15 17	1 46	22 13	12 59	22 11	22 5	4 44	6 58	2 30
T 30	15 5	5 23	4 50	21 45	0 52	13 10	1 28	9 13	0 55	19 56	0 53	1 6	2 20	11 34	0 32	15 17	1 46	22 12	12 59	22 10	22 4	4 47	6 57	2 30
F 31	14s45	0n15	4n26	21s36	0s59	12s44	1s28	8s55	0s54	19s57	0n53	1n 9	2s20	11s34	0n32	15n18	1s46	22s11	12s58	22n 8	22n 4	4s50	6s56	2s30

Julian Day Number = 2289386.5, Delta T = 166.99 sec
Ecliptic obliquity = 23°29'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'41, Lahiri = 17°39'41 Julian Calendar 1 Jan. 1556 == Greg. Calendar 11 Jan. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

FEBRUARY 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 19 41	21♒18'08	21♎32	29♑21	1♓40	10♓ 9	3♐11	8♈22	1°R37	17♉ 8	3♓47	10°R51	10♊21	21♎41	11°R41	S 1
S 2	9 23 38	22°18'40	3♏21	0♒47	2°55	10°56	3°18	8°28	1♏37	17° 9	3°49	10♊46	10°17	21°48	11♎40	S 2
M 3	9 27 34	23°19'10	15°11	2°13	4°10	11°43	3°25	8°34	1°37	17° 9	3°50	10°45	10°14	21°55	11°38	M 3
T 4	9 31 31	24°19'40	27° 7	3°41	5°25	12°30	3°31	8°40	1°36	17°10	3°52	10°D44	10°11	22° 1	11°36	T 4
W 5	9 35 28	25°20'08	9♐15	5° 9	6°40	13°17	3°38	8°46	1°36	17°10	3°54	10°R45	10° 8	22° 8	11°33	W 5
T 6	9 39 24	26°20'35	21°40	6°39	7°55	14° 4	3°44	8°53	1°35	17°11	3°55	10°44	10° 5	22°15	11°31	T 6
F 7	9 43 21	27°21'00	4♑26	8°10	9° 9	14°50	3°50	8°59	1°35	17°12	3°57	10°42	10° 2	22°21	11°29	F 7
S 8	9 47 17	28°21'24	17°38	9°42	10°24	15°37	3°56	9° 5	1°34	17°12	3°58	10°37	9°58	22°28	11°26	S 8
S 9	9 51 14	29°21'47	1♒16	11°14	11°39	16°24	4° 2	9°12	1°33	17°13	4° 0	10°30	9°55	22°35	11°24	S 9
M10	9 55 10	0♓22'08	15°21	12°48	12°54	17°11	4° 8	9°18	1°33	17°14	4° 2	10°20	9°52	22°41	11°21	M10
T 11	9 59 7	1°22'27	29°49	14°23	14° 9	17°57	4°13	9°25	1°32	17°15	4° 3	10° 8	9°49	22°48	11°18	T 11
W12	10 3 4	2°22'44	14♓32	15°59	15°24	18°44	4°18	9°31	1°31	17°15	4° 5	9°56	9°46	22°55	11°15	W12
T 13	10 7 0	3°23'00	29°23	17°36	16°39	19°31	4°24	9°38	1°30	17°16	4° 7	9°45	9°42	23° 2	11°12	T 13
F 14	10 10 57	4°23'14	14♈13	19°14	17°53	20°17	4°28	9°45	1°29	17°17	4° 8	9°36	9°39	23° 8	11° 9	F 14
S 15	10 14 53	5°23'25	28°54	20°52	19° 8	21° 4	4°33	9°51	1°28	17°18	4°10	9°30	9°36	23°15	11° 6	S 15
S 16	10 18 50	6°23'35	13♉20	22°32	20°23	21°51	4°38	9°58	1°27	17°19	4°11	9°27	9°33	23°22	11° 3	S 16
M17	10 22 46	7°23'42	27°29	24°13	21°37	22°37	4°42	10° 5	1°26	17°20	4°13	9°25	9°30	23°28	10°59	M17
T 18	10 26 43	8°23'47	11♊20	25°55	22°52	23°24	4°47	10°12	1°25	17°21	4°15	9°25	9°27	23°35	10°56	T 18
W19	10 30 39	9°23'50	24°54	27°39	24° 7	24°10	4°51	10°19	1°24	17°22	4°16	9°25	9°23	23°42	10°52	W19
T 20	10 34 36	10°23'51	8♋12	29°23	25°21	24°56	4°55	10°26	1°22	17°23	4°18	9°23	9°20	23°48	10°49	T 20
F 21	10 38 32	11°23'50	21°17	1♓ 8	26°36	25°43	4°59	10°32	1°21	17°24	4°20	9°19	9°17	23°55	10°45	F 21
S 22	10 42 29	12°23'46	4♌ 9	2°55	27°50	26°29	5° 2	10°39	1°20	17°26	4°21	9°11	9°14	24° 2	10°41	S 22
S 23	10 46 26	13°23'41	16°51	4°42	29° 5	27°15	5° 6	10°47	1°18	17°27	4°23	9° 1	9°11	24° 8	10°38	S 23
M24	10 50 22	14°23'33	29°22	6°31	0♈19	28° 2	5° 9	10°54	1°17	17°28	4°24	8°48	9° 7	24°15	10°34	M24
T 25	10 54 19	15°23'23	11♍44	8°21	1°34	28°48	5°12	11° 1	1°15	17°29	4°26	8°34	9° 4	24°22	10°30	T 25
W26	10 58 15	16°23'12	23°56	10°12	2°48	29°34	5°15	11° 8	1°14	17°30	4°28	8°20	9° 1	24°28	10°26	W26
T 27	11 2 12	17°22'58	6♎ 0	12° 4	4° 3	0♈20	5°18	11°15	1°12	17°32	4°29	8° 7	8°58	24°35	10°22	T 27
F 28	11 6 8	18°22'42	17°56	13°58	5°17	1° 6	5°20	11°22	1°11	17°33	4°31	7°56	8°55	24°42	10°17	F 28
S 29	11 10 5	19♓22'25	29♎47	15♓52	6♈31	1♈52	5♐23	11♈29	1♏ 9	17♉34	4♓32	7♊48	8♊52	24♎48	10♎13	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	4s51	3n50	21s25	1s 6	12s17	1s28	8s37	0s54	19s58	0n53	1n11	2s20	11s34	0n32	15n18	1s46	22s11	12s58	22n 8	22n 3	4s53	6s56	2s30
S 2	14 7	9 46	3 5	21 13	1 13	11 50	1 28	8 18	0 53	20 0	0 53	1 14	2 20	11 34	0 32	15 18	1 46	22 10	12 58	22 7	22 3	4 56	6 55	2 29
M 3	13 47	14 20	2 11	20 59	1 19	11 22	1 28	8 0	0 53	20 1	0 53	1 16	2 19	11 34	0 32	15 18	1 46	22 10	12 58	22 7	22 2	4 59	6 54	2 29
T 4	13 27	18 24	1 12	20 45	1 24	10 54	1 28	7 41	0 52	20 2	0 53	1 19	2 19	11 33	0 32	15 18	1 46	22 9	12 58	22 7	22 2	5 2	6 53	2 29
W 5	13 6	21 46	0 8	20 29	1 30	10 26	1 27	7 23	0 52	20 3	0 54	1 21	2 19	11 33	0 32	15 19	1 46	22 8	12 58	22 7	22 1	5 5	6 52	2 29
T 6	12 46	24 12	0s58	20 11	1 35	9 58	1 27	7 4	0 51	20 4	0 54	1 24	2 19	11 33	0 32	15 19	1 46	22 8	12 58	22 7	22 1	5 8	6 51	2 29
F 7	12 25	25 27	2 2	19 53	1 40	9 29	1 27	6 46	0 51	20 5	0 54	1 27	2 19	11 33	0 32	15 19	1 46	22 7	12 58	22 6	22 0	5 11	6 50	2 29
S 8	12 4	25 20	3 2	19 33	1 44	9 1	1 26	6 27	0 50	20 6	0 54	1 29	2 19	11 33	0 32	15 19	1 46	22 6	12 58	22 6	22 0	5 14	6 49	2 29
S 9	11 43	23 43	3 54	19 11	1 49	8 32	1 26	6 9	0 50	20 7	0 54	1 32	2 19	11 32	0 32	15 20	1 46	22 6	12 58	22 5	22 0	5 17	6 48	2 29
M10	11 22	20 36	4 33	18 48	1 52	8 2	1 25	5 50	0 49	20 8	0 54	1 35	2 18	11 32	0 32	15 20	1 45	22 5	12 58	22 3	21 59	5 20	6 46	2 28
T 11	11 1	16 10	4 56	18 24	1 56	7 33	1 24	5 31	0 49	20 9	0 54	1 37	2 18	11 32	0 32	15 20	1 45	22 5	12 58	22 1	21 59	5 23	6 45	2 28
W12	10 39	10 42	4 59	17 59	1 59	7 3	1 23	5 12	0 48	20 10	0 54	1 40	2 18	11 31	0 32	15 21	1 45	22 4	12 58	22 0	21 58	5 26	6 44	2 28
T 13	10 17	4 34	4 43	17 32	2 2	6 33	1 23	4 53	0 48	20 11	0 54	1 43	2 18	11 31	0 32	15 21	1 45	22 3	12 58	21 58	21 58	5 29	6 43	2 28
F 14	9 56	1n49	4 8	17 3	2 4	6 3	1 22	4 35	0 47	20 12	0 54	1 45	2 18	11 31	0 32	15 21	1 45	22 3	12 58	21 57	21 57	5 32	6 41	2 28
S 15	9 33	8 3	3 16	16 34	2 6	5 33	1 21	4 16	0 47	20 13	0 54	1 48	2 18	11 30	0 32	15 21	1 45	22 2	12 58	21 56	21 57	5 35	6 40	2 28
S 16	9 11	13 46	2 13	16 2	2 7	5 3	1 20	3 57	0 46	20 13	0 54	1 51	2 18	11 30	0 32	15 22	1 45	22 2	12 59	21 55	21 56	5 38	6 38	2 27
M17	8 49	18 38	1 3	15 30	2 9	4 32	1 19	3 38	0 45	20 14	0 55	1 54	2 18	11 30	0 32	15 22	1 45	22 1	12 59	21 55	21 56	5 41	6 37	2 27
T 18	8 26	22 22	0n10	14 56	2 9	4 2	1 18	3 19	0 45	20 15	0 55	1 56	2 17	11 29	0 32	15 22	1 45	22 1	12 59	21 55	21 55	5 44	6 35	2 27
W19	8 4	24 45	1 21	14 21	2 10	3 31	1 16	3 0	0 44	20 16	0 55	1 59	2 17	11 29	0 32	15 23	1 45	22 0	12 59	21 55	21 55	5 48	6 34	2 27
T 20	7 41	25 40	2 26	13 44	2 9	3 0	1 15	2 41	0 44	20 16	0 55	2 2	2 17	11 28	0 32	15 23	1 45	21 59	12 59	21 55	21 54	5 51	6 32	2 27
F 21	7 18	25 8	3 22	13 6	2 9	2 29	1 14	2 22	0 43	20 17	0 55	2 5	2 17	11 28	0 32	15 24	1 45	21 59	12 59	21 54	21 54	5 54	6 31	2 27
S 22	6 56	23 15	4 6	12 27	2 8	1 58	1 13	2 3	0 43	20 17	0 55	2 8	2 17	11 27	0 33	15 24	1 45	21 58	12 59	21 53	21 53	5 57	6 29	2 26
S 23	6 33	20 14	4 38	11 46	2 6	1 27	1 11	1 44	0 42	20 18	0 55	2 11	2 17	11 27	0 33	15 24	1 45	21 58	12 59	21 51	21 53	6 0	6 27	2 26
M24	6 9	16 20	4 56	11 4	2 4	0 56	1 10	1 25	0 41	20 18	0 55	2 13	2 17	11 26	0 33	15 25	1 45	21 57	12 59	21 49	21 52	6 3	6 26	2 26
T 25	5 46	11 47	4 59	10 20	2 1	0 25	1 8	1 6	0 41	20 19	0 55	2 16	2 17	11 26	0 33	15 25	1 45	21 57	12 59	21 47	21 52	6 6	6 24	2 26
W26	5 23	6 50	4 49	9 35	1 58	0n 6	1 7	0 47	0 40	20 19	0 55	2 19	2 17	11 25	0 33	15 25	1 45	21 56	12 59	21 45	21 51	6 9	6 22	2 25
T 27	5 0	1 41	4 26	8 49	1 55	0 37	1 5	0 28	0 40	20 20	0 55	2 22	2 17	11 25	0 33	15 26	1 44	21 56	12 59	21 43	21 51	6 12	6 20	2 25
F 28	4 36	3s30	3 51	8 2	1 51	1 8	1 3	0 9	0 39	20 20	0 55	2 25	2 16	11 24	0 33	15 26	1 44	21 55	12 59	21 41	21 50	6 15	6 18	2 25
S 29	4s13	8s31	3n 6	7s13	1s46	1n39	1s 1	0n 9	0s39	20s20	0n56	2n28	2s16	11s24	0n33	15n27	1s44	21s55	13s 0	21n40	21n50	6s18	6s16	2s25

Julian Day Number = 2289417.5, Delta T = 166.81 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'45, Lahiri = 17°39'45 Julian Calendar 1 Feb. 1556 == Greg. Calendar 11 Feb. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

MARCH 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 14 1	20♓22'05	11♏35	17♓48	7♈46	2♈38	5♐25	11♈37	1°R 7	17♉36	4♓34	7°R42	8♊48	24♎55	10°R 9	S 1
M 2	11 17 58	21°21'44	23°24	19°45	9° 0	3°24	5°27	11°44	1♏ 6	17°37	4°36	7♊39	8°45	25° 2	10♎ 5	M 2
T 3	11 21 55	22°21'21	5♐19	21°42	10°14	4°10	5°29	11°51	1° 4	17°39	4°37	7°D39	8°42	25° 9	10° 0	T 3
W 4	11 25 51	23°20'57	17°25	23°41	11°28	4°56	5°30	11°59	1° 2	17°40	4°39	7°R39	8°39	25°15	9°56	W 4
T 5	11 29 48	24°20'30	29°46	25°41	12°43	5°42	5°32	12° 6	1° 0	17°41	4°40	7°39	8°36	25°22	9°52	T 5
F 6	11 33 44	25°20'02	12♑29	27°41	13°57	6°28	5°33	12°13	0°58	17°43	4°42	7°37	8°33	25°29	9°47	F 6
S 7	11 37 41	26°19'32	25°38	29°42	15°11	7°14	5°34	12°21	0°57	17°45	4°43	7°34	8°29	25°35	9°42	S 7
S 8	11 41 37	27°19'01	9♒15	1♈43	16°25	7°59	5°35	12°28	0°55	17°46	4°45	7°28	8°26	25°42	9°38	S 8
M 9	11 45 34	28°18'27	23°22	3°45	17°39	8°45	5°36	12°36	0°53	17°48	4°47	7°20	8°23	25°49	9°33	M 9
T 10	11 49 30	29°17'52	7♓57	5°47	18°53	9°31	5°36	12°43	0°51	17°49	4°48	7°10	8°20	25°55	9°29	T 10
W11	11 53 27	0♈17'14	22°52	7°49	20° 7	10°16	5°37	12°51	0°49	17°51	4°50	7° 0	8°17	26° 2	9°24	W11
T 12	11 57 24	1°16'35	8♈ 0	9°50	21°21	11° 2	5°R37	12°58	0°46	17°53	4°51	6°50	8°13	26° 9	9°19	T 12
F 13	12 1 20	2°15'53	23°10	11°51	22°35	11°47	5°37	13° 6	0°44	17°54	4°53	6°42	8°10	26°15	9°15	F 13
S 14	12 5 17	3°15'09	8♉12	13°50	23°49	12°33	5°37	13°13	0°42	17°56	4°54	6°37	8° 7	26°22	9°10	S 14
S 15	12 9 13	4°14'23	22°58	15°48	25° 3	13°18	5°36	13°21	0°40	17°58	4°55	6°34	8° 4	26°29	9° 5	S 15
M16	12 13 10	5°13'35	7♊23	17°45	26°17	14° 3	5°35	13°28	0°38	17°59	4°57	6°D33	8° 1	26°35	9° 0	M16
T 17	12 17 6	6°12'45	21°24	19°39	27°30	14°49	5°35	13°36	0°36	18° 1	4°58	6°34	7°58	26°42	8°56	T 17
W18	12 21 3	7°11'52	5♋ 1	21°30	28°44	15°34	5°34	13°44	0°33	18° 3	5° 0	6°R34	7°54	26°49	8°51	W18
T 19	12 24 59	8°10'57	18°17	23°19	29°58	16°19	5°33	13°51	0°31	18° 5	5° 1	6°34	7°51	26°55	8°46	T 19
F 20	12 28 56	9° 9'59	1♌14	25° 4	1♉11	17° 4	5°31	13°59	0°29	18° 7	5° 3	6°31	7°48	27° 2	8°41	F 20
S 21	12 32 53	10° 8'59	13°55	26°46	2°25	17°50	5°30	14° 6	0°26	18° 8	5° 4	6°27	7°45	27° 9	8°36	S 21
S 22	12 36 49	11° 7'57	26°22	28°23	3°39	18°35	5°28	14°14	0°24	18°10	5° 5	6°20	7°42	27°15	8°32	S 22
M23	12 40 46	12° 6'53	8♍40	29°56	4°52	19°20	5°26	14°22	0°22	18°12	5° 7	6°11	7°39	27°22	8°27	M23
T 24	12 44 42	13° 5'46	20°48	1♉25	6° 6	20° 5	5°24	14°29	0°19	18°14	5° 8	6° 1	7°35	27°29	8°22	T 24
W25	12 48 39	14° 4'37	2♎49	2°49	7°19	20°50	5°22	14°37	0°17	18°16	5° 9	5°51	7°32	27°35	8°17	W25
T 26	12 52 35	15° 3'26	14°45	4° 7	8°33	21°34	5°19	14°44	0°15	18°18	5°11	5°41	7°29	27°42	8°13	T 26
F 27	12 56 32	16° 2'13	26°36	5°21	9°46	22°19	5°16	14°52	0°12	18°20	5°12	5°33	7°26	27°49	8° 8	F 27
S 28	13 0 28	17° 0'58	8♏26	6°28	10°59	23° 4	5°14	15° 0	0°10	18°22	5°13	5°28	7°23	27°55	8° 3	S 28
S 29	13 4 25	17°59'42	20°15	7°31	12°13	23°49	5°11	15° 7	0° 7	18°24	5°15	5°24	7°19	28° 2	7°59	S 29
M30	13 8 21	18°58'23	2♐ 6	8°27	13°26	24°33	5° 8	15°15	0° 5	18°26	5°16	5°D23	7°16	28° 9	7°54	M30
T 31	13 12 18	19♈57'03	14♐ 4	9♉18	14♉39	25♈18	5♐ 4	15♈22	0♏ 2	18♉28	5♓17	5♊23	7♊13	28♎16	7♎49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s50	13s14	2n13	6s23	1s41	2n10	1s 0	0n28	0s38	20s21	0n56	2n31	2s16	11s23	0n33	15n27	1s44	21s54	13s 0	21n39	21n49	6s21	6s15	2s24
M 2	3 26	17 28	1 15	5 32	1 35	2 42	0 58	0 47	0 37	20 21	0 56	2 34	2 16	11 22	0 33	15 28	1 44	21 54	13 0	21 38	21 49	6 24	6 13	2 24
T 3	3 2	21 2	0 12	4 40	1 29	3 13	0 56	1 6	0 37	20 21	0 56	2 37	2 16	11 22	0 33	15 28	1 44	21 53	13 0	21 38	21 48	6 27	6 11	2 24
W 4	2 39	23 45	0s52	3 46	1 22	3 43	0 54	1 25	0 36	20 21	0 56	2 40	2 16	11 21	0 33	15 29	1 44	21 53	13 0	21 38	21 48	6 30	6 9	2 24
T 5	2 15	25 25	1 55	2 52	1 15	4 14	0 52	1 44	0 36	20 22	0 56	2 42	2 16	11 20	0 33	15 29	1 44	21 52	13 0	21 38	21 47	6 33	6 7	2 23
F 6	1 52	25 48	2 54	1 57	1 7	4 45	0 50	2 2	0 35	20 22	0 56	2 45	2 16	11 20	0 33	15 29	1 44	21 52	13 0	21 38	21 47	6 36	6 5	2 23
S 7	1 28	24 46	3 46	1 1	0 59	5 16	0 48	2 21	0 34	20 22	0 56	2 48	2 16	11 19	0 33	15 30	1 44	21 51	13 0	21 38	21 46	6 39	6 3	2 23
S 8	1 4	22 16	4 27	0 5	0 50	5 46	0 46	2 40	0 34	20 22	0 56	2 51	2 16	11 18	0 33	15 30	1 44	21 51	13 1	21 37	21 46	6 42	6 0	2 23
M 9	0 40	18 23	4 54	0n53	0 40	6 17	0 43	2 58	0 33	20 22	0 56	2 54	2 16	11 18	0 33	15 31	1 44	21 51	13 1	21 35	21 45	6 45	5 58	2 22
T 10	0 17	13 17	5 3	1 50	0 31	6 47	0 41	3 17	0 33	20 22	0 56	2 57	2 16	11 17	0 33	15 31	1 44	21 50	13 1	21 34	21 45	6 48	5 56	2 22
W11	0n 7	7 18	4 51	2 48	0 20	7 17	0 39	3 35	0 32	20 22	0 56	3 0	2 16	11 16	0 33	15 32	1 44	21 50	13 1	21 32	21 44	6 51	5 54	2 22
T 12	0 31	0 48	4 20	3 46	0 10	7 47	0 36	3 54	0 31	20 22	0 57	3 3	2 16	11 16	0 33	15 32	1 44	21 49	13 1	21 30	21 44	6 54	5 52	2 21
F 13	0 54	5n47	3 29	4 43	0n 2	8 17	0 34	4 12	0 31	20 22	0 57	3 6	2 16	11 15	0 33	15 33	1 44	21 49	13 1	21 29	21 43	6 57	5 50	2 21
S 14	1 18	11 59	2 25	5 40	0 13	8 46	0 32	4 30	0 30	20 22	0 57	3 9	2 16	11 14	0 33	15 33	1 44	21 48	13 2	21 28	21 43	7 0	5 48	2 21
S 15	1 41	17 24	1 12	6 37	0 24	9 16	0 29	4 49	0 29	20 22	0 57	3 12	2 16	11 13	0 33	15 34	1 44	21 48	13 2	21 28	21 42	7 3	5 45	2 20
M16	2 5	21 40	0n 4	7 32	0 36	9 45	0 27	5 7	0 29	20 21	0 57	3 15	2 15	11 13	0 33	15 34	1 44	21 48	13 2	21 27	21 42	7 6	5 43	2 20
T 17	2 28	24 31	1 18	8 27	0 48	10 14	0 24	5 25	0 28	20 21	0 57	3 18	2 15	11 12	0 33	15 35	1 44	21 47	13 2	21 27	21 41	7 9	5 41	2 20
W18	2 52	25 50	2 26	9 20	1 0	10 43	0 22	5 43	0 28	20 21	0 57	3 21	2 15	11 11	0 33	15 36	1 44	21 47	13 2	21 28	21 41	7 12	5 39	2 19
T 19	3 15	25 37	3 24	10 11	1 11	11 11	0 19	6 1	0 27	20 21	0 57	3 24	2 15	11 10	0 33	15 36	1 43	21 47	13 3	21 28	21 40	7 15	5 37	2 19
F 20	3 39	24 0	4 10	11 1	1 23	11 39	0 17	6 19	0 26	20 20	0 57	3 27	2 15	11 9	0 33	15 37	1 43	21 46	13 3	21 27	21 40	7 18	5 34	2 18
S 21	4 2	21 12	4 42	11 48	1 34	12 7	0 14	6 37	0 26	20 20	0 57	3 30	2 15	11 9	0 33	15 37	1 43	21 46	13 3	21 26	21 39	7 21	5 32	2 18
S 22	4 25	17 28	5 1	12 34	1 45	12 35	0 11	6 55	0 25	20 20	0 57	3 33	2 15	11 8	0 33	15 38	1 43	21 46	13 3	21 25	21 39	7 24	5 30	2 18
M23	4 48	13 3	5 5	13 17	1 55	13 2	0 9	7 12	0 24	20 19	0 57	3 36	2 15	11 7	0 33	15 38	1 43	21 45	13 3	21 24	21 38	7 27	5 28	2 17
T 24	5 11	8 11	4 55	13 57	2 5	13 29	0 6	7 30	0 24	20 19	0 57	3 39	2 15	11 6	0 33	15 39	1 43	21 45	13 4	21 22	21 38	7 30	5 25	2 17
W25	5 34	3 3	4 33	14 35	2 14	13 56	0 3	7 48	0 23	20 18	0 57	3 42	2 15	11 5	0 33	15 39	1 43	21 45	13 4	21 20	21 37	7 33	5 23	2 17
T 26	5 57	2s10	3 58	15 10	2 23	14 22	0 1	8 5	0 23	20 18	0 57	3 45	2 15	11 4	0 33	15 40	1 43	21 44	13 4	21 18	21 37	7 36	5 21	2 16
F 27	6 19	7 17	3 13	15 42	2 31	14 48	0n 2	8 22	0 22	20 17	0 58	3 47	2 15	11 4	0 33	15 41	1 43	21 44	13 4	21 17	21 36	7 39	5 19	2 16
S 28	6 42	12 8	2 20	16 12	2 38	15 14	0 5	8 40	0 21	20 17	0 58	3 50	2 15	11 3	0 33	15 41	1 43	21 44	13 5	21 16	21 36	7 42	5 16	2 15
S 29	7 5	16 33	1 21	16 38	2 44	15 39	0 7	8 57	0 21	20 16	0 58	3 53	2 15	11 2	0 33	15 42	1 43	21 44	13 5	21 15	21 35	7 45	5 14	2 15
M30	7 27	20 21	0 18	17 1	2 49	16 4	0 10	9 14	0 20	20 16	0 58	3 56	2 15	11 1	0 33	15 42	1 43	21 43	13 5	21 15	21 35	7 48	5 12	2 15
T 31	7n49	23s19	0s47	17n22	2n53	16n29	0n13	9n31	0s19	20s15	0n58	3n59	2s15	11s 0	0n33	15n43	1s43	21s43	13s 5	21n15	21n34	7s51	5s10	2s14

Julian Day Number = 2289446.5, Delta T = 166.64 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'49, Lahiri = 17°39'49 Julian Calendar 1 March 1556 == Greg. Calendar 11 March 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

APRIL 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 16 15	20♈55'41	26♐11	10♉ 3	15♉52	26♈ 3	5°R 1	15♈30	29°R59	18♉30	5♓18	5♊24	7♊10	28♎22	7°R45	W 1
T 2	13 20 11	21°54'17	8♑33	10°42	17° 5	26°47	4♐57	15°38	29♎57	18°32	5°20	5°26	7° 7	28°29	7♎40	T 2
F 3	13 24 8	22°52'52	21°13	11°14	18°18	27°32	4°53	15°45	29°55	18°34	5°21	5°R27	7° 4	28°36	7°36	F 3
S 4	13 28 4	23°51'25	4♒18	11°41	19°31	28°16	4°49	15°53	29°52	18°36	5°22	5°26	7° 0	28°42	7°31	S 4
S 5	13 32 1	24°49'56	17°48	12° 2	20°44	29° 1	4°45	16° 0	29°50	18°38	5°23	5°24	6°57	28°49	7°27	S 5
M 6	13 35 57	25°48'25	1♓48	12°17	21°57	29°45	4°41	16° 8	29°47	18°40	5°24	5°20	6°54	28°56	7°22	M 6
T 7	13 39 54	26°46'53	16°15	12°26	23°10	0♉29	4°36	16°15	29°45	18°42	5°25	5°15	6°51	29° 2	7°18	T 7
W 8	13 43 50	27°45'20	1♈ 6	12°R29	24°23	1°13	4°31	16°23	29°42	18°44	5°26	5° 9	6°48	29° 9	7°14	W 8
T 9	13 47 47	28°43'44	16°14	12°26	25°36	1°58	4°27	16°30	29°40	18°47	5°28	5° 4	6°44	29°16	7°10	T 9
F 10	13 51 44	29°42'07	1♉29	12°18	26°49	2°42	4°22	16°38	29°37	18°49	5°29	5° 0	6°41	29°22	7° 5	F 10
S 11	13 55 40	0♉40'28	16°41	12° 5	28° 2	3°26	4°17	16°45	29°34	18°51	5°30	4°57	6°38	29°29	7° 1	S 11
S 12	13 59 37	1°38'47	1♊40	11°47	29°14	4°10	4°11	16°53	29°32	18°53	5°31	4°D56	6°35	29°36	6°57	S 12
M13	14 3 33	2°37'04	16°19	11°25	0♊27	4°54	4° 6	17° 0	29°29	18°55	5°32	4°56	6°32	29°42	6°53	M13
T 14	14 7 30	3°35'19	0♋33	10°58	1°39	5°38	4° 0	17° 8	29°27	18°57	5°33	4°58	6°29	29°49	6°49	T 14
W15	14 11 26	4°33'33	14°20	10°28	2°52	6°22	3°55	17°15	29°24	19° 0	5°34	4°59	6°25	29°56	6°46	W15
T 16	14 15 23	5°31'44	27°43	9°56	4° 4	7° 6	3°49	17°23	29°22	19° 2	5°35	5° 0	6°22	0♏ 2	6°42	T 16
F 17	14 19 19	6°29'53	10♌41	9°21	5°17	7°49	3°43	17°30	29°19	19° 4	5°36	5°R 0	6°19	0° 9	6°38	F 17
S 18	14 23 16	7°28'00	23°20	8°44	6°29	8°33	3°37	17°37	29°17	19° 6	5°36	4°59	6°16	0°16	6°34	S 18
S 19	14 27 13	8°26'05	5♍42	8° 7	7°42	9°17	3°31	17°45	29°14	19° 8	5°37	4°57	6°13	0°22	6°31	S 19
M20	14 31 9	9°24'08	17°52	7°29	8°54	10° 0	3°24	17°52	29°12	19°11	5°38	4°54	6°10	0°29	6°27	M20
T 21	14 35 6	10°22'09	29°52	6°52	10° 6	10°44	3°18	17°59	29° 9	19°13	5°39	4°50	6° 6	0°36	6°24	T 21
W22	14 39 2	11°20'08	11♎46	6°16	11°18	11°27	3°11	18° 6	29° 7	19°15	5°40	4°46	6° 3	0°42	6°21	W22
T 23	14 42 59	12°18'06	23°37	5°41	12°30	12°11	3° 5	18°14	29° 4	19°17	5°41	4°42	6° 0	0°49	6°17	T 23
F 24	14 46 55	13°16'02	5♏26	5° 9	13°43	12°54	2°58	18°21	29° 2	19°20	5°41	4°39	5°57	0°56	6°14	F 24
S 25	14 50 52	14°13'56	17°16	4°39	14°55	13°38	2°51	18°28	28°59	19°22	5°42	4°37	5°54	1° 2	6°11	S 25
S 26	14 54 48	15°11'49	29° 9	4°13	16° 6	14°21	2°45	18°35	28°57	19°24	5°43	4°D36	5°50	1° 9	6° 8	S 26
M27	14 58 45	16° 9'41	11♐ 7	3°50	17°18	15° 4	2°38	18°42	28°55	19°26	5°44	4°36	5°47	1°16	6° 5	M27
T 28	15 2 42	17° 7'31	23°13	3°31	18°30	15°47	2°30	18°49	28°52	19°29	5°44	4°37	5°44	1°22	6° 3	T 28
W29	15 6 38	18° 5'20	5♑29	3°16	19°42	16°30	2°23	18°56	28°50	19°31	5°45	4°38	5°41	1°29	6° 0	W29
T 30	15 10 35	19♉ 3'07	17♑57	3♉ 6	20♊54	17♉14	2♐16	19♈ 3	28♎47	19♉33	5♓46	4♊40	5♊38	1♏36	5♎57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n11	25s17	1s50	17n39	2n56	16n53	0n16	9n48	0s19	20s14	0n58	4n 2	2s15	10s59	0n33	15n43	1s43	21s43	13s 6	21n15	21n34	7s54	5s 8	2s14
T 2	8 33	26 3	2 50	17 53	2 58	17 17	0 19	10 4	0 18	20 14	0 58	4 5	2 15	10 58	0 33	15 44	1 43	21 43	13 6	21 16	21 33	7 57	5 5	2 13
F 3	8 55	25 29	3 43	18 4	2 59	17 40	0 21	10 21	0 17	20 13	0 58	4 8	2 16	10 57	0 33	15 45	1 43	21 42	13 6	21 16	21 33	8 0	5 3	2 13
S 4	9 17	23 32	4 26	18 12	2 59	18 3	0 24	10 37	0 17	20 12	0 58	4 11	2 16	10 57	0 33	15 45	1 43	21 42	13 6	21 16	21 32	8 3	5 1	2 12
S 5	9 38	20 13	4 56	18 17	2 57	18 25	0 27	10 54	0 16	20 11	0 58	4 14	2 16	10 56	0 33	15 46	1 43	21 42	13 7	21 15	21 31	8 6	4 59	2 12
M 6	10 0	15 41	5 10	18 19	2 54	18 47	0 30	11 10	0 16	20 11	0 58	4 16	2 16	10 55	0 33	15 46	1 43	21 42	13 7	21 15	21 31	8 9	4 57	2 11
T 7	10 21	10 7	5 5	18 18	2 50	19 8	0 32	11 26	0 15	20 10	0 58	4 19	2 16	10 54	0 33	15 47	1 43	21 42	13 7	21 14	21 30	8 12	4 55	2 11
W 8	10 42	3 50	4 40	18 13	2 44	19 29	0 35	11 42	0 14	20 9	0 58	4 22	2 16	10 53	0 33	15 48	1 43	21 42	13 7	21 13	21 30	8 15	4 52	2 10
T 9	11 3	2n47	3 54	18 6	2 37	19 49	0 38	11 58	0 14	20 8	0 58	4 25	2 16	10 52	0 33	15 48	1 43	21 41	13 8	21 12	21 29	8 18	4 50	2 10
F 10	11 24	9 19	2 52	17 56	2 29	20 9	0 41	12 14	0 13	20 7	0 58	4 28	2 16	10 51	0 33	15 49	1 43	21 41	13 8	21 11	21 29	8 21	4 48	2 10
S 11	11 44	15 18	1 38	17 42	2 19	20 29	0 43	12 30	0 12	20 6	0 58	4 31	2 16	10 50	0 33	15 49	1 43	21 41	13 8	21 10	21 28	8 24	4 46	2 9
S 12	12 5	20 15	0 18	17 27	2 9	20 47	0 46	12 45	0 12	20 5	0 58	4 33	2 16	10 49	0 33	15 50	1 43	21 41	13 9	21 10	21 28	8 27	4 44	2 9
M13	12 25	23 49	1n 2	17 8	1 57	21 6	0 49	13 1	0 11	20 4	0 58	4 36	2 16	10 49	0 33	15 51	1 43	21 41	13 9	21 10	21 27	8 30	4 42	2 8
T 14	12 45	25 45	2 16	16 47	1 43	21 23	0 52	13 16	0 10	20 3	0 58	4 39	2 16	10 48	0 33	15 51	1 43	21 41	13 9	21 11	21 27	8 33	4 40	2 8
W15	13 4	26 1	3 19	16 25	1 29	21 40	0 54	13 31	0 10	20 2	0 58	4 42	2 16	10 47	0 33	15 52	1 43	21 41	13 10	21 11	21 26	8 36	4 38	2 7
T 16	13 24	24 45	4 10	16 0	1 14	21 57	0 57	13 46	0 9	20 1	0 58	4 45	2 16	10 46	0 33	15 52	1 43	21 41	13 10	21 11	21 26	8 39	4 36	2 7
F 17	13 43	22 11	4 46	15 34	0 58	22 13	1 0	14 1	0 8	20 0	0 58	4 47	2 16	10 45	0 33	15 53	1 43	21 41	13 10	21 11	21 25	8 42	4 34	2 6
S 18	14 2	18 36	5 7	15 7	0 42	22 28	1 2	14 16	0 8	19 59	0 58	4 50	2 16	10 44	0 33	15 54	1 43	21 40	13 10	21 11	21 24	8 45	4 32	2 6
S 19	14 21	14 18	5 14	14 39	0 25	22 43	1 5	14 30	0 7	19 57	0 58	4 53	2 16	10 43	0 33	15 54	1 43	21 40	13 11	21 10	21 24	8 48	4 30	2 5
M20	14 40	9 30	5 6	14 10	0 8	22 57	1 7	14 45	0 7	19 56	0 58	4 55	2 16	10 42	0 33	15 55	1 43	21 40	13 11	21 10	21 23	8 51	4 29	2 5
T 21	14 58	4 24	4 44	13 41	0s10	23 10	1 10	14 59	0 6	19 55	0 58	4 58	2 17	10 41	0 33	15 56	1 43	21 40	13 11	21 9	21 23	8 54	4 27	2 4
W22	15 16	0s49	4 11	13 13	0 27	23 23	1 12	15 13	0 5	19 54	0 58	5 1	2 17	10 41	0 33	15 56	1 43	21 40	13 12	21 8	21 22	8 57	4 25	2 4
T 23	15 34	5 59	3 27	12 46	0 44	23 35	1 15	15 27	0 5	19 53	0 58	5 3	2 17	10 40	0 33	15 57	1 43	21 40	13 12	21 8	21 22	9 0	4 23	2 3
F 24	15 52	10 57	2 34	12 19	1 1	23 47	1 17	15 41	0 4	19 51	0 58	5 6	2 17	10 39	0 33	15 57	1 43	21 40	13 12	21 7	21 21	9 3	4 21	2 3
S 25	16 9	15 31	1 34	11 54	1 17	23 58	1 20	15 55	0 3	19 50	0 58	5 9	2 17	10 38	0 33	15 58	1 43	21 40	13 13	21 7	21 21	9 6	4 20	2 2
S 26	16 26	19 32	0 30	11 30	1 33	24 8	1 22	16 8	0 3	19 49	0 58	5 11	2 17	10 37	0 33	15 59	1 43	21 40	13 13	21 7	21 20	9 9	4 18	2 1
M27	16 43	22 46	0s36	11 8	1 48	24 17	1 24	16 22	0 2	19 48	0 58	5 14	2 17	10 36	0 33	15 59	1 43	21 40	13 13	21 7	21 19	9 12	4 16	2 1
T 28	16 59	25 0	1 41	10 49	2 2	24 26	1 26	16 35	0 1	19 46	0 58	5 16	2 17	10 36	0 33	16 0	1 43	21 40	13 14	21 7	21 19	9 15	4 15	2 0
W29	17 16	26 6	2 43	10 31	2 15	24 34	1 29	16 48	0 1	19 45	0 58	5 19	2 17	10 35	0 33	16 0	1 43	21 41	13 14	21 7	21 18	9 18	4 13	2 0
T 30	17n32	25s53	3s37	10n16	2s27	24n42	1n31	17n 1	0s 0	19s43	0n58	5n22	2s17	10s34	0n32	16n 1	1s43	21s41	13s14	21n 7	21n18	9s21	4s12	1s59

Julian Day Number = 2289477.5, Delta T = 166.47 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'53, Lahiri = 17°39'54 Julian Calendar 1 Apr. 1556 == Greg. Calendar 11 Apr. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

MAY 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 14 31	20♉ 0'54	0♒43	3°R 0	22♊ 5	17♉57	2°R 9	19♈10	28°R45	19♉35	5♓46	4♊41	5♊35	1♏42	5°R55	F 1
S 2	15 18 28	20°58'39	13°47	2°D58	23°17	18°40	2♐ 2	19°17	28♎43	19°38	5°47	4°41	5°31	1°49	5♎52	S 2
S 3	15 22 24	21°56'23	27°14	3♉ 1	24°29	19°23	1°54	19°24	28°41	19°40	5°48	4°R41	5°28	1°56	5°50	S 3
M 4	15 26 21	22°54'06	11♓ 4	3° 9	25°40	20° 5	1°47	19°31	28°38	19°42	5°48	4°41	5°25	2° 2	5°48	M 4
T 5	15 30 17	23°51'48	25°18	3°21	26°51	20°48	1°39	19°37	28°36	19°44	5°49	4°40	5°22	2° 9	5°46	T 5
W 6	15 34 14	24°49'28	9♈54	3°37	28° 3	21°31	1°32	19°44	28°34	19°47	5°49	4°39	5°19	2°16	5°44	W 6
T 7	15 38 11	25°47'08	24°47	3°58	29°14	22°14	1°24	19°51	28°32	19°49	5°50	4°38	5°16	2°22	5°42	T 7
F 8	15 42 7	26°44'47	9♉50	4°23	0♋25	22°56	1°17	19°57	28°30	19°51	5°50	4°37	5°12	2°29	5°40	F 8
S 9	15 46 4	27°42'24	24°55	4°53	1°37	23°39	1° 9	20° 4	28°27	19°53	5°51	4°37	5° 9	2°36	5°38	S 9
S 10	15 50 0	28°40'01	9♊53	5°27	2°48	24°22	1° 1	20°11	28°25	19°56	5°51	4°D36	5° 6	2°42	5°37	S 10
M11	15 53 57	29°37'36	24°36	6° 4	3°59	25° 4	0°54	20°17	28°23	19°58	5°51	4°37	5° 3	2°49	5°35	M11
T 12	15 57 53	0♊35'10	8♋57	6°46	5°10	25°47	0°46	20°24	28°21	20° 0	5°52	4°37	5° 0	2°56	5°34	T 12
W13	16 1 50	1°32'43	22°53	7°31	6°21	26°29	0°38	20°30	28°19	20° 2	5°52	4°37	4°56	3° 2	5°33	W13
T 14	16 5 47	2°30'14	6♌23	8°20	7°32	27°12	0°31	20°36	28°17	20° 4	5°52	4°38	4°53	3° 9	5°31	T 14
F 15	16 9 43	3°27'44	19°28	9°12	8°42	27°54	0°23	20°43	28°15	20° 7	5°53	4°38	4°50	3°16	5°30	F 15
S 16	16 13 40	4°25'13	2♍10	10° 8	9°53	28°36	0°16	20°49	28°13	20° 9	5°53	4°38	4°47	3°22	5°29	S 16
S 17	16 17 36	5°22'40	14°32	11° 8	11° 4	29°18	0° 8	20°55	28°12	20°11	5°53	4°38	4°44	3°29	5°29	S 17
M18	16 21 33	6°20'06	26°40	12°10	12°14	0♊ 1	0° 0	21° 1	28°10	20°13	5°53	4°38	4°41	3°36	5°28	M18
T 19	16 25 29	7°17'31	8♎38	13°16	13°25	0°43	29♏53	21° 7	28° 8	20°15	5°54	4°38	4°37	3°42	5°27	T 19
W20	16 29 26	8°14'54	20°29	14°25	14°35	1°25	29°45	21°13	28° 6	20°18	5°54	4°38	4°34	3°49	5°27	W20
T 21	16 33 22	9°12'17	2♏18	15°38	15°45	2° 7	29°38	21°19	28° 4	20°20	5°54	4°39	4°31	3°56	5°26	T 21
F 22	16 37 19	10° 9'38	14° 8	16°53	16°56	2°49	29°30	21°25	28° 3	20°22	5°54	4°39	4°28	4° 2	5°26	F 22
S 23	16 41 15	11° 6'59	26° 2	18°11	18° 6	3°31	29°23	21°31	28° 1	20°24	5°54	4°40	4°25	4° 9	5°26	S 23
S 24	16 45 12	12° 4'19	8♐ 2	19°33	19°16	4°13	29°16	21°37	28° 0	20°26	5°54	4°R40	4°22	4°16	5°D26	S 24
M25	16 49 9	13° 1'38	20°11	20°57	20°26	4°54	29° 8	21°43	27°58	20°28	5°54	4°39	4°18	4°22	5°26	M25
T 26	16 53 5	13°58'56	2♑30	22°24	21°36	5°36	29° 1	21°48	27°56	20°30	5°54	4°39	4°15	4°29	5°26	T 26
W27	16 57 2	14°56'14	15° 0	23°54	22°45	6°18	28°54	21°54	27°55	20°32	5°R54	4°38	4°12	4°36	5°27	W27
T 28	17 0 58	15°53'31	27°44	25°27	23°55	6°59	28°47	21°59	27°54	20°35	5°54	4°36	4° 9	4°42	5°27	T 28
F 29	17 4 55	16°50'47	10♒43	27° 3	25° 5	7°41	28°40	22° 5	27°52	20°37	5°54	4°35	4° 6	4°49	5°28	F 29
S 30	17 8 51	17°48'04	23°56	28°42	26°14	8°23	28°33	22°10	27°51	20°39	5°54	4°33	4° 2	4°56	5°28	S 30
S 31	17 12 48	18♊45'20	7♓26	0♊23	27♋23	9♊ 4	28♏26	22♈16	27♎50	20♉41	5♓54	4♊32	3♊59	5♏ 2	5♎29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n47	24s19	4s23	10n 3	2s39	24n48	1n33	17n14	0n 0	19s42	0n58	5n24	2s18	10s33	0n32	16n 2	1s43	21s41	13s15	21n 8	21n17	9s24	4s10	1s59	F 1
S 2	18 3	21 27	4 56	9 53	2 49	24 54	1 35	17 26	0 1	19 41	0 58	5 27	2 18	10 32	0 32	16 2	1 43	21 41	13 15	21 8	21 17	9 27	4 9	1 58	S 2
S 3	18 18	17 22	5 14	9 45	2 58	25 0	1 37	17 39	0 2	19 39	0 57	5 29	2 18	10 31	0 32	16 3	1 43	21 41	13 15	21 8	21 16	9 30	4 7	1 58	S 3
M 4	18 33	12 17	5 15	9 40	3 6	25 4	1 39	17 51	0 2	19 38	0 57	5 31	2 18	10 31	0 32	16 3	1 43	21 41	13 16	21 8	21 16	9 33	4 6	1 57	M 4
T 5	18 47	6 24	4 57	9 37	3 14	25 8	1 41	18 3	0 3	19 36	0 57	5 34	2 18	10 30	0 32	16 4	1 43	21 41	13 16	21 7	21 15	9 36	4 5	1 57	T 5
W 6	19 1	0 2	4 19	9 37	3 20	25 12	1 43	18 15	0 4	19 35	0 57	5 36	2 18	10 29	0 32	16 5	1 43	21 41	13 16	21 7	21 14	9 39	4 3	1 56	W 6
T 7	19 15	6n28	3 23	9 39	3 25	25 14	1 44	18 26	0 4	19 34	0 57	5 39	2 18	10 28	0 32	16 5	1 43	21 41	13 17	21 7	21 14	9 42	4 2	1 56	T 7
F 8	19 29	12 42	2 13	9 44	3 29	25 16	1 46	18 38	0 5	19 32	0 57	5 41	2 18	10 28	0 32	16 6	1 43	21 41	13 17	21 7	21 13	9 45	4 1	1 55	F 8
S 9	19 42	18 11	0 54	9 50	3 33	25 17	1 48	18 49	0 6	19 31	0 57	5 43	2 19	10 27	0 32	16 6	1 43	21 42	13 18	21 7	21 13	9 48	4 0	1 54	S 9
S 10	19 55	22 28	0n29	9 59	3 35	25 17	1 49	19 0	0 6	19 29	0 57	5 46	2 19	10 26	0 32	16 7	1 43	21 42	13 18	21 7	21 12	9 51	3 59	1 54	S 10
M11	20 7	25 12	1 49	10 10	3 36	25 17	1 51	19 11	0 7	19 28	0 57	5 48	2 19	10 25	0 32	16 8	1 43	21 42	13 18	21 7	21 12	9 54	3 58	1 53	M11
T 12	20 19	26 11	2 59	10 23	3 37	25 16	1 52	19 22	0 7	19 26	0 57	5 50	2 19	10 25	0 32	16 8	1 43	21 42	13 19	21 7	21 11	9 57	3 56	1 53	T 12
W13	20 31	25 27	3 57	10 38	3 37	25 14	1 53	19 33	0 8	19 25	0 57	5 53	2 19	10 24	0 32	16 9	1 43	21 42	13 19	21 7	21 10	10 0	3 55	1 52	W13
T 14	20 43	23 14	4 40	10 55	3 36	25 12	1 55	19 43	0 9	19 23	0 56	5 55	2 19	10 23	0 32	16 9	1 43	21 43	13 19	21 7	21 10	10 3	3 55	1 52	T 14
F 15	20 54	19 52	5 7	11 13	3 34	25 8	1 56	19 53	0 9	19 22	0 56	5 57	2 19	10 23	0 32	16 10	1 43	21 43	13 20	21 7	21 9	10 6	3 54	1 51	F 15
S 16	21 5	15 40	5 17	11 33	3 31	25 4	1 57	20 4	0 10	19 20	0 56	5 59	2 20	10 22	0 32	16 11	1 43	21 43	13 20	21 7	21 9	10 9	3 53	1 51	S 16
S 17	21 15	10 54	5 13	11 55	3 28	25 0	1 58	20 13	0 11	19 19	0 56	6 1	2 20	10 21	0 32	16 11	1 43	21 43	13 20	21 7	21 8	10 12	3 52	1 50	S 17
M18	21 25	5 49	4 54	12 18	3 24	24 55	1 59	20 23	0 11	19 17	0 56	6 4	2 20	10 21	0 32	16 12	1 43	21 43	13 21	21 7	21 7	10 14	3 51	1 50	M18
T 19	21 35	0 36	4 23	12 42	3 19	24 49	2 0	20 32	0 12	19 16	0 56	6 6	2 20	10 20	0 32	16 12	1 43	21 44	13 21	21 7	21 7	10 17	3 50	1 49	T 19
W20	21 44	4s36	3 41	13 7	3 14	24 42	2 1	20 42	0 12	19 14	0 56	6 8	2 20	10 20	0 32	16 13	1 43	21 44	13 21	21 7	21 6	10 20	3 50	1 48	W20
T 21	21 53	9 38	2 50	13 34	3 8	24 35	2 2	20 51	0 13	19 13	0 56	6 10	2 20	10 19	0 32	16 13	1 43	21 44	13 22	21 7	21 6	10 23	3 49	1 48	T 21
F 22	22 2	14 21	1 52	14 2	3 1	24 27	2 2	21 0	0 14	19 12	0 55	6 12	2 21	10 18	0 32	16 14	1 43	21 45	13 22	21 7	21 5	10 26	3 48	1 47	F 22
S 23	22 10	18 32	0 48	14 30	2 54	24 18	2 3	21 8	0 14	19 10	0 55	6 14	2 21	10 18	0 32	16 14	1 43	21 45	13 23	21 7	21 5	10 29	3 48	1 47	S 23
S 24	22 18	22 0	0s19	15 0	2 46	24 9	2 3	21 17	0 15	19 9	0 55	6 16	2 21	10 17	0 32	16 15	1 43	21 45	13 23	21 7	21 4	10 32	3 47	1 46	S 24
M25	22 25	24 33	1 25	15 30	2 38	23 59	2 4	21 25	0 15	19 7	0 55	6 18	2 21	10 17	0 32	16 16	1 43	21 45	13 23	21 7	21 3	10 35	3 47	1 46	M25
T 26	22 32	25 57	2 28	16 1	2 29	23 48	2 4	21 33	0 16	19 6	0 55	6 20	2 21	10 16	0 32	16 16	1 43	21 46	13 24	21 7	21 3	10 38	3 46	1 45	T 26
W27	22 39	26 3	3 25	16 32	2 20	23 37	2 4	21 41	0 17	19 5	0 55	6 22	2 22	10 16	0 32	16 17	1 43	21 46	13 24	21 7	21 2	10 41	3 46	1 45	W27
T 28	22 45	24 48	4 13	17 3	2 11	23 25	2 4	21 49	0 17	19 3	0 54	6 24	2 22	10 15	0 32	16 17	1 43	21 46	13 24	21 7	21 2	10 44	3 46	1 44	T 28
F 29	22 51	22 14	4 49	17 35	2 1	23 12	2 4	21 56	0 18	19 2	0 54	6 26	2 22	10 15	0 32	16 18	1 43	21 47	13 25	21 6	21 1	10 47	3 45	1 43	F 29
S 30	22 56	18 27	5 11	18 7	1 50	22 59	2 4	22 4	0 19	19 0	0 54	6 27	2 22	10 14	0 32	16 18	1 43	21 47	13 25	21 6	21 0	10 50	3 45	1 43	S 30
S 31	23n 1	13s41	5s16	18n39	1s40	22n45	2n 4	22n11	0n19	18s59	0n54	6n29	2s22	10s14	0n32	16n19	1s43	21s47	13s25	21n 6	21n 0	10s53	3s45	1s42	S 31

Julian Day Number = 2289507.5, Delta T = 166.29 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°32'57, Lahiri = 17°39'58 Julian Calendar 1 May 1556 == Greg. Calendar 11 May 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

JUNE 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 16 45	19♊42'35	21♓13	2♊ 7	28♋33	9♊46	28°R20	22♈21	27°R48	20♉43	5°R54	4°D32	3♊56	5♏ 9	5♎30	M 1
T 2	17 20 41	20°39'50	5♈17	3°54	29°42	10°27	28♏13	22°26	27♎47	20°45	5♓54	4♊33	3°53	5°16	5°31	T 2
W 3	17 24 38	21°37'05	19°37	5°44	0♌51	11° 9	28° 7	22°31	27°46	20°47	5°54	4°34	3°50	5°22	5°32	W 3
T 4	17 28 34	22°34'20	4♉ 9	7°36	2° 0	11°50	28° 0	22°36	27°45	20°49	5°54	4°35	3°47	5°29	5°33	T 4
F 5	17 32 31	23°31'35	18°51	9°31	3° 9	12°31	27°54	22°41	27°44	20°51	5°53	4°36	3°43	5°36	5°34	F 5
S 6	17 36 27	24°28'50	3♊36	11°29	4°18	13°12	27°48	22°46	27°43	20°53	5°53	4°R36	3°40	5°42	5°36	S 6
S 7	17 40 24	25°26'04	18°18	13°28	5°27	13°54	27°42	22°51	27°42	20°55	5°53	4°36	3°37	5°49	5°37	S 7
M 8	17 44 20	26°23'19	2♋50	15°30	6°35	14°35	27°36	22°56	27°41	20°57	5°53	4°34	3°34	5°56	5°39	M 8
T 9	17 48 17	27°20'32	17° 7	17°34	7°44	15°16	27°30	23° 1	27°40	20°58	5°52	4°32	3°31	6° 2	5°41	T 9
W10	17 52 14	28°17'46	1♌ 2	19°39	8°52	15°57	27°24	23° 5	27°39	21° 0	5°52	4°29	3°28	6° 9	5°43	W10
T 11	17 56 10	29°14'59	14°34	21°46	10° 0	16°38	27°19	23°10	27°38	21° 2	5°52	4°25	3°24	6°16	5°45	T 11
F 12	18 0 7	0♋12'11	27°42	23°55	11° 8	17°19	27°13	23°14	27°37	21° 4	5°51	4°22	3°21	6°22	5°47	F 12
S 13	18 4 3	1° 9'24	10♍27	26° 4	12°16	18° 0	27° 8	23°18	27°37	21° 6	5°51	4°19	3°18	6°29	5°49	S 13
S 14	18 8 0	2° 6'35	22°52	28°14	13°24	18°41	27° 3	23°23	27°36	21° 8	5°51	4°18	3°15	6°36	5°51	S 14
M15	18 11 56	3° 3'46	5♎ 0	0♋25	14°32	19°21	26°58	23°27	27°36	21° 9	5°50	4°D17	3°12	6°42	5°54	M15
T 16	18 15 53	4° 0'57	16°58	2°35	15°40	20° 2	26°53	23°31	27°35	21°11	5°50	4°18	3° 8	6°49	5°56	T 16
W17	18 19 49	4°58'08	28°49	4°46	16°47	20°43	26°48	23°35	27°35	21°13	5°49	4°19	3° 5	6°56	5°59	W17
T 18	18 23 46	5°55'18	10♏38	6°56	17°55	21°24	26°44	23°39	27°34	21°15	5°49	4°21	3° 2	7° 2	6° 2	T 18
F 19	18 27 43	6°52'28	22°30	9° 6	19° 2	22° 4	26°39	23°43	27°34	21°16	5°48	4°23	2°59	7° 9	6° 5	F 19
S 20	18 31 39	7°49'39	4♐28	11°14	20° 9	22°45	26°35	23°47	27°33	21°18	5°48	4°R23	2°56	7°16	6° 8	S 20
S 21	18 35 36	8°46'49	16°37	13°22	21°16	23°25	26°31	23°50	27°33	21°20	5°47	4°23	2°53	7°22	6°11	S 21
M22	18 39 32	9°43'59	28°59	15°28	22°22	24° 6	26°27	23°54	27°33	21°21	5°47	4°20	2°49	7°29	6°14	M22
T 23	18 43 29	10°41'09	11♑34	17°33	23°29	24°46	26°24	23°58	27°33	21°23	5°46	4°16	2°46	7°36	6°17	T 23
W24	18 47 25	11°38'19	24°25	19°37	24°35	25°27	26°20	24° 1	27°33	21°25	5°45	4°11	2°43	7°42	6°21	W24
T 25	18 51 22	12°35'30	7♒30	21°39	25°42	26° 7	26°17	24° 4	27°32	21°26	5°45	4° 5	2°40	7°49	6°24	T 25
F 26	18 55 19	13°32'41	20°50	23°39	26°48	26°47	26°13	24° 8	27°D32	21°28	5°44	3°59	2°37	7°56	6°28	F 26
S 27	18 59 15	14°29'53	4♓22	25°38	27°54	27°27	26°10	24°11	27°32	21°29	5°43	3°53	2°34	8° 2	6°31	S 27
S 28	19 3 12	15°27'04	18° 5	27°35	28°59	28° 8	26° 7	24°14	27°33	21°31	5°43	3°49	2°30	8° 9	6°35	S 28
M29	19 7 8	16°24'17	1♈58	29°30	0♍ 5	28°48	26° 5	24°17	27°33	21°32	5°42	3°46	2°27	8°16	6°39	M29
T 30	19 11 5	17♋21'30	16♈ 0	1♌23	1♍10	29♊28	26♏ 2	24♈20	27♎33	21♉34	5♓41	3°D45	2♊24	8♏22	6♎43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	8s 7	5s 3	19n11	1s29	22n31	2n 4	22n18	0n20	18s58	0n54	6n31	2s23	10s14	0n32	16n19	1s43	21s48	13s26	21n 6	20n59	10s56	3s45	1s42
T 2	23 10	2 3	4 32	19 43	1 18	22 16	2 3	22 24	0 20	18 56	0 54	6 33	2 23	10 13	0 32	16 20	1 43	21 48	13 26	21 6	20 59	10 59	3 45	1 41
W 3	23 14	4n14	3 44	20 13	1 7	22 1	2 3	22 31	0 21	18 55	0 53	6 34	2 23	10 13	0 32	16 20	1 43	21 49	13 26	21 6	20 58	11 2	3 45	1 41
T 4	23 17	10 25	2 40	20 44	0 55	21 45	2 2	22 37	0 22	18 54	0 53	6 36	2 23	10 12	0 32	16 21	1 43	21 49	13 27	21 6	20 57	11 5	3 45	1 40
F 5	23 20	16 6	1 26	21 13	0 44	21 28	2 1	22 43	0 22	18 53	0 53	6 38	2 23	10 12	0 32	16 21	1 43	21 49	13 27	21 7	20 57	11 8	3 45	1 40
S 6	23 23	20 50	0 6	21 41	0 32	21 11	2 1	22 49	0 23	18 52	0 53	6 39	2 24	10 12	0 32	16 22	1 43	21 50	13 27	21 7	20 56	11 10	3 45	1 39
S 7	23 25	24 13	1n15	22 8	0 21	20 53	2 0	22 55	0 23	18 50	0 53	6 41	2 24	10 11	0 31	16 22	1 43	21 50	13 28	21 7	20 56	11 13	3 45	1 39
M 8	23 27	25 57	2 29	22 33	0 9	20 35	1 59	23 0	0 24	18 49	0 52	6 42	2 24	10 11	0 31	16 23	1 43	21 51	13 28	21 6	20 55	11 16	3 45	1 38
T 9	23 28	25 55	3 33	22 57	0n 2	20 17	1 58	23 5	0 24	18 48	0 52	6 44	2 24	10 11	0 31	16 23	1 43	21 51	13 29	21 6	20 54	11 19	3 45	1 38
W10	23 29	24 15	4 22	23 18	0 13	19 58	1 57	23 10	0 25	18 47	0 52	6 45	2 24	10 10	0 31	16 24	1 43	21 51	13 29	21 5	20 54	11 22	3 46	1 37
T 11	23 30	21 12	4 56	23 38	0 23	19 38	1 55	23 15	0 26	18 46	0 52	6 47	2 25	10 10	0 31	16 24	1 43	21 52	13 29	21 5	20 53	11 25	3 46	1 37
F 12	23 30	17 10	5 12	23 55	0 34	19 18	1 54	23 20	0 26	18 45	0 52	6 48	2 25	10 10	0 31	16 25	1 43	21 52	13 30	21 4	20 53	11 28	3 46	1 36
S 13	23 30	12 29	5 12	24 10	0 43	18 57	1 52	23 24	0 27	18 44	0 51	6 50	2 25	10 10	0 31	16 25	1 43	21 53	13 30	21 4	20 52	11 31	3 47	1 35
S 14	23 29	7 24	4 58	24 22	0 53	18 36	1 51	23 28	0 27	18 43	0 51	6 51	2 25	10 10	0 31	16 25	1 43	21 53	13 30	21 3	20 51	11 34	3 47	1 35
M15	23 28	2 8	4 30	24 31	1 1	18 15	1 49	23 32	0 28	18 42	0 51	6 52	2 26	10 9	0 31	16 26	1 43	21 54	13 31	21 3	20 51	11 37	3 48	1 34
T 16	23 26	3s 7	3 51	24 38	1 9	17 53	1 47	23 36	0 29	18 41	0 51	6 54	2 26	10 9	0 31	16 26	1 43	21 54	13 31	21 3	20 50	11 40	3 48	1 34
W17	23 24	8 14	3 3	24 41	1 17	17 31	1 45	23 39	0 29	18 40	0 51	6 55	2 26	10 9	0 31	16 27	1 43	21 55	13 31	21 4	20 50	11 43	3 49	1 33
T 18	23 22	13 3	2 6	24 42	1 23	17 8	1 43	23 43	0 30	18 39	0 50	6 56	2 26	10 9	0 31	16 27	1 43	21 55	13 32	21 4	20 49	11 46	3 49	1 33
F 19	23 19	17 24	1 5	24 40	1 29	16 45	1 41	23 46	0 30	18 39	0 50	6 57	2 27	10 9	0 31	16 28	1 43	21 56	13 32	21 4	20 48	11 49	3 50	1 32
S 20	23 16	21 6	0s 0	24 36	1 35	16 22	1 39	23 49	0 31	18 38	0 50	6 59	2 27	10 9	0 31	16 28	1 43	21 56	13 32	21 4	20 48	11 51	3 51	1 32
S 21	23 12	23 55	1 6	24 28	1 39	15 58	1 36	23 51	0 31	18 37	0 50	7 0	2 27	10 9	0 31	16 28	1 44	21 57	13 32	21 4	20 47	11 54	3 51	1 31
M22	23 8	25 40	2 10	24 18	1 43	15 34	1 34	23 54	0 32	18 36	0 49	7 1	2 27	10 9	0 31	16 29	1 44	21 57	13 33	21 4	20 46	11 57	3 52	1 31
T 23	23 4	26 8	3 9	24 6	1 46	15 9	1 31	23 56	0 33	18 36	0 49	7 2	2 28	10 9	0 31	16 29	1 44	21 58	13 33	21 3	20 46	12 0	3 53	1 30
W24	22 59	25 12	3 59	23 51	1 48	14 45	1 28	23 58	0 33	18 35	0 49	7 3	2 28	10 9	0 31	16 29	1 44	21 58	13 33	21 2	20 45	12 3	3 54	1 30
T 25	22 54	22 54	4 37	23 34	1 50	14 20	1 25	24 0	0 34	18 35	0 49	7 4	2 28	10 9	0 31	16 30	1 44	21 59	13 34	21 1	20 45	12 6	3 55	1 29
F 26	22 48	19 21	5 2	23 14	1 51	13 54	1 22	24 2	0 34	18 34	0 49	7 5	2 28	10 9	0 31	16 30	1 44	21 59	13 34	21 0	20 44	12 9	3 56	1 29
S 27	22 42	14 44	5 10	22 53	1 51	13 28	1 19	24 3	0 35	18 34	0 48	7 6	2 29	10 9	0 31	16 31	1 44	22 0	13 34	20 59	20 43	12 12	3 57	1 28
S 28	22 36	9 19	5 0	22 30	1 50	13 3	1 16	24 5	0 35	18 33	0 48	7 7	2 29	10 9	0 31	16 31	1 44	22 0	13 35	20 58	20 43	12 15	3 58	1 28
M29	22 29	3 23	4 33	22 5	1 49	12 36	1 13	24 6	0 36	18 33	0 48	7 8	2 29	10 9	0 31	16 31	1 44	22 1	13 35	20 57	20 42	12 18	3 59	1 27
T 30	22n22	2n47	3s50	21n39	1n47	12n10	1n 9	24n 6	0n37	18s32	0n48	7n 8	2s29	10s 9	0n31	16n32	1s44	22s 1	13s35	20n57	20n42	12s20	4s 0	1s27

Julian Day Number = 2289538.5, Delta T = 166.11 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'02, Lahiri = 17°40'02 Julian Calendar 1 June 1556 == Greg. Calendar 11 June 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

JULY 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 15 1	18♋18'44	0♉10	3♌15	2♍15	0♋ 8	26°R 0	24♈23	27♎33	21♉35	5°R40	3♊45	2♊21	8♏29	6♎47	W 1
T 2	19 18 58	19°15'59	14°25	5° 4	3°20	0°48	25♏58	24°25	27°33	21°36	5♓40	3°46	2°18	8°36	6°51	T 2
F 3	19 22 54	20°13'14	28°44	6°52	4°25	1°28	25°56	24°28	27°34	21°38	5°39	3°R47	2°14	8°42	6°55	F 3
S 4	19 26 51	21°10'30	13♊ 4	8°38	5°30	2° 8	25°54	24°30	27°34	21°39	5°38	3°47	2°11	8°49	7° 0	S 4
S 5	19 30 48	22° 7'48	27°22	10°22	6°34	2°48	25°52	24°33	27°35	21°41	5°37	3°45	2° 8	8°55	7° 4	S 5
M 6	19 34 44	23° 5'05	11♋33	12° 4	7°38	3°28	25°51	24°35	27°35	21°42	5°36	3°41	2° 5	9° 2	7° 9	M 6
T 7	19 38 41	24° 2'24	25°32	13°45	8°42	4° 8	25°49	24°37	27°36	21°43	5°35	3°34	2° 2	9° 9	7°13	T 7
W 8	19 42 37	24°59'43	9♌16	15°24	9°46	4°48	25°48	24°39	27°36	21°44	5°35	3°26	1°59	9°15	7°18	W 8
T 9	19 46 34	25°57'02	22°40	17° 1	10°49	5°27	25°47	24°41	27°37	21°46	5°34	3°18	1°55	9°22	7°23	T 9
F 10	19 50 30	26°54'22	5♍44	18°36	11°53	6° 7	25°47	24°43	27°38	21°47	5°33	3° 9	1°52	9°29	7°28	F 10
S 11	19 54 27	27°51'43	18°28	20° 9	12°56	6°47	25°46	24°45	27°38	21°48	5°32	3° 1	1°49	9°35	7°33	S 11
S 12	19 58 23	28°49'04	0♎52	21°40	13°58	7°26	25°46	24°47	27°39	21°49	5°31	2°56	1°46	9°42	7°38	S 12
M13	20 2 20	29°46'26	13° 1	23°10	15° 1	8° 6	25°D46	24°48	27°40	21°50	5°30	2°52	1°43	9°49	7°43	M13
T 14	20 6 17	0♏43'48	24°58	24°38	16° 3	8°45	25°46	24°50	27°41	21°51	5°29	2°51	1°40	9°55	7°49	T 14
W15	20 10 13	1°41'11	6♐49	26° 4	17° 5	9°25	25°46	24°51	27°42	21°52	5°28	2°D51	1°36	10° 2	7°54	W15
T 16	20 14 10	2°38'34	18°38	27°28	18° 7	10° 4	25°46	24°53	27°43	21°53	5°27	2°51	1°33	10° 9	7°59	T 16
F 17	20 18 6	3°35'58	0♑31	28°50	19° 8	10°44	25°47	24°54	27°44	21°54	5°26	2°R52	1°30	10°15	8° 5	F 17
S 18	20 22 3	4°33'23	12°33	0♍10	20° 9	11°23	25°48	24°55	27°45	21°55	5°25	2°51	1°27	10°22	8°10	S 18
S 19	20 25 59	5°30'49	24°49	1°28	21°10	12° 2	25°48	24°56	27°46	21°56	5°24	2°49	1°24	10°29	8°16	S 19
M20	20 29 56	6°28'15	7♒21	2°44	22°10	12°42	25°50	24°57	27°47	21°57	5°23	2°45	1°20	10°35	8°22	M20
T 21	20 33 52	7°25'42	20°12	3°58	23°10	13°21	25°51	24°58	27°49	21°58	5°22	2°37	1°17	10°42	8°28	T 21
W22	20 37 49	8°23'11	3♓23	5°10	24°10	14° 0	25°52	24°58	27°50	21°59	5°21	2°28	1°14	10°49	8°34	W22
T 23	20 41 46	9°20'40	16°52	6°19	25° 9	14°39	25°54	24°59	27°51	21°59	5°19	2°18	1°11	10°55	8°40	T 23
F 24	20 45 42	10°18'10	0♈37	7°27	26° 8	15°18	25°56	24°59	27°53	22° 0	5°18	2° 7	1° 8	11° 2	8°46	F 24
S 25	20 49 39	11°15'42	14°34	8°32	27° 7	15°57	25°58	25° 0	27°54	22° 1	5°17	1°57	1° 5	11° 9	8°52	S 25
S 26	20 53 35	12°13'15	28°39	9°34	28° 5	16°36	26° 0	25° 0	27°56	22° 2	5°16	1°49	1° 1	11°15	8°58	S 26
M27	20 57 32	13°10'49	12♈49	10°33	29° 3	17°15	26° 2	25° 0	27°57	22° 2	5°15	1°44	0°58	11°22	9° 4	M27
T 28	21 1 28	14° 8'25	26°59	11°30	0♎ 0	17°54	26° 5	25°R 0	27°59	22° 3	5°14	1°41	0°55	11°29	9°11	T 28
W29	21 5 25	15° 6'02	11♉ 9	12°24	0°57	18°33	26° 8	25° 0	28° 1	22° 3	5°13	1°D40	0°52	11°35	9°17	W29
T 30	21 9 21	16° 3'41	25°16	13°15	1°54	19°12	26°11	25° 0	28° 2	22° 4	5°11	1°R40	0°49	11°42	9°24	T 30
F 31	21 13 18	17♌ 1'22	9♊19	14♍ 3	2♎50	19♋51	26♏14	25♈ 0	28♎ 4	22♉ 5	5♓10	1♊40	0♊45	11♏49	9♎30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n15	8n52	2s52	21n11	1n45	11n43	1n 6	24n 7	0n37	18s32	0n47	7n 9	2s30	10s 9	0n31	16n32	1s44	22s 2	13s35	20n57	20n41	12s23	4s 1	1s26
T 2	22 7	14 34	1 43	20 42	1 42	11 16	1 2	24 7	0 38	18 32	0 47	7 10	2 30	10 9	0 31	16 32	1 44	22 3	13 36	20 57	20 40	12 26	4 2	1 26
F 3	21 58	19 29	0 27	20 12	1 39	10 49	0 58	24 8	0 38	18 32	0 47	7 11	2 30	10 9	0 31	16 33	1 44	22 3	13 36	20 58	20 40	12 29	4 4	1 25
S 4	21 50	23 15	0n50	19 40	1 35	10 22	0 54	24 8	0 39	18 31	0 47	7 11	2 30	10 9	0 31	16 33	1 44	22 4	13 36	20 58	20 39	12 32	4 5	1 25
S 5	21 41	25 32	2 4	19 8	1 30	9 54	0 50	24 7	0 39	18 31	0 46	7 12	2 31	10 10	0 31	16 33	1 44	22 4	13 37	20 57	20 38	12 35	4 6	1 24
M 6	21 31	26 8	3 9	18 35	1 25	9 27	0 46	24 7	0 40	18 31	0 46	7 12	2 31	10 10	0 31	16 33	1 44	22 5	13 37	20 56	20 38	12 38	4 8	1 24
T 7	21 21	25 3	4 2	18 1	1 20	8 59	0 42	24 6	0 41	18 31	0 46	7 13	2 31	10 10	0 30	16 34	1 44	22 5	13 37	20 55	20 37	12 41	4 9	1 23
W 8	21 11	22 28	4 40	17 26	1 14	8 31	0 38	24 6	0 41	18 31	0 46	7 14	2 31	10 10	0 30	16 34	1 44	22 6	13 37	20 54	20 36	12 44	4 11	1 23
T 9	21 1	18 44	5 1	16 51	1 7	8 2	0 33	24 5	0 42	18 31	0 45	7 14	2 32	10 11	0 30	16 34	1 44	22 7	13 38	20 52	20 36	12 46	4 12	1 23
F 10	20 50	14 10	5 6	16 15	1 1	7 34	0 29	24 3	0 42	18 31	0 45	7 15	2 32	10 11	0 30	16 34	1 44	22 7	13 38	20 50	20 35	12 49	4 14	1 22
S 11	20 38	9 6	4 55	15 39	0 54	7 6	0 24	24 2	0 43	18 31	0 45	7 15	2 32	10 11	0 30	16 35	1 44	22 8	13 38	20 49	20 35	12 52	4 15	1 22
S 12	20 27	3 48	4 31	15 3	0 46	6 37	0 19	24 0	0 43	18 31	0 45	7 15	2 33	10 12	0 30	16 35	1 44	22 8	13 38	20 48	20 34	12 55	4 17	1 21
M13	20 15	1s33	3 55	14 26	0 38	6 8	0 14	23 59	0 44	18 31	0 45	7 16	2 33	10 12	0 30	16 35	1 45	22 9	13 39	20 47	20 33	12 58	4 18	1 21
T 14	20 3	6 46	3 9	13 49	0 30	5 40	0 9	23 57	0 44	18 32	0 44	7 16	2 33	10 12	0 30	16 35	1 45	22 9	13 39	20 47	20 33	13 1	4 20	1 20
W15	19 50	11 42	2 15	13 12	0 22	5 11	0 4	23 55	0 45	18 32	0 44	7 16	2 33	10 13	0 30	16 36	1 45	22 10	13 39	20 47	20 32	13 4	4 22	1 20
T 16	19 37	16 12	1 16	12 35	0 13	4 42	0s 1	23 52	0 45	18 32	0 44	7 16	2 34	10 13	0 30	16 36	1 45	22 11	13 39	20 47	20 31	13 7	4 23	1 19
F 17	19 24	20 6	0 13	11 58	0 4	4 13	0 6	23 50	0 46	18 33	0 44	7 17	2 34	10 13	0 30	16 36	1 45	22 11	13 39	20 47	20 31	13 9	4 25	1 19
S 18	19 10	23 13	0s52	11 21	0s 5	3 44	0 12	23 47	0 46	18 33	0 43	7 17	2 34	10 14	0 30	16 36	1 45	22 12	13 40	20 47	20 30	13 12	4 27	1 18
S 19	18 56	25 18	1 54	10 45	0 15	3 15	0 17	23 44	0 47	18 33	0 43	7 17	2 34	10 14	0 30	16 36	1 45	22 12	13 40	20 46	20 29	13 15	4 29	1 18
M20	18 42	26 10	2 53	10 8	0 25	2 46	0 23	23 41	0 48	18 34	0 43	7 17	2 35	10 15	0 30	16 37	1 45	22 13	13 40	20 46	20 29	13 18	4 31	1 18
T 21	18 28	25 40	3 44	9 32	0 35	2 17	0 29	23 37	0 48	18 35	0 43	7 17	2 35	10 15	0 30	16 37	1 45	22 14	13 40	20 44	20 28	13 21	4 33	1 17
W22	18 13	23 44	4 25	8 57	0 45	1 48	0 35	23 34	0 49	18 35	0 42	7 17	2 35	10 16	0 30	16 37	1 45	22 14	13 40	20 42	20 27	13 24	4 35	1 17
T 23	17 58	20 27	4 52	8 22	0 55	1 19	0 41	23 30	0 49	18 36	0 42	7 17	2 36	10 16	0 30	16 37	1 45	22 15	13 41	20 40	20 27	13 27	4 37	1 16
F 24	17 42	15 59	5 2	7 47	1 6	0 50	0 47	23 26	0 50	18 36	0 42	7 17	2 36	10 17	0 30	16 37	1 45	22 15	13 41	20 38	20 26	13 29	4 39	1 16
S 25	17 26	10 38	4 55	7 13	1 16	0 21	0 53	23 22	0 50	18 37	0 42	7 17	2 36	10 17	0 30	16 37	1 45	22 16	13 41	20 36	20 26	13 32	4 41	1 15
S 26	17 10	4 40	4 30	6 40	1 27	0s 8	0 59	23 18	0 51	18 38	0 42	7 16	2 36	10 18	0 30	16 37	1 45	22 17	13 41	20 35	20 25	13 35	4 43	1 15
M27	16 54	1n34	3 49	6 7	1 38	0 37	1 5	23 14	0 51	18 39	0 41	7 16	2 37	10 19	0 30	16 38	1 45	22 17	13 41	20 33	20 24	13 38	4 45	1 14
T 28	16 38	7 44	2 53	5 36	1 49	1 6	1 12	23 9	0 52	18 39	0 41	7 16	2 37	10 19	0 30	16 38	1 45	22 18	13 41	20 33	20 24	13 41	4 47	1 14
W29	16 21	13 31	1 47	5 5	1 59	1 35	1 18	23 4	0 52	18 40	0 41	7 16	2 37	10 20	0 30	16 38	1 45	22 18	13 42	20 33	20 23	13 44	4 49	1 14
T 30	16 4	18 35	0 34	4 35	2 10	2 3	1 25	22 59	0 53	18 41	0 41	7 15	2 37	10 20	0 30	16 38	1 45	22 19	13 42	20 33	20 22	13 46	4 51	1 13
F 31	15n46	22n34	0n41	4n 7	2s21	2s32	1s32	22n54	0n53	18s42	0n40	7n15	2s38	10s21	0n30	16n38	1s46	22s19	13s42	20n33	20n22	13s49	4s53	1s13

Julian Day Number = 2289568.5, Delta T = 165.94 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'06, Lahiri = 17°40'06 Julian Calendar 1 July 1556 == Greg. Calendar 11 July 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

AUGUST 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 17 15	17♌59'04	23♊18	14♍47	3♎45	20♋30	26♏17	24°R59	28♎ 6	22♉ 5	5°R 9	1°R38	0♊42	11♏55	9♎37	S 1
S 2	21 21 11	18°56'48	7♋11	15°28	4°40	21° 8	26°20	24♈59	28° 8	22° 6	5♓ 8	1♊34	0°39	12° 2	9°44	S 2
M 3	21 25 8	19°54'33	20°57	16° 5	5°35	21°47	26°24	24°58	28°10	22° 6	5° 7	1°28	0°36	12° 8	9°50	M 3
T 4	21 29 4	20°52'20	4♌33	16°38	6°29	22°26	26°28	24°58	28°12	22° 6	5° 5	1°18	0°33	12°15	9°57	T 4
W 5	21 33 1	21°50'09	17°56	17° 7	7°23	23° 4	26°32	24°57	28°14	22° 7	5° 4	1° 7	0°30	12°22	10° 4	W 5
T 6	21 36 57	22°47'59	1♍ 5	17°31	8°16	23°43	26°36	24°56	28°16	22° 7	5° 3	0°54	0°26	12°28	10°11	T 6
F 7	21 40 54	23°45'50	13°57	17°51	9° 8	24°21	26°40	24°55	28°18	22° 7	5° 2	0°42	0°23	12°35	10°18	F 7
S 8	21 44 50	24°43'42	26°33	18° 6	10° 0	25° 0	26°44	24°54	28°20	22° 8	5° 1	0°30	0°20	12°42	10°25	S 8
S 9	21 48 47	25°41'36	8♎52	18°15	10°51	25°38	26°49	24°53	28°22	22° 8	4°59	0°21	0°17	12°48	10°32	S 9
M10	21 52 44	26°39'32	20°58	18°R19	11°41	26°17	26°54	24°51	28°24	22° 8	4°58	0°15	0°14	12°55	10°40	M10
T 11	21 56 40	27°37'28	2♏53	18°17	12°31	26°55	26°59	24°50	28°26	22° 8	4°57	0°11	0°11	13° 2	10°47	T 11
W12	22 0 37	28°35'26	14°42	18° 9	13°20	27°33	27° 4	24°48	28°29	22° 8	4°56	0° 9	0° 7	13° 8	10°54	W12
T 13	22 4 33	29°33'26	26°30	17°56	14° 9	28°12	27° 9	24°47	28°31	22° 9	4°54	0° 8	0° 4	13°15	11° 2	T 13
F 14	22 8 30	0♍31'27	8♐23	17°36	14°56	28°50	27°14	24°45	28°33	22° 9	4°53	0° 8	0° 1	13°22	11° 9	F 14
S 15	22 12 26	1°29'29	20°26	17°10	15°43	29°28	27°20	24°43	28°36	22° 9	4°52	0° 8	29♉58	13°28	11°17	S 15
S 16	22 16 23	2°27'33	2♑44	16°38	16°29	0♌ 6	27°26	24°41	28°38	22°R 9	4°51	0° 5	29°55	13°35	11°24	S 16
M17	22 20 19	3°25'38	15°21	16° 0	17°14	0°45	27°32	24°39	28°41	22° 9	4°49	29♉59	29°51	13°42	11°32	M17
T 18	22 24 16	4°23'44	28°22	15°16	17°58	1°23	27°38	24°37	28°43	22° 9	4°48	29°52	29°48	13°48	11°39	T 18
W19	22 28 13	5°21'52	11♒46	14°28	18°42	2° 1	27°44	24°35	28°46	22° 9	4°47	29°42	29°45	13°55	11°47	W19
T 20	22 32 9	6°20'02	25°34	13°35	19°24	2°39	27°50	24°33	28°48	22° 8	4°46	29°31	29°42	14° 2	11°55	T 20
F 21	22 36 6	7°18'13	9♓42	12°39	20° 5	3°17	27°57	24°30	28°51	22° 8	4°44	29°19	29°39	14° 8	12° 3	F 21
S 22	22 40 2	8°16'27	24° 5	11°41	20°46	3°55	28° 3	24°28	28°54	22° 8	4°43	29° 8	29°36	14°15	12°10	S 22
S 23	22 43 59	9°14'41	8♈37	10°41	21°25	4°32	28°10	24°25	28°56	22° 8	4°42	28°59	29°32	14°22	12°18	S 23
M24	22 47 55	10°12'58	23°10	9°41	22° 3	5°10	28°17	24°23	28°59	22° 8	4°41	28°53	29°29	14°28	12°26	M24
T 25	22 51 52	11°11'17	7♉39	8°43	22°40	5°48	28°24	24°20	29° 2	22° 7	4°39	28°49	29°26	14°35	12°34	T 25
W26	22 55 48	12° 9'39	22° 1	7°47	23°15	6°26	28°31	24°17	29° 5	22° 7	4°38	28°48	29°23	14°41	12°42	W26
T 27	22 59 45	13° 8'02	6♊11	6°56	23°50	7° 4	28°38	24°14	29° 8	22° 7	4°37	28°48	29°20	14°48	12°50	T 27
F 28	23 3 41	14° 6'28	20°10	6°10	24°23	7°41	28°46	24°11	29°11	22° 6	4°36	28°48	29°17	14°55	12°58	F 28
S 29	23 7 38	15° 4'56	3♋57	5°30	24°55	8°19	28°53	24° 8	29°13	22° 6	4°34	28°47	29°13	15° 1	13° 6	S 29
S 30	23 11 35	16° 3'26	17°32	4°58	25°25	8°57	29° 1	24° 5	29°16	22° 5	4°33	28°43	29°10	15° 8	13°14	S 30
M31	23 15 31	17♍ 1'58	0♌56	4♍35	25♎54	9♌34	29♏ 9	24♈ 2	29♎19	22♉ 5	4♓32	28♉37	29♉ 7	15♏15	13♎23	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n29	25n12	1n52	3n40	2s32	3s 0	1s39	22n49	0n54	18s43	0n40	7n15	2s38	10s22	0n30	16n38	1s46	22s20	13s42	20n32	20n21	13s52	4s56	1s12	S 1
S 2	15 11	26 14	2 56	3 14	2 43	3 29	1 46	22 44	0 54	18 44	0 40	7 14	2 38	10 22	0 30	16 38	1 46	22 21	13 42	20 32	20 20	13 55	4 58	1 12	S 2
M 3	14 53	25 38	3 49	2 50	2 53	3 57	1 53	22 38	0 55	18 45	0 40	7 14	2 39	10 23	0 30	16 38	1 46	22 21	13 42	20 30	20 20	13 58	5 0	1 12	M 3
T 4	14 34	23 31	4 29	2 28	3 4	4 25	2 0	22 32	0 55	18 46	0 40	7 13	2 39	10 24	0 30	16 38	1 46	22 22	13 42	20 28	20 19	14 1	5 3	1 11	T 4
W 5	14 16	20 8	4 53	2 7	3 14	4 53	2 7	22 26	0 56	18 47	0 39	7 13	2 39	10 25	0 29	16 38	1 46	22 22	13 43	20 26	20 18	14 3	5 5	1 11	W 5
T 6	13 57	15 47	5 0	1 49	3 24	5 20	2 14	22 20	0 56	18 49	0 39	7 12	2 39	10 25	0 29	16 38	1 46	22 23	13 43	20 23	20 18	14 6	5 7	1 10	T 6
F 7	13 38	10 49	4 53	1 32	3 33	5 48	2 22	22 14	0 57	18 50	0 39	7 12	2 40	10 26	0 29	16 38	1 46	22 23	13 43	20 21	20 17	14 9	5 10	1 10	F 7
S 8	13 19	5 31	4 31	1 18	3 43	6 15	2 29	22 8	0 57	18 51	0 39	7 11	2 40	10 27	0 29	16 38	1 46	22 24	13 43	20 18	20 16	14 12	5 12	1 10	S 8
S 9	12 59	0 6	3 56	1 7	3 51	6 42	2 37	22 1	0 58	18 52	0 38	7 10	2 40	10 28	0 29	16 38	1 46	22 25	13 43	20 16	20 16	14 15	5 15	1 9	S 9
M10	12 40	5s14	3 12	0 58	3 59	7 9	2 44	21 54	0 58	18 54	0 38	7 10	2 40	10 29	0 29	16 38	1 46	22 25	13 43	20 15	20 15	14 17	5 17	1 9	M10
T 11	12 20	10 19	2 19	0 52	4 6	7 36	2 52	21 47	0 59	18 55	0 38	7 9	2 41	10 29	0 29	16 38	1 46	22 26	13 43	20 14	20 14	14 20	5 20	1 8	T 11
W12	12 0	15 0	1 21	0 49	4 12	8 2	3 0	21 40	0 59	18 56	0 38	7 8	2 41	10 30	0 29	16 38	1 46	22 26	13 43	20 14	20 14	14 23	5 22	1 8	W12
T 13	11 39	19 7	0 19	0 50	4 18	8 28	3 8	21 33	1 0	18 58	0 38	7 7	2 41	10 31	0 29	16 38	1 46	22 27	13 43	20 14	20 13	14 26	5 25	1 8	T 13
F 14	11 19	22 29	0s44	0 54	4 22	8 54	3 15	21 26	1 0	18 59	0 37	7 6	2 41	10 32	0 29	16 38	1 46	22 27	13 43	20 14	20 12	14 29	5 27	1 7	F 14
S 15	10 58	24 54	1 45	1 1	4 25	9 20	3 23	21 18	1 1	19 1	0 37	7 6	2 42	10 33	0 29	16 38	1 46	22 28	13 43	20 14	20 12	14 31	5 30	1 7	S 15
S 16	10 37	26 12	2 43	1 12	4 26	9 45	3 31	21 11	1 1	19 2	0 37	7 5	2 42	10 34	0 29	16 38	1 46	22 28	13 43	20 13	20 11	14 34	5 32	1 6	S 16
M17	10 16	26 10	3 35	1 27	4 26	10 10	3 39	21 3	1 2	19 4	0 37	7 4	2 42	10 35	0 29	16 38	1 46	22 29	13 44	20 12	20 10	14 37	5 35	1 6	M17
T 18	9 55	24 44	4 17	1 45	4 24	10 34	3 48	20 55	1 2	19 5	0 37	7 3	2 42	10 36	0 29	16 38	1 47	22 29	13 44	20 10	20 10	14 40	5 38	1 6	T 18
W19	9 34	21 53	4 46	2 7	4 21	10 58	3 56	20 47	1 3	19 7	0 36	7 2	2 43	10 37	0 29	16 38	1 47	22 30	13 44	20 8	20 9	14 43	5 40	1 5	W19
T 20	9 13	17 44	5 0	2 32	4 15	11 22	4 4	20 39	1 3	19 8	0 36	7 1	2 43	10 37	0 29	16 38	1 47	22 30	13 44	20 6	20 8	14 45	5 43	1 5	T 20
F 21	8 51	12 31	4 56	3 0	4 8	11 46	4 12	20 30	1 4	19 10	0 36	7 0	2 43	10 38	0 29	16 38	1 47	22 31	13 44	20 3	20 7	14 48	5 46	1 5	F 21
S 22	8 29	6 32	4 33	3 31	3 59	12 9	4 20	20 22	1 4	19 12	0 36	6 58	2 43	10 39	0 29	16 38	1 47	22 31	13 44	20 1	20 7	14 51	5 48	1 4	S 22
S 23	8 7	0 8	3 53	4 4	3 47	12 31	4 29	20 13	1 5	19 13	0 36	6 57	2 43	10 40	0 29	16 38	1 47	22 32	13 44	19 59	20 6	14 54	5 51	1 4	S 23
M24	7 45	6n17	2 57	4 39	3 34	12 53	4 37	20 5	1 5	19 15	0 35	6 56	2 44	10 41	0 29	16 37	1 47	22 32	13 44	19 58	20 5	14 57	5 54	1 3	M24
T 25	7 23	12 22	1 50	5 14	3 19	13 15	4 45	19 56	1 6	19 17	0 35	6 55	2 44	10 42	0 29	16 37	1 47	22 33	13 44	19 57	20 5	14 59	5 57	1 3	T 25
W26	7 1	17 44	0 36	5 50	3 3	13 36	4 54	19 47	1 6	19 19	0 35	6 54	2 44	10 43	0 29	16 37	1 47	22 33	13 44	19 56	20 4	15 2	6 0	1 3	W26
T 27	6 39	22 2	0n39	6 25	2 46	13 57	5 2	19 38	1 7	19 20	0 35	6 52	2 44	10 44	0 29	16 37	1 47	22 34	13 44	19 56	20 3	15 5	6 2	1 2	T 27
F 28	6 16	24 58	1 51	7 0	2 27	14 17	5 10	19 29	1 7	19 22	0 35	6 51	2 45	10 46	0 29	16 37	1 47	22 34	13 44	19 56	20 3	15 8	6 5	1 2	F 28
S 29	5 53	26 21	2 55	7 32	2 8	14 36	5 19	19 19	1 8	19 24	0 34	6 50	2 45	10 47	0 29	16 37	1 47	22 35	13 44	19 56	20 2	15 10	6 8	1 2	S 29
S 30	5 31	26 7	3 48	8 2	1 48	14 55	5 27	19 10	1 8	19 26	0 34	6 48	2 45	10 48	0 29	16 37	1 47	22 35	13 44	19 55	20 1	15 13	6 11	1 1	S 30
M31	5n 8	24n21	4n28	8n29	1s29	15s13	5s35	19n 0	1n 9	19s28	0n34	6n47	2s45	10s49	0n29	16n36	1s47	22s36	13s44	19n54	20n 1	15s16	6s14	1s 1	M31

Julian Day Number = 2289599.5, Delta T = 165.76 sec
Ecliptic obliquity = 23°29'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'10, Lahiri = 17°40'10 Julian Calendar 1 Aug. 1556 == Greg. Calendar 11 Aug. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

SEPTEMBER 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 19 28	18♍ 0'32	14♌ 9	4°R20	26♎21	10♌12	29♏17	23°R58	29♎22	22°R 4	4°R31	28°R28	29♉ 4	15♏21	13♎31	T 1
W 2	23 23 24	18°59'08	27°10	4°D15	26°47	10°49	29°25	23♈55	29°25	22♉ 4	4♓29	28♉17	29° 1	15°28	13°39	W 2
T 3	23 27 21	19°57'47	9♍59	4♍19	27°11	11°27	29°33	23°51	29°29	22° 3	4°28	28° 5	28°57	15°35	13°47	T 3
F 4	23 31 17	20°56'27	22°34	4°33	27°34	12° 4	29°42	23°48	29°32	22° 3	4°27	27°53	28°54	15°41	13°56	F 4
S 5	23 35 14	21°55'09	4♎57	4°57	27°55	12°41	29°50	23°44	29°35	22° 2	4°26	27°42	28°51	15°48	14° 4	S 5
S 6	23 39 10	22°53'53	17° 7	5°30	28°14	13°19	29°59	23°41	29°38	22° 1	4°25	27°33	28°48	15°55	14°12	S 6
M 7	23 43 7	23°52'39	29° 7	6°12	28°31	13°56	0♐ 7	23°37	29°41	22° 1	4°23	27°27	28°45	16° 1	14°21	M 7
T 8	23 47 4	24°51'27	10♏59	7° 2	28°46	14°33	0°16	23°33	29°44	22° 0	4°22	27°23	28°42	16° 8	14°29	T 8
W 9	23 51 0	25°50'17	22°46	8° 0	28°59	15°10	0°25	23°29	29°48	21°59	4°21	27°D22	28°38	16°15	14°38	W 9
T 10	23 54 57	26°49'09	4♐33	9° 6	29°10	15°47	0°34	23°25	29°51	21°58	4°20	27°22	28°35	16°21	14°46	T 10
F 11	23 58 53	27°48'02	16°24	10°17	29°18	16°25	0°43	23°21	29°54	21°58	4°19	27°23	28°32	16°28	14°55	F 11
S 12	0 2 50	28°46'58	28°25	11°35	29°25	17° 2	0°53	23°17	29°58	21°57	4°18	27°R23	28°29	16°34	15° 3	S 12
S 13	0 6 46	29°45'55	10♑41	12°58	29°30	17°39	1° 2	23°13	0♏ 1	21°56	4°17	27°22	28°26	16°41	15°12	S 13
M14	0 10 43	0♎44'54	23°18	14°25	29°R32	18°16	1°12	23° 9	0° 4	21°55	4°15	27°20	28°23	16°48	15°20	M14
T 15	0 14 39	1°43'54	6♒19	15°57	29°31	18°52	1°21	23° 4	0° 8	21°54	4°14	27°15	28°19	16°54	15°29	T 15
W16	0 18 36	2°42'57	19°47	17°31	29°29	19°29	1°31	23° 0	0°11	21°53	4°13	27° 9	28°16	17° 1	15°38	W16
T 17	0 22 33	3°42'01	3♓42	19° 8	29°24	20° 6	1°41	22°56	0°15	21°52	4°12	27° 0	28°13	17° 8	15°46	T 17
F 18	0 26 29	4°41'07	18° 3	20°48	29°16	20°43	1°51	22°51	0°18	21°51	4°11	26°52	28°10	17°14	15°55	F 18
S 19	0 30 26	5°40'15	2♈44	22°29	29° 7	21°20	2° 1	22°47	0°22	21°50	4°10	26°44	28° 7	17°21	16° 3	S 19
S 20	0 34 22	6°39'25	17°37	24°12	28°54	21°56	2°11	22°42	0°25	21°49	4° 9	26°37	28° 3	17°28	16°12	S 20
M21	0 38 19	7°38'37	2♉34	25°56	28°40	22°33	2°21	22°38	0°29	21°48	4° 8	26°33	28° 0	17°34	16°21	M21
T 22	0 42 15	8°37'51	17°27	27°40	28°23	23°10	2°32	22°33	0°32	21°47	4° 7	26°31	27°57	17°41	16°30	T 22
W23	0 46 12	9°37'08	2♊ 9	29°25	28° 4	23°46	2°42	22°29	0°36	21°46	4° 6	26°D31	27°54	17°48	16°38	W23
T 24	0 50 8	10°36'27	16°34	1♎11	27°42	24°23	2°53	22°24	0°39	21°44	4° 5	26°32	27°51	17°54	16°47	T 24
F 25	0 54 5	11°35'49	0♋41	2°56	27°18	24°59	3° 3	22°19	0°43	21°43	4° 4	26°33	27°48	18° 1	16°56	F 25
S 26	0 58 2	12°35'13	14°28	4°41	26°53	25°36	3°14	22°15	0°46	21°42	4° 3	26°R33	27°44	18° 8	17° 4	S 26
S 27	1 1 58	13°34'39	27°56	6°26	26°25	26°12	3°25	22°10	0°50	21°41	4° 2	26°32	27°41	18°14	17°13	S 27
M28	1 5 55	14°34'07	11♌ 8	8°11	25°56	26°48	3°36	22° 5	0°54	21°40	4° 1	26°29	27°38	18°21	17°22	M28
T 29	1 9 51	15°33'38	24° 4	9°56	25°25	27°25	3°47	22° 0	0°57	21°38	4° 0	26°24	27°35	18°27	17°31	T 29
W30	1 13 48	16♎33'11	6♍46	11♎40	24♎52	28♌ 1	3♐58	21♈56	1♏ 1	21♉37	4♓ 0	26♉18	27♉32	18♏34	17♎39	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n45	21n17	4n53	8n52	1s 9	15s31	5s43	18n51	1n 9	19s30	0n34	6n46	2s45	10s50	0n29	16n36	1s47	22s36	13s44	19n52	20n 0	15s19	6s17	1s 1
W 2	4 22	17 12	5 2	9 12	0 50	15 48	5 51	18 41	1 10	19 32	0 34	6 44	2 46	10 51	0 29	16 36	1 47	22 36	13 43	19 50	19 59	15 21	6 20	1 0
T 3	3 59	12 24	4 56	9 28	0 31	16 5	5 59	18 31	1 10	19 34	0 33	6 43	2 46	10 52	0 29	16 36	1 47	22 37	13 43	19 47	19 59	15 24	6 22	1 0
F 4	3 36	7 10	4 35	9 39	0 14	16 20	6 7	18 21	1 11	19 36	0 33	6 41	2 46	10 53	0 29	16 36	1 47	22 37	13 43	19 44	19 58	15 27	6 25	1 0
S 5	3 13	1 43	4 2	9 46	0n 3	16 35	6 15	18 11	1 11	19 38	0 33	6 40	2 46	10 54	0 29	16 35	1 48	22 38	13 43	19 42	19 57	15 30	6 28	0 59
S 6	2 50	3s42	3 17	9 49	0 19	16 49	6 23	18 1	1 12	19 40	0 33	6 38	2 46	10 55	0 29	16 35	1 48	22 38	13 43	19 40	19 56	15 32	6 31	0 59
M 7	2 26	8 56	2 25	9 47	0 34	17 2	6 31	17 50	1 12	19 42	0 33	6 37	2 46	10 57	0 29	16 35	1 48	22 38	13 43	19 38	19 56	15 35	6 34	0 59
T 8	2 3	13 47	1 26	9 41	0 47	17 15	6 38	17 40	1 13	19 44	0 33	6 35	2 47	10 58	0 29	16 35	1 48	22 39	13 43	19 37	19 55	15 38	6 37	0 58
W 9	1 39	18 7	0 25	9 30	0 59	17 26	6 45	17 29	1 13	19 46	0 32	6 34	2 47	10 59	0 29	16 34	1 48	22 39	13 43	19 37	19 54	15 41	6 40	0 58
T 10	1 16	21 44	0s38	9 16	1 10	17 37	6 52	17 19	1 14	19 48	0 32	6 32	2 47	11 0	0 29	16 34	1 48	22 39	13 43	19 37	19 54	15 43	6 43	0 58
F 11	0 53	24 28	1 40	8 58	1 20	17 46	6 59	17 8	1 14	19 50	0 32	6 30	2 47	11 1	0 29	16 34	1 48	22 40	13 43	19 37	19 53	15 46	6 46	0 57
S 12	0 29	26 8	2 39	8 36	1 28	17 55	7 5	16 57	1 15	19 52	0 32	6 29	2 47	11 2	0 28	16 34	1 48	22 40	13 43	19 37	19 52	15 49	6 49	0 57
S 13	0 6	26 34	3 31	8 10	1 35	18 2	7 12	16 46	1 15	19 54	0 32	6 27	2 47	11 4	0 28	16 33	1 48	22 40	13 43	19 37	19 52	15 51	6 52	0 57
M14	0s18	25 40	4 14	7 42	1 41	18 8	7 17	16 35	1 16	19 56	0 31	6 25	2 47	11 5	0 28	16 33	1 48	22 41	13 42	19 37	19 51	15 54	6 55	0 56
T 15	0 41	23 22	4 46	7 11	1 46	18 13	7 23	16 24	1 16	19 58	0 31	6 24	2 47	11 6	0 28	16 33	1 48	22 41	13 42	19 36	19 50	15 57	6 58	0 56
W16	1 5	19 43	5 4	6 38	1 50	18 17	7 28	16 13	1 16	20 0	0 31	6 22	2 48	11 7	0 28	16 33	1 48	22 41	13 42	19 34	19 49	16 0	7 1	0 56
T 17	1 28	14 54	5 4	6 2	1 52	18 20	7 33	16 2	1 17	20 3	0 31	6 20	2 48	11 9	0 28	16 32	1 48	22 42	13 42	19 32	19 49	16 2	7 4	0 55
F 18	1 52	9 7	4 46	5 24	1 54	18 21	7 37	15 51	1 17	20 5	0 31	6 19	2 48	11 10	0 28	16 32	1 48	22 42	13 42	19 30	19 48	16 5	7 7	0 55
S 19	2 15	2 43	4 9	4 45	1 55	18 21	7 40	15 39	1 18	20 7	0 31	6 17	2 48	11 11	0 28	16 32	1 48	22 42	13 42	19 28	19 47	16 8	7 10	0 55
S 20	2 39	3n57	3 14	4 4	1 55	18 19	7 44	15 28	1 18	20 9	0 31	6 15	2 48	11 12	0 28	16 31	1 48	22 42	13 42	19 27	19 47	16 10	7 13	0 54
M21	3 2	10 26	2 6	3 22	1 54	18 16	7 46	15 16	1 19	20 11	0 30	6 13	2 48	11 13	0 28	16 31	1 48	22 43	13 42	19 26	19 46	16 13	7 17	0 54
T 22	3 26	16 18	0 49	2 39	1 53	18 12	7 48	15 5	1 19	20 13	0 30	6 12	2 48	11 15	0 28	16 31	1 48	22 43	13 41	19 25	19 45	16 16	7 20	0 54
W23	3 49	21 8	0n30	1 56	1 51	18 6	7 49	14 53	1 20	20 16	0 30	6 10	2 48	11 16	0 28	16 30	1 48	22 43	13 41	19 25	19 44	16 19	7 23	0 53
T 24	4 13	24 35	1 46	1 11	1 49	17 58	7 50	14 41	1 20	20 18	0 30	6 8	2 48	11 17	0 28	16 30	1 48	22 43	13 41	19 26	19 44	16 21	7 26	0 53
F 25	4 36	26 24	2 54	0 27	1 45	17 49	7 50	14 30	1 21	20 20	0 30	6 6	2 48	11 19	0 28	16 30	1 48	22 44	13 41	19 26	19 43	16 24	7 29	0 53
S 26	4 59	26 32	3 50	0s19	1 42	17 39	7 49	14 18	1 21	20 22	0 30	6 5	2 48	11 20	0 28	16 29	1 48	22 44	13 41	19 26	19 42	16 27	7 32	0 53
S 27	5 22	25 4	4 32	1 4	1 38	17 27	7 47	14 6	1 22	20 25	0 29	6 3	2 48	11 21	0 28	16 29	1 48	22 44	13 41	19 26	19 42	16 29	7 35	0 52
M28	5 45	22 16	4 59	1 49	1 33	17 14	7 44	13 54	1 22	20 27	0 29	6 1	2 48	11 22	0 28	16 29	1 49	22 44	13 40	19 25	19 41	16 32	7 38	0 52
T 29	6 8	18 24	5 10	2 35	1 29	16 59	7 41	13 42	1 23	20 29	0 29	5 59	2 48	11 24	0 28	16 28	1 49	22 44	13 40	19 24	19 40	16 35	7 41	0 52
W30	6s31	13n46	5n 5	3s20	1n24	16s43	7s36	13n30	1n23	20s31	0n29	5n57	2s48	11s25	0n28	16n28	1s49	22s44	13s40	19n22	19n39	16s37	7s44	0s51

Julian Day Number = 2289630.5, Delta T = 165.58 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'14, Lahiri = 17°40'15 Julian Calendar 1 Sept. 1556 == Greg. Calendar 11 Sept. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

OCTOBER 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 17 44	17♎32'47	19♍16	13♎24	24°R19	28♌37	4♐ 9	21°R51	1♏ 5	21°R36	3°R59	26°R11	27♉28	18♏41	17♎48	T 1
F 2	1 21 41	18°32'24	1♎35	15° 7	23♎44	29°13	4°20	21♈46	1° 8	21♉34	3♓58	26♉ 4	27°25	18°47	17°57	F 2
S 3	1 25 37	19°32'03	13°44	16°49	23° 9	29°49	4°32	21°41	1°12	21°33	3°57	25°58	27°22	18°54	18° 6	S 3
S 4	1 29 34	20°31'45	25°44	18°31	22°33	0♍25	4°43	21°36	1°16	21°31	3°56	25°52	27°19	19° 1	18°14	S 4
M 5	1 33 31	21°31'29	7♏37	20°13	21°56	1° 1	4°55	21°32	1°19	21°30	3°56	25°49	27°16	19° 7	18°23	M 5
T 6	1 37 27	22°31'14	19°26	21°53	21°19	1°37	5° 6	21°27	1°23	21°29	3°55	25°47	27°13	19°14	18°32	T 6
W 7	1 41 24	23°31'02	1♐12	23°34	20°43	2°13	5°18	21°22	1°27	21°27	3°54	25°D47	27° 9	19°21	18°41	W 7
T 8	1 45 20	24°30'51	12°58	25°13	20° 7	2°49	5°30	21°17	1°31	21°26	3°53	25°48	27° 6	19°27	18°49	T 8
F 9	1 49 17	25°30'42	24°50	26°52	19°32	3°24	5°42	21°12	1°34	21°24	3°53	25°50	27° 3	19°34	18°58	F 9
S 10	1 53 13	26°30'35	6♑50	28°31	18°57	4° 0	5°53	21° 8	1°38	21°23	3°52	25°52	27° 0	19°41	19° 7	S 10
S 11	1 57 10	27°30'30	19° 4	0♏ 9	18°23	4°36	6° 5	21° 3	1°42	21°21	3°51	25°53	26°57	19°47	19°15	S 11
M12	2 1 6	28°30'26	1♒37	1°46	17°51	5°11	6°17	20°58	1°46	21°20	3°51	25°R53	26°54	19°54	19°24	M12
T 13	2 5 3	29°30'24	14°32	3°23	17°20	5°47	6°29	20°53	1°49	21°18	3°50	25°52	26°50	20° 1	19°33	T 13
W14	2 9 0	0♏30'24	27°54	5° 0	16°51	6°22	6°42	20°49	1°53	21°17	3°49	25°50	26°47	20° 7	19°41	W14
T 15	2 12 56	1°30'25	11♓44	6°36	16°24	6°58	6°54	20°44	1°57	21°15	3°49	25°47	26°44	20°14	19°50	T 15
F 16	2 16 53	2°30'28	26° 2	8°11	15°58	7°33	7° 6	20°39	2° 1	21°13	3°48	25°44	26°41	20°20	19°59	F 16
S 17	2 20 49	3°30'32	10♈45	9°46	15°35	8° 8	7°18	20°35	2° 4	21°12	3°48	25°41	26°38	20°27	20° 7	S 17
S 18	2 24 46	4°30'38	25°46	11°21	15°14	8°43	7°31	20°30	2° 8	21°10	3°47	25°38	26°34	20°34	20°16	S 18
M19	2 28 42	5°30'46	10♉57	12°55	14°55	9°19	7°43	20°25	2°12	21° 9	3°47	25°37	26°31	20°40	20°24	M19
T 20	2 32 39	6°30'56	26° 9	14°29	14°39	9°54	7°56	20°21	2°16	21° 7	3°46	25°D36	26°28	20°47	20°33	T 20
W21	2 36 35	7°31'08	11♊11	16° 2	14°25	10°29	8° 8	20°16	2°19	21° 5	3°46	25°37	26°25	20°54	20°41	W21
T 22	2 40 32	8°31'22	25°56	17°35	14°14	11° 4	8°21	20°12	2°23	21° 4	3°45	25°38	26°22	21° 0	20°50	T 22
F 23	2 44 29	9°31'38	10♋18	19° 8	14° 5	11°39	8°34	20° 8	2°27	21° 2	3°45	25°39	26°19	21° 7	20°58	F 23
S 24	2 48 25	10°31'56	24°17	20°40	13°58	12°13	8°46	20° 3	2°31	21° 0	3°45	25°40	26°15	21°14	21° 7	S 24
S 25	2 52 22	11°32'16	7♌50	22°12	13°54	12°48	8°59	19°59	2°34	20°59	3°44	25°R41	26°12	21°20	21°15	S 25
M26	2 56 18	12°32'38	21° 0	23°44	13°D53	13°23	9°12	19°55	2°38	20°57	3°44	25°41	26° 9	21°27	21°24	M26
T 27	3 0 15	13°33'02	3♍49	25°15	13°54	13°58	9°25	19°50	2°42	20°55	3°44	25°40	26° 6	21°34	21°32	T 27
W28	3 4 11	14°33'28	16°20	26°46	13°57	14°32	9°38	19°46	2°46	20°54	3°43	25°39	26° 3	21°40	21°40	W28
T 29	3 8 8	15°33'56	28°38	28°17	14° 3	15° 7	9°51	19°42	2°49	20°52	3°43	25°37	26° 0	21°47	21°49	T 29
F 30	3 12 4	16°34'25	10♎44	29°47	14°11	15°41	10° 4	19°38	2°53	20°50	3°43	25°36	25°56	21°53	21°57	F 30
S 31	3 16 1	17♏34'57	22♎42	1♐17	14♎21	16♍15	10♐17	19♈34	2♏57	20♉49	3♓43	25♉34	25♉53	22♏ 0	22♎ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s54	8n38	4n45	4s 6	1n18	16s26	7s31	13n17	1n24	20s33	0n29	5n56	2s49	11s26	0n28	16n27	1s49	22s45	13s40	19n21	19n39	16s40	7s47	0s51
F 2	7 17	3 14	4 13	4 51	1 13	16 7	7 25	13 5	1 24	20 36	0 29	5 54	2 49	11 28	0 28	16 27	1 49	22 45	13 40	19 19	19 38	16 43	7 50	0 51
S 3	7 40	2s13	3 29	5 36	1 7	15 47	7 18	12 53	1 24	20 38	0 29	5 52	2 49	11 29	0 28	16 27	1 49	22 45	13 39	19 18	19 37	16 45	7 53	0 50
S 4	8 2	7 32	2 37	6 20	1 1	15 26	7 10	12 41	1 25	20 40	0 28	5 50	2 49	11 30	0 28	16 26	1 49	22 45	13 39	19 16	19 37	16 48	7 56	0 50
M 5	8 25	12 33	1 38	7 4	0 55	15 5	7 2	12 28	1 25	20 42	0 28	5 48	2 49	11 31	0 28	16 26	1 49	22 45	13 39	19 16	19 36	16 51	8 0	0 50
T 6	8 47	17 4	0 35	7 48	0 49	14 42	6 53	12 16	1 26	20 45	0 28	5 47	2 49	11 33	0 28	16 26	1 49	22 45	13 39	19 15	19 35	16 53	8 3	0 50
W 7	9 9	20 56	0s30	8 31	0 42	14 19	6 42	12 3	1 26	20 47	0 28	5 45	2 49	11 34	0 28	16 25	1 49	22 45	13 38	19 15	19 34	16 56	8 6	0 49
T 8	9 31	23 57	1 33	9 14	0 36	13 55	6 31	11 51	1 27	20 49	0 28	5 43	2 48	11 35	0 28	16 25	1 49	22 45	13 38	19 15	19 34	16 59	8 9	0 49
F 9	9 53	25 56	2 33	9 56	0 29	13 31	6 20	11 38	1 27	20 51	0 28	5 41	2 48	11 37	0 28	16 24	1 49	22 45	13 38	19 16	19 33	17 1	8 12	0 49
S 10	10 15	26 46	3 27	10 37	0 23	13 6	6 8	11 26	1 28	20 53	0 28	5 40	2 48	11 38	0 28	16 24	1 49	22 45	13 38	19 16	19 32	17 4	8 15	0 48
S 11	10 37	26 18	4 12	11 18	0 16	12 41	5 55	11 13	1 28	20 56	0 27	5 38	2 48	11 39	0 28	16 24	1 49	22 45	13 38	19 17	19 31	17 6	8 18	0 48
M12	10 58	24 31	4 47	11 58	0 9	12 17	5 42	11 0	1 29	20 58	0 27	5 36	2 48	11 41	0 28	16 23	1 49	22 45	13 37	19 17	19 31	17 9	8 21	0 48
T 13	11 20	21 26	5 9	12 38	0 3	11 52	5 28	10 48	1 29	21 0	0 27	5 34	2 48	11 42	0 28	16 23	1 49	22 45	13 37	19 16	19 30	17 12	8 24	0 48
W14	11 41	17 9	5 15	13 17	0s 4	11 28	5 14	10 35	1 30	21 2	0 27	5 33	2 48	11 43	0 28	16 22	1 49	22 45	13 37	19 16	19 29	17 14	8 27	0 47
T 15	12 2	11 50	5 3	13 55	0 11	11 4	5 0	10 22	1 30	21 4	0 27	5 31	2 48	11 45	0 28	16 22	1 49	22 45	13 37	19 15	19 28	17 17	8 30	0 47
F 16	12 22	5 44	4 32	14 33	0 18	10 41	4 45	10 10	1 31	21 7	0 27	5 29	2 48	11 46	0 28	16 21	1 49	22 45	13 36	19 14	19 28	17 20	8 33	0 47
S 17	12 43	0n51	3 43	15 10	0 24	10 18	4 30	9 57	1 31	21 9	0 27	5 28	2 48	11 47	0 28	16 21	1 49	22 45	13 36	19 14	19 27	17 22	8 36	0 46
S 18	13 3	7 32	2 37	15 46	0 31	9 56	4 15	9 44	1 32	21 11	0 27	5 26	2 48	11 48	0 28	16 21	1 49	22 45	13 36	19 13	19 26	17 25	8 39	0 46
M19	13 24	13 53	1 20	16 21	0 37	9 35	4 0	9 31	1 32	21 13	0 26	5 24	2 48	11 50	0 28	16 20	1 49	22 45	13 36	19 13	19 25	17 27	8 42	0 46
T 20	13 43	19 23	0n 3	16 55	0 44	9 15	3 45	9 18	1 32	21 15	0 26	5 23	2 48	11 51	0 28	16 20	1 49	22 45	13 35	19 13	19 25	17 30	8 45	0 46
W21	14 3	23 35	1 25	17 29	0 50	8 56	3 30	9 5	1 33	21 17	0 26	5 21	2 48	11 52	0 28	16 19	1 49	22 45	13 35	19 13	19 24	17 33	8 48	0 45
T 22	14 23	26 6	2 40	18 2	0 57	8 37	3 15	8 52	1 33	21 19	0 26	5 20	2 47	11 54	0 28	16 19	1 49	22 45	13 35	19 13	19 23	17 35	8 51	0 45
F 23	14 42	26 48	3 43	18 33	1 3	8 20	3 0	8 40	1 34	21 22	0 26	5 18	2 47	11 55	0 28	16 18	1 49	22 45	13 35	19 13	19 23	17 38	8 54	0 45
S 24	15 1	25 45	4 31	19 4	1 9	8 4	2 46	8 27	1 34	21 24	0 26	5 17	2 47	11 56	0 28	16 18	1 49	22 45	13 34	19 13	19 22	17 40	8 57	0 44
S 25	15 20	23 13	5 2	19 34	1 15	7 49	2 31	8 14	1 35	21 26	0 26	5 15	2 47	11 57	0 28	16 17	1 49	22 45	13 34	19 14	19 21	17 43	9 0	0 44
M26	15 38	19 31	5 16	20 3	1 21	7 36	2 17	8 1	1 35	21 28	0 26	5 14	2 47	11 59	0 28	16 17	1 49	22 45	13 34	19 14	19 20	17 46	9 2	0 44
T 27	15 57	15 0	5 14	20 31	1 26	7 23	2 3	7 48	1 36	21 30	0 25	5 12	2 47	12 0	0 28	16 17	1 49	22 44	13 33	19 13	19 20	17 48	9 5	0 44
W28	16 15	9 57	4 57	20 58	1 32	7 12	1 49	7 35	1 36	21 32	0 25	5 11	2 47	12 1	0 28	16 16	1 49	22 44	13 33	19 13	19 19	17 51	9 8	0 43
T 29	16 32	4 37	4 26	21 25	1 37	7 1	1 36	7 22	1 37	21 34	0 25	5 9	2 47	12 3	0 28	16 16	1 49	22 44	13 33	19 13	19 18	17 53	9 11	0 43
F 30	16 50	0s49	3 44	21 50	1 43	6 52	1 23	7 9	1 37	21 36	0 25	5 8	2 46	12 4	0 28	16 15	1 49	22 44	13 33	19 12	19 17	17 56	9 14	0 43
S 31	17s 7	6s11	2n53	22s13	1s48	6s45	1s10	6n56	1n38	21s38	0n25	5n 7	2s46	12s 5	0n28	16n15	1s49	22s44	13s32	19n12	19n17	17s59	9s17	0s43

Julian Day Number = 2289660.5, Delta T = 165.41 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'18, Lahiri = 17°40'19 Julian Calendar 1 Oct. 1556 == Greg. Calendar 11 Oct. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

NOVEMBER 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 57	18♏35'30	4♏33	2♐47	14♎34	16♍50	10♐30	19°R30	3♏ 0	20°R47	3°R43	25°R34	25♉50	22♏ 7	22♎13	S 1
M 2	3 23 54	19°36'04	16°22	4°16	14°48	17°24	10°43	19♈27	3° 4	20♉45	3♓42	25♉33	25°47	22°13	22°21	M 2
T 3	3 27 51	20°36'41	28° 9	5°45	15° 5	17°58	10°56	19°23	3° 8	20°44	3°42	25°D33	25°44	22°20	22°30	T 3
W 4	3 31 47	21°37'19	9♐57	7°14	15°24	18°32	11° 9	19°19	3°11	20°42	3°42	25°33	25°40	22°27	22°38	W 4
T 5	3 35 44	22°37'58	21°48	8°42	15°44	19° 6	11°23	19°15	3°15	20°40	3°42	25°34	25°37	22°33	22°46	T 5
F 6	3 39 40	23°38'38	3♑44	10° 9	16° 7	19°40	11°36	19°12	3°18	20°39	3°42	25°34	25°34	22°40	22°54	F 6
S 7	3 43 37	24°39'20	15°49	11°36	16°31	20°14	11°49	19° 8	3°22	20°37	3°D42	25°34	25°31	22°47	23° 2	S 7
S 8	3 47 33	25°40'03	28° 6	13° 3	16°57	20°48	12° 3	19° 5	3°26	20°35	3°42	25°R34	25°28	22°53	23°10	S 8
M 9	3 51 30	26°40'47	10♒38	14°28	17°25	21°21	12°16	19° 2	3°29	20°33	3°42	25°34	25°25	23° 0	23°17	M 9
T 10	3 55 27	27°41'33	23°29	15°53	17°55	21°55	12°29	18°59	3°33	20°32	3°42	25°D34	25°21	23° 7	23°25	T 10
W11	3 59 23	28°42'19	6♓42	17°17	18°26	22°28	12°43	18°55	3°36	20°30	3°42	25°34	25°18	23°13	23°33	W11
T 12	4 3 20	29°43'06	20°20	18°40	18°58	23° 2	12°56	18°52	3°40	20°28	3°42	25°34	25°15	23°20	23°41	T 12
F 13	4 7 16	0♐43'54	4♈25	20° 2	19°32	23°35	13°10	18°49	3°43	20°27	3°42	25°35	25°12	23°27	23°48	F 13
S 14	4 11 13	1°44'43	18°54	21°22	20° 8	24° 8	13°23	18°47	3°46	20°25	3°43	25°35	25° 9	23°33	23°56	S 14
S 15	4 15 9	2°45'33	3♉45	22°41	20°44	24°41	13°37	18°44	3°50	20°23	3°43	25°36	25° 6	23°40	24° 4	S 15
M16	4 19 6	3°46'24	18°51	23°58	21°23	25°14	13°50	18°41	3°53	20°22	3°43	25°R36	25° 2	23°46	24°11	M16
T 17	4 23 2	4°47'16	4♊ 4	25°13	22° 2	25°47	14° 4	18°39	3°57	20°20	3°43	25°36	24°59	23°53	24°19	T 17
W18	4 26 59	5°48'09	19°15	26°26	22°43	26°20	14°17	18°36	4° 0	20°19	3°43	25°35	24°56	24° 0	24°26	W18
T 19	4 30 56	6°49'04	4♋13	27°36	23°24	26°53	14°31	18°34	4° 3	20°17	3°44	25°34	24°53	24° 6	24°33	T 19
F 20	4 34 52	7°50'00	18°52	28°43	24° 7	27°25	14°44	18°31	4° 7	20°15	3°44	25°33	24°50	24°13	24°41	F 20
S 21	4 38 49	8°50'56	3♌ 4	29°46	24°52	27°58	14°58	18°29	4°10	20°14	3°44	25°31	24°46	24°20	24°48	S 21
S 22	4 42 45	9°51'54	16°49	0♑45	25°37	28°30	15°12	18°27	4°13	20°12	3°45	25°30	24°43	24°26	24°55	S 22
M23	4 46 42	10°52'54	0♍ 6	1°39	26°23	29° 2	15°25	18°25	4°16	20°11	3°45	25°29	24°40	24°33	25° 2	M23
T 24	4 50 38	11°53'54	12°58	2°27	27°10	29°35	15°39	18°23	4°20	20° 9	3°46	25°D28	24°37	24°40	25° 9	T 24
W25	4 54 35	12°54'55	25°28	3°10	27°58	0♎ 7	15°53	18°21	4°23	20° 7	3°46	25°29	24°34	24°46	25°16	W25
T 26	4 58 31	13°55'58	7♎40	3°45	28°47	0°39	16° 6	18°20	4°26	20° 6	3°46	25°30	24°31	24°53	25°23	T 26
F 27	5 2 28	14°57'01	19°40	4°13	29°36	1°11	16°20	18°18	4°29	20° 4	3°47	25°32	24°27	25° 0	25°30	F 27
S 28	5 6 25	15°58'06	1♏32	4°32	0♏27	1°42	16°34	18°17	4°32	20° 3	3°47	25°33	24°24	25° 6	25°36	S 28
S 29	5 10 21	16°59'11	13°19	4°R41	1°18	2°14	16°47	18°15	4°35	20° 1	3°48	25°35	24°21	25°13	25°43	S 29
M30	5 14 18	18♐ 0'18	25♏ 5	4♑40	2♏11	2♎46	17♐ 1	18♈14	4♏38	20♉ 0	3♓49	25°R35	24♉18	25♏19	25♎50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s24	11s17	1n54	22s36	1s52	6s38	0s57	6n43	1n38	21s40	0n25	5n 5	2s46	12s 6	0n28	16n14	1s49	22s44	13s32	19n12	19n16	18s 1	9s20	0s42
M 2	17 41	15 58	0 51	22 58	1 57	6 32	0 45	6 30	1 39	21 42	0 25	5 4	2 46	12 8	0 28	16 14	1 49	22 43	13 32	19 12	19 15	18 4	9 22	0 42
T 3	17 57	20 2	0s14	23 18	2 1	6 28	0 33	6 17	1 39	21 44	0 25	5 3	2 46	12 9	0 28	16 13	1 49	22 43	13 31	19 12	19 14	18 6	9 25	0 42
W 4	18 13	23 18	1 19	23 38	2 5	6 25	0 22	6 4	1 40	21 46	0 25	5 2	2 46	12 10	0 28	16 13	1 49	22 43	13 31	19 12	19 14	18 9	9 28	0 41
T 5	18 28	25 35	2 21	23 56	2 9	6 22	0 11	5 51	1 40	21 48	0 24	5 0	2 45	12 11	0 28	16 13	1 49	22 43	13 31	19 12	19 13	18 11	9 31	0 41
F 6	18 44	26 44	3 17	24 13	2 12	6 21	0n 0	5 38	1 40	21 50	0 24	4 59	2 45	12 13	0 28	16 12	1 49	22 42	13 31	19 12	19 12	18 14	9 33	0 41
S 7	18 59	26 37	4 5	24 28	2 16	6 21	0 11	5 26	1 41	21 52	0 24	4 58	2 45	12 14	0 28	16 12	1 49	22 42	13 30	19 12	19 11	18 16	9 36	0 41
S 8	19 13	25 12	4 42	24 42	2 18	6 21	0 21	5 13	1 41	21 54	0 24	4 57	2 45	12 15	0 28	16 11	1 49	22 42	13 30	19 12	19 10	18 19	9 39	0 40
M 9	19 28	22 32	5 7	24 55	2 21	6 23	0 31	5 0	1 42	21 55	0 24	4 56	2 45	12 16	0 28	16 11	1 49	22 42	13 30	19 12	19 10	18 21	9 42	0 40
T 10	19 42	18 43	5 18	25 7	2 23	6 25	0 40	4 47	1 42	21 57	0 24	4 55	2 44	12 17	0 28	16 10	1 49	22 41	13 29	19 12	19 9	18 24	9 44	0 40
W11	19 55	13 54	5 12	25 17	2 24	6 29	0 49	4 34	1 43	21 59	0 24	4 54	2 44	12 19	0 28	16 10	1 49	22 41	13 29	19 12	19 8	18 27	9 47	0 40
T 12	20 8	8 16	4 49	25 26	2 25	6 33	0 58	4 21	1 43	22 1	0 24	4 53	2 44	12 20	0 28	16 10	1 49	22 41	13 29	19 12	19 7	18 29	9 49	0 39
F 13	20 21	2 2	4 8	25 33	2 26	6 38	1 7	4 9	1 44	22 3	0 24	4 52	2 44	12 21	0 28	16 9	1 49	22 40	13 29	19 12	19 7	18 32	9 52	0 39
S 14	20 34	4n29	3 10	25 39	2 26	6 44	1 15	3 56	1 44	22 4	0 23	4 51	2 43	12 22	0 28	16 9	1 49	22 40	13 28	19 12	19 6	18 34	9 55	0 39
S 15	20 46	10 56	1 59	25 43	2 26	6 50	1 23	3 43	1 45	22 6	0 23	4 50	2 43	12 23	0 28	16 8	1 49	22 40	13 28	19 12	19 5	18 37	9 57	0 39
M16	20 57	16 52	0 37	25 46	2 24	6 58	1 30	3 30	1 45	22 8	0 23	4 50	2 43	12 24	0 28	16 8	1 49	22 39	13 28	19 12	19 4	18 39	10 0	0 38
T 17	21 9	21 47	0n47	25 47	2 23	7 6	1 38	3 18	1 46	22 10	0 23	4 49	2 43	12 25	0 28	16 7	1 49	22 39	13 27	19 12	19 4	18 42	10 2	0 38
W18	21 20	25 11	2 8	25 47	2 20	7 14	1 44	3 5	1 46	22 11	0 23	4 48	2 43	12 27	0 28	16 7	1 49	22 39	13 27	19 12	19 3	18 44	10 5	0 38
T 19	21 30	26 44	3 18	25 45	2 17	7 24	1 51	2 53	1 47	22 13	0 23	4 47	2 42	12 28	0 28	16 7	1 49	22 38	13 27	19 12	19 2	18 47	10 7	0 38
F 20	21 40	26 22	4 15	25 42	2 13	7 34	1 57	2 40	1 47	22 15	0 23	4 47	2 42	12 29	0 28	16 6	1 49	22 38	13 26	19 12	19 1	18 49	10 10	0 37
S 21	21 50	24 16	4 53	25 38	2 8	7 44	2 3	2 27	1 48	22 16	0 23	4 46	2 42	12 30	0 28	16 6	1 49	22 37	13 26	19 11	19 1	18 52	10 12	0 37
S 22	21 59	20 48	5 13	25 31	2 2	7 55	2 9	2 15	1 48	22 18	0 23	4 46	2 42	12 31	0 28	16 5	1 49	22 37	13 26	19 11	19 0	18 54	10 14	0 37
M23	22 8	16 23	5 16	25 24	1 55	8 7	2 15	2 3	1 49	22 19	0 23	4 45	2 41	12 32	0 28	16 5	1 49	22 37	13 26	19 11	18 59	18 57	10 17	0 36
T 24	22 16	11 21	5 2	25 15	1 46	8 19	2 20	1 50	1 49	22 21	0 23	4 45	2 41	12 33	0 28	16 5	1 49	22 36	13 25	19 11	18 58	18 59	10 19	0 36
W25	22 24	6 0	4 35	25 5	1 37	8 31	2 25	1 38	1 50	22 23	0 22	4 44	2 41	12 34	0 28	16 4	1 49	22 36	13 25	19 11	18 57	19 2	10 21	0 36
T 26	22 32	0 33	3 55	24 53	1 26	8 44	2 29	1 26	1 50	22 24	0 22	4 44	2 40	12 35	0 28	16 4	1 49	22 35	13 25	19 11	18 57	19 4	10 24	0 36
F 27	22 39	4s51	3 6	24 40	1 15	8 58	2 34	1 13	1 51	22 26	0 22	4 43	2 40	12 36	0 28	16 4	1 49	22 35	13 24	19 11	18 56	19 7	10 26	0 35
S 28	22 45	10 1	2 9	24 27	1 1	9 11	2 38	1 1	1 51	22 27	0 22	4 43	2 40	12 37	0 28	16 3	1 49	22 34	13 24	19 12	18 55	19 9	10 28	0 35
S 29	22 52	14 48	1 7	24 12	0 47	9 25	2 42	0 49	1 52	22 28	0 22	4 43	2 40	12 38	0 28	16 3	1 49	22 34	13 24	19 12	18 54	19 11	10 30	0 35
M30	22s57	19s 2	0n 3	23s56	0s31	9s40	2n46	0n37	1n52	22s30	0n22	4n43	2s39	12s39	0n28	16n 2	1s49	22s34	13s24	19n12	18n54	19s14	10s33	0s35

Julian Day Number = 2289691.5, Delta T = 165.23 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'23, Lahiri = 17°40'23 Julian Calendar 1 Nov. 1556 == Greg. Calendar 11 Nov. 1556

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ASTRODIENST EPHEMERIS for the year 1556
geocentric

DECEMBER 1556 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 18 14	19♐ 1'25	6♐54	4°R27	3♏ 3	3♎17	17♐15	18°R13	4♏41	19°R59	3♓49	25°R35	24♉15	25♏26	25♎56	T 1
W 2	5 22 11	20° 2'33	18°47	4♑ 3	3°57	3°48	17°28	18♈12	4°44	19♉57	3°50	25♉33	24°12	25°33	26° 3	W 2
T 3	5 26 7	21° 3'41	0♑46	3°28	4°51	4°19	17°42	18°11	4°47	19°56	3°50	25°30	24° 8	25°39	26° 9	T 3
F 4	5 30 4	22° 4'50	12°54	2°41	5°46	4°50	17°56	18°10	4°50	19°54	3°51	25°25	24° 5	25°46	26°16	F 4
S 5	5 34 0	23° 5'59	25°11	1°43	6°42	5°21	18° 9	18° 9	4°53	19°53	3°52	25°20	24° 2	25°53	26°22	S 5
S 6	5 37 57	24° 7'09	7♒39	0°36	7°38	5°52	18°23	18° 9	4°55	19°52	3°52	25°15	23°59	25°59	26°28	S 6
M 7	5 41 54	25° 8'19	20°20	29♐22	8°34	6°23	18°37	18° 8	4°58	19°50	3°53	25°11	23°56	26° 6	26°34	M 7
T 8	5 45 50	26° 9'29	3♓15	28° 2	9°32	6°53	18°50	18° 8	5° 1	19°49	3°54	25° 7	23°52	26°13	26°40	T 8
W 9	5 49 47	27°10'39	16°27	26°40	10°29	7°23	19° 4	18° 8	5° 3	19°48	3°55	25° 5	23°49	26°19	26°46	W 9
T 10	5 53 43	28°11'49	29°57	25°18	11°28	7°53	19°18	18° 8	5° 6	19°46	3°55	25°D 5	23°46	26°26	26°52	T 10
F 11	5 57 40	29°12'59	13♈46	23°59	12°26	8°23	19°31	18°D 8	5° 9	19°45	3°56	25° 6	23°43	26°33	26°57	F 11
S 12	6 1 36	0♑14'08	27°57	22°45	13°26	8°53	19°45	18° 8	5°11	19°44	3°57	25° 7	23°40	26°39	27° 3	S 12
S 13	6 5 33	1°15'18	12♉26	21°39	14°25	9°23	19°58	18° 8	5°14	19°43	3°58	25° 8	23°37	26°46	27° 9	S 13
M14	6 9 29	2°16'28	27°12	20°41	15°25	9°53	20°12	18° 8	5°16	19°42	3°59	25°R 9	23°33	26°53	27°14	M14
T 15	6 13 26	3°17'38	12♊ 8	19°53	16°26	10°22	20°26	18° 8	5°19	19°41	4° 0	25° 8	23°30	26°59	27°20	T 15
W16	6 17 23	4°18'48	27° 8	19°16	17°27	10°51	20°39	18° 9	5°21	19°39	4° 1	25° 5	23°27	27° 6	27°25	W16
T 17	6 21 19	5°19'57	12♋ 3	18°49	18°28	11°20	20°53	18°10	5°23	19°38	4° 2	25° 0	23°24	27°12	27°30	T 17
F 18	6 25 16	6°21'07	26°43	18°32	19°30	11°49	21° 6	18°10	5°26	19°37	4° 3	24°53	23°21	27°19	27°35	F 18
S 19	6 29 12	7°22'17	11♌ 3	18°D25	20°32	12°18	21°20	18°11	5°28	19°36	4° 4	24°46	23°18	27°26	27°40	S 19
S 20	6 33 9	8°23'27	24°56	18°27	21°35	12°46	21°33	18°12	5°30	19°35	4° 5	24°39	23°14	27°32	27°45	S 20
M21	6 37 5	9°24'37	8♍22	18°37	22°38	13°15	21°46	18°13	5°32	19°34	4° 6	24°34	23°11	27°39	27°50	M21
T 22	6 41 2	10°25'47	21°20	18°56	23°41	13°43	22° 0	18°14	5°34	19°33	4° 7	24°30	23° 8	27°46	27°55	T 22
W23	6 44 59	11°26'57	3♎54	19°21	24°45	14°11	22°13	18°16	5°36	19°32	4° 8	24°28	23° 5	27°52	27°59	W23
T 24	6 48 55	12°28'07	16° 8	19°53	25°49	14°39	22°26	18°17	5°38	19°31	4° 9	24°D27	23° 2	27°59	28° 4	T 24
F 25	6 52 52	13°29'17	28° 8	20°31	26°53	15° 6	22°40	18°19	5°40	19°31	4°10	24°28	22°58	28° 6	28° 8	F 25
S 26	6 56 48	14°30'27	9♏58	21°14	27°57	15°34	22°53	18°20	5°42	19°30	4°11	24°30	22°55	28°12	28°13	S 26
S 27	7 0 45	15°31'37	21°44	22° 2	29° 2	16° 1	23° 6	18°22	5°44	19°29	4°12	24°R31	22°52	28°19	28°17	S 27
M28	7 4 41	16°32'47	3♐31	22°54	0♐ 7	16°28	23°19	18°24	5°46	19°28	4°13	24°30	22°49	28°26	28°21	M28
T 29	7 8 38	17°33'56	15°23	23°49	1°13	16°55	23°32	18°26	5°48	19°27	4°15	24°28	22°46	28°32	28°25	T 29
W30	7 12 34	18°35'05	27°22	24°48	2°18	17°21	23°46	18°28	5°50	19°27	4°16	24°23	22°43	28°39	28°29	W30
T 31	7 16 31	19♑36'14	9♑32	25♐50	3♐24	17♎48	23♐59	18♈30	5♏51	19♉26	4♓17	24♉15	22♉39	28♏46	28♎33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	22s32	1s 2	23s39	0s14	9s55	2n49	0n25	1n53	22s31	0n22	4n42	2s39	12s40	0n28	16n 2	1s49	22s33	13s23	19n12	18n53	19s16	10s35	0s34
W 2	23 7	25 5	2 4	23 22	0n 4	10 10	2 52	0 13	1 53	22 33	0 22	4 42	2 39	12 41	0 28	16 2	1 49	22 33	13 23	19 12	18 52	19 19	10 37	0 34
T 3	23 12	26 31	3 2	23 4	0 23	10 25	2 55	0 1	1 54	22 34	0 22	4 42	2 39	12 42	0 28	16 1	1 49	22 32	13 23	19 11	18 51	19 21	10 39	0 34
F 4	23 16	26 43	3 51	22 45	0 43	10 40	2 58	0s11	1 54	22 35	0 22	4 42	2 38	12 43	0 28	16 1	1 48	22 32	13 23	19 10	18 50	19 24	10 41	0 34
S 5	23 19	25 35	4 31	22 26	1 3	10 56	3 1	0 23	1 55	22 37	0 22	4 42	2 38	12 44	0 28	16 1	1 48	22 31	13 22	19 9	18 50	19 26	10 43	0 33
S 6	23 22	23 12	4 58	22 7	1 23	11 12	3 3	0 35	1 55	22 38	0 21	4 42	2 38	12 45	0 28	16 0	1 48	22 31	13 22	19 7	18 49	19 29	10 45	0 33
M 7	23 25	19 40	5 12	21 47	1 42	11 28	3 5	0 46	1 56	22 39	0 21	4 42	2 37	12 46	0 28	16 0	1 48	22 30	13 22	19 6	18 48	19 31	10 47	0 33
T 8	23 27	15 9	5 10	21 28	2 1	11 44	3 7	0 58	1 56	22 40	0 21	4 42	2 37	12 47	0 28	16 0	1 48	22 30	13 21	19 6	18 47	19 33	10 49	0 33
W 9	23 28	9 50	4 52	21 10	2 17	12 1	3 9	1 9	1 57	22 42	0 21	4 43	2 37	12 48	0 28	15 59	1 48	22 29	13 21	19 5	18 46	19 36	10 51	0 32
T 10	23 29	3 57	4 17	20 53	2 32	12 17	3 11	1 21	1 57	22 43	0 21	4 43	2 37	12 49	0 28	15 59	1 48	22 28	13 21	19 5	18 46	19 38	10 53	0 32
F 11	23 30	2n16	3 27	20 38	2 44	12 34	3 12	1 32	1 58	22 44	0 21	4 43	2 36	12 50	0 28	15 59	1 48	22 28	13 21	19 5	18 45	19 41	10 54	0 32
S 12	23 30	8 32	2 23	20 24	2 54	12 50	3 13	1 43	1 58	22 45	0 21	4 43	2 36	12 50	0 28	15 59	1 48	22 27	13 20	19 5	18 44	19 43	10 56	0 31
S 13	23 30	14 31	1 9	20 13	3 2	13 7	3 14	1 55	1 59	22 46	0 21	4 44	2 36	12 51	0 28	15 58	1 48	22 27	13 20	19 6	18 43	19 45	10 58	0 31
M14	23 29	19 46	0n11	20 4	3 7	13 23	3 15	2 6	1 59	22 47	0 21	4 44	2 35	12 52	0 28	15 58	1 48	22 26	13 20	19 6	18 42	19 48	11 0	0 31
T 15	23 27	23 49	1 31	19 58	3 9	13 40	3 16	2 17	2 0	22 48	0 21	4 44	2 35	12 53	0 28	15 58	1 48	22 26	13 20	19 6	18 42	19 50	11 1	0 31
W16	23 26	26 13	2 45	19 54	3 10	13 57	3 16	2 28	2 0	22 49	0 21	4 45	2 35	12 54	0 28	15 58	1 48	22 25	13 19	19 5	18 41	19 53	11 3	0 30
T 17	23 23	26 43	3 47	19 53	3 9	14 13	3 16	2 39	2 1	22 51	0 21	4 45	2 35	12 54	0 28	15 57	1 48	22 24	13 19	19 4	18 40	19 55	11 5	0 30
F 18	23 21	25 20	4 33	19 55	3 6	14 30	3 17	2 50	2 1	22 51	0 20	4 46	2 34	12 55	0 28	15 57	1 48	22 24	13 19	19 2	18 39	19 57	11 6	0 30
S 19	23 18	22 19	5 1	19 58	3 2	14 46	3 17	3 0	2 2	22 52	0 20	4 47	2 34	12 56	0 28	15 57	1 48	22 23	13 19	19 0	18 39	20 0	11 8	0 30
S 20	23 14	18 6	5 9	20 4	2 57	15 2	3 16	3 11	2 2	22 53	0 20	4 47	2 34	12 57	0 28	15 57	1 48	22 23	13 18	18 59	18 38	20 2	11 9	0 29
M21	23 10	13 6	5 1	20 11	2 50	15 19	3 16	3 22	2 3	22 54	0 20	4 48	2 33	12 57	0 28	15 56	1 48	22 22	13 18	18 57	18 37	20 5	11 11	0 29
T 22	23 5	7 41	4 36	20 19	2 43	15 35	3 16	3 32	2 3	22 55	0 20	4 49	2 33	12 58	0 28	15 56	1 48	22 22	13 18	18 56	18 36	20 7	11 12	0 29
W23	23 0	2 6	3 59	20 29	2 36	15 51	3 15	3 42	2 4	22 56	0 20	4 49	2 33	12 59	0 28	15 56	1 48	22 21	13 18	18 56	18 35	20 9	11 14	0 29
T 24	22 55	3s24	3 12	20 40	2 28	16 7	3 14	3 53	2 4	22 57	0 20	4 50	2 33	12 59	0 28	15 56	1 48	22 20	13 18	18 56	18 35	20 12	11 15	0 28
F 25	22 49	8 42	2 18	20 51	2 19	16 22	3 13	4 3	2 5	22 58	0 20	4 51	2 32	13 0	0 28	15 56	1 48	22 20	13 17	18 56	18 34	20 14	11 16	0 28
S 26	22 42	13 37	1 18	21 3	2 10	16 38	3 12	4 13	2 5	22 59	0 20	4 52	2 32	13 1	0 28	15 55	1 47	22 19	13 17	18 56	18 33	20 16	11 18	0 28
S 27	22 36	18 0	0 15	21 15	2 1	16 53	3 11	4 23	2 6	22 59	0 20	4 53	2 32	13 1	0 28	15 55	1 47	22 18	13 17	18 57	18 32	20 19	11 19	0 27
M28	22 28	21 42	0s48	21 27	1 52	17 8	3 10	4 33	2 6	23 0	0 20	4 54	2 31	13 2	0 28	15 55	1 47	22 18	13 17	18 57	18 31	20 21	11 20	0 27
T 29	22 20	24 31	1 50	21 39	1 42	17 22	3 9	4 43	2 7	23 1	0 20	4 55	2 31	13 2	0 29	15 55	1 47	22 17	13 17	18 56	18 30	20 23	11 21	0 27
W30	22 12	26 15	2 47	21 51	1 33	17 37	3 7	4 52	2 7	23 1	0 20	4 56	2 31	13 3	0 29	15 55	1 47	22 17	13 16	18 55	18 30	20 26	11 23	0 27
T 31	22s 4	26s46	3s37	22s 3	1n23	17s51	3n 5	5s 2	2n 8	23s 2	0n20	4n57	2s31	13s 3	0n29	15n55	1s47	22s16	13s16	18n53	18n29	20s28	11s24	0s26

Julian Day Number = 2289721.5, Delta T = 165.06 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'27, Lahiri = 17°40'27 Julian Calendar 1 Dec. 1556 == Greg. Calendar 11 Dec. 1556

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

JANUARY 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 20 28	20♑37'23	21♑55	26♐55	4♐30	18♎14	24♐12	18♈32	5♏53	19°R25	4♓18	24°R 5	22♉36	28♏52	28♎37	F 1
S 2	7 24 24	21°38'31	4♒29	28° 2	5°36	18°39	24°25	18°35	5°54	19♉25	4°19	23♉54	22°33	28°59	28°40	S 2
S 3	7 28 21	22°39'38	17°16	29°11	6°43	19° 5	24°37	18°37	5°56	19°24	4°21	23°43	22°30	29° 5	28°44	S 3
M 4	7 32 17	23°40'44	0♓16	0♑23	7°49	19°30	24°50	18°40	5°57	19°24	4°22	23°33	22°27	29°12	28°47	M 4
T 5	7 36 14	24°41'50	13°27	1°36	8°56	19°55	25° 3	18°42	5°59	19°23	4°23	23°24	22°24	29°19	28°50	T 5
W 6	7 40 10	25°42'54	26°49	2°51	10° 3	20°20	25°16	18°45	6° 0	19°23	4°25	23°18	22°20	29°25	28°54	W 6
T 7	7 44 7	26°43'57	10♈23	4° 7	11°11	20°45	25°29	18°48	6° 2	19°22	4°26	23°14	22°17	29°32	28°57	T 7
F 8	7 48 3	27°45'00	24° 9	5°25	12°18	21° 9	25°41	18°51	6° 3	19°22	4°27	23°D13	22°14	29°39	29° 0	F 8
S 9	7 52 0	28°46'01	8♉ 8	6°44	13°26	21°33	25°54	18°54	6° 4	19°21	4°29	23°13	22°11	29°45	29° 2	S 9
S 10	7 55 57	29°47'01	22°18	8° 5	14°34	21°57	26° 7	18°57	6° 5	19°21	4°30	23°R14	22° 8	29°52	29° 5	S 10
M11	7 59 53	0♒48'00	6♊40	9°26	15°42	22°21	26°19	19° 1	6° 6	19°21	4°31	23°13	22° 4	29°59	29° 8	M11
T 12	8 3 50	1°48'58	21°11	10°49	16°50	22°44	26°31	19° 4	6° 7	19°21	4°33	23°10	22° 1	0♐ 5	29°10	T 12
W13	8 7 46	2°49'55	5♋46	12°12	17°58	23° 7	26°44	19° 8	6° 8	19°20	4°34	23° 4	21°58	0°12	29°13	W13
T 14	8 11 43	3°50'50	20°19	13°37	19° 6	23°29	26°56	19°11	6° 9	19°20	4°36	22°56	21°55	0°19	29°15	T 14
F 15	8 15 39	4°51'44	4♌44	15° 2	20°15	23°52	27° 8	19°15	6°10	19°20	4°37	22°45	21°52	0°25	29°17	F 15
S 16	8 19 36	5°52'38	18°54	16°29	21°24	24°13	27°21	19°19	6°11	19°20	4°39	22°33	21°49	0°32	29°19	S 16
S 17	8 23 33	6°53'30	2♍43	17°56	22°33	24°35	27°33	19°23	6°12	19°20	4°40	22°22	21°45	0°39	29°21	S 17
M18	8 27 29	7°54'21	16° 9	19°25	23°42	24°56	27°45	19°27	6°12	19°20	4°41	22°11	21°42	0°45	29°23	M18
T 19	8 31 26	8°55'11	29° 9	20°54	24°51	25°17	27°57	19°31	6°13	19°20	4°43	22° 3	21°39	0°52	29°25	T 19
W20	8 35 22	9°56'00	11♎47	22°23	26° 0	25°38	28° 9	19°35	6°14	19°D20	4°44	21°57	21°36	0°58	29°26	W20
T 21	8 39 19	10°56'48	24° 4	23°54	27°10	25°58	28°20	19°39	6°14	19°20	4°46	21°54	21°33	1° 5	29°28	T 21
F 22	8 43 15	11°57'35	6♏ 6	25°26	28°19	26°18	28°32	19°43	6°15	19°20	4°47	21°53	21°30	1°12	29°29	F 22
S 23	8 47 12	12°58'22	17°58	26°58	29°29	26°38	28°44	19°48	6°15	19°20	4°49	21°53	21°26	1°18	29°30	S 23
S 24	8 51 8	13°59'07	29°45	28°31	0♑39	26°57	28°56	19°52	6°16	19°20	4°51	21°52	21°23	1°25	29°31	S 24
M25	8 55 5	14°59'51	11♐33	0♒ 5	1°48	27°16	29° 7	19°57	6°16	19°20	4°52	21°51	21°20	1°32	29°32	M25
T 26	8 59 1	16° 0'34	23°28	1°40	2°58	27°34	29°19	20° 1	6°16	19°20	4°54	21°48	21°17	1°38	29°33	T 26
W27	9 2 58	17° 1'16	5♑33	3°16	4° 8	27°52	29°30	20° 6	6°16	19°21	4°55	21°41	21°14	1°45	29°34	W27
T 28	9 6 55	18° 1'56	17°52	4°52	5°19	28°10	29°41	20°11	6°17	19°21	4°57	21°32	21°10	1°52	29°34	T 28
F 29	9 10 51	19° 2'36	0♒27	6°29	6°29	28°27	29°52	20°16	6°17	19°21	4°58	21°20	21° 7	1°58	29°35	F 29
S 30	9 14 48	20° 3'13	13°19	8° 7	7°39	28°44	0♑ 4	20°21	6°R17	19°21	5° 0	21° 7	21° 4	2° 5	29°35	S 30
S 31	9 18 44	21♒ 3'50	26♒28	9♒46	8♑50	29♎ 0	0♑15	20♈26	6♏17	19♉22	5♓ 1	20♉53	21♉ 1	2♐12	29♎36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s55	25s57	4s18	22s14	1n14	18s 5	3n 4	5s11	2n 8	23s 3	0n19	4n58	2s30	13s 4	0n29	15n55	1s47	22s15	13s16	18n50	18n28	20s30	11s25	0s26
S 2	21 45	23 50	4 47	22 24	1 5	18 18	3 2	5 21	2 9	23 3	0 19	4 59	2 30	13 4	0 29	15 55	1 47	22 15	13 16	18 48	18 27	20 33	11 26	0 26
S 3	21 35	20 29	5 2	22 34	0 56	18 32	3 0	5 30	2 9	23 4	0 19	5 0	2 30	13 5	0 29	15 54	1 47	22 14	13 16	18 45	18 26	20 35	11 27	0 25
M 4	21 25	16 7	5 2	22 43	0 46	18 45	2 58	5 39	2 10	23 5	0 19	5 2	2 29	13 5	0 29	15 54	1 47	22 13	13 15	18 42	18 26	20 37	11 28	0 25
T 5	21 14	10 55	4 46	22 52	0 37	18 57	2 56	5 48	2 10	23 5	0 19	5 3	2 29	13 6	0 29	15 54	1 47	22 13	13 15	18 40	18 25	20 40	11 29	0 25
W 6	21 3	5 9	4 14	22 59	0 29	19 9	2 53	5 57	2 11	23 6	0 19	5 4	2 29	13 6	0 29	15 54	1 47	22 12	13 15	18 39	18 24	20 42	11 29	0 25
T 7	20 52	0n57	3 28	23 6	0 20	19 21	2 51	6 6	2 11	23 6	0 19	5 6	2 29	13 7	0 29	15 54	1 47	22 11	13 15	18 38	18 23	20 44	11 30	0 24
F 8	20 40	7 5	2 28	23 12	0 11	19 32	2 49	6 14	2 12	23 7	0 19	5 7	2 28	13 7	0 29	15 54	1 47	22 11	13 15	18 37	18 22	20 46	11 31	0 24
S 9	20 27	13 0	1 20	23 17	0 3	19 43	2 46	6 23	2 12	23 7	0 19	5 8	2 28	13 7	0 29	15 54	1 47	22 10	13 15	18 37	18 22	20 49	11 32	0 24
S 10	20 15	18 19	0 5	23 20	0s 5	19 54	2 43	6 31	2 13	23 8	0 19	5 10	2 28	13 8	0 29	15 54	1 47	22 9	13 14	18 38	18 21	20 51	11 33	0 23
M11	20 2	22 39	1n11	23 23	0 13	20 4	2 41	6 39	2 13	23 8	0 19	5 11	2 27	13 8	0 29	15 54	1 47	22 9	13 14	18 37	18 20	20 53	11 33	0 23
T 12	19 48	25 35	2 23	23 24	0 21	20 13	2 38	6 48	2 14	23 8	0 19	5 13	2 27	13 9	0 29	15 54	1 46	22 8	13 14	18 37	18 19	20 56	11 34	0 23
W13	19 34	26 48	3 26	23 25	0 29	20 23	2 35	6 56	2 14	23 9	0 19	5 14	2 27	13 9	0 29	15 54	1 46	22 7	13 14	18 35	18 18	20 58	11 34	0 23
T 14	19 20	26 9	4 15	23 24	0 36	20 31	2 32	7 3	2 15	23 9	0 19	5 16	2 27	13 9	0 29	15 54	1 46	22 7	13 14	18 33	18 17	21 0	11 35	0 22
F 15	19 6	23 46	4 47	23 22	0 43	20 39	2 29	7 11	2 15	23 10	0 18	5 18	2 26	13 9	0 29	15 54	1 46	22 6	13 14	18 30	18 17	21 2	11 35	0 22
S 16	18 51	19 57	5 1	23 18	0 50	20 47	2 26	7 19	2 16	23 10	0 18	5 19	2 26	13 10	0 29	15 54	1 46	22 5	13 14	18 27	18 16	21 5	11 36	0 22
S 17	18 36	15 8	4 57	23 14	0 56	20 54	2 23	7 26	2 16	23 10	0 18	5 21	2 26	13 10	0 29	15 54	1 46	22 5	13 14	18 24	18 15	21 7	11 36	0 21
M18	18 20	9 43	4 36	23 8	1 3	21 1	2 20	7 34	2 17	23 10	0 18	5 23	2 26	13 10	0 29	15 54	1 46	22 4	13 13	18 22	18 14	21 9	11 37	0 21
T 19	18 4	4 1	4 1	23 0	1 9	21 7	2 17	7 41	2 17	23 11	0 18	5 25	2 25	13 10	0 29	15 54	1 46	22 3	13 13	18 19	18 13	21 11	11 37	0 21
W20	17 48	1s40	3 16	22 52	1 15	21 13	2 13	7 48	2 18	23 11	0 18	5 26	2 25	13 11	0 29	15 54	1 46	22 3	13 13	18 18	18 12	21 14	11 37	0 21
T 21	17 32	7 10	2 22	22 42	1 20	21 18	2 10	7 55	2 18	23 11	0 18	5 28	2 25	13 11	0 29	15 54	1 46	22 2	13 13	18 17	18 12	21 16	11 37	0 20
F 22	17 15	12 17	1 23	22 31	1 26	21 23	2 7	8 2	2 19	23 11	0 18	5 30	2 25	13 11	0 29	15 54	1 46	22 1	13 13	18 17	18 11	21 18	11 38	0 20
S 23	16 58	16 54	0 21	22 18	1 31	21 27	2 3	8 8	2 19	23 12	0 18	5 32	2 24	13 11	0 29	15 54	1 46	22 1	13 13	18 17	18 10	21 20	11 38	0 20
S 24	16 40	20 50	0s42	22 4	1 36	21 30	2 0	8 15	2 19	23 12	0 18	5 34	2 24	13 11	0 29	15 55	1 46	22 0	13 13	18 17	18 9	21 22	11 38	0 19
M25	16 23	23 55	1 42	21 49	1 40	21 33	1 56	8 21	2 20	23 12	0 18	5 36	2 24	13 11	0 29	15 55	1 46	21 59	13 13	18 16	18 8	21 25	11 38	0 19
T 26	16 5	25 59	2 39	21 32	1 44	21 35	1 53	8 27	2 20	23 12	0 18	5 38	2 24	13 11	0 29	15 55	1 46	21 59	13 13	18 16	18 7	21 27	11 38	0 19
W27	15 46	26 52	3 29	21 13	1 48	21 37	1 49	8 33	2 21	23 12	0 18	5 40	2 23	13 11	0 29	15 55	1 45	21 58	13 13	18 14	18 7	21 29	11 38	0 18
T 28	15 28	26 26	4 10	20 54	1 51	21 38	1 45	8 39	2 21	23 12	0 18	5 42	2 23	13 11	0 29	15 55	1 45	21 58	13 13	18 12	18 6	21 31	11 38	0 18
F 29	15 9	24 40	4 41	20 33	1 54	21 39	1 42	8 45	2 22	23 12	0 18	5 44	2 23	13 11	0 29	15 55	1 45	21 57	13 12	18 8	18 5	21 34	11 38	0 18
S 30	14 50	21 36	4 57	20 10	1 57	21 39	1 38	8 50	2 22	23 12	0 18	5 46	2 23	13 11	0 29	15 55	1 45	21 56	13 12	18 5	18 4	21 36	11 38	0 17
S 31	14s31	17s24	4s58	19s46	2s 0	21s38	1n34	8s55	2n23	23s12	0n17	5n48	2s23	13s11	0n29	15n55	1s45	21s56	13s12	18n 1	18n 3	21s38	11s37	0s17

Julian Day Number = 2289752.5, Delta T = 164.88 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'31, Lahiri = 17°40'31 Julian Calendar 1 Jan. 1557 == Greg. Calendar 11 Jan. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

FEBRUARY 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 22 41	22♒ 4'24	9♓51	11♒26	10♑ 0	29♎16	0♑26	20♈31	6°R17	19♉22	5♓ 3	20°R40	20♉58	2♐18	29♎36	M 1
T 2	9 26 37	23° 4'57	23°27	13° 7	11°11	29°31	0°36	20°36	6♏17	19°23	5° 5	20♉29	20°55	2°25	29°R36	T 2
W 3	9 30 34	24° 5'29	7♈12	14°49	12°21	29°46	0°47	20°42	6°16	19°23	5° 6	20°21	20°51	2°32	29°36	W 3
T 4	9 34 30	25° 5'58	21° 3	16°32	13°32	0♏ 0	0°58	20°47	6°16	19°24	5° 8	20°16	20°48	2°38	29°35	T 4
F 5	9 38 27	26° 6'26	5♉ 0	18°15	14°43	0°14	1° 8	20°52	6°16	19°24	5° 9	20°14	20°45	2°45	29°35	F 5
S 6	9 42 24	27° 6'51	19° 1	20° 0	15°54	0°28	1°19	20°58	6°16	19°25	5°11	20°13	20°42	2°51	29°35	S 6
S 7	9 46 20	28° 7'15	3♊ 5	21°45	17° 5	0°40	1°29	21° 4	6°15	19°25	5°13	20°13	20°39	2°58	29°34	S 7
M 8	9 50 17	29° 7'37	17°13	23°32	18°16	0°53	1°39	21° 9	6°15	19°26	5°14	20°13	20°35	3° 5	29°33	M 8
T 9	9 54 13	0♓ 7'57	1♋22	25°19	19°27	1° 5	1°50	21°15	6°14	19°27	5°16	20°10	20°32	3°11	29°33	T 9
W10	9 58 10	1° 8'14	15°30	27° 7	20°38	1°16	2° 0	21°21	6°14	19°28	5°18	20° 4	20°29	3°18	29°32	W10
T 11	10 2 6	2° 8'30	29°36	28°57	21°49	1°27	2°10	21°27	6°13	19°28	5°19	19°55	20°26	3°25	29°31	T 11
F 12	10 6 3	3° 8'44	13♌34	0♓47	23° 1	1°37	2°19	21°33	6°12	19°29	5°21	19°44	20°23	3°31	29°30	F 12
S 13	10 10 0	4° 8'56	27°21	2°38	24°12	1°46	2°29	21°38	6°12	19°30	5°22	19°32	20°20	3°38	29°28	S 13
S 14	10 13 56	5° 9'06	10♍52	4°31	25°23	1°55	2°39	21°45	6°11	19°31	5°24	19°20	20°16	3°45	29°27	S 14
M15	10 17 53	6° 9'14	24° 5	6°24	26°35	2° 4	2°48	21°51	6°10	19°32	5°26	19° 9	20°13	3°51	29°26	M15
T 16	10 21 49	7° 9'20	6♎58	8°18	27°46	2°11	2°58	21°57	6° 9	19°32	5°27	19° 0	20°10	3°58	29°24	T 16
W17	10 25 46	8° 9'25	19°32	10°13	28°58	2°19	3° 7	22° 3	6° 8	19°33	5°29	18°53	20° 7	4° 5	29°22	W17
T 18	10 29 42	9° 9'27	1♏49	12° 9	0♒ 9	2°25	3°16	22° 9	6° 7	19°34	5°31	18°50	20° 4	4°11	29°21	T 18
F 19	10 33 39	10° 9'29	13°51	14° 5	1°21	2°31	3°25	22°16	6° 6	19°35	5°32	18°D48	20° 1	4°18	29°19	F 19
S 20	10 37 35	11° 9'28	25°44	16° 2	2°33	2°36	3°34	22°22	6° 5	19°36	5°34	18°48	19°57	4°25	29°17	S 20
S 21	10 41 32	12° 9'26	7♐33	17°59	3°44	2°41	3°43	22°29	6° 4	19°38	5°35	18°R49	19°54	4°31	29°15	S 21
M22	10 45 28	13° 9'23	19°22	19°57	4°56	2°45	3°51	22°35	6° 3	19°39	5°37	18°49	19°51	4°38	29°12	M22
T 23	10 49 25	14° 9'17	1♑18	21°54	6° 8	2°48	4° 0	22°42	6° 2	19°40	5°39	18°47	19°48	4°44	29°10	T 23
W24	10 53 22	15° 9'10	13°25	23°51	7°20	2°50	4° 8	22°48	6° 1	19°41	5°40	18°43	19°45	4°51	29° 8	W24
T 25	10 57 18	16° 9'01	25°49	25°48	8°32	2°52	4°17	22°55	5°59	19°42	5°42	18°37	19°41	4°58	29° 5	T 25
F 26	11 1 15	17° 8'51	8♒31	27°44	9°44	2°53	4°25	23° 2	5°58	19°43	5°43	18°29	19°38	5° 4	29° 3	F 26
S 27	11 5 11	18° 8'38	21°35	29°39	10°56	2°R54	4°33	23° 8	5°57	19°45	5°45	18°19	19°35	5°11	29° 0	S 27
S 28	11 9 8	19♓ 8'24	5♓ 0	1♈33	12♒ 8	2♏53	4♑41	23♈15	5♏55	19♉46	5♓47	18♉ 8	19♉32	5♐18	28♎57	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	14s11	12s16	4s44	19s20	2s 2	21s37	1n31	9s 1	2n23	23s12	0n17	5n50	2s22	13s11	0n29	15n56	1s45	21s55	13s12	17n58	18n 2	21s40	11s37	0s17	M 1
T 2	13 51	6 28	4 12	18 54	2 3	21 35	1 27	9 6	2 23	23 12	0 17	5 52	2 22	13 11	0 29	15 56	1 45	21 54	13 12	17 55	18 2	21 42	11 37	0 17	T 2
W 3	13 31	0 18	3 26	18 25	2 5	21 33	1 23	9 10	2 24	23 12	0 17	5 55	2 22	13 11	0 29	15 56	1 45	21 54	13 12	17 53	18 1	21 44	11 37	0 16	W 3
T 4	13 11	5n57	2 28	17 55	2 6	21 29	1 19	9 15	2 24	23 12	0 17	5 57	2 22	13 11	0 29	15 56	1 45	21 53	13 12	17 51	18 0	21 47	11 36	0 16	T 4
F 5	12 51	11 58	1 20	17 24	2 6	21 26	1 16	9 20	2 24	23 12	0 17	5 59	2 21	13 11	0 29	15 56	1 45	21 52	13 12	17 51	17 59	21 49	11 36	0 16	F 5
S 6	12 30	17 25	0 6	16 51	2 6	21 22	1 12	9 24	2 25	23 12	0 17	6 1	2 21	13 11	0 29	15 57	1 45	21 52	13 12	17 51	17 58	21 51	11 35	0 15	S 6
S 7	12 9	21 56	1n 8	16 16	2 6	21 17	1 8	9 28	2 25	23 12	0 17	6 4	2 21	13 11	0 29	15 57	1 45	21 51	13 12	17 51	17 57	21 53	11 35	0 15	S 7
M 8	11 48	25 10	2 18	15 41	2 5	21 11	1 4	9 32	2 26	23 12	0 17	6 6	2 21	13 11	0 29	15 57	1 45	21 51	13 12	17 50	17 57	21 55	11 34	0 15	M 8
T 9	11 27	26 49	3 19	15 3	2 4	21 5	1 1	9 36	2 26	23 12	0 17	6 8	2 21	13 10	0 29	15 57	1 45	21 50	13 12	17 50	17 56	21 57	11 34	0 14	T 9
W10	11 6	26 43	4 9	14 24	2 2	20 58	0 57	9 39	2 26	23 12	0 17	6 10	2 20	13 10	0 29	15 58	1 45	21 49	13 12	17 48	17 55	21 59	11 33	0 14	W10
T 11	10 44	24 53	4 42	13 44	2 0	20 51	0 53	9 43	2 26	23 12	0 17	6 13	2 20	13 10	0 29	15 58	1 45	21 49	13 12	17 46	17 54	22 2	11 32	0 14	T 11
F 12	10 23	21 34	4 59	13 3	1 57	20 43	0 49	9 46	2 27	23 12	0 17	6 15	2 20	13 10	0 29	15 58	1 44	21 48	13 12	17 43	17 53	22 4	11 32	0 13	F 12
S 13	10 1	17 5	4 58	12 19	1 54	20 35	0 45	9 49	2 27	23 12	0 17	6 18	2 20	13 9	0 29	15 58	1 44	21 48	13 12	17 40	17 52	22 6	11 31	0 13	S 13
S 14	9 39	11 50	4 40	11 35	1 50	20 26	0 42	9 52	2 27	23 12	0 17	6 20	2 20	13 9	0 29	15 59	1 44	21 47	13 12	17 36	17 51	22 8	11 30	0 13	S 14
M15	9 17	6 8	4 8	10 49	1 45	20 16	0 38	9 55	2 28	23 12	0 17	6 23	2 19	13 9	0 29	15 59	1 44	21 46	13 12	17 33	17 51	22 10	11 29	0 12	M15
T 16	8 54	0 20	3 23	10 2	1 40	20 6	0 34	9 57	2 28	23 11	0 16	6 25	2 19	13 9	0 29	15 59	1 44	21 46	13 12	17 31	17 50	22 12	11 28	0 12	T 16
W17	8 32	5s22	2 29	9 13	1 35	19 55	0 31	9 59	2 28	23 11	0 16	6 27	2 19	13 8	0 29	16 0	1 44	21 45	13 12	17 29	17 49	22 14	11 27	0 12	W17
T 18	8 9	10 44	1 29	8 24	1 29	19 44	0 27	10 1	2 28	23 11	0 16	6 30	2 19	13 8	0 29	16 0	1 44	21 45	13 12	17 28	17 48	22 16	11 27	0 11	T 18
F 19	7 47	15 37	0 26	7 33	1 22	19 32	0 23	10 3	2 28	23 11	0 16	6 32	2 19	13 8	0 29	16 0	1 44	21 44	13 12	17 28	17 47	22 18	11 26	0 11	F 19
S 20	7 24	19 50	0s37	6 41	1 15	19 19	0 20	10 5	2 28	23 11	0 16	6 35	2 19	13 7	0 29	16 1	1 44	21 43	13 13	17 28	17 46	22 20	11 25	0 11	S 20
S 21	7 1	23 14	1 38	5 48	1 7	19 6	0 16	10 7	2 28	23 11	0 16	6 38	2 18	13 7	0 29	16 1	1 44	21 43	13 13	17 28	17 46	22 23	11 23	0 10	S 21
M22	6 38	25 39	2 35	4 54	0 59	18 53	0 12	10 8	2 29	23 10	0 16	6 40	2 18	13 6	0 29	16 1	1 44	21 42	13 13	17 28	17 45	22 25	11 22	0 10	M22
T 23	6 15	26 56	3 26	3 59	0 50	18 39	0 9	10 9	2 29	23 10	0 16	6 43	2 18	13 6	0 30	16 2	1 44	21 42	13 13	17 27	17 44	22 27	11 21	0 10	T 23
W24	5 52	26 57	4 9	3 4	0 40	18 24	0 5	10 10	2 29	23 10	0 16	6 45	2 18	13 6	0 30	16 2	1 44	21 41	13 13	17 26	17 43	22 29	11 20	0 9	W24
T 25	5 29	25 38	4 41	2 8	0 30	18 9	0 2	10 10	2 29	23 10	0 16	6 48	2 18	13 5	0 30	16 2	1 44	21 41	13 13	17 24	17 42	22 31	11 19	0 9	T 25
F 26	5 5	23 0	5 0	1 12	0 20	17 53	0s 2	10 11	2 29	23 10	0 16	6 50	2 18	13 5	0 30	16 3	1 44	21 40	13 13	17 22	17 41	22 33	11 18	0 8	F 26
S 27	4 42	19 8	5 4	0 16	0 8	17 37	0 5	10 11	2 28	23 9	0 16	6 53	2 18	13 4	0 30	16 3	1 44	21 40	13 13	17 19	17 40	22 35	11 16	0 8	S 27
S 28	4s19	14s13	4s51	0n40	0n 3	17s20	0s 8	10s11	2n28	23s 9	0n16	6n56	2s17	13s 4	0n30	16n 4	1s44	21s39	13s13	17n16	17n40	22s37	11s15	0s 8	S 28

Julian Day Number = 2289783.5, Delta T = 164.70 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'35, Lahiri = 17°40'36 Julian Calendar 1 Feb. 1557 == Greg. Calendar 11 Feb. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

MARCH 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 13 4	20♓ 8'07	18♓44	3♈25	13♒20	2°R52	4♑48	23♈22	5°R54	19♉47	5♓48	17°R58	19♉29	5♐24	28°R54	M 1
T 2	11 17 1	21° 7'49	2♈44	5°14	14°32	2♏50	4°56	23°29	5♏52	19°48	5°50	17♉50	19°26	5°31	28♎51	T 2
W 3	11 20 57	22° 7'29	16°56	7° 1	15°44	2°47	5° 3	23°36	5°51	19°50	5°51	17°44	19°22	5°38	28°48	W 3
T 4	11 24 54	23° 7'06	1♉14	8°44	16°56	2°44	5°11	23°43	5°49	19°51	5°53	17°40	19°19	5°44	28°45	T 4
F 5	11 28 51	24° 6'41	15°33	10°24	18° 8	2°40	5°18	23°50	5°47	19°53	5°55	17°D39	19°16	5°51	28°42	F 5
S 6	11 32 47	25° 6'14	29°51	12° 0	19°21	2°35	5°25	23°57	5°46	19°54	5°56	17°39	19°13	5°58	28°38	S 6
S 7	11 36 44	26° 5'45	14♊ 4	13°31	20°33	2°29	5°32	24° 4	5°44	19°56	5°58	17°40	19°10	6° 4	28°35	S 7
M 8	11 40 40	27° 5'13	28°11	14°57	21°45	2°23	5°39	24°11	5°42	19°57	5°59	17°R41	19° 7	6°11	28°32	M 8
T 9	11 44 37	28° 4'39	12♋10	16°18	22°57	2°15	5°45	24°18	5°41	19°59	6° 1	17°40	19° 3	6°18	28°28	T 9
W10	11 48 33	29° 4'03	26° 2	17°32	24°10	2° 7	5°52	24°25	5°39	20° 0	6° 2	17°37	19° 0	6°24	28°24	W10
T 11	11 52 30	0♈ 3'24	9♌44	18°41	25°22	1°58	5°58	24°33	5°37	20° 2	6° 4	17°32	18°57	6°31	28°21	T 11
F 12	11 56 26	1° 2'43	23°16	19°44	26°34	1°49	6° 4	24°40	5°35	20° 3	6° 5	17°25	18°54	6°38	28°17	F 12
S 13	12 0 23	2° 1'59	6♍36	20°40	27°47	1°39	6°10	24°47	5°33	20° 5	6° 7	17°17	18°51	6°44	28°13	S 13
S 14	12 4 20	3° 1'13	19°43	21°29	28°59	1°27	6°16	24°54	5°31	20° 7	6° 8	17° 9	18°47	6°51	28° 9	S 14
M15	12 8 16	4° 0'25	2♎36	22°11	0♓11	1°16	6°21	25° 2	5°29	20° 8	6°10	17° 2	18°44	6°58	28° 5	M15
T 16	12 12 13	4°59'35	15°14	22°46	1°24	1° 3	6°27	25° 9	5°27	20°10	6°11	16°57	18°41	7° 4	28° 1	T 16
W17	12 16 9	5°58'43	27°37	23°14	2°36	0°50	6°32	25°17	5°25	20°12	6°13	16°53	18°38	7°11	27°57	W17
T 18	12 20 6	6°57'50	9♏47	23°35	3°49	0°36	6°38	25°24	5°23	20°13	6°14	16°51	18°35	7°17	27°53	T 18
F 19	12 24 2	7°56'54	21°47	23°48	5° 1	0°21	6°43	25°31	5°21	20°15	6°15	16°D51	18°32	7°24	27°49	F 19
S 20	12 27 59	8°55'56	3♐39	23°R55	6°14	0° 6	6°47	25°39	5°18	20°17	6°17	16°52	18°28	7°31	27°45	S 20
S 21	12 31 55	9°54'57	15°27	23°54	7°26	29♎50	6°52	25°46	5°16	20°19	6°18	16°53	18°25	7°37	27°40	S 21
M22	12 35 52	10°53'56	27°17	23°47	8°39	29°33	6°57	25°54	5°14	20°20	6°20	16°55	18°22	7°44	27°36	M22
T 23	12 39 49	11°52'53	9♑13	23°34	9°51	29°16	7° 1	26° 1	5°12	20°22	6°21	16°R56	18°19	7°51	27°32	T 23
W24	12 43 45	12°51'48	21°20	23°15	11° 4	28°58	7° 5	26° 9	5°10	20°24	6°22	16°56	18°16	7°57	27°27	W24
T 25	12 47 42	13°50'41	3♒43	22°50	12°17	28°40	7° 9	26°17	5° 7	20°26	6°24	16°54	18°13	8° 4	27°23	T 25
F 26	12 51 38	14°49'33	16°26	22°20	13°29	28°21	7°13	26°24	5° 5	20°28	6°25	16°51	18° 9	8°11	27°18	F 26
S 27	12 55 35	15°48'23	29°33	21°46	14°42	28° 1	7°17	26°32	5° 3	20°30	6°26	16°46	18° 6	8°17	27°14	S 27
S 28	12 59 31	16°47'11	13♓ 4	21° 9	15°55	27°41	7°20	26°39	5° 0	20°32	6°28	16°42	18° 3	8°24	27° 9	S 28
M29	13 3 28	17°45'57	26°59	20°28	17° 7	27°21	7°23	26°47	4°58	20°34	6°29	16°37	18° 0	8°31	27° 5	M29
T 30	13 7 24	18°44'41	11♈16	19°46	18°20	27° 0	7°26	26°55	4°56	20°36	6°30	16°33	17°57	8°37	27° 0	T 30
W31	13 11 21	19♈43'23	25♈49	19♈ 3	19♓33	26♎38	7♑29	27♈ 2	4♏53	20♉38	6♓32	16♉31	17♉53	8♐44	26♎55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s55	8s29	4s22	1n35	0n15	17s 3	0s12	10s10	2n28	23s 9	0n16	6n58	2s17	13s 3	0n30	16n 4	1s43	21s39	13s13	17n14	17n39	22s39	11s14	0s 7
T 2	3 31	2 13	3 37	2 30	0 27	16 45	0 15	10 10	2 28	23 9	0 16	7 1	2 17	13 3	0 30	16 4	1 43	21 38	13 13	17 11	17 38	22 41	11 12	0 7
W 3	3 8	4n15	2 37	3 24	0 40	16 27	0 18	10 9	2 28	23 9	0 16	7 4	2 17	13 2	0 30	16 5	1 43	21 38	13 14	17 10	17 37	22 43	11 11	0 7
T 4	2 44	10 34	1 27	4 16	0 52	16 8	0 21	10 8	2 28	23 8	0 15	7 6	2 17	13 2	0 30	16 5	1 43	21 37	13 14	17 9	17 36	22 45	11 9	0 6
F 5	2 21	16 21	0 11	5 7	1 5	15 49	0 25	10 7	2 27	23 8	0 15	7 9	2 17	13 1	0 30	16 6	1 43	21 37	13 14	17 8	17 35	22 47	11 8	0 6
S 6	1 57	21 14	1n 5	5 56	1 17	15 30	0 28	10 6	2 27	23 8	0 15	7 12	2 17	13 1	0 30	16 6	1 43	21 36	13 14	17 8	17 34	22 49	11 6	0 6
S 7	1 33	24 49	2 17	6 44	1 30	15 10	0 31	10 4	2 27	23 8	0 15	7 15	2 16	13 0	0 30	16 7	1 43	21 36	13 14	17 9	17 33	22 51	11 5	0 5
M 8	1 10	26 50	3 20	7 28	1 42	14 49	0 34	10 2	2 26	23 7	0 15	7 17	2 16	12 59	0 30	16 7	1 43	21 35	13 14	17 9	17 33	22 53	11 3	0 5
T 9	0 46	27 6	4 11	8 11	1 54	14 28	0 37	10 0	2 26	23 7	0 15	7 20	2 16	12 59	0 30	16 7	1 43	21 35	13 14	17 9	17 32	22 55	11 2	0 5
W10	0 22	25 41	4 46	8 50	2 6	14 7	0 39	9 58	2 25	23 7	0 15	7 23	2 16	12 58	0 30	16 8	1 43	21 34	13 15	17 8	17 31	22 57	11 0	0 4
T 11	0n 1	22 45	5 5	9 27	2 17	13 46	0 42	9 56	2 25	23 7	0 15	7 25	2 16	12 58	0 30	16 8	1 43	21 34	13 15	17 6	17 30	22 59	10 58	0 4
F 12	0 25	18 36	5 6	10 0	2 27	13 24	0 45	9 53	2 24	23 7	0 15	7 28	2 16	12 57	0 30	16 9	1 43	21 34	13 15	17 4	17 29	23 1	10 57	0 3
S 13	0 49	13 36	4 51	10 31	2 37	13 1	0 48	9 50	2 23	23 6	0 15	7 31	2 16	12 56	0 30	16 9	1 43	21 33	13 15	17 2	17 28	23 3	10 55	0 3
S 14	1 12	8 4	4 20	10 57	2 46	12 39	0 50	9 47	2 23	23 6	0 15	7 34	2 16	12 56	0 30	16 10	1 43	21 33	13 15	17 0	17 27	23 5	10 53	0 3
M15	1 36	2 16	3 36	11 21	2 54	12 15	0 53	9 44	2 22	23 6	0 15	7 37	2 16	12 55	0 30	16 10	1 43	21 32	13 15	16 58	17 26	23 7	10 51	0 2
T 16	1 59	3s30	2 43	11 40	3 1	11 52	0 55	9 40	2 21	23 6	0 15	7 39	2 16	12 54	0 30	16 11	1 43	21 32	13 16	16 56	17 26	23 9	10 50	0 2
W17	2 23	9 3	1 43	11 56	3 6	11 28	0 58	9 36	2 20	23 6	0 15	7 42	2 15	12 54	0 30	16 11	1 43	21 32	13 16	16 55	17 25	23 11	10 48	0 2
T 18	2 46	14 11	0 38	12 8	3 11	11 4	1 0	9 32	2 19	23 5	0 15	7 45	2 15	12 53	0 30	16 12	1 43	21 31	13 16	16 55	17 24	23 13	10 46	0 1
F 19	3 10	18 41	0s27	12 16	3 14	10 40	1 3	9 28	2 18	23 5	0 14	7 48	2 15	12 52	0 30	16 12	1 43	21 31	13 16	16 55	17 23	23 15	10 44	0 1
S 20	3 33	22 25	1 30	12 20	3 16	10 15	1 5	9 24	2 17	23 5	0 14	7 50	2 15	12 51	0 30	16 13	1 43	21 30	13 16	16 55	17 22	23 17	10 42	0 1
S 21	3 56	25 11	2 30	12 21	3 17	9 50	1 7	9 19	2 16	23 5	0 14	7 53	2 15	12 51	0 30	16 13	1 43	21 30	13 16	16 55	17 21	23 19	10 40	0 0
M22	4 19	26 51	3 23	12 17	3 16	9 25	1 9	9 15	2 14	23 5	0 14	7 56	2 15	12 50	0 30	16 14	1 42	21 30	13 17	16 56	17 20	23 20	10 38	0n 0
T 23	4 43	27 18	4 8	12 10	3 13	8 59	1 11	9 10	2 13	23 5	0 14	7 59	2 15	12 49	0 30	16 14	1 42	21 29	13 17	16 56	17 19	23 22	10 37	0 1
W24	5 6	26 27	4 42	11 59	3 9	8 34	1 13	9 5	2 12	23 4	0 14	8 2	2 15	12 48	0 30	16 15	1 42	21 29	13 17	16 56	17 19	23 24	10 35	0 1
T 25	5 28	24 18	5 4	11 44	3 3	8 8	1 15	9 0	2 10	23 4	0 14	8 4	2 15	12 48	0 30	16 15	1 42	21 29	13 17	16 55	17 18	23 26	10 33	0 1
F 26	5 51	20 55	5 13	11 26	2 56	7 41	1 17	8 54	2 9	23 4	0 14	8 7	2 15	12 47	0 30	16 16	1 42	21 29	13 18	16 55	17 17	23 28	10 31	0 2
S 27	6 14	16 25	5 5	11 5	2 47	7 15	1 19	8 49	2 7	23 4	0 14	8 10	2 15	12 46	0 30	16 16	1 42	21 28	13 18	16 53	17 16	23 30	10 29	0 2
S 28	6 37	10 59	4 40	10 42	2 37	6 48	1 20	8 43	2 6	23 4	0 14	8 13	2 15	12 45	0 30	16 17	1 42	21 28	13 18	16 52	17 15	23 32	10 27	0 2
M29	6 59	4 51	3 59	10 16	2 26	6 21	1 22	8 37	2 4	23 4	0 14	8 16	2 15	12 44	0 30	16 18	1 42	21 28	13 18	16 51	17 14	23 34	10 25	0 3
T 30	7 22	1n41	3 1	9 48	2 13	5 54	1 23	8 32	2 2	23 4	0 14	8 18	2 15	12 44	0 30	16 18	1 42	21 27	13 19	16 50	17 13	23 36	10 23	0 3
W31	7n44	8n16	1s51	9n19	1n59	5s27	1s25	8s26	2n 0	23s 4	0n14	8n21	2s14	12s43	0n30	16n19	1s42	21s27	13s19	16n49	17n12	23s37	10s21	0n 4

Julian Day Number = 2289811.5, Delta T = 164.54 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'39, Lahiri = 17°40'40 Julian Calendar 1 March 1557 == Greg. Calendar 11 March 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

APRIL 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 15 17	20♈42'04	10♉31	18°R19	20♓45	26°R17	7♑32	27♈10	4°R51	20♉40	6♓33	16°D30	17♉50	8♐51	26°R51	T 1
F 2	13 19 14	21°40'42	25°17	17♈36	21°58	25♎55	7°35	27°18	4♏48	20°42	6°34	16♉30	17°47	8°57	26♎46	F 2
S 3	13 23 11	22°39'18	9♊59	16°54	23°11	25°33	7°37	27°25	4°46	20°44	6°35	16°31	17°44	9° 4	26°41	S 3
S 4	13 27 7	23°37'53	24°31	16°14	24°24	25°11	7°39	27°33	4°43	20°46	6°36	16°32	17°41	9°11	26°37	S 4
M 5	13 31 4	24°36'24	8♋50	15°36	25°36	24°48	7°41	27°41	4°41	20°48	6°38	16°33	17°38	9°17	26°32	M 5
T 6	13 35 0	25°34'54	22°53	15° 2	26°49	24°26	7°43	27°48	4°38	20°50	6°39	16°R34	17°34	9°24	26°27	T 6
W 7	13 38 57	26°33'22	6♌40	14°31	28° 2	24° 3	7°45	27°56	4°36	20°52	6°40	16°34	17°31	9°31	26°23	W 7
T 8	13 42 53	27°31'47	20°10	14° 5	29°15	23°41	7°46	28° 4	4°33	20°54	6°41	16°33	17°28	9°37	26°18	T 8
F 9	13 46 50	28°30'10	3♍24	13°42	0♈27	23°18	7°47	28°12	4°31	20°56	6°42	16°31	17°25	9°44	26°13	F 9
S 10	13 50 46	29°28'31	16°23	13°25	1°40	22°56	7°49	28°19	4°28	20°58	6°43	16°28	17°22	9°51	26° 9	S 10
S 11	13 54 43	0♉26'49	29° 8	13°12	2°53	22°33	7°49	28°27	4°26	21° 0	6°44	16°26	17°18	9°57	26° 4	S 11
M12	13 58 40	1°25'06	11♎40	13° 4	4° 6	22°11	7°50	28°35	4°23	21° 2	6°45	16°24	17°15	10° 4	25°59	M12
T 13	14 2 36	2°23'21	24° 0	13°D 1	5°19	21°49	7°51	28°42	4°21	21° 5	6°46	16°22	17°12	10°10	25°55	T 13
W14	14 6 33	3°21'34	6♏10	13° 3	6°31	21°28	7°51	28°50	4°18	21° 7	6°47	16°21	17° 9	10°17	25°50	W14
T 15	14 10 29	4°19'46	18°11	13° 9	7°44	21° 6	7°R51	28°58	4°16	21° 9	6°48	16°D21	17° 6	10°24	25°45	T 15
F 16	14 14 26	5°17'55	0♐ 6	13°21	8°57	20°45	7°51	29° 5	4°13	21°11	6°49	16°21	17° 3	10°30	25°41	F 16
S 17	14 18 22	6°16'03	11°56	13°37	10°10	20°24	7°51	29°13	4°11	21°13	6°50	16°22	16°59	10°37	25°36	S 17
S 18	14 22 19	7°14'10	23°44	13°57	11°23	20° 4	7°51	29°21	4° 8	21°15	6°51	16°23	16°56	10°44	25°32	S 18
M19	14 26 15	8°12'15	5♑35	14°22	12°36	19°44	7°50	29°28	4° 5	21°18	6°52	16°24	16°53	10°50	25°27	M19
T 20	14 30 12	9°10'19	17°31	14°52	13°49	19°25	7°49	29°36	4° 3	21°20	6°53	16°25	16°50	10°57	25°23	T 20
W21	14 34 9	10° 8'21	29°38	15°25	15° 1	19° 6	7°48	29°44	4° 0	21°22	6°54	16°25	16°47	11° 4	25°18	W21
T 22	14 38 5	11° 6'22	11♒59	16° 2	16°14	18°48	7°47	29°51	3°58	21°24	6°55	16°R25	16°44	11°10	25°14	T 22
F 23	14 42 2	12° 4'21	24°39	16°44	17°27	18°30	7°46	29°59	3°55	21°27	6°56	16°25	16°40	11°17	25°10	F 23
S 24	14 45 58	13° 2'19	7♓42	17°28	18°40	18°13	7°44	0♉ 6	3°53	21°29	6°57	16°25	16°37	11°24	25° 5	S 24
S 25	14 49 55	14° 0'16	21°10	18°17	19°53	17°56	7°42	0°14	3°50	21°31	6°57	16°25	16°34	11°30	25° 1	S 25
M26	14 53 51	14°58'11	5♈ 5	19° 9	21° 6	17°40	7°40	0°21	3°48	21°33	6°58	16°24	16°31	11°37	24°57	M26
T 27	14 57 48	15°56'05	19°25	20° 4	22°19	17°25	7°38	0°29	3°45	21°35	6°59	16°24	16°28	11°44	24°53	T 27
W28	15 1 44	16°53'57	4♉ 6	21° 2	23°32	17°10	7°36	0°37	3°43	21°38	7° 0	16°D24	16°24	11°50	24°49	W28
T 29	15 5 41	17°51'49	19° 4	22° 3	24°45	16°57	7°34	0°44	3°41	21°40	7° 0	16°R24	16°21	11°57	24°44	T 29
F 30	15 9 38	18♉49'39	4♊ 8	23♈ 7	25♈58	16♎44	7♑31	0♉51	3♏38	21♉42	7♓ 1	16♉24	16♉18	12♐ 4	24♎40	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 6	14n30	0s33	8n48	1n44	5s 0	1s26	8s20	1n59	23s 4	0n14	8n24	2s14	12s42	0n30	16n19	1s42	21s27	13s19	16n49	17n11	23s39	10s19	0n 4
F 2	8 28	19 55	0n48	8 17	1 29	4 32	1 28	8 14	1 57	23 3	0 13	8 27	2 14	12 41	0 30	16 20	1 42	21 27	13 19	16 49	17 11	23 41	10 17	0 4
S 3	8 50	24 4	2 6	7 46	1 12	4 4	1 29	8 7	1 55	23 3	0 13	8 29	2 14	12 40	0 30	16 20	1 42	21 26	13 20	16 49	17 10	23 43	10 15	0 5
S 4	9 12	26 37	3 14	7 15	0 56	3 37	1 30	8 1	1 53	23 3	0 13	8 32	2 14	12 40	0 30	16 21	1 42	21 26	13 20	16 49	17 9	23 45	10 13	0 5
M 5	9 33	27 21	4 10	6 45	0 39	3 9	1 31	7 55	1 50	23 3	0 13	8 35	2 14	12 39	0 30	16 21	1 42	21 26	13 20	16 50	17 8	23 47	10 11	0 5
T 6	9 55	26 18	4 49	6 17	0 22	2 41	1 32	7 49	1 48	23 3	0 13	8 38	2 14	12 38	0 30	16 22	1 42	21 26	13 20	16 50	17 7	23 49	10 8	0 6
W 7	10 16	23 40	5 11	5 49	0 5	2 12	1 33	7 43	1 46	23 3	0 13	8 41	2 14	12 37	0 30	16 23	1 42	21 26	13 21	16 50	17 6	23 50	10 6	0 6
T 8	10 37	19 46	5 15	5 24	0s11	1 44	1 34	7 36	1 44	23 3	0 13	8 43	2 14	12 36	0 30	16 23	1 42	21 25	13 21	16 49	17 5	23 52	10 4	0 7
F 9	10 58	14 58	5 2	5 0	0 27	1 16	1 35	7 30	1 41	23 3	0 13	8 46	2 14	12 35	0 30	16 24	1 42	21 25	13 21	16 49	17 4	23 54	10 2	0 7
S 10	11 19	9 35	4 34	4 39	0 43	0 48	1 35	7 24	1 39	23 3	0 13	8 49	2 14	12 35	0 30	16 24	1 42	21 25	13 21	16 48	17 3	23 56	10 0	0 7
S 11	11 39	3 54	3 52	4 20	0 58	0 19	1 36	7 18	1 37	23 3	0 13	8 52	2 14	12 34	0 30	16 25	1 42	21 25	13 22	16 48	17 3	23 58	9 58	0 8
M12	12 0	1s52	3 0	4 4	1 12	0n 9	1 37	7 12	1 34	23 3	0 13	8 54	2 14	12 33	0 30	16 25	1 42	21 25	13 22	16 47	17 2	23 59	9 56	0 8
T 13	12 20	7 28	2 1	3 50	1 26	0 38	1 37	7 6	1 32	23 3	0 13	8 57	2 14	12 32	0 30	16 26	1 42	21 25	13 22	16 46	17 1	24 1	9 54	0 8
W14	12 40	12 44	0 56	3 39	1 39	1 6	1 38	7 1	1 29	23 3	0 12	9 0	2 14	12 31	0 30	16 27	1 42	21 25	13 23	16 46	17 0	24 3	9 52	0 9
T 15	13 0	17 27	0s10	3 30	1 51	1 35	1 38	6 55	1 26	23 4	0 12	9 2	2 14	12 30	0 30	16 27	1 42	21 24	13 23	16 46	16 59	24 5	9 50	0 9
F 16	13 19	21 27	1 15	3 24	2 2	2 3	1 38	6 50	1 24	23 4	0 12	9 5	2 14	12 29	0 30	16 28	1 42	21 24	13 23	16 46	16 58	24 7	9 48	0 10
S 17	13 39	24 32	2 17	3 21	2 13	2 32	1 38	6 44	1 21	23 4	0 12	9 8	2 14	12 29	0 30	16 28	1 42	21 24	13 24	16 46	16 57	24 8	9 46	0 10
S 18	13 58	26 34	3 13	3 20	2 22	3 0	1 38	6 39	1 19	23 4	0 12	9 11	2 14	12 28	0 30	16 29	1 42	21 24	13 24	16 47	16 56	24 10	9 44	0 10
M19	14 17	27 23	4 1	3 22	2 31	3 29	1 38	6 34	1 16	23 4	0 12	9 13	2 14	12 27	0 30	16 30	1 42	21 24	13 24	16 47	16 55	24 12	9 42	0 11
T 20	14 35	26 57	4 38	3 26	2 39	3 57	1 38	6 29	1 13	23 4	0 12	9 16	2 14	12 26	0 30	16 30	1 42	21 24	13 24	16 47	16 54	24 14	9 40	0 11
W21	14 54	25 14	5 4	3 32	2 46	4 25	1 38	6 25	1 10	23 4	0 12	9 19	2 14	12 25	0 30	16 31	1 42	21 24	13 25	16 47	16 53	24 15	9 38	0 11
T 22	15 12	22 18	5 17	3 41	2 52	4 54	1 38	6 20	1 8	23 4	0 12	9 21	2 14	12 24	0 30	16 31	1 42	21 24	13 25	16 47	16 53	24 17	9 36	0 12
F 23	15 30	18 16	5 14	3 52	2 57	5 22	1 38	6 16	1 5	23 5	0 12	9 24	2 14	12 24	0 30	16 32	1 42	21 24	13 25	16 47	16 52	24 19	9 34	0 12
S 24	15 47	13 16	4 56	4 5	3 2	5 50	1 38	6 12	1 2	23 5	0 12	9 26	2 14	12 23	0 30	16 33	1 42	21 24	13 26	16 47	16 51	24 21	9 32	0 12
S 25	16 5	7 30	4 21	4 19	3 6	6 18	1 37	6 8	1 0	23 5	0 11	9 29	2 14	12 22	0 30	16 33	1 42	21 24	13 26	16 47	16 50	24 22	9 31	0 13
M26	16 22	1 11	3 30	4 36	3 9	6 46	1 37	6 5	0 57	23 5	0 11	9 32	2 14	12 21	0 30	16 34	1 42	21 24	13 26	16 47	16 49	24 24	9 29	0 13
T 27	16 39	5n23	2 24	4 55	3 11	7 13	1 36	6 1	0 54	23 5	0 11	9 34	2 14	12 20	0 30	16 34	1 42	21 24	13 27	16 47	16 48	24 26	9 27	0 14
W28	16 56	11 51	1 8	5 15	3 12	7 41	1 36	5 58	0 51	23 6	0 11	9 37	2 14	12 19	0 30	16 35	1 42	21 24	13 27	16 47	16 47	24 27	9 25	0 14
T 29	17 12	17 46	0n15	5 37	3 13	8 8	1 35	5 55	0 49	23 6	0 11	9 39	2 15	12 19	0 30	16 35	1 42	21 24	13 27	16 47	16 46	24 29	9 23	0 14
F 30	17n28	22n37	1n37	6n 1	3s13	8n35	1s34	5s53	0n46	23s 6	0n11	9n42	2s15	12s18	0n30	16n36	1s42	21s24	13s28	16n47	16n45	24s31	9s21	0n15

Julian Day Number = 2289842.5, Delta T = 164.36 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'43, Lahiri = 17°40'44 Julian Calendar 1 Apr. 1557 == Greg. Calendar 11 Apr. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

MAY 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 34	19♉47'27	19♊12	24♈14	27♈11	16°R31	7°R28	0♉59	3°R36	21♉44	7♓ 2	16°R24	16♉15	12♐10	24°R37	S 1
S 2	15 17 31	20°45'14	4♋ 5	25°24	28°24	16♎20	7♑25	1° 6	3♏33	21°47	7° 2	16♉24	16°12	12°17	24♎33	S 2
M 3	15 21 27	21°42'59	18°42	26°37	29°37	16° 9	7°22	1°14	3°31	21°49	7° 3	16°23	16° 9	12°24	24°29	M 3
T 4	15 25 24	22°40'43	2♌58	27°52	0♉50	16° 0	7°19	1°21	3°29	21°51	7° 3	16°23	16° 5	12°30	24°25	T 4
W 5	15 29 20	23°38'25	16°50	29°10	2° 3	15°50	7°15	1°28	3°26	21°53	7° 4	16°22	16° 2	12°37	24°21	W 5
T 6	15 33 17	24°36'05	0♍19	0♉30	3°16	15°42	7°11	1°36	3°24	21°56	7° 5	16°D22	15°59	12°44	24°18	T 6
F 7	15 37 14	25°33'43	13°25	1°53	4°29	15°35	7° 7	1°43	3°22	21°58	7° 5	16°23	15°56	12°50	24°14	F 7
S 8	15 41 10	26°31'20	26°12	3°19	5°42	15°28	7° 3	1°50	3°19	22° 0	7° 6	16°23	15°53	12°57	24°11	S 8
S 9	15 45 7	27°28'56	8♎42	4°47	6°55	15°22	6°59	1°58	3°17	22° 2	7° 6	16°24	15°50	13° 4	24° 8	S 9
M10	15 49 3	28°26'30	20°59	6°17	8° 8	15°17	6°55	2° 5	3°15	22° 5	7° 7	16°25	15°46	13°10	24° 4	M10
T 11	15 53 0	29°24'02	3♏ 5	7°50	9°21	15°13	6°50	2°12	3°13	22° 7	7° 7	16°26	15°43	13°17	24° 1	T 11
W12	15 56 56	0♊21'34	15° 4	9°25	10°34	15°10	6°46	2°19	3°11	22° 9	7° 7	16°R27	15°40	13°24	23°58	W12
T 13	16 0 53	1°19'04	26°57	11° 3	11°47	15° 7	6°41	2°26	3° 8	22°11	7° 8	16°26	15°37	13°30	23°55	T 13
F 14	16 4 49	2°16'33	8♐47	12°43	13° 0	15° 6	6°36	2°33	3° 6	22°14	7° 8	16°25	15°34	13°37	23°52	F 14
S 15	16 8 46	3°14'02	20°36	14°25	14°13	15° 5	6°31	2°40	3° 4	22°16	7° 8	16°23	15°30	13°44	23°49	S 15
S 16	16 12 43	4°11'29	2♑26	16°10	15°26	15°D 4	6°25	2°47	3° 2	22°18	7° 9	16°21	15°27	13°50	23°46	S 16
M17	16 16 39	5° 8'55	14°20	17°57	16°39	15° 5	6°20	2°54	3° 0	22°20	7° 9	16°18	15°24	13°57	23°44	M17
T 18	16 20 36	6° 6'21	26°20	19°46	17°52	15° 6	6°14	3° 1	2°58	22°22	7° 9	16°15	15°21	14° 4	23°41	T 18
W19	16 24 32	7° 3'46	8♒29	21°38	19° 5	15° 9	6° 9	3° 8	2°56	22°25	7°10	16°13	15°18	14°10	23°38	W19
T 20	16 28 29	8° 1'09	20°51	23°32	20°19	15°12	6° 3	3°15	2°54	22°27	7°10	16°11	15°15	14°17	23°36	T 20
F 21	16 32 25	8°58'33	3♓29	25°29	21°32	15°15	5°57	3°22	2°52	22°29	7°10	16°D10	15°11	14°24	23°34	F 21
S 22	16 36 22	9°55'55	16°28	27°27	22°45	15°20	5°51	3°28	2°50	22°31	7°10	16°10	15° 8	14°30	23°31	S 22
S 23	16 40 18	10°53'18	29°49	29°28	23°58	15°25	5°45	3°35	2°49	22°33	7°10	16°11	15° 5	14°37	23°29	S 23
M24	16 44 15	11°50'39	13♈35	1♊30	25°11	15°31	5°38	3°42	2°47	22°36	7°10	16°12	15° 2	14°44	23°27	M24
T 25	16 48 12	12°48'00	27°47	3°35	26°24	15°37	5°32	3°48	2°45	22°38	7°10	16°13	14°59	14°50	23°25	T 25
W26	16 52 8	13°45'21	12♉24	5°41	27°37	15°45	5°25	3°55	2°43	22°40	7°11	16°R14	14°56	14°57	23°23	W26
T 27	16 56 5	14°42'41	27°21	7°49	28°51	15°53	5°19	4° 1	2°42	22°42	7°11	16°14	14°52	15° 4	23°22	T 27
F 28	17 0 1	15°40'00	12♊31	9°58	0♊ 4	16° 1	5°12	4° 8	2°40	22°44	7°11	16°12	14°49	15°10	23°20	F 28
S 29	17 3 58	16°37'19	27°44	12° 8	1°17	16°11	5° 5	4°14	2°38	22°46	7°R11	16° 9	14°46	15°17	23°18	S 29
S 30	17 7 54	17°34'38	12♋51	14°19	2°30	16°21	4°58	4°20	2°37	22°48	7°11	16° 5	14°43	15°24	23°17	S 30
M31	17 11 51	18♊31'55	27♋43	16♊30	3♊44	16♎32	4♑51	4♉27	2♏35	22♉50	7♓11	16♉ 0	14♉40	15♐30	23♎16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n44	25n55	2n52	6n26	3s13	9n 3	1s33	5s51	0n43	23s 6	0n11	9n44	2s15	12s17	0n30	16n37	1s42	21s24	13s28	16n47	16n44	24s33	9s20	0n15
S 2	17 59	27 21	3 55	6 53	3 11	9 29	1 33	5 49	0 41	23 7	0 11	9 47	2 15	12 16	0 30	16 37	1 42	21 24	13 28	16 47	16 43	24 34	9 18	0 15
M 3	18 14	26 50	4 41	7 21	3 9	9 56	1 32	5 47	0 38	23 7	0 11	9 49	2 15	12 15	0 29	16 38	1 42	21 24	13 29	16 47	16 43	24 36	9 16	0 16
T 4	18 29	24 33	5 9	7 50	3 7	10 23	1 31	5 46	0 35	23 7	0 11	9 52	2 15	12 15	0 29	16 38	1 42	21 24	13 29	16 47	16 42	24 38	9 14	0 16
W 5	18 44	20 52	5 17	8 21	3 4	10 49	1 30	5 45	0 33	23 8	0 10	9 54	2 15	12 14	0 29	16 39	1 42	21 25	13 29	16 46	16 41	24 39	9 13	0 16
T 6	18 58	16 11	5 8	8 52	3 0	11 15	1 28	5 44	0 30	23 8	0 10	9 57	2 15	12 13	0 29	16 40	1 42	21 25	13 30	16 46	16 40	24 41	9 11	0 17
F 7	19 12	10 53	4 43	9 25	2 55	11 41	1 27	5 43	0 28	23 8	0 10	9 59	2 15	12 12	0 29	16 40	1 42	21 25	13 30	16 47	16 39	24 42	9 9	0 17
S 8	19 26	5 15	4 4	9 59	2 50	12 6	1 26	5 43	0 25	23 9	0 10	10 2	2 15	12 12	0 29	16 41	1 42	21 25	13 31	16 47	16 38	24 44	9 8	0 17
S 9	19 39	0s29	3 14	10 33	2 45	12 31	1 25	5 43	0 22	23 9	0 10	10 4	2 15	12 11	0 29	16 41	1 42	21 25	13 31	16 47	16 37	24 46	9 6	0 18
M10	19 52	6 6	2 16	11 9	2 39	12 56	1 23	5 44	0 20	23 9	0 10	10 7	2 15	12 10	0 29	16 42	1 42	21 25	13 31	16 47	16 36	24 47	9 5	0 18
T 11	20 4	11 25	1 13	11 45	2 32	13 21	1 22	5 44	0 17	23 10	0 10	10 9	2 15	12 9	0 29	16 42	1 42	21 25	13 32	16 48	16 35	24 49	9 3	0 18
W12	20 17	16 16	0 8	12 22	2 25	13 45	1 21	5 45	0 15	23 10	0 10	10 11	2 15	12 9	0 29	16 43	1 42	21 26	13 32	16 48	16 34	24 51	9 2	0 19
T 13	20 29	20 28	0s58	13 0	2 17	14 9	1 19	5 47	0 13	23 10	0 9	10 14	2 15	12 8	0 29	16 44	1 42	21 26	13 32	16 48	16 33	24 52	9 0	0 19
F 14	20 40	23 48	2 0	13 38	2 9	14 33	1 18	5 48	0 10	23 11	0 9	10 16	2 16	12 7	0 29	16 44	1 42	21 26	13 33	16 47	16 32	24 54	8 59	0 19
S 15	20 51	26 7	2 58	14 17	2 1	14 56	1 16	5 50	0 8	23 11	0 9	10 18	2 16	12 6	0 29	16 45	1 42	21 26	13 33	16 47	16 31	24 55	8 58	0 20
S 16	21 2	27 16	3 47	14 56	1 52	15 19	1 14	5 52	0 6	23 11	0 9	10 21	2 16	12 6	0 29	16 45	1 42	21 26	13 33	16 46	16 31	24 57	8 56	0 20
M17	21 13	27 9	4 28	15 35	1 43	15 42	1 13	5 54	0 3	23 12	0 9	10 23	2 16	12 5	0 29	16 46	1 42	21 27	13 34	16 45	16 30	24 59	8 55	0 20
T 18	21 23	25 47	4 56	16 14	1 33	16 4	1 11	5 57	0 1	23 12	0 9	10 25	2 16	12 4	0 29	16 46	1 42	21 27	13 34	16 44	16 29	25 0	8 54	0 21
W19	21 33	23 12	5 12	16 53	1 23	16 26	1 9	6 0	0s 1	23 13	0 9	10 27	2 16	12 4	0 29	16 47	1 42	21 27	13 34	16 44	16 28	25 2	8 52	0 21
T 20	21 42	19 32	5 14	17 32	1 13	16 47	1 7	6 3	0 3	23 13	0 9	10 30	2 16	12 3	0 29	16 47	1 42	21 27	13 35	16 43	16 27	25 3	8 51	0 21
F 21	21 51	14 55	5 1	18 10	1 2	17 8	1 5	6 6	0 6	23 13	0 9	10 32	2 16	12 3	0 29	16 48	1 42	21 28	13 35	16 43	16 26	25 5	8 50	0 22
S 22	22 0	9 32	4 32	18 48	0 51	17 29	1 3	6 10	0 8	23 14	0 8	10 34	2 16	12 2	0 29	16 48	1 42	21 28	13 36	16 43	16 25	25 6	8 49	0 22
S 23	22 8	3 34	3 48	19 26	0 41	17 49	1 1	6 14	0 10	23 14	0 8	10 36	2 17	12 1	0 29	16 49	1 42	21 28	13 36	16 43	16 24	25 8	8 48	0 22
M24	22 16	2n46	2 50	20 2	0 30	18 9	0 59	6 18	0 12	23 15	0 8	10 38	2 17	12 1	0 29	16 50	1 42	21 28	13 36	16 44	16 23	25 10	8 47	0 23
T 25	22 23	9 10	1 40	20 37	0 19	18 28	0 57	6 23	0 14	23 15	0 8	10 40	2 17	12 0	0 29	16 50	1 42	21 29	13 37	16 44	16 22	25 11	8 46	0 23
W26	22 30	15 16	0 21	21 11	0 8	18 47	0 55	6 27	0 16	23 15	0 8	10 42	2 17	12 0	0 29	16 51	1 42	21 29	13 37	16 44	16 21	25 13	8 45	0 23
T 27	22 37	20 36	1n 1	21 43	0n 3	19 5	0 53	6 32	0 18	23 16	0 8	10 44	2 17	11 59	0 29	16 51	1 42	21 29	13 37	16 44	16 20	25 14	8 44	0 24
F 28	22 44	24 39	2 19	22 14	0 14	19 23	0 51	6 37	0 20	23 16	0 8	10 46	2 17	11 59	0 29	16 52	1 42	21 30	13 38	16 44	16 19	25 16	8 43	0 24
S 29	22 49	26 57	3 28	22 42	0 24	19 40	0 49	6 43	0 22	23 17	0 8	10 48	2 17	11 58	0 29	16 52	1 42	21 30	13 38	16 43	16 18	25 17	8 42	0 24
S 30	22 55	27 13	4 22	23 9	0 34	19 57	0 47	6 48	0 23	23 17	0 7	10 50	2 17	11 57	0 29	16 53	1 42	21 30	13 38	16 41	16 18	25 19	8 41	0 25
M31	23n 0	25n31	4n57	23n33	0n44	20n13	0s44	6s54	0s25	23s17	0n 7	10n52	2s18	11s57	0n29	16n53	1s42	21s31	13s39	16n40	16n17	25s20	8s41	0n25

Julian Day Number = 2289872.5, Delta T = 164.19 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'48, Lahiri = 17°40'48 Julian Calendar 1 May 1557 == Greg. Calendar 11 May 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

JUNE 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 15 47	19♊29'12	12♌12	18♊42	4♊57	16♎43	4°R44	4♉33	2°R34	22♉52	7°R10	15°R56	14♉36	15♐37	23°R15	T 1
W 2	17 19 44	20°26'28	26°13	20°54	6°10	16°55	4♏37	4°39	2♏32	22°54	7♓10	15♉53	14°33	15°44	23♎13	W 2
T 3	17 23 41	21°23'43	9♍47	23° 5	7°23	17° 8	4°30	4°45	2°31	22°56	7°10	15°51	14°30	15°50	23°12	T 3
F 4	17 27 37	22°20'57	22°54	25°16	8°37	17°21	4°22	4°51	2°30	22°59	7°10	15°D50	14°27	15°57	23°11	F 4
S 5	17 31 34	23°18'10	5♎37	27°27	9°50	17°35	4°15	4°57	2°28	23° 1	7°10	15°51	14°24	16° 4	23°11	S 5
S 6	17 35 30	24°15'23	18° 1	29°36	11° 3	17°49	4° 7	5° 3	2°27	23° 2	7°10	15°52	14°21	16°10	23°10	S 6
M 7	17 39 27	25°12'35	0♏10	1♋44	12°17	18° 4	4° 0	5° 9	2°26	23° 4	7°10	15°54	14°17	16°17	23° 9	M 7
T 8	17 43 23	26° 9'47	12° 9	3°50	13°30	18°20	3°52	5°15	2°25	23° 6	7° 9	15°R55	14°14	16°24	23° 9	T 8
W 9	17 47 20	27° 6'58	24° 0	5°55	14°43	18°36	3°45	5°21	2°24	23° 8	7° 9	15°54	14°11	16°30	23° 9	W 9
T 10	17 51 16	28° 4'09	5♐49	7°59	15°57	18°53	3°37	5°26	2°23	23°10	7° 9	15°52	14° 8	16°37	23° 8	T 10
F 11	17 55 13	29° 1'19	17°37	10° 1	17°10	19°10	3°30	5°32	2°22	23°12	7° 8	15°48	14° 5	16°44	23° 8	F 11
S 12	17 59 10	29°58'30	29°28	12° 0	18°23	19°28	3°22	5°38	2°21	23°14	7° 8	15°43	14° 2	16°50	23°D 8	S 12
S 13	18 3 6	0♋55'40	11♑23	13°58	19°37	19°46	3°14	5°43	2°20	23°16	7° 8	15°35	13°58	16°57	23° 8	S 13
M14	18 7 3	1°52'50	23°24	15°54	20°50	20° 5	3° 7	5°49	2°19	23°18	7° 7	15°27	13°55	17° 4	23° 8	M14
T 15	18 10 59	2°50'00	5♒32	17°48	22° 4	20°24	2°59	5°54	2°18	23°20	7° 7	15°18	13°52	17°10	23° 9	T 15
W16	18 14 56	3°47'10	17°49	19°40	23°17	20°44	2°51	5°59	2°17	23°22	7° 7	15°10	13°49	17°17	23° 9	W16
T 17	18 18 52	4°44'20	0♓18	21°30	24°31	21° 4	2°44	6° 4	2°16	23°23	7° 6	15° 4	13°46	17°24	23°10	T 17
F 18	18 22 49	5°41'30	13° 0	23°18	25°44	21°25	2°36	6°10	2°16	23°25	7° 6	15° 0	13°42	17°30	23°10	F 18
S 19	18 26 45	6°38'40	25°58	25° 3	26°58	21°46	2°28	6°15	2°15	23°27	7° 5	14°57	13°39	17°37	23°11	S 19
S 20	18 30 42	7°35'51	9♈14	26°47	28°11	22° 7	2°21	6°20	2°14	23°29	7° 5	14°D57	13°36	17°44	23°12	S 20
M21	18 34 39	8°33'02	22°52	28°29	29°25	22°29	2°13	6°25	2°14	23°30	7° 4	14°57	13°33	17°50	23°13	M21
T 22	18 38 35	9°30'13	6♉53	0♌ 8	0♋38	22°52	2° 5	6°29	2°13	23°32	7° 4	14°58	13°30	17°57	23°14	T 22
W23	18 42 32	10°27'25	21°17	1°46	1°52	23°15	1°58	6°34	2°13	23°34	7° 3	14°R58	13°27	18° 4	23°15	W23
T 24	18 46 28	11°24'38	6♊ 1	3°21	3° 5	23°38	1°50	6°39	2°13	23°35	7° 2	14°56	13°23	18°10	23°16	T 24
F 25	18 50 25	12°21'51	21° 1	4°54	4°19	24° 2	1°43	6°44	2°12	23°37	7° 2	14°53	13°20	18°17	23°18	F 25
S 26	18 54 21	13°19'04	6♋ 9	6°26	5°33	24°26	1°35	6°48	2°12	23°39	7° 1	14°46	13°17	18°24	23°19	S 26
S 27	18 58 18	14°16'18	21°15	7°55	6°46	24°50	1°28	6°53	2°12	23°40	7° 1	14°38	13°14	18°30	23°21	S 27
M28	19 2 15	15°13'32	6♌10	9°22	8° 0	25°15	1°21	6°57	2°12	23°42	7° 0	14°29	13°11	18°37	23°23	M28
T 29	19 6 11	16°10'46	20°44	10°47	9°14	25°41	1°13	7° 1	2°11	23°43	6°59	14°20	13° 8	18°44	23°24	T 29
W30	19 10 8	17♋ 8'00	4♍52	12♌ 9	10♋27	26♎ 6	1♑ 6	7♉ 5	2♏11	23♉45	6♓58	14♉13	13♉ 4	18♐50	23♎26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	22n10	5n12	23n54	0n53	20n29	0s42	7s 0	0s27	23s18	0n 7	10n54	2s18	11s57	0n29	16n54	1s42	21s31	13s39	16n39	16n16	25s22	8s40	0n25
W 2	23 9	17 37	5 7	24 13	1 2	20 44	0 40	7 6	0 29	23 18	0 7	10 56	2 18	11 56	0 29	16 54	1 42	21 31	13 39	16 38	16 15	25 23	8 39	0 25
T 3	23 13	12 19	4 46	24 29	1 10	20 59	0 38	7 13	0 31	23 18	0 7	10 58	2 18	11 56	0 29	16 55	1 42	21 32	13 40	16 37	16 14	25 25	8 38	0 26
F 4	23 17	6 38	4 9	24 43	1 18	21 13	0 35	7 20	0 32	23 19	0 7	11 0	2 18	11 55	0 29	16 55	1 42	21 32	13 40	16 37	16 13	25 26	8 38	0 26
S 5	23 20	0 51	3 22	24 53	1 25	21 26	0 33	7 26	0 34	23 19	0 7	11 2	2 18	11 55	0 29	16 56	1 42	21 32	13 41	16 37	16 12	25 27	8 37	0 26
S 6	23 22	4s50	2 26	25 1	1 31	21 39	0 31	7 33	0 36	23 20	0 6	11 4	2 18	11 54	0 29	16 56	1 42	21 33	13 41	16 38	16 11	25 29	8 37	0 27
M 7	23 25	10 14	1 25	25 6	1 37	21 51	0 28	7 41	0 37	23 20	0 6	11 6	2 19	11 54	0 29	16 57	1 42	21 33	13 41	16 38	16 10	25 30	8 36	0 27
T 8	23 27	15 12	0 21	25 8	1 42	22 3	0 26	7 48	0 39	23 20	0 6	11 7	2 19	11 54	0 29	16 57	1 42	21 34	13 42	16 39	16 9	25 32	8 36	0 27
W 9	23 28	19 32	0s44	25 8	1 46	22 14	0 23	7 56	0 40	23 21	0 6	11 9	2 19	11 53	0 29	16 57	1 42	21 34	13 42	16 38	16 8	25 33	8 35	0 28
T 10	23 29	23 4	1 46	25 4	1 49	22 24	0 21	8 4	0 42	23 21	0 6	11 11	2 19	11 53	0 29	16 58	1 42	21 35	13 42	16 38	16 7	25 35	8 35	0 28
F 11	23 30	25 38	2 43	24 59	1 52	22 34	0 19	8 12	0 44	23 21	0 6	11 13	2 19	11 53	0 29	16 58	1 42	21 35	13 43	16 37	16 6	25 36	8 35	0 28
S 12	23 30	27 3	3 34	24 50	1 54	22 43	0 16	8 20	0 45	23 22	0 6	11 14	2 19	11 52	0 29	16 59	1 42	21 35	13 43	16 35	16 5	25 38	8 34	0 28
S 13	23 30	27 14	4 15	24 40	1 55	22 52	0 14	8 28	0 46	23 22	0 5	11 16	2 20	11 52	0 28	16 59	1 42	21 36	13 43	16 33	16 4	25 39	8 34	0 29
M14	23 29	26 9	4 45	24 27	1 55	23 0	0 11	8 36	0 48	23 22	0 5	11 18	2 20	11 52	0 28	17 0	1 42	21 36	13 44	16 30	16 3	25 40	8 34	0 29
T 15	23 28	23 49	5 3	24 13	1 55	23 7	0 9	8 45	0 49	23 23	0 5	11 19	2 20	11 51	0 28	17 0	1 42	21 37	13 44	16 28	16 2	25 42	8 34	0 29
W16	23 27	20 23	5 7	23 56	1 54	23 13	0 7	8 54	0 51	23 23	0 5	11 21	2 20	11 51	0 28	17 1	1 42	21 37	13 44	16 26	16 1	25 43	8 34	0 30
T 17	23 25	16 1	4 57	23 38	1 53	23 19	0 4	9 3	0 52	23 23	0 5	11 22	2 20	11 51	0 28	17 1	1 42	21 38	13 45	16 24	16 1	25 44	8 34	0 30
F 18	23 23	10 52	4 32	23 18	1 50	23 24	0 2	9 12	0 53	23 24	0 5	11 24	2 21	11 51	0 28	17 1	1 42	21 38	13 45	16 22	16 0	25 46	8 34	0 30
S 19	23 20	5 10	3 52	22 56	1 48	23 29	0n 1	9 21	0 55	23 24	0 5	11 25	2 21	11 51	0 28	17 2	1 42	21 39	13 45	16 22	15 59	25 47	8 34	0 30
S 20	23 17	0n55	3 0	22 33	1 44	23 32	0 3	9 30	0 56	23 24	0 4	11 27	2 21	11 50	0 28	17 2	1 42	21 39	13 46	16 22	15 58	25 49	8 34	0 31
M21	23 13	7 7	1 56	22 9	1 40	23 35	0 6	9 40	0 57	23 24	0 4	11 28	2 21	11 50	0 28	17 3	1 42	21 40	13 46	16 22	15 57	25 50	8 34	0 31
T 22	23 9	13 10	0 43	21 44	1 35	23 38	0 8	9 49	0 58	23 25	0 4	11 30	2 21	11 50	0 28	17 3	1 42	21 40	13 46	16 22	15 56	25 51	8 34	0 31
W23	23 5	18 40	0n34	21 17	1 30	23 40	0 10	9 59	1 0	23 25	0 4	11 31	2 21	11 50	0 28	17 3	1 42	21 41	13 47	16 22	15 55	25 53	8 34	0 32
T 24	23 0	23 11	1 50	20 50	1 25	23 41	0 13	10 8	1 1	23 25	0 4	11 32	2 22	11 50	0 28	17 4	1 43	21 41	13 47	16 22	15 54	25 54	8 34	0 32
F 25	22 55	26 12	3 1	20 21	1 19	23 41	0 15	10 18	1 2	23 26	0 4	11 34	2 22	11 50	0 28	17 4	1 43	21 42	13 47	16 20	15 53	25 55	8 35	0 32
S 26	22 50	27 20	3 59	19 52	1 12	23 40	0 18	10 28	1 3	23 26	0 4	11 35	2 22	11 50	0 28	17 4	1 43	21 42	13 48	16 19	15 52	25 57	8 35	0 32
S 27	22 44	26 25	4 40	19 23	1 5	23 39	0 20	10 38	1 4	23 26	0 3	11 36	2 22	11 50	0 28	17 5	1 43	21 43	13 48	16 16	15 51	25 58	8 35	0 33
M28	22 38	23 38	5 1	18 52	0 57	23 38	0 22	10 49	1 5	23 26	0 3	11 37	2 23	11 50	0 28	17 5	1 43	21 43	13 48	16 13	15 50	25 59	8 36	0 33
T 29	22 31	19 23	5 2	18 22	0 49	23 35	0 24	10 59	1 7	23 26	0 3	11 39	2 23	11 50	0 28	17 5	1 43	21 44	13 48	16 11	15 49	26 1	8 36	0 33
W30	22n24	14n10	4n45	17n51	0n41	23n32	0n27	11s 9	1s 8	23s27	0n 3	11n40	2s23	11s50	0n28	17n 6	1s43	21s44	13s49	16n 9	15n48	26s 2	8s36	0n33

Julian Day Number = 2289903.5, Delta T = 164.01 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'52, Lahiri = 17°40'52 Julian Calendar 1 June 1557 == Greg. Calendar 11 June 1557

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1557
geocentric

JULY 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 14 4	18♋ 5'14	18♍31	13♌30	11♋41	26♎33	0°R59	7♉10	2°D11	23♉46	6°R58	14°R 7	13♉ 1	18♐57	23♎28	T 1
F 2	19 18 1	19° 2'29	1♎42	14°48	12°55	26°59	0♏52	7°14	2♏11	23°48	6♓57	14♉ 4	12°58	19° 4	23°31	F 2
S 3	19 21 57	19°59'44	14°27	16° 4	14° 9	27°26	0°45	7°18	2°11	23°49	6°56	14° 2	12°55	19°10	23°33	S 3
S 4	19 25 54	20°56'58	26°50	17°17	15°22	27°53	0°38	7°21	2°12	23°51	6°55	14°D 2	12°52	19°17	23°35	S 4
M 5	19 29 50	21°54'14	8♏57	18°28	16°36	28°20	0°32	7°25	2°12	23°52	6°55	14°R 3	12°48	19°24	23°38	M 5
T 6	19 33 47	22°51'29	20°53	19°37	17°50	28°48	0°25	7°29	2°12	23°53	6°54	14° 3	12°45	19°30	23°40	T 6
W 7	19 37 44	23°48'45	2♐43	20°43	19° 4	29°16	0°19	7°33	2°12	23°55	6°53	14° 1	12°42	19°37	23°43	W 7
T 8	19 41 40	24°46'01	14°31	21°46	20°17	29°45	0°12	7°36	2°13	23°56	6°52	13°57	12°39	19°44	23°46	T 8
F 9	19 45 37	25°43'18	26°21	22°46	21°31	0♑13	0° 6	7°40	2°13	23°57	6°51	13°51	12°36	19°50	23°49	F 9
S 10	19 49 33	26°40'35	8♑16	23°44	22°45	0°43	29♐59	7°43	2°13	23°58	6°50	13°41	12°33	19°57	23°52	S 10
S 11	19 53 30	27°37'53	20°18	24°38	23°59	1°12	29°54	7°46	2°14	24° 0	6°49	13°30	12°29	20° 4	23°55	S 11
M12	19 57 26	28°35'12	2♒30	25°30	25°13	1°42	29°48	7°49	2°14	24° 1	6°49	13°18	12°26	20°10	23°58	M12
T 13	20 1 23	29°32'32	14°51	26°18	26°27	2°12	29°42	7°52	2°15	24° 2	6°48	13° 5	12°23	20°17	24° 1	T 13
W14	20 5 19	0♌29'52	27°22	27° 3	27°41	2°42	29°36	7°55	2°16	24° 3	6°47	12°53	12°20	20°24	24° 4	W14
T 15	20 9 16	1°27'13	10♓ 4	27°44	28°55	3°12	29°31	7°58	2°16	24° 4	6°46	12°43	12°17	20°30	24° 8	T 15
F 16	20 13 13	2°24'35	22°57	28°21	0♌ 9	3°43	29°25	8° 1	2°17	24° 5	6°45	12°35	12°14	20°37	24°11	F 16
S 17	20 17 9	3°21'59	6♈ 3	28°55	1°23	4°14	29°20	8° 4	2°18	24° 6	6°44	12°31	12°10	20°44	24°15	S 17
S 18	20 21 6	4°19'23	19°23	29°24	2°37	4°45	29°15	8° 6	2°19	24° 7	6°43	12°28	12° 7	20°50	24°19	S 18
M19	20 25 2	5°16'49	2♉59	29°49	3°51	5°17	29°10	8° 9	2°20	24° 8	6°42	12°28	12° 4	20°57	24°23	M19
T 20	20 28 59	6°14'16	16°52	0♍10	5° 5	5°49	29° 5	8°11	2°21	24° 9	6°41	12°28	12° 1	21° 4	24°27	T 20
W21	20 32 55	7°11'45	1♊ 2	0°25	6°19	6°21	29° 1	8°13	2°22	24°10	6°40	12°27	11°58	21°10	24°31	W21
T 22	20 36 52	8° 9'15	15°30	0°36	7°33	6°53	28°56	8°16	2°23	24°11	6°39	12°25	11°54	21°17	24°35	T 22
F 23	20 40 48	9° 6'46	0♋11	0°42	8°47	7°26	28°52	8°18	2°24	24°12	6°37	12°19	11°51	21°24	24°39	F 23
S 24	20 44 45	10° 4'18	15° 0	0°R43	10° 1	7°59	28°48	8°20	2°25	24°13	6°36	12°12	11°48	21°31	24°44	S 24
S 25	20 48 42	11° 1'52	29°51	0°38	11°15	8°32	28°44	8°22	2°26	24°14	6°35	12° 1	11°45	21°37	24°48	S 25
M26	20 52 38	11°59'27	14♌33	0°28	12°29	9° 5	28°40	8°23	2°27	24°15	6°34	11°50	11°42	21°44	24°52	M26
T 27	20 56 35	12°57'03	29° 0	0°13	13°44	9°39	28°36	8°25	2°29	24°15	6°33	11°39	11°39	21°51	24°57	T 27
W28	21 0 31	13°54'41	13♍ 4	29♌52	14°58	10°13	28°33	8°27	2°30	24°16	6°32	11°29	11°35	21°57	25° 2	W28
T 29	21 4 28	14°52'19	26°43	29°25	16°12	10°47	28°29	8°28	2°32	24°17	6°31	11°21	11°32	22° 4	25° 7	T 29
F 30	21 8 24	15°49'58	9♎55	28°54	17°26	11°21	28°26	8°29	2°33	24°17	6°30	11°16	11°29	22°11	25°11	F 30
S 31	21 12 21	16♌47'38	22♎42	28♌17	18♌40	11♏56	28♐23	8♉31	2♏34	24♉18	6♓28	11♉13	11♉26	22♐17	25♎16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n16	8n25	4n12	17n19	0n32	23n28	0n29	11s20	1s 9	23s27	0n 3	11n41	2s23	11s50	0n28	17n 6	1s43	21s45	13s49	16n 7	15n47	26s 3	8s37	0n34
F 2	22 9	2 28	3 26	16 48	0 23	23 23	0 31	11 30	1 10	23 27	0 3	11 42	2 23	11 50	0 28	17 6	1 43	21 45	13 49	16 6	15 46	26 4	8 38	0 34
S 3	22 0	3s23	2 31	16 16	0 13	23 18	0 33	11 41	1 11	23 27	0 3	11 43	2 24	11 50	0 28	17 7	1 43	21 46	13 50	16 5	15 45	26 6	8 38	0 34
S 4	21 52	8 58	1 30	15 44	0 3	23 12	0 36	11 52	1 12	23 27	0 2	11 44	2 24	11 50	0 28	17 7	1 43	21 47	13 50	16 5	15 44	26 7	8 39	0 34
M 5	21 43	14 5	0 27	15 13	0s 7	23 5	0 38	12 2	1 13	23 28	0 2	11 45	2 24	11 50	0 28	17 7	1 43	21 47	13 50	16 6	15 43	26 8	8 39	0 35
T 6	21 33	18 36	0s36	14 41	0 18	22 58	0 40	12 13	1 14	23 28	0 2	11 46	2 24	11 50	0 28	17 8	1 43	21 48	13 50	16 6	15 42	26 9	8 40	0 35
W 7	21 24	22 21	1 38	14 10	0 29	22 50	0 42	12 24	1 15	23 28	0 2	11 47	2 24	11 50	0 28	17 8	1 43	21 48	13 51	16 5	15 41	26 11	8 41	0 35
T 8	21 14	25 9	2 34	13 39	0 40	22 41	0 44	12 35	1 16	23 28	0 2	11 48	2 25	11 50	0 28	17 8	1 43	21 49	13 51	16 4	15 40	26 12	8 42	0 36
F 9	21 3	26 51	3 25	13 9	0 51	22 32	0 46	12 46	1 16	23 28	0 2	11 49	2 25	11 50	0 28	17 8	1 43	21 49	13 51	16 2	15 39	26 13	8 43	0 36
S 10	20 52	27 20	4 6	12 39	1 3	22 22	0 48	12 57	1 17	23 28	0 2	11 50	2 25	11 51	0 28	17 9	1 43	21 50	13 51	15 59	15 38	26 14	8 43	0 36
S 11	20 41	26 31	4 37	12 10	1 15	22 11	0 50	13 8	1 18	23 29	0 1	11 51	2 25	11 51	0 28	17 9	1 43	21 51	13 52	15 56	15 37	26 16	8 44	0 36
M12	20 30	24 27	4 55	11 41	1 27	22 0	0 52	13 20	1 19	23 29	0 1	11 51	2 26	11 51	0 28	17 9	1 43	21 51	13 52	15 52	15 36	26 17	8 45	0 37
T 13	20 18	21 12	5 1	11 13	1 39	21 48	0 54	13 31	1 20	23 29	0 1	11 52	2 26	11 51	0 27	17 9	1 43	21 52	13 52	15 48	15 36	26 18	8 46	0 37
W14	20 6	16 58	4 51	10 47	1 52	21 35	0 55	13 42	1 21	23 29	0 1	11 53	2 26	11 52	0 27	17 10	1 43	21 52	13 52	15 45	15 35	26 19	8 47	0 37
T 15	19 53	11 56	4 28	10 21	2 4	21 22	0 57	13 53	1 21	23 29	0 1	11 54	2 26	11 52	0 27	17 10	1 43	21 53	13 53	15 42	15 34	26 20	8 48	0 37
F 16	19 40	6 19	3 50	9 56	2 16	21 8	0 59	14 5	1 22	23 29	0 1	11 54	2 27	11 52	0 27	17 10	1 44	21 53	13 53	15 39	15 33	26 22	8 49	0 38
S 17	19 27	0 21	3 0	9 33	2 29	20 53	1 1	14 16	1 23	23 29	0 1	11 55	2 27	11 52	0 27	17 10	1 44	21 54	13 53	15 38	15 32	26 23	8 50	0 38
S 18	19 14	5n46	1 59	9 11	2 41	20 38	1 2	14 27	1 24	23 29	0 0	11 55	2 27	11 53	0 27	17 11	1 44	21 55	13 53	15 37	15 31	26 24	8 52	0 38
M19	19 0	11 45	0 50	8 51	2 54	20 22	1 4	14 39	1 24	23 29	0 0	11 56	2 27	11 53	0 27	17 11	1 44	21 55	13 54	15 37	15 30	26 25	8 53	0 38
T 20	18 46	17 17	0n23	8 33	3 6	20 6	1 5	14 50	1 25	23 30	0 0	11 57	2 28	11 53	0 27	17 11	1 44	21 56	13 54	15 37	15 29	26 26	8 54	0 39
W21	18 31	21 59	1 37	8 16	3 18	19 49	1 7	15 1	1 26	23 30	0 0	11 57	2 28	11 54	0 27	17 11	1 44	21 56	13 54	15 37	15 28	26 27	8 55	0 39
T 22	18 16	25 26	2 45	8 1	3 29	19 32	1 8	15 13	1 27	23 30	0s 0	11 58	2 28	11 54	0 27	17 11	1 44	21 57	13 54	15 36	15 27	26 28	8 57	0 39
F 23	18 1	27 13	3 44	7 49	3 41	19 14	1 10	15 24	1 27	23 30	0 0	11 58	2 28	11 55	0 27	17 11	1 44	21 58	13 54	15 34	15 26	26 30	8 58	0 39
S 24	17 46	27 5	4 28	7 38	3 51	18 55	1 11	15 35	1 28	23 30	0 0	11 58	2 28	11 55	0 27	17 12	1 44	21 58	13 55	15 32	15 25	26 31	8 59	0 40
S 25	17 30	25 1	4 54	7 31	4 1	18 36	1 12	15 47	1 29	23 30	0 1	11 59	2 29	11 55	0 27	17 12	1 44	21 59	13 55	15 29	15 24	26 32	9 1	0 40
M26	17 14	21 17	5 0	7 25	4 11	18 16	1 13	15 58	1 29	23 30	0 1	11 59	2 29	11 56	0 27	17 12	1 44	21 59	13 55	15 25	15 23	26 33	9 2	0 40
T 27	16 58	16 20	4 47	7 23	4 19	17 56	1 15	16 9	1 30	23 30	0 1	11 59	2 29	11 56	0 27	17 12	1 44	22 0	13 55	15 22	15 22	26 34	9 4	0 40
W28	16 42	10 37	4 16	7 23	4 27	17 36	1 16	16 21	1 30	23 30	0 1	12 0	2 29	11 57	0 27	17 12	1 44	22 1	13 55	15 19	15 21	26 35	9 5	0 40
T 29	16 25	4 33	3 32	7 26	4 33	17 14	1 17	16 32	1 31	23 30	0 1	12 0	2 30	11 57	0 27	17 12	1 44	22 1	13 55	15 16	15 20	26 36	9 7	0 41
F 30	16 8	1s31	2 37	7 32	4 38	16 53	1 18	16 43	1 32	23 31	0 1	12 0	2 30	11 58	0 27	17 12	1 44	22 2	13 56	15 15	15 19	26 37	9 8	0 41
S 31	15n50	7s21	1n36	7n41	4s42	16n31	1n19	16s55	1s32	23s31	0s 1	12n 0	2s30	11s59	0n27	17n12	1s44	22s 2	13s56	15n14	15n18	26s38	9s10	0n41

Julian Day Number = 2289933.5, Delta T = 163.84 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'56, Lahiri = 17°40'56 Julian Calendar 1 July 1557 == Greg. Calendar 11 July 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

AUGUST 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 16 17	17♌45'20	5♏ 7	27°R36	19♌55	12♏30	28°R21	8♉32	2♏36	24♉19	6°R27	11°R12	11♉23	22♐24	25♎21	S 1
M 2	21 20 14	18°43'02	17°15	26♌52	21° 9	13° 5	28♐18	8°33	2°38	24°19	6♓26	11♉12	11°20	22°31	25°27	M 2
T 3	21 24 11	19°40'46	29°11	26° 3	22°23	13°40	28°16	8°34	2°39	24°20	6°25	11°12	11°16	22°37	25°32	T 3
W 4	21 28 7	20°38'31	11♐ 2	25°13	23°37	14°16	28°13	8°35	2°41	24°20	6°24	11°10	11°13	22°44	25°37	W 4
T 5	21 32 4	21°36'17	22°51	24°20	24°52	14°51	28°11	8°35	2°43	24°21	6°23	11° 7	11°10	22°51	25°42	T 5
F 6	21 36 0	22°34'04	4♑44	23°27	26° 6	15°27	28° 9	8°36	2°45	24°21	6°21	11° 0	11° 7	22°57	25°48	F 6
S 7	21 39 57	23°31'52	16°45	22°35	27°20	16° 3	28° 8	8°36	2°46	24°21	6°20	10°52	11° 4	23° 4	25°53	S 7
S 8	21 43 53	24°29'42	28°55	21°44	28°35	16°39	28° 6	8°37	2°48	24°22	6°19	10°41	11° 0	23°11	25°59	S 8
M 9	21 47 50	25°27'33	11♒18	20°55	29°49	17°16	28° 5	8°37	2°50	24°22	6°18	10°28	10°57	23°17	26° 5	M 9
T 10	21 51 46	26°25'26	23°54	20°10	1♍ 3	17°52	28° 4	8°37	2°52	24°22	6°16	10°16	10°54	23°24	26°10	T 10
W11	21 55 43	27°23'20	6♓43	19°30	2°17	18°29	28° 3	8°R38	2°54	24°23	6°15	10° 4	10°51	23°31	26°16	W11
T 12	21 59 40	28°21'15	19°44	18°55	3°32	19° 6	28° 2	8°37	2°56	24°23	6°14	9°54	10°48	23°37	26°22	T 12
F 13	22 3 36	29°19'13	2♈57	18°26	4°46	19°43	28° 2	8°37	2°58	24°23	6°13	9°47	10°45	23°44	26°28	F 13
S 14	22 7 33	0♍17'12	16°21	18° 5	6° 1	20°20	28° 1	8°37	3° 0	24°23	6°11	9°42	10°41	23°51	26°34	S 14
S 15	22 11 29	1°15'13	29°55	17°51	7°15	20°57	28°D 1	8°37	3° 3	24°23	6°10	9°40	10°38	23°57	26°40	S 15
M16	22 15 26	2°13'16	13♉39	17°D45	8°29	21°35	28° 1	8°36	3° 5	24°23	6° 9	9°D40	10°35	24° 4	26°46	M16
T 17	22 19 22	3°11'21	27°33	17°48	9°44	22°13	28° 1	8°36	3° 7	24°24	6° 8	9°R40	10°32	24°11	26°53	T 17
W18	22 23 19	4° 9'28	11♊37	17°59	10°58	22°50	28° 2	8°35	3°10	24°R24	6° 6	9°40	10°29	24°17	26°59	W18
T 19	22 27 15	5° 7'37	25°51	18°19	12°13	23°29	28° 3	8°34	3°12	24°24	6° 5	9°38	10°25	24°24	27° 5	T 19
F 20	22 31 12	6° 5'48	10♋13	18°47	13°27	24° 7	28° 3	8°34	3°14	24°24	6° 4	9°34	10°22	24°31	27°12	F 20
S 21	22 35 9	7° 4'01	24°39	19°24	14°42	24°45	28° 4	8°33	3°17	24°23	6° 3	9°28	10°19	24°38	27°18	S 21
S 22	22 39 5	8° 2'17	9♌ 4	20° 9	15°56	25°24	28° 5	8°32	3°19	24°23	6° 1	9°20	10°16	24°44	27°25	S 22
M23	22 43 2	9° 0'34	23°23	21° 1	17°11	26° 2	28° 7	8°30	3°22	24°23	6° 0	9°10	10°13	24°51	27°32	M23
T 24	22 46 58	9°58'53	7♍29	22° 2	18°25	26°41	28° 8	8°29	3°24	24°23	5°59	9° 0	10°10	24°58	27°38	T 24
W25	22 50 55	10°57'13	21°19	23° 9	19°40	27°20	28°10	8°28	3°27	24°23	5°58	8°52	10° 6	25° 4	27°45	W25
T 26	22 54 51	11°55'36	4♎47	24°22	20°54	28° 0	28°12	8°26	3°30	24°23	5°56	8°45	10° 3	25°11	27°52	T 26
F 27	22 58 48	12°54'00	17°53	25°42	22° 9	28°39	28°14	8°25	3°32	24°22	5°55	8°41	10° 0	25°18	27°59	F 27
S 28	23 2 44	13°52'26	0♏37	27° 7	23°23	29°18	28°16	8°23	3°35	24°22	5°54	8°39	9°57	25°24	28° 6	S 28
S 29	23 6 41	14°50'53	13° 2	28°37	24°38	29°58	28°19	8°21	3°38	24°22	5°53	8°D38	9°54	25°31	28°13	S 29
M30	23 10 38	15°49'23	25°11	0♍11	25°52	0♐38	28°22	8°19	3°40	24°21	5°51	8°39	9°51	25°38	28°20	M30
T 31	23 14 34	16♍47'54	7♐ 8	1♍48	27♍ 7	1♐18	28♐24	8♉17	3♏43	24♉21	5♓50	8♉40	9♉47	25♐44	28♎27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n33	12s45	0n32	7n53	4s44	16n 8	1n20	17s 6	1s33	23s31	0s 1	12n 0	2s30	11s59	0n27	17n13	1s44	22s 3	13s56	15n14	15n17	26s39	9s11	0n41
M 2	15 15	17 32	0s32	8 8	4 44	15 45	1 20	17 17	1 33	23 31	0 2	12 0	2 31	12 0	0 27	17 13	1 44	22 3	13 56	15 14	15 16	26 40	9 13	0 42
T 3	14 57	21 33	1 34	8 26	4 43	15 22	1 21	17 28	1 34	23 31	0 2	12 1	2 31	12 0	0 27	17 13	1 44	22 4	13 56	15 13	15 15	26 41	9 15	0 42
W 4	14 39	24 39	2 31	8 46	4 39	14 58	1 22	17 39	1 34	23 31	0 2	12 1	2 31	12 1	0 27	17 13	1 45	22 5	13 56	15 13	15 14	26 43	9 16	0 42
T 5	14 20	26 40	3 22	9 8	4 34	14 34	1 22	17 51	1 35	23 31	0 2	12 1	2 31	12 1	0 27	17 13	1 45	22 5	13 56	15 12	15 13	26 44	9 18	0 42
F 6	14 2	27 28	4 3	9 32	4 27	14 9	1 23	18 2	1 35	23 31	0 2	12 1	2 32	12 2	0 27	17 13	1 45	22 6	13 57	15 10	15 12	26 45	9 20	0 43
S 7	13 43	27 0	4 35	9 57	4 18	13 44	1 23	18 13	1 36	23 31	0 2	12 0	2 32	12 3	0 27	17 13	1 45	22 6	13 57	15 7	15 11	26 46	9 22	0 43
S 8	13 23	25 14	4 55	10 24	4 7	13 19	1 24	18 23	1 36	23 31	0 2	12 0	2 32	12 3	0 27	17 13	1 45	22 7	13 57	15 4	15 10	26 47	9 23	0 43
M 9	13 4	22 15	5 1	10 51	3 55	12 53	1 24	18 34	1 37	23 32	0 2	12 0	2 32	12 4	0 27	17 13	1 45	22 7	13 57	15 0	15 9	26 48	9 25	0 43
T 10	12 44	18 11	4 53	11 18	3 41	12 27	1 25	18 45	1 37	23 32	0 3	12 0	2 33	12 5	0 27	17 13	1 45	22 8	13 57	14 56	15 8	26 49	9 27	0 44
W11	12 25	13 14	4 30	11 45	3 26	12 0	1 25	18 56	1 37	23 32	0 3	12 0	2 33	12 6	0 27	17 13	1 45	22 9	13 57	14 52	15 7	26 50	9 29	0 44
T 12	12 5	7 38	3 52	12 11	3 9	11 33	1 25	19 6	1 38	23 32	0 3	12 0	2 33	12 6	0 27	17 13	1 45	22 9	13 57	14 49	15 6	26 51	9 31	0 44
F 13	11 44	1 36	3 2	12 37	2 52	11 6	1 25	19 17	1 38	23 32	0 3	11 59	2 33	12 7	0 27	17 13	1 45	22 10	13 57	14 47	15 5	26 52	9 33	0 44
S 14	11 24	4n35	2 1	13 0	2 34	10 39	1 25	19 27	1 39	23 32	0 3	11 59	2 34	12 8	0 26	17 13	1 45	22 10	13 57	14 45	15 4	26 53	9 35	0 45
S 15	11 3	10 40	0 52	13 22	2 16	10 11	1 25	19 38	1 39	23 32	0 3	11 59	2 34	12 9	0 26	17 13	1 45	22 11	13 57	14 45	15 3	26 54	9 37	0 45
M16	10 43	16 19	0n21	13 42	1 57	9 43	1 25	19 48	1 39	23 32	0 3	11 58	2 34	12 9	0 26	17 13	1 45	22 11	13 57	14 45	15 2	26 54	9 39	0 45
T 17	10 22	21 11	1 34	13 59	1 38	9 15	1 25	19 58	1 40	23 32	0 3	11 58	2 34	12 10	0 26	17 13	1 45	22 12	13 57	14 45	15 1	26 55	9 41	0 45
W18	10 1	24 54	2 41	14 13	1 20	8 47	1 25	20 8	1 40	23 33	0 4	11 57	2 35	12 11	0 26	17 13	1 45	22 12	13 58	14 45	15 0	26 56	9 43	0 45
T 19	9 39	27 6	3 40	14 24	1 1	8 18	1 24	20 18	1 40	23 33	0 4	11 57	2 35	12 12	0 26	17 13	1 45	22 13	13 58	14 44	14 59	26 57	9 45	0 46
F 20	9 18	27 31	4 25	14 32	0 44	7 49	1 24	20 28	1 41	23 33	0 4	11 56	2 35	12 13	0 26	17 13	1 45	22 13	13 58	14 43	14 58	26 58	9 47	0 46
S 21	8 56	26 4	4 54	14 37	0 27	7 20	1 24	20 38	1 41	23 33	0 4	11 56	2 35	12 14	0 26	17 13	1 45	22 14	13 58	14 41	14 57	26 59	9 49	0 46
S 22	8 35	22 55	5 4	14 38	0 10	6 50	1 23	20 48	1 41	23 33	0 4	11 55	2 36	12 14	0 26	17 13	1 46	22 14	13 58	14 38	14 56	27 0	9 51	0 46
M23	8 13	18 23	4 55	14 36	0n 5	6 21	1 23	20 57	1 41	23 33	0 4	11 55	2 36	12 15	0 26	17 12	1 46	22 15	13 58	14 35	14 55	27 1	9 54	0 47
T 24	7 51	12 55	4 28	14 30	0 19	5 51	1 22	21 7	1 42	23 33	0 4	11 54	2 36	12 16	0 26	17 12	1 46	22 15	13 58	14 32	14 54	27 2	9 56	0 47
W25	7 29	6 54	3 45	14 21	0 33	5 21	1 21	21 16	1 42	23 34	0 4	11 54	2 36	12 17	0 26	17 12	1 46	22 16	13 58	14 29	14 53	27 3	9 58	0 47
T 26	7 6	0 43	2 51	14 8	0 45	4 51	1 21	21 25	1 42	23 34	0 4	11 53	2 37	12 18	0 26	17 12	1 46	22 16	13 58	14 27	14 52	27 4	10 0	0 47
F 27	6 44	5s21	1 49	13 52	0 57	4 21	1 20	21 34	1 42	23 34	0 5	11 52	2 37	12 19	0 26	17 12	1 46	22 17	13 58	14 26	14 51	27 4	10 3	0 48
S 28	6 22	11 3	0 43	13 33	1 7	3 51	1 19	21 43	1 42	23 34	0 5	11 51	2 37	12 20	0 26	17 12	1 46	22 17	13 58	14 25	14 50	27 5	10 5	0 48
S 29	5 59	16 10	0s24	13 10	1 16	3 20	1 18	21 52	1 43	23 34	0 5	11 51	2 37	12 21	0 26	17 12	1 46	22 18	13 58	14 25	14 49	27 6	10 7	0 48
M30	5 36	20 32	1 28	12 44	1 24	2 50	1 17	22 1	1 43	23 34	0 5	11 50	2 37	12 22	0 26	17 12	1 46	22 18	13 58	14 25	14 48	27 7	10 9	0 48
T 31	5n13	23s59	2s27	12n16	1n31	2n19	1n16	22s 9	1s43	23s34	0s 5	11n49	2s38	12s23	0n26	17n11	1s46	22s19	13s58	14n26	14n47	27s 8	10s12	0n49

Julian Day Number = 2289964.5, Delta T = 163.66 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'00, Lahiri = 17°41'01 Julian Calendar 1 Aug. 1557 == Greg. Calendar 11 Aug. 1557

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SEPTEMBER 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 18 31	17♍46'26	19♐ 0	3♍29	28♍21	1♐58	28♐28	8°R15	3♏46	24°R20	5°R49	8°R41	9♉44	25♐51	28♎34	W 1
T 2	23 22 27	18°45'01	0♑51	5°13	29°36	2°38	28°31	8♉13	3°49	24♉20	5♓48	8♉40	9°41	25°58	28°41	T 2
F 3	23 26 24	19°43'37	12°46	6°58	0♎50	3°18	28°34	8°11	3°52	24°20	5°47	8°37	9°38	26° 4	28°49	F 3
S 4	23 30 20	20°42'15	24°49	8°45	2° 5	3°59	28°38	8° 8	3°55	24°19	5°45	8°32	9°35	26°11	28°56	S 4
S 5	23 34 17	21°40'54	7♒ 5	10°34	3°19	4°39	28°41	8° 6	3°58	24°18	5°44	8°26	9°31	26°18	29° 3	S 5
M 6	23 38 13	22°39'35	19°37	12°23	4°34	5°20	28°45	8° 3	4° 1	24°18	5°43	8°18	9°28	26°25	29°11	M 6
T 7	23 42 10	23°38'19	2♓25	14°13	5°48	6° 1	28°50	8° 0	4° 4	24°17	5°42	8°10	9°25	26°31	29°18	T 7
W 8	23 46 7	24°37'03	15°31	16° 3	7° 3	6°42	28°54	7°58	4° 7	24°17	5°41	8° 2	9°22	26°38	29°26	W 8
T 9	23 50 3	25°35'50	28°53	17°54	8°17	7°23	28°58	7°55	4°10	24°16	5°39	7°56	9°19	26°45	29°33	T 9
F 10	23 54 0	26°34'39	12♈30	19°44	9°32	8° 4	29° 3	7°52	4°13	24°15	5°38	7°52	9°16	26°51	29°41	F 10
S 11	23 57 56	27°33'30	26°19	21°34	10°47	8°46	29° 8	7°49	4°16	24°14	5°37	7°49	9°12	26°58	29°48	S 11
S 12	0 1 53	28°32'24	10♉16	23°24	12° 1	9°27	29°13	7°46	4°20	24°14	5°36	7°D49	9° 9	27° 5	29°56	S 12
M13	0 5 49	29°31'19	24°20	25°13	13°16	10° 9	29°18	7°43	4°23	24°13	5°35	7°50	9° 6	27°11	0♏ 4	M13
T 14	0 9 46	0♎30'17	8♊28	27° 2	14°30	10°50	29°23	7°39	4°26	24°12	5°34	7°51	9° 3	27°18	0°12	T 14
W15	0 13 42	1°29'17	22°38	28°50	15°45	11°32	29°29	7°36	4°29	24°11	5°33	7°52	9° 0	27°25	0°19	W15
T 16	0 17 39	2°28'20	6♋48	0♎38	16°59	12°14	29°34	7°32	4°33	24°10	5°32	7°R52	8°57	27°31	0°27	T 16
F 17	0 21 36	3°27'25	20°57	2°24	18°14	12°56	29°40	7°29	4°36	24° 9	5°30	7°51	8°53	27°38	0°35	F 17
S 18	0 25 32	4°26'33	5♌ 3	4°10	19°28	13°38	29°46	7°25	4°39	24° 8	5°29	7°48	8°50	27°45	0°43	S 18
S 19	0 29 29	5°25'42	19° 3	5°55	20°43	14°20	29°52	7°22	4°43	24° 7	5°28	7°44	8°47	27°51	0°51	S 19
M20	0 33 25	6°24'54	2♍54	7°40	21°58	15° 3	29°58	7°18	4°46	24° 6	5°27	7°40	8°44	27°58	0°59	M20
T 21	0 37 22	7°24'08	16°33	9°23	23°12	15°45	0♑ 5	7°14	4°50	24° 5	5°26	7°35	8°41	28° 5	1° 7	T 21
W22	0 41 18	8°23'25	29°59	11° 6	24°27	16°28	0°11	7°10	4°53	24° 4	5°25	7°30	8°37	28°12	1°15	W22
T 23	0 45 15	9°22'43	13♎ 8	12°48	25°41	17°10	0°18	7° 6	4°56	24° 3	5°24	7°27	8°34	28°18	1°23	T 23
F 24	0 49 11	10°22'03	26° 0	14°29	26°56	17°53	0°25	7° 2	5° 0	24° 2	5°23	7°25	8°31	28°25	1°31	F 24
S 25	0 53 8	11°21'26	8♏36	16°10	28°10	18°36	0°32	6°58	5° 3	24° 1	5°22	7°D25	8°28	28°32	1°39	S 25
S 26	0 57 4	12°20'50	20°56	17°50	29°25	19°19	0°39	6°54	5° 7	24° 0	5°21	7°25	8°25	28°38	1°47	S 26
M27	1 1 1	13°20'17	3♐ 2	19°29	0♏40	20° 2	0°46	6°50	5°10	23°59	5°20	7°27	8°22	28°45	1°55	M27
T 28	1 4 58	14°19'45	15° 0	21° 7	1°54	20°45	0°54	6°46	5°14	23°57	5°19	7°28	8°18	28°52	2° 4	T 28
W29	1 8 54	15°19'15	26°51	22°45	3° 9	21°29	1° 2	6°41	5°18	23°56	5°18	7°30	8°15	28°58	2°12	W29
T 30	1 12 51	16♎18'47	8♑42	24♎22	4♏23	22♐12	1♑ 9	6♉37	5♏21	23♉55	5♓18	7♉31	8♉12	29♐ 5	2♏20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n51	26s22	3s20	11n45	1n36	1n48	1n15	22s17	1s43	23s35	0s 5	11n48	2s38	12s24	0n26	17n11	1s46	22s19	13s58	14n26	14n46	27s 9	10s14	0n49
T 2	4 28	27 33	4 4	11 11	1 41	1 17	1 14	22 26	1 43	23 35	0 5	11 47	2 38	12 25	0 26	17 11	1 46	22 19	13 58	14 25	14 45	27 10	10 16	0 49
F 3	4 5	27 29	4 37	10 36	1 45	0 47	1 13	22 34	1 43	23 35	0 5	11 46	2 38	12 26	0 26	17 11	1 46	22 20	13 57	14 25	14 44	27 10	10 19	0 49
S 4	3 42	26 7	4 59	9 58	1 48	0 16	1 11	22 42	1 44	23 35	0 5	11 45	2 38	12 27	0 26	17 11	1 46	22 20	13 57	14 23	14 43	27 11	10 21	0 49
S 5	3 18	23 30	5 8	9 19	1 49	0s15	1 10	22 49	1 44	23 35	0 6	11 44	2 39	12 28	0 26	17 11	1 46	22 21	13 57	14 21	14 42	27 12	10 23	0 50
M 6	2 55	19 45	5 2	8 38	1 51	0 46	1 9	22 57	1 44	23 35	0 6	11 43	2 39	12 29	0 26	17 10	1 46	22 21	13 57	14 18	14 41	27 13	10 26	0 50
T 7	2 32	15 0	4 41	7 56	1 51	1 17	1 7	23 4	1 44	23 35	0 6	11 42	2 39	12 30	0 26	17 10	1 46	22 22	13 57	14 16	14 40	27 14	10 28	0 50
W 8	2 9	9 29	4 5	7 13	1 50	1 48	1 6	23 11	1 44	23 36	0 6	11 41	2 39	12 31	0 26	17 10	1 46	22 22	13 57	14 13	14 39	27 14	10 31	0 50
T 9	1 45	3 25	3 15	6 28	1 49	2 19	1 4	23 18	1 44	23 36	0 6	11 40	2 39	12 32	0 26	17 10	1 47	22 22	13 57	14 11	14 38	27 15	10 33	0 51
F 10	1 22	2n55	2 13	5 43	1 48	2 50	1 3	23 25	1 44	23 36	0 6	11 39	2 40	12 33	0 26	17 10	1 47	22 23	13 57	14 10	14 37	27 16	10 36	0 51
S 11	0 58	9 13	1 2	4 58	1 45	3 21	1 1	23 32	1 44	23 36	0 6	11 38	2 40	12 34	0 26	17 9	1 47	22 23	13 57	14 9	14 36	27 17	10 38	0 51
S 12	0 35	15 9	0n13	4 12	1 43	3 51	0 59	23 38	1 44	23 36	0 6	11 37	2 40	12 35	0 26	17 9	1 47	22 23	13 57	14 9	14 35	27 17	10 41	0 51
M13	0 11	20 20	1 29	3 25	1 39	4 22	0 57	23 45	1 44	23 36	0 6	11 35	2 40	12 36	0 26	17 9	1 47	22 24	13 57	14 9	14 34	27 18	10 43	0 52
T 14	0s12	24 23	2 39	2 39	1 36	4 53	0 56	23 51	1 44	23 36	0 6	11 34	2 40	12 38	0 26	17 9	1 47	22 24	13 57	14 10	14 33	27 19	10 45	0 52
W15	0 36	26 57	3 40	1 52	1 31	5 23	0 54	23 57	1 44	23 36	0 7	11 33	2 40	12 39	0 26	17 8	1 47	22 24	13 56	14 10	14 32	27 20	10 48	0 52
T 16	0 59	27 46	4 27	1 5	1 27	5 54	0 52	24 2	1 44	23 37	0 7	11 32	2 41	12 40	0 26	17 8	1 47	22 25	13 56	14 10	14 31	27 20	10 51	0 52
F 17	1 23	26 46	4 58	0 18	1 22	6 24	0 50	24 8	1 44	23 37	0 7	11 30	2 41	12 41	0 26	17 8	1 47	22 25	13 56	14 10	14 30	27 21	10 53	0 53
S 18	1 46	24 5	5 11	0s29	1 17	6 54	0 48	24 13	1 44	23 37	0 7	11 29	2 41	12 42	0 26	17 8	1 47	22 25	13 56	14 9	14 29	27 22	10 56	0 53
S 19	2 10	19 59	5 6	1 16	1 12	7 24	0 46	24 18	1 44	23 37	0 7	11 28	2 41	12 43	0 26	17 7	1 47	22 25	13 56	14 8	14 28	27 22	10 58	0 53
M20	2 33	14 51	4 42	2 2	1 6	7 54	0 44	24 23	1 44	23 37	0 7	11 27	2 41	12 44	0 26	17 7	1 47	22 26	13 56	14 6	14 27	27 23	11 1	0 53
T 21	2 57	9 3	4 3	2 48	1 0	8 24	0 42	24 28	1 44	23 37	0 7	11 25	2 41	12 46	0 26	17 7	1 47	22 26	13 56	14 4	14 26	27 24	11 3	0 54
W22	3 20	2 55	3 11	3 34	0 54	8 53	0 39	24 32	1 44	23 37	0 7	11 24	2 41	12 47	0 26	17 6	1 47	22 26	13 56	14 3	14 25	27 24	11 6	0 54
T 23	3 44	3s13	2 9	4 20	0 48	9 23	0 37	24 36	1 44	23 37	0 7	11 22	2 42	12 48	0 26	17 6	1 47	22 27	13 55	14 2	14 24	27 25	11 8	0 54
F 24	4 7	9 6	1 2	5 5	0 42	9 52	0 35	24 40	1 44	23 37	0 7	11 21	2 42	12 49	0 26	17 6	1 47	22 27	13 55	14 1	14 23	27 26	11 11	0 54
S 25	4 30	14 30	0s 7	5 50	0 35	10 21	0 33	24 44	1 44	23 37	0 8	11 20	2 42	12 50	0 26	17 5	1 47	22 27	13 55	14 1	14 22	27 26	11 13	0 55
S 26	4 53	19 13	1 14	6 34	0 29	10 49	0 30	24 47	1 44	23 37	0 8	11 18	2 42	12 52	0 26	17 5	1 47	22 27	13 55	14 1	14 21	27 27	11 16	0 55
M27	5 17	23 3	2 16	7 18	0 22	11 18	0 28	24 51	1 44	23 37	0 8	11 17	2 42	12 53	0 26	17 5	1 47	22 27	13 55	14 2	14 20	27 28	11 19	0 55
T 28	5 40	25 50	3 12	8 1	0 15	11 46	0 26	24 54	1 43	23 38	0 8	11 15	2 42	12 54	0 25	17 5	1 47	22 28	13 55	14 2	14 19	27 28	11 21	0 55
W29	6 3	27 27	4 0	8 44	0 9	12 14	0 23	24 57	1 43	23 38	0 8	11 14	2 42	12 55	0 25	17 4	1 47	22 28	13 54	14 3	14 18	27 29	11 24	0 56
T 30	6s26	27s49	4s37	9s26	0n 2	12s41	0n21	24s59	1s43	23s38	0s 8	11n12	2s42	12s56	0n25	17n 4	1s47	22s28	13s54	14n 3	14n17	27s30	11s26	0n56

Julian Day Number = 2289995.5, Delta T = 163.48 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'04, Lahiri = 17°41'05 Julian Calendar 1 Sept. 1557 == Greg. Calendar 11 Sept. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

OCTOBER 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 16 47	17♎18'21	20♑37	25♎58	5♏38	22♐55	1♑17	6°R32	5♏25	23°R54	5°R17	7°R31	8♉ 9	29♐12	2♏28	F 1
S 2	1 20 44	18°17'56	2♒40	27°33	6°52	23°39	1°25	6♉28	5°28	23♉52	5♓16	7♉30	8° 6	29°18	2°37	S 2
S 3	1 24 40	19°17'33	14°56	29° 8	8° 7	24°23	1°34	6°23	5°32	23°51	5°15	7°29	8° 2	29°25	2°45	S 3
M 4	1 28 37	20°17'12	27°30	0♏43	9°22	25° 6	1°42	6°19	5°36	23°50	5°14	7°27	7°59	29°32	2°53	M 4
T 5	1 32 33	21°16'53	10♓24	2°17	10°36	25°50	1°50	6°14	5°39	23°48	5°13	7°24	7°56	29°39	3° 2	T 5
W 6	1 36 30	22°16'36	23°39	3°50	11°51	26°34	1°59	6°10	5°43	23°47	5°13	7°22	7°53	29°45	3°10	W 6
T 7	1 40 27	23°16'20	7♈17	5°22	13° 5	27°18	2° 8	6° 5	5°47	23°46	5°12	7°20	7°50	29°52	3°18	T 7
F 8	1 44 23	24°16'06	21°14	6°54	14°20	28° 2	2°16	6° 0	5°50	23°44	5°11	7°19	7°47	29°59	3°27	F 8
S 9	1 48 20	25°15'55	5♉28	8°26	15°34	28°46	2°25	5°56	5°54	23°43	5°10	7°D19	7°43	0♑ 5	3°35	S 9
S 10	1 52 16	26°15'45	19°53	9°57	16°49	29°30	2°34	5°51	5°58	23°41	5°10	7°19	7°40	0°12	3°43	S 10
M11	1 56 13	27°15'37	4♊25	11°27	18° 3	0♑14	2°44	5°46	6° 1	23°40	5° 9	7°19	7°37	0°19	3°52	M11
T 12	2 0 9	28°15'32	18°57	12°57	19°18	0°59	2°53	5°41	6° 5	23°38	5° 8	7°20	7°34	0°25	4° 0	T 12
W13	2 4 6	29°15'29	3♋25	14°27	20°32	1°43	3° 2	5°37	6° 9	23°37	5° 8	7°21	7°31	0°32	4° 9	W13
T 14	2 8 2	0♏15'29	17°45	15°55	21°47	2°28	3°12	5°32	6°13	23°35	5° 7	7°22	7°28	0°39	4°17	T 14
F 15	2 11 59	1°15'30	1♌54	17°24	23° 1	3°12	3°22	5°27	6°16	23°34	5° 6	7°R22	7°24	0°45	4°25	F 15
S 16	2 15 56	2°15'34	15°50	18°51	24°16	3°57	3°32	5°22	6°20	23°32	5° 6	7°22	7°21	0°52	4°34	S 16
S 17	2 19 52	3°15'39	29°31	20°18	25°30	4°41	3°41	5°17	6°24	23°31	5° 5	7°21	7°18	0°59	4°42	S 17
M18	2 23 49	4°15'47	12♍59	21°45	26°45	5°26	3°51	5°12	6°28	23°29	5° 5	7°21	7°15	1° 6	4°51	M18
T 19	2 27 45	5°15'57	26°13	23°11	27°59	6°11	4° 2	5° 7	6°31	23°28	5° 4	7°20	7°12	1°12	4°59	T 19
W20	2 31 42	6°16'09	9♎13	24°36	29°14	6°56	4°12	5° 3	6°35	23°26	5° 4	7°20	7° 8	1°19	5° 7	W20
T 21	2 35 38	7°16'23	22° 0	26° 0	0♐28	7°41	4°22	4°58	6°39	23°24	5° 3	7°D20	7° 5	1°26	5°16	T 21
F 22	2 39 35	8°16'38	4♏34	27°24	1°43	8°26	4°33	4°53	6°43	23°23	5° 3	7°R20	7° 2	1°32	5°24	F 22
S 23	2 43 31	9°16'56	16°56	28°47	2°57	9°11	4°43	4°48	6°46	23°21	5° 2	7°20	6°59	1°39	5°33	S 23
S 24	2 47 28	10°17'15	29° 7	0♐ 9	4°11	9°56	4°54	4°43	6°50	23°19	5° 2	7°20	6°56	1°46	5°41	S 24
M25	2 51 25	11°17'36	11♐ 9	1°29	5°26	10°41	5° 5	4°38	6°54	23°18	5° 2	7°20	6°53	1°52	5°49	M25
T 26	2 55 21	12°17'59	23° 4	2°49	6°40	11°27	5°16	4°34	6°58	23°16	5° 1	7°19	6°49	1°59	5°58	T 26
W27	2 59 18	13°18'23	4♑55	4° 8	7°55	12°12	5°27	4°29	7° 1	23°15	5° 1	7°18	6°46	2° 6	6° 6	W27
T 28	3 3 14	14°18'49	16°45	5°25	9° 9	12°57	5°38	4°24	7° 5	23°13	5° 1	7°17	6°43	2°13	6°15	T 28
F 29	3 7 11	15°19'16	28°38	6°41	10°24	13°43	5°49	4°19	7° 9	23°11	5° 0	7°17	6°40	2°19	6°23	F 29
S 30	3 11 7	16°19'45	10♒38	7°55	11°38	14°28	6° 0	4°15	7°13	23° 9	5° 0	7°D16	6°37	2°26	6°31	S 30
S 31	3 15 4	17♏20'15	22♒51	9♐ 7	12♐52	15♑14	6♑12	4♉10	7♏16	23♉ 8	5♓ 0	7♉16	6♉34	2♑33	6♏40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s49	26s53	5s 2	10s 8	0s 5	13s 9	0n18	25s 1	1s43	23s38	0s 8	11n11	2s42	12s58	0n25	17n 3	1s47	22s28	13s54	14n 3	14n15	27s30	11s29	0n56
S 2	7 12	24 43	5 14	10 49	0 12	13 36	0 16	25 3	1 43	23 38	0 8	11 9	2 42	12 59	0 25	17 3	1 47	22 28	13 54	14 3	14 14	27 31	11 32	0 56
S 3	7 34	21 22	5 13	11 29	0 19	14 2	0 13	25 5	1 43	23 38	0 8	11 8	2 42	13 0	0 25	17 3	1 47	22 28	13 54	14 2	14 13	27 31	11 34	0 57
M 4	7 57	17 0	4 56	12 9	0 26	14 29	0 11	25 7	1 42	23 38	0 8	11 6	2 43	13 1	0 25	17 2	1 48	22 28	13 53	14 2	14 12	27 32	11 37	0 57
T 5	8 19	11 46	4 25	12 48	0 32	14 54	0 8	25 8	1 42	23 38	0 8	11 5	2 43	13 2	0 25	17 2	1 48	22 29	13 53	14 1	14 11	27 32	11 39	0 57
W 6	8 42	5 52	3 39	13 26	0 39	15 20	0 6	25 9	1 42	23 38	0 9	11 3	2 43	13 4	0 25	17 2	1 48	22 29	13 53	14 0	14 10	27 33	11 42	0 57
T 7	9 4	0n28	2 39	14 4	0 46	15 45	0 3	25 10	1 42	23 37	0 9	11 1	2 43	13 5	0 25	17 1	1 48	22 29	13 53	14 0	14 9	27 34	11 45	0 58
F 8	9 26	6 57	1 28	14 41	0 53	16 10	0 1	25 11	1 42	23 37	0 9	11 0	2 43	13 6	0 25	17 1	1 48	22 29	13 52	13 59	14 8	27 34	11 47	0 58
S 9	9 48	13 13	0 10	15 17	0 59	16 34	0s 2	25 11	1 41	23 37	0 9	10 58	2 43	13 7	0 25	17 1	1 48	22 29	13 52	13 59	14 7	27 35	11 50	0 58
S 10	10 10	18 52	1n 9	15 52	1 6	16 58	0 5	25 11	1 41	23 37	0 9	10 57	2 43	13 9	0 25	17 0	1 48	22 29	13 52	13 59	14 6	27 35	11 52	0 59
M11	10 31	23 27	2 25	16 27	1 12	17 22	0 7	25 11	1 41	23 37	0 9	10 55	2 43	13 10	0 25	17 0	1 48	22 29	13 52	13 59	14 5	27 36	11 55	0 59
T 12	10 53	26 32	3 31	17 1	1 18	17 45	0 10	25 10	1 41	23 37	0 9	10 53	2 43	13 11	0 25	16 59	1 48	22 29	13 52	14 0	14 4	27 36	11 57	0 59
W13	11 14	27 50	4 23	17 33	1 25	18 8	0 13	25 10	1 40	23 37	0 9	10 52	2 43	13 12	0 25	16 59	1 48	22 29	13 51	14 0	14 3	27 37	12 0	0 59
T 14	11 35	27 15	4 59	18 5	1 31	18 30	0 15	25 9	1 40	23 37	0 9	10 50	2 43	13 14	0 25	16 59	1 48	22 29	13 51	14 0	14 2	27 37	12 3	1 0
F 15	11 56	24 55	5 16	18 36	1 36	18 52	0 18	25 7	1 40	23 37	0 9	10 49	2 43	13 15	0 25	16 58	1 48	22 29	13 51	14 0	14 1	27 38	12 5	1 0
S 16	12 17	21 7	5 14	19 7	1 42	19 13	0 20	25 6	1 39	23 36	0 9	10 47	2 43	13 16	0 25	16 58	1 48	22 29	13 51	14 0	14 0	27 38	12 8	1 0
S 17	12 38	16 15	4 54	19 36	1 48	19 33	0 23	25 4	1 39	23 36	0 9	10 46	2 43	13 17	0 25	16 57	1 48	22 29	13 50	14 0	13 59	27 39	12 10	1 0
M18	12 58	10 40	4 18	20 4	1 53	19 54	0 26	25 2	1 39	23 36	0 10	10 44	2 43	13 19	0 25	16 57	1 48	22 29	13 50	14 0	13 58	27 39	12 13	1 1
T 19	13 19	4 42	3 29	20 31	1 58	20 13	0 28	25 0	1 39	23 36	0 10	10 42	2 43	13 20	0 25	16 57	1 48	22 29	13 50	14 0	13 57	27 40	12 15	1 1
W20	13 39	1s22	2 30	20 57	2 3	20 32	0 31	24 57	1 38	23 36	0 10	10 41	2 43	13 21	0 25	16 56	1 48	22 29	13 50	14 0	13 56	27 40	12 18	1 1
T 21	13 58	7 17	1 24	21 23	2 8	20 51	0 34	24 54	1 38	23 35	0 10	10 39	2 43	13 22	0 25	16 56	1 48	22 29	13 49	14 0	13 55	27 41	12 21	1 2
F 22	14 18	12 50	0 15	21 47	2 12	21 9	0 36	24 51	1 37	23 35	0 10	10 38	2 43	13 24	0 25	16 55	1 48	22 29	13 49	14 0	13 54	27 41	12 23	1 2
S 23	14 37	17 47	0s53	22 9	2 17	21 26	0 39	24 48	1 37	23 35	0 10	10 36	2 43	13 25	0 25	16 55	1 48	22 29	13 49	14 0	13 53	27 41	12 26	1 2
S 24	14 56	21 56	1 58	22 31	2 21	21 43	0 41	24 44	1 37	23 34	0 10	10 34	2 42	13 26	0 25	16 55	1 48	22 29	13 48	14 0	13 52	27 42	12 28	1 2
M25	15 15	25 5	2 57	22 52	2 24	21 59	0 44	24 40	1 36	23 34	0 10	10 33	2 42	13 27	0 25	16 54	1 48	22 29	13 48	14 0	13 51	27 42	12 31	1 3
T 26	15 34	27 6	3 47	23 11	2 27	22 14	0 46	24 36	1 36	23 34	0 10	10 31	2 42	13 28	0 25	16 54	1 48	22 28	13 48	13 59	13 50	27 43	12 33	1 3
W27	15 52	27 52	4 28	23 29	2 30	22 29	0 49	24 31	1 36	23 33	0 10	10 30	2 42	13 30	0 25	16 53	1 48	22 28	13 48	13 59	13 49	27 43	12 36	1 3
T 28	16 10	27 21	4 57	23 45	2 32	22 44	0 51	24 27	1 35	23 33	0 10	10 28	2 42	13 31	0 25	16 53	1 48	22 28	13 47	13 59	13 47	27 43	12 38	1 4
F 29	16 28	25 36	5 13	24 1	2 34	22 57	0 54	24 22	1 35	23 33	0 10	10 27	2 42	13 32	0 25	16 52	1 48	22 28	13 47	13 59	13 46	27 44	12 41	1 4
S 30	16 46	22 41	5 16	24 15	2 36	23 10	0 56	24 16	1 34	23 32	0 11	10 25	2 42	13 33	0 25	16 52	1 48	22 28	13 47	13 58	13 45	27 44	12 43	1 4
S 31	17s 3	18s44	5s 5	24s27	2s37	23s22	0s59	24s11	1s34	23s32	0s11	10n24	2s42	13s35	0n25	16n52	1s48	22s28	13s47	13n58	13n44	27s45	12s45	1n 5

Julian Day Number = 2290025.5, Delta T = 163.31 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'09, Lahiri = 17°41'09 Julian Calendar 1 Oct. 1557 == Greg. Calendar 11 Oct. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

NOVEMBER 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 19 0	18♏20'46	5♓21	10♐17	14♐ 7	15♑59	6♑23	4°R 5	7♏20	23°R 6	5°R 0	7♉17	6♉30	2♑39	6♏48	M 1
T 2	3 22 57	19°21'18	18°11	11°24	15°21	16°45	6°34	4♉ 1	7°24	23♉ 4	4♓59	7°18	6°27	2°46	6°56	T 2
W 3	3 26 54	20°21'52	1♈25	12°29	16°36	17°31	6°46	3°56	7°27	23° 3	4°59	7°19	6°24	2°53	7° 4	W 3
T 4	3 30 50	21°22'26	15° 5	13°30	17°50	18°16	6°58	3°52	7°31	23° 1	4°59	7°20	6°21	2°59	7°13	T 4
F 5	3 34 47	22°23'03	29°12	14°28	19° 4	19° 2	7°10	3°47	7°35	22°59	4°59	7°21	6°18	3° 6	7°21	F 5
S 6	3 38 43	23°23'40	13♉41	15°22	20°19	19°48	7°21	3°43	7°38	22°58	4°59	7°R21	6°14	3°13	7°29	S 6
S 7	3 42 40	24°24'19	28°29	16°11	21°33	20°34	7°33	3°38	7°42	22°56	4°59	7°20	6°11	3°20	7°37	S 7
M 8	3 46 36	25°25'00	13♊27	16°55	22°47	21°20	7°45	3°34	7°46	22°54	4°59	7°18	6° 8	3°26	7°46	M 8
T 9	3 50 33	26°25'42	28°27	17°33	24° 2	22° 5	7°57	3°30	7°49	22°53	4°D59	7°16	6° 5	3°33	7°54	T 9
W10	3 54 29	27°26'26	13♋21	18° 4	25°16	22°51	8°10	3°25	7°53	22°51	4°59	7°13	6° 2	3°40	8° 2	W10
T 11	3 58 26	28°27'11	28° 1	18°28	26°30	23°37	8°22	3°21	7°56	22°49	4°59	7°11	5°59	3°46	8°10	T 11
F 12	4 2 23	29°27'58	12♌22	18°44	27°44	24°23	8°34	3°17	8° 0	22°47	4°59	7° 9	5°55	3°53	8°18	F 12
S 13	4 6 19	0♐28'46	26°21	18°R51	28°59	25° 9	8°47	3°13	8° 4	22°46	4°59	7°D 8	5°52	4° 0	8°26	S 13
S 14	4 10 16	1°29'35	9♍58	18°48	0♑13	25°56	8°59	3° 9	8° 7	22°44	4°59	7° 8	5°49	4° 6	8°34	S 14
M15	4 14 12	2°30'27	23°13	18°35	1°27	26°42	9°12	3° 5	8°11	22°42	4°59	7° 9	5°46	4°13	8°42	M15
T 16	4 18 9	3°31'19	6♎10	18°11	2°41	27°28	9°24	3° 1	8°14	22°41	4°59	7°11	5°43	4°20	8°50	T 16
W17	4 22 5	4°32'13	18°51	17°36	3°55	28°14	9°37	2°57	8°18	22°39	5° 0	7°12	5°40	4°27	8°58	W17
T 18	4 26 2	5°33'09	1♏18	16°49	5°10	29° 0	9°50	2°54	8°21	22°37	5° 0	7°R13	5°36	4°33	9° 6	T 18
F 19	4 29 58	6°34'05	13°35	15°52	6°24	29°46	10° 2	2°50	8°24	22°36	5° 0	7°13	5°33	4°40	9°13	F 19
S 20	4 33 55	7°35'03	25°43	14°46	7°38	0♒33	10°15	2°47	8°28	22°34	5° 0	7°12	5°30	4°47	9°21	S 20
S 21	4 37 52	8°36'02	7♐44	13°32	8°52	1°19	10°28	2°43	8°31	22°33	5° 1	7° 9	5°27	4°53	9°29	S 21
M22	4 41 48	9°37'02	19°39	12°13	10° 6	2° 5	10°41	2°40	8°35	22°31	5° 1	7° 4	5°24	5° 0	9°37	M22
T 23	4 45 45	10°38'03	1♑32	10°50	11°20	2°52	10°54	2°36	8°38	22°29	5° 1	6°58	5°20	5° 7	9°44	T 23
W24	4 49 41	11°39'04	13°22	9°27	12°34	3°38	11° 7	2°33	8°41	22°28	5° 2	6°51	5°17	5°13	9°52	W24
T 25	4 53 38	12°40'07	25°13	8° 7	13°48	4°25	11°20	2°30	8°44	22°26	5° 2	6°44	5°14	5°20	9°59	T 25
F 26	4 57 34	13°41'10	7♒ 7	6°52	15° 2	5°11	11°34	2°27	8°48	22°25	5° 2	6°38	5°11	5°27	10° 7	F 26
S 27	5 1 31	14°42'13	19° 7	5°45	16°16	5°57	11°47	2°24	8°51	22°23	5° 3	6°33	5° 8	5°34	10°14	S 27
S 28	5 5 28	15°43'17	1♓16	4°46	17°30	6°44	12° 0	2°21	8°54	22°22	5° 3	6°30	5° 5	5°40	10°22	S 28
M29	5 9 24	16°44'22	13°40	3°58	18°44	7°30	12°13	2°18	8°57	22°20	5° 4	6°D29	5° 1	5°47	10°29	M29
T 30	5 13 21	17♐45'26	26♓23	3♐21	19♑58	8♒17	12♑27	2♉16	9♏ 0	22♉19	5♓ 4	6♉29	4♉58	5♑54	10♏37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s20	13s54	4s40	24s38	2s37	23s34	1s 1	24s 5	1s34	23s31	0s11	10n22	2s42	13s36	0n25	16n51	1s48	22s27	13s46	13n59	13n43	27s45	12s48	1n 5
T 2	17 37	8 22	4 0	24 47	2 37	23 45	1 4	23 59	1 33	23 31	0 11	10 21	2 42	13 37	0 25	16 51	1 48	22 27	13 46	13 59	13 42	27 45	12 50	1 5
W 3	17 53	2 17	3 6	24 55	2 36	23 55	1 6	23 53	1 33	23 30	0 11	10 20	2 42	13 38	0 25	16 50	1 48	22 27	13 46	13 59	13 41	27 46	12 53	1 5
T 4	18 9	4n 7	2 0	25 1	2 34	24 4	1 8	23 46	1 32	23 30	0 11	10 18	2 41	13 39	0 25	16 50	1 48	22 27	13 45	14 0	13 40	27 46	12 55	1 6
F 5	18 25	10 31	0 45	25 6	2 31	24 13	1 10	23 39	1 32	23 29	0 11	10 17	2 41	13 41	0 25	16 49	1 48	22 27	13 45	14 0	13 39	27 46	12 57	1 6
S 6	18 40	16 33	0n35	25 9	2 28	24 21	1 13	23 32	1 31	23 29	0 11	10 15	2 41	13 42	0 25	16 49	1 48	22 26	13 45	14 0	13 38	27 47	13 0	1 6
S 7	18 55	21 43	1 54	25 10	2 24	24 28	1 15	23 25	1 31	23 28	0 11	10 14	2 41	13 43	0 25	16 49	1 48	22 26	13 44	14 0	13 37	27 47	13 2	1 7
M 8	19 10	25 33	3 6	25 9	2 18	24 35	1 17	23 17	1 30	23 27	0 11	10 13	2 41	13 44	0 25	16 48	1 48	22 26	13 44	13 59	13 36	27 47	13 5	1 7
T 9	19 24	27 35	4 6	25 6	2 12	24 41	1 19	23 10	1 30	23 27	0 11	10 12	2 41	13 45	0 25	16 48	1 48	22 26	13 44	13 58	13 35	27 47	13 7	1 7
W10	19 38	27 36	4 48	25 1	2 4	24 46	1 21	23 1	1 29	23 26	0 11	10 10	2 40	13 46	0 25	16 47	1 48	22 25	13 44	13 57	13 34	27 48	13 9	1 8
T 11	19 52	25 41	5 11	24 55	1 55	24 50	1 23	22 53	1 29	23 26	0 12	10 9	2 40	13 48	0 25	16 47	1 48	22 25	13 43	13 57	13 33	27 48	13 12	1 8
F 12	20 5	22 9	5 14	24 46	1 45	24 54	1 25	22 44	1 28	23 25	0 12	10 8	2 40	13 49	0 25	16 47	1 48	22 25	13 43	13 56	13 32	27 48	13 14	1 8
S 13	20 18	17 25	4 57	24 34	1 33	24 57	1 27	22 36	1 28	23 24	0 12	10 7	2 40	13 50	0 25	16 46	1 48	22 24	13 43	13 56	13 31	27 49	13 16	1 9
S 14	20 31	11 56	4 25	24 21	1 20	24 59	1 29	22 27	1 27	23 23	0 12	10 5	2 40	13 51	0 25	16 46	1 48	22 24	13 42	13 56	13 30	27 49	13 18	1 9
M15	20 43	6 3	3 39	24 5	1 5	25 0	1 31	22 17	1 27	23 23	0 12	10 4	2 40	13 52	0 25	16 45	1 48	22 24	13 42	13 56	13 29	27 49	13 21	1 9
T 16	20 55	0 2	2 42	23 47	0 49	25 1	1 32	22 8	1 26	23 22	0 12	10 3	2 39	13 53	0 25	16 45	1 48	22 23	13 42	13 57	13 28	27 49	13 23	1 10
W17	21 6	5s52	1 39	23 26	0 31	25 0	1 34	21 58	1 26	23 21	0 12	10 2	2 39	13 54	0 25	16 44	1 48	22 23	13 41	13 57	13 26	27 49	13 25	1 10
T 18	21 17	11 27	0 32	23 3	0 13	24 59	1 36	21 48	1 25	23 20	0 12	10 1	2 39	13 56	0 25	16 44	1 48	22 23	13 41	13 57	13 25	27 50	13 27	1 10
F 19	21 28	16 30	0s35	22 38	0n 7	24 58	1 37	21 37	1 25	23 19	0 12	10 0	2 39	13 57	0 25	16 44	1 48	22 22	13 41	13 57	13 24	27 50	13 29	1 11
S 20	21 38	20 51	1 39	22 10	0 27	24 55	1 39	21 27	1 24	23 18	0 12	9 59	2 39	13 58	0 25	16 43	1 48	22 22	13 41	13 57	13 23	27 50	13 31	1 11
S 21	21 48	24 16	2 39	21 42	0 48	24 52	1 40	21 16	1 23	23 17	0 12	9 58	2 38	13 59	0 25	16 43	1 48	22 22	13 40	13 56	13 22	27 50	13 34	1 11
M22	21 57	26 36	3 31	21 12	1 8	24 48	1 42	21 5	1 23	23 16	0 12	9 57	2 38	14 0	0 25	16 42	1 48	22 21	13 40	13 54	13 21	27 51	13 36	1 12
T 23	22 6	27 43	4 14	20 41	1 27	24 43	1 43	20 54	1 22	23 15	0 12	9 56	2 38	14 1	0 25	16 42	1 48	22 21	13 40	13 52	13 20	27 51	13 38	1 12
W24	22 14	27 33	4 45	20 12	1 45	24 38	1 44	20 43	1 22	23 14	0 13	9 55	2 38	14 2	0 25	16 42	1 48	22 20	13 39	13 50	13 19	27 51	13 40	1 12
T 25	22 22	26 8	5 4	19 43	2 1	24 32	1 45	20 31	1 21	23 13	0 13	9 54	2 37	14 3	0 25	16 41	1 48	22 20	13 39	13 48	13 18	27 51	13 42	1 13
F 26	22 30	23 32	5 10	19 17	2 16	24 25	1 46	20 19	1 20	23 12	0 13	9 54	2 37	14 4	0 25	16 41	1 48	22 20	13 39	13 46	13 17	27 51	13 44	1 13
S 27	22 37	19 55	5 3	18 54	2 28	24 17	1 47	20 7	1 20	23 11	0 13	9 53	2 37	14 5	0 25	16 41	1 48	22 19	13 39	13 44	13 16	27 51	13 46	1 13
S 28	22 44	15 26	4 42	18 34	2 37	24 8	1 48	19 55	1 19	23 10	0 13	9 52	2 37	14 6	0 25	16 40	1 48	22 19	13 38	13 43	13 15	27 51	13 48	1 14
M29	22 50	10 15	4 8	18 18	2 45	23 59	1 49	19 42	1 19	23 9	0 13	9 51	2 36	14 7	0 25	16 40	1 48	22 18	13 38	13 43	13 14	27 52	13 50	1 14
T 30	22s56	4s30	3s20	18s 6	2n50	23s49	1s50	19s30	1s18	23s 8	0s13	9n51	2s36	14s 8	0n25	16n40	1s48	22s18	13s38	13n43	13n13	27s52	13s52	1n14

Julian Day Number = 2290056.5, Delta T = 163.13 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'13, Lahiri = 17°41'13 Julian Calendar 1 Nov. 1557 == Greg. Calendar 11 Nov. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

DECEMBER 1557 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 17 17	18♐46'32	9♈28	2°R55	21♑12	9♒ 3	12♑40	2°R13	9♏ 4	22°R17	5♓ 5	6♉30	4♉55	6♑ 0	10♏44	W 1
T 2	5 21 14	19°47'37	23° 0	2♐39	22°26	9°50	12°54	2♉11	9° 7	22♉16	5° 5	6°32	4°52	6° 7	10°51	T 2
F 3	5 25 10	20°48'43	7♉ 0	2°D35	23°40	10°36	13° 7	2° 8	9°10	22°14	5° 6	6°R33	4°49	6°14	10°58	F 3
S 4	5 29 7	21°49'49	21°29	2°40	24°53	11°23	13°21	2° 6	9°13	22°13	5° 7	6°32	4°46	6°21	11° 5	S 4
S 5	5 33 3	22°50'56	6♊22	2°54	26° 7	12° 9	13°34	2° 4	9°16	22°11	5° 7	6°28	4°42	6°27	11°12	S 5
M 6	5 37 0	23°52'03	21°33	3°16	27°21	12°56	13°48	2° 2	9°19	22°10	5° 8	6°23	4°39	6°34	11°19	M 6
T 7	5 40 57	24°53'11	6♋52	3°46	28°35	13°42	14° 2	2° 0	9°22	22° 9	5° 9	6°16	4°36	6°41	11°26	T 7
W 8	5 44 53	25°54'19	22° 7	4°23	29°48	14°29	14°15	1°58	9°24	22° 7	5° 9	6° 8	4°33	6°47	11°33	W 8
T 9	5 48 50	26°55'27	7♌ 9	5° 5	1♒ 2	15°16	14°29	1°56	9°27	22° 6	5°10	6° 1	4°30	6°54	11°40	T 9
F 10	5 52 46	27°56'36	21°48	5°53	2°15	16° 2	14°43	1°55	9°30	22° 5	5°11	5°54	4°26	7° 1	11°47	F 10
S 11	5 56 43	28°57'46	6♍ 1	6°46	3°29	16°49	14°57	1°53	9°33	22° 3	5°12	5°49	4°23	7° 8	11°53	S 11
S 12	6 0 39	29°58'56	19°44	7°43	4°42	17°35	15°10	1°52	9°36	22° 2	5°12	5°47	4°20	7°14	12° 0	S 12
M13	6 4 36	1♎ 0'06	3♎ 0	8°43	5°56	18°22	15°24	1°50	9°38	22° 1	5°13	5°D46	4°17	7°21	12° 7	M13
T 14	6 8 32	2° 1'17	15°52	9°47	7° 9	19° 8	15°38	1°49	9°41	21°59	5°14	5°47	4°14	7°28	12°13	T 14
W15	6 12 29	3° 2'28	28°24	10°54	8°23	19°55	15°52	1°48	9°44	21°58	5°15	5°48	4°11	7°34	12°19	W15
T 16	6 16 26	4° 3'40	10♏40	12° 3	9°36	20°41	16° 6	1°47	9°46	21°57	5°16	5°R48	4° 7	7°41	12°26	T 16
F 17	6 20 22	5° 4'52	22°46	13°15	10°49	21°28	16°20	1°46	9°49	21°56	5°17	5°46	4° 4	7°48	12°32	F 17
S 18	6 24 19	6° 6'04	4♐43	14°29	12° 2	22°15	16°34	1°45	9°51	21°55	5°18	5°42	4° 1	7°54	12°38	S 18
S 19	6 28 15	7° 7'17	16°37	15°44	13°15	23° 1	16°48	1°45	9°54	21°54	5°19	5°35	3°58	8° 1	12°44	S 19
M20	6 32 12	8° 8'29	28°28	17° 1	14°29	23°48	17° 2	1°44	9°56	21°53	5°20	5°25	3°55	8° 8	12°50	M20
T 21	6 36 8	9° 9'42	10♑19	18°19	15°42	24°34	17°16	1°44	9°58	21°52	5°21	5°13	3°52	8°15	12°56	T 21
W22	6 40 5	10°10'54	22°11	19°39	16°55	25°21	17°30	1°43	10° 1	21°51	5°22	5° 0	3°48	8°21	13° 2	W22
T 23	6 44 2	11°12'06	4♒ 5	21° 0	18° 8	26° 7	17°44	1°43	10° 3	21°50	5°23	4°47	3°45	8°28	13° 8	T 23
F 24	6 47 58	12°13'17	16° 4	22°22	19°21	26°54	17°58	1°D43	10° 5	21°49	5°24	4°35	3°42	8°35	13°14	F 24
S 25	6 51 55	13°14'29	28° 8	23°45	20°33	27°41	18°12	1°43	10° 8	21°48	5°25	4°24	3°39	8°41	13°20	S 25
S 26	6 55 51	14°15'39	10♓21	25° 9	21°46	28°27	18°26	1°43	10°10	21°47	5°26	4°16	3°36	8°48	13°25	S 26
M27	6 59 48	15°16'49	22°45	26°34	22°59	29°14	18°40	1°43	10°12	21°46	5°27	4°11	3°32	8°55	13°31	M27
T 28	7 3 44	16°17'59	5♈24	28° 0	24°11	0♓ 0	18°54	1°44	10°14	21°45	5°28	4° 9	3°29	9° 2	13°36	T 28
W29	7 7 41	17°19'07	18°22	29°26	25°24	0°46	19° 8	1°44	10°16	21°44	5°29	4°D 9	3°26	9° 8	13°41	W29
T 30	7 11 37	18°20'15	1♉43	0♑53	26°36	1°33	19°23	1°45	10°18	21°43	5°30	4°R 9	3°23	9°15	13°47	T 30
F 31	7 15 34	19♑21'22	15♉30	2♑21	27♒49	2♓19	19♑37	1♉45	10♏20	21♉43	5♓32	4♉ 8	3♉20	9♑22	13♏52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 1	1n36	2s21	17s58	2n53	23s39	1s51	19s17	1s17	23s 7	0s13	9n50	2s36	14s 9	0n25	16n39	1s48	22s17	13s37	13n43	13n12	27s52	13s54	1n15
T 2	23 6	7 50	1 13	17 54	2 54	23 28	1 51	19 4	1 17	23 5	0 13	9 49	2 36	14 10	0 25	16 39	1 47	22 17	13 37	13 44	13 11	27 52	13 56	1 15
F 3	23 11	13 56	0n 3	17 53	2 54	23 16	1 52	18 50	1 16	23 4	0 13	9 49	2 35	14 11	0 25	16 39	1 47	22 16	13 37	13 44	13 9	27 52	13 58	1 15
S 4	23 15	19 28	1 20	17 56	2 52	23 3	1 53	18 37	1 15	23 3	0 13	9 48	2 35	14 12	0 25	16 38	1 47	22 16	13 37	13 44	13 8	27 52	13 59	1 16
S 5	23 18	23 57	2 34	18 2	2 49	22 50	1 53	18 23	1 15	23 2	0 13	9 48	2 35	14 13	0 25	16 38	1 47	22 15	13 36	13 43	13 7	27 52	14 1	1 16
M 6	23 21	26 52	3 38	18 10	2 45	22 36	1 53	18 10	1 14	23 0	0 14	9 47	2 35	14 14	0 25	16 38	1 47	22 15	13 36	13 41	13 6	27 52	14 3	1 17
T 7	23 24	27 46	4 28	18 21	2 40	22 21	1 54	17 55	1 14	22 59	0 14	9 47	2 34	14 15	0 25	16 37	1 47	22 14	13 36	13 39	13 5	27 52	14 5	1 17
W 8	23 26	26 34	4 58	18 33	2 34	22 6	1 54	17 41	1 13	22 58	0 14	9 47	2 34	14 16	0 25	16 37	1 47	22 14	13 35	13 36	13 4	27 52	14 7	1 17
T 9	23 28	23 28	5 7	18 47	2 27	21 50	1 54	17 27	1 12	22 56	0 14	9 46	2 34	14 17	0 25	16 37	1 47	22 13	13 35	13 33	13 3	27 52	14 8	1 18
F 10	23 29	18 55	4 55	19 2	2 21	21 33	1 54	17 12	1 12	22 55	0 14	9 46	2 34	14 18	0 25	16 36	1 47	22 13	13 35	13 31	13 2	27 53	14 10	1 18
S 11	23 30	13 26	4 25	19 18	2 13	21 16	1 54	16 58	1 11	22 53	0 14	9 46	2 33	14 18	0 25	16 36	1 47	22 12	13 35	13 30	13 1	27 53	14 12	1 19
S 12	23 30	7 28	3 41	19 35	2 5	20 58	1 54	16 43	1 10	22 52	0 14	9 45	2 33	14 19	0 25	16 36	1 47	22 12	13 34	13 29	13 0	27 53	14 13	1 19
M13	23 30	1 21	2 47	19 53	1 58	20 40	1 53	16 28	1 9	22 51	0 14	9 45	2 33	14 20	0 25	16 35	1 47	22 11	13 34	13 29	12 59	27 53	14 15	1 19
T 14	23 29	4s39	1 45	20 10	1 49	20 21	1 53	16 13	1 9	22 49	0 14	9 45	2 32	14 21	0 25	16 35	1 47	22 11	13 34	13 29	12 58	27 53	14 17	1 20
W15	23 28	10 19	0 40	20 28	1 41	20 2	1 53	15 57	1 8	22 47	0 14	9 45	2 32	14 22	0 25	16 35	1 47	22 10	13 34	13 29	12 57	27 53	14 18	1 20
T 16	23 26	15 29	0s26	20 46	1 33	19 42	1 52	15 42	1 7	22 46	0 14	9 45	2 32	14 23	0 25	16 35	1 47	22 9	13 33	13 29	12 56	27 53	14 20	1 20
F 17	23 24	19 57	1 29	21 3	1 24	19 21	1 51	15 26	1 7	22 44	0 15	9 45	2 32	14 23	0 25	16 34	1 47	22 9	13 33	13 29	12 54	27 53	14 21	1 21
S 18	23 21	23 34	2 28	21 20	1 16	19 0	1 51	15 10	1 6	22 43	0 15	9 45	2 31	14 24	0 25	16 34	1 47	22 8	13 33	13 27	12 53	27 53	14 23	1 21
S 19	23 18	26 8	3 20	21 37	1 7	18 38	1 50	14 54	1 5	22 41	0 15	9 45	2 31	14 25	0 25	16 34	1 47	22 8	13 33	13 25	12 52	27 53	14 24	1 22
M20	23 15	27 32	4 2	21 53	0 59	18 16	1 49	14 38	1 5	22 39	0 15	9 45	2 31	14 26	0 25	16 34	1 47	22 7	13 32	13 22	12 51	27 52	14 26	1 22
T 21	23 11	27 39	4 34	22 9	0 50	17 53	1 48	14 22	1 4	22 38	0 15	9 45	2 30	14 26	0 25	16 34	1 47	22 6	13 32	13 18	12 50	27 52	14 27	1 22
W22	23 6	26 30	4 54	22 24	0 42	17 30	1 47	14 6	1 3	22 36	0 15	9 45	2 30	14 27	0 25	16 33	1 47	22 6	13 32	13 13	12 49	27 52	14 28	1 23
T 23	23 2	24 10	5 2	22 38	0 34	17 7	1 46	13 49	1 3	22 34	0 15	9 45	2 30	14 28	0 25	16 33	1 47	22 5	13 32	13 9	12 48	27 52	14 30	1 23
F 24	22 56	20 45	4 56	22 51	0 26	16 43	1 45	13 33	1 2	22 32	0 15	9 46	2 29	14 29	0 25	16 33	1 47	22 5	13 31	13 5	12 47	27 52	14 31	1 24
S 25	22 50	16 28	4 37	23 4	0 18	16 18	1 43	13 16	1 1	22 31	0 15	9 46	2 29	14 29	0 25	16 33	1 46	22 4	13 31	13 1	12 46	27 52	14 32	1 24
S 26	22 44	11 29	4 5	23 15	0 10	15 54	1 42	12 59	1 0	22 29	0 15	9 46	2 29	14 30	0 25	16 33	1 46	22 3	13 31	12 59	12 45	27 52	14 34	1 25
M27	22 37	5 57	3 21	23 25	0 2	15 28	1 40	12 42	1 0	22 27	0 15	9 47	2 29	14 31	0 25	16 32	1 46	22 3	13 31	12 57	12 44	27 52	14 35	1 25
T 28	22 30	0 5	2 26	23 35	0s 6	15 3	1 39	12 25	0 59	22 25	0 16	9 47	2 28	14 31	0 25	16 32	1 46	22 2	13 31	12 56	12 43	27 52	14 36	1 25
W29	22 22	5n57	1 23	23 43	0 13	14 37	1 37	12 8	0 58	22 23	0 16	9 48	2 28	14 32	0 25	16 32	1 46	22 2	13 30	12 56	12 41	27 52	14 37	1 26
T 30	22 14	11 54	0 13	23 50	0 21	14 10	1 35	11 51	0 57	22 21	0 16	9 48	2 28	14 32	0 26	16 32	1 46	22 1	13 30	12 56	12 40	27 52	14 38	1 26
F 31	22s 6	17n28	1n 0	23s56	0s28	13s43	1s33	11s33	0s57	22s19	0s16	9n49	2s27	14s33	0n26	16n32	1s46	22s 0	13s30	12n56	12n39	27s52	14s40	1n27

Julian Day Number = 2290086.5, Delta T = 162.96 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'17, Lahiri = 17°41'17 Julian Calendar 1 Dec. 1557 == Greg. Calendar 11 Dec. 1557

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

JANUARY 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 19 31	20♑22'29	29♉45	3♑49	29♒ 1	3♓ 6	19♑51	1♉46	10♏22	21°R42	5♓33	4°R 6	3♉17	9♑28	13♏57	S 1
S 2	7 23 27	21°23'35	14♊26	5°18	0♓13	3°52	20° 5	1°47	10°23	21♉41	5°34	4♉ 1	3°13	9°35	14° 2	S 2
M 3	7 27 24	22°24'40	29°29	6°48	1°26	4°39	20°19	1°48	10°25	21°41	5°35	3°54	3°10	9°42	14° 7	M 3
T 4	7 31 20	23°25'44	14♋47	8°18	2°38	5°25	20°33	1°49	10°27	21°40	5°37	3°44	3° 7	9°49	14°12	T 4
W 5	7 35 17	24°26'47	0♌ 7	9°49	3°50	6°11	20°47	1°50	10°28	21°39	5°38	3°32	3° 4	9°55	14°16	W 5
T 6	7 39 13	25°27'50	15°18	11°21	5° 2	6°58	21° 1	1°52	10°30	21°39	5°39	3°21	3° 1	10° 2	14°21	T 6
F 7	7 43 10	26°28'52	0♍10	12°53	6°13	7°44	21°15	1°53	10°32	21°38	5°40	3°11	2°58	10° 9	14°25	F 7
S 8	7 47 6	27°29'53	14°36	14°26	7°25	8°30	21°29	1°55	10°33	21°38	5°42	3° 3	2°54	10°15	14°30	S 8
S 9	7 51 3	28°30'54	28°30	15°59	8°37	9°16	21°44	1°57	10°35	21°37	5°43	2°58	2°51	10°22	14°34	S 9
M10	7 55 0	29°31'54	11♎55	17°33	9°48	10° 3	21°58	1°58	10°36	21°37	5°44	2°55	2°48	10°29	14°38	M10
T 11	7 58 56	0♒32'54	24°52	19° 8	11° 0	10°49	22°12	2° 0	10°37	21°37	5°46	2°54	2°45	10°36	14°43	T 11
W12	8 2 53	1°33'53	7♏25	20°43	12°11	11°35	22°26	2° 2	10°39	21°36	5°47	2°54	2°42	10°42	14°47	W12
T 13	8 6 49	2°34'51	19°40	22°19	13°22	12°21	22°40	2° 4	10°40	21°36	5°48	2°54	2°38	10°49	14°50	T 13
F 14	8 10 46	3°35'49	1♐42	23°55	14°33	13° 7	22°54	2° 7	10°41	21°36	5°50	2°51	2°35	10°56	14°54	F 14
S 15	8 14 42	4°36'45	13°36	25°33	15°44	13°54	23° 8	2° 9	10°42	21°35	5°51	2°46	2°32	11° 2	14°58	S 15
S 16	8 18 39	5°37'41	25°26	27°11	16°55	14°40	23°22	2°11	10°43	21°35	5°53	2°39	2°29	11° 9	15° 2	S 16
M17	8 22 35	6°38'37	7♑15	28°49	18° 6	15°26	23°36	2°14	10°44	21°35	5°54	2°28	2°26	11°16	15° 5	M17
T 18	8 26 32	7°39'31	19° 7	0♒29	19°16	16°12	23°50	2°17	10°45	21°35	5°56	2°14	2°23	11°23	15° 9	T 18
W19	8 30 29	8°40'24	1♒ 3	2° 9	20°27	16°58	24° 4	2°19	10°46	21°35	5°57	2° 0	2°19	11°29	15°12	W19
T 20	8 34 25	9°41'16	13° 4	3°50	21°37	17°44	24°17	2°22	10°47	21°35	5°59	1°45	2°16	11°36	15°15	T 20
F 21	8 38 22	10°42'06	25°12	5°31	22°48	18°30	24°31	2°25	10°48	21°34	6° 0	1°31	2°13	11°43	15°18	F 21
S 22	8 42 18	11°42'55	7♓27	7°14	23°58	19°16	24°45	2°28	10°49	21°D34	6° 2	1°19	2°10	11°49	15°21	S 22
S 23	8 46 15	12°43'43	19°51	8°57	25° 8	20° 2	24°59	2°31	10°49	21°34	6° 3	1°10	2° 7	11°56	15°24	S 23
M24	8 50 11	13°44'29	2♈24	10°41	26°18	20°47	25°13	2°35	10°50	21°35	6° 5	1° 4	2° 4	12° 3	15°27	M24
T 25	8 54 8	14°45'14	15°10	12°26	27°27	21°33	25°26	2°38	10°51	21°35	6° 6	1° 0	2° 0	12°10	15°30	T 25
W26	8 58 4	15°45'57	28°10	14°11	28°37	22°19	25°40	2°42	10°51	21°35	6° 8	1°D 0	1°57	12°16	15°32	W26
T 27	9 2 1	16°46'39	11♉28	15°57	29°46	23° 5	25°54	2°45	10°52	21°35	6° 9	1°R 0	1°54	12°23	15°35	T 27
F 28	9 5 58	17°47'19	25° 6	17°45	0♈56	23°51	26° 7	2°49	10°52	21°35	6°11	1° 0	1°51	12°30	15°37	F 28
S 29	9 9 54	18°47'57	9♊ 7	19°33	2° 5	24°36	26°21	2°53	10°53	21°35	6°12	0°58	1°48	12°36	15°39	S 29
S 30	9 13 51	19°48'33	23°30	21°21	3°13	25°22	26°35	2°56	10°53	21°36	6°14	0°54	1°44	12°43	15°41	S 30
M31	9 17 47	20♒49'08	8♋13	23♒11	4♈22	26♓ 8	26♑48	3♉ 0	10♏53	21♉36	6♓15	0♉48	1♉41	12♑50	15♏43	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s57	22n17	2n11	24s 1	0s35	13s16	1s31	11s16	0s56	22s17	0s16	9n49	2s27	14s34	0n26	16n32	1s46	22s 0	13s30	12n55	12n38	27s51	14s41	1n27
S 2	21 48	25 50	3 16	24 5	0 41	12 49	1 29	10 58	0 55	22 15	0 16	9 50	2 27	14 34	0 26	16 31	1 46	21 59	13 29	12 53	12 37	27 51	14 42	1 28
M 3	21 38	27 38	4 8	24 7	0 48	12 21	1 27	10 41	0 55	22 13	0 16	9 50	2 26	14 35	0 26	16 31	1 46	21 58	13 29	12 51	12 36	27 51	14 43	1 28
T 4	21 28	27 23	4 44	24 9	0 54	11 53	1 25	10 23	0 54	22 11	0 16	9 51	2 26	14 35	0 26	16 31	1 46	21 58	13 29	12 47	12 35	27 51	14 44	1 28
W 5	21 17	25 3	5 0	24 8	1 1	11 25	1 23	10 5	0 53	22 9	0 16	9 52	2 26	14 36	0 26	16 31	1 46	21 57	13 29	12 44	12 34	27 51	14 45	1 29
T 6	21 6	20 58	4 54	24 7	1 6	10 56	1 20	9 47	0 52	22 7	0 16	9 52	2 26	14 36	0 26	16 31	1 46	21 56	13 29	12 40	12 33	27 51	14 46	1 29
F 7	20 55	15 37	4 28	24 4	1 12	10 27	1 18	9 29	0 52	22 5	0 17	9 53	2 25	14 37	0 26	16 31	1 46	21 56	13 29	12 36	12 32	27 50	14 47	1 30
S 8	20 43	9 33	3 46	24 0	1 18	9 58	1 15	9 11	0 51	22 3	0 17	9 54	2 25	14 37	0 26	16 31	1 46	21 55	13 28	12 33	12 31	27 50	14 47	1 30
S 9	20 31	3 12	2 51	23 55	1 23	9 29	1 12	8 53	0 50	22 1	0 17	9 55	2 25	14 38	0 26	16 31	1 46	21 54	13 28	12 32	12 30	27 50	14 48	1 31
M10	20 18	3s 4	1 48	23 48	1 28	8 59	1 10	8 35	0 49	21 59	0 17	9 56	2 24	14 38	0 26	16 31	1 46	21 54	13 28	12 31	12 28	27 50	14 49	1 31
T 11	20 5	9 0	0 42	23 39	1 32	8 29	1 7	8 17	0 49	21 57	0 17	9 57	2 24	14 38	0 26	16 31	1 46	21 53	13 28	12 31	12 27	27 50	14 50	1 32
W12	19 52	14 24	0s24	23 30	1 37	7 59	1 4	7 58	0 48	21 54	0 17	9 58	2 24	14 39	0 26	16 31	1 45	21 52	13 28	12 31	12 26	27 49	14 51	1 32
T 13	19 38	19 6	1 27	23 18	1 41	7 29	1 1	7 40	0 47	21 52	0 17	9 59	2 23	14 39	0 26	16 31	1 45	21 52	13 28	12 30	12 25	27 49	14 51	1 33
F 14	19 24	22 56	2 26	23 6	1 45	6 59	0 58	7 22	0 46	21 50	0 17	10 0	2 23	14 40	0 26	16 31	1 45	21 51	13 27	12 30	12 24	27 49	14 52	1 33
S 15	19 9	25 45	3 17	22 52	1 48	6 28	0 54	7 3	0 46	21 48	0 17	10 1	2 23	14 40	0 26	16 31	1 45	21 50	13 27	12 28	12 23	27 49	14 53	1 33
S 16	18 55	27 24	3 59	22 36	1 52	5 58	0 51	6 45	0 45	21 46	0 17	10 2	2 23	14 40	0 26	16 31	1 45	21 50	13 27	12 25	12 22	27 48	14 53	1 34
M17	18 40	27 49	4 31	22 19	1 54	5 27	0 48	6 26	0 44	21 43	0 18	10 3	2 22	14 41	0 26	16 31	1 45	21 49	13 27	12 21	12 21	27 48	14 54	1 34
T 18	18 24	26 56	4 52	22 0	1 57	4 56	0 44	6 7	0 43	21 41	0 18	10 4	2 22	14 41	0 26	16 31	1 45	21 48	13 27	12 17	12 20	27 48	14 54	1 35
W19	18 8	24 50	4 59	21 40	1 59	4 25	0 41	5 49	0 43	21 39	0 18	10 6	2 22	14 41	0 26	16 31	1 45	21 48	13 27	12 12	12 19	27 48	14 55	1 35
T 20	17 52	21 37	4 53	21 18	2 1	3 54	0 37	5 30	0 42	21 36	0 18	10 7	2 21	14 41	0 26	16 31	1 45	21 47	13 27	12 7	12 18	27 47	14 55	1 36
F 21	17 36	17 27	4 35	20 55	2 3	3 23	0 34	5 11	0 41	21 34	0 18	10 8	2 21	14 42	0 26	16 31	1 45	21 46	13 27	12 2	12 16	27 47	14 56	1 36
S 22	17 19	12 33	4 3	20 30	2 4	2 52	0 30	4 53	0 40	21 32	0 18	10 9	2 21	14 42	0 26	16 31	1 45	21 46	13 27	11 58	12 15	27 47	14 56	1 37
S 23	17 2	7 5	3 19	20 4	2 4	2 20	0 26	4 34	0 39	21 29	0 18	10 11	2 21	14 42	0 26	16 31	1 45	21 45	13 26	11 54	12 14	27 46	14 57	1 37
M24	16 45	1 16	2 25	19 36	2 5	1 49	0 22	4 15	0 39	21 27	0 18	10 12	2 20	14 42	0 26	16 31	1 45	21 44	13 26	11 52	12 13	27 46	14 57	1 38
T 25	16 27	4n43	1 23	19 6	2 4	1 17	0 18	3 56	0 38	21 24	0 18	10 14	2 20	14 42	0 26	16 31	1 45	21 44	13 26	11 51	12 12	27 46	14 57	1 38
W26	16 9	10 37	0 15	18 35	2 4	0 46	0 14	3 38	0 37	21 22	0 19	10 15	2 20	14 43	0 26	16 31	1 45	21 43	13 26	11 51	12 11	27 45	14 58	1 39
T 27	15 51	16 11	0n55	18 3	2 3	0 15	0 10	3 19	0 36	21 20	0 19	10 16	2 19	14 43	0 26	16 31	1 45	21 42	13 26	11 51	12 10	27 45	14 58	1 39
F 28	15 32	21 6	2 4	17 29	2 1	0n17	0 6	3 0	0 36	21 17	0 19	10 18	2 19	14 43	0 26	16 31	1 44	21 42	13 26	11 51	12 9	27 45	14 58	1 40
S 29	15 14	24 57	3 7	16 53	1 59	0 48	0 2	2 41	0 35	21 15	0 19	10 19	2 19	14 43	0 26	16 32	1 44	21 41	13 26	11 50	12 8	27 44	14 58	1 40
S 30	14 55	27 21	4 1	16 16	1 57	1 20	0n 3	2 22	0 34	21 12	0 19	10 21	2 19	14 43	0 26	16 32	1 44	21 40	13 26	11 49	12 7	27 44	14 58	1 41
M31	14s35	27n53	4n39	15s37	1s54	1n51	0n 7	2s 3	0s33	21s10	0s19	10n23	2s18	14s43	0n26	16n32	1s44	21s40	13s26	11n47	12n 5	27s44	14s58	1n41

Julian Day Number = 2290117.5, Delta T = 162.78 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'21, Lahiri = 17°41'22 Julian Calendar 1 Jan. 1558 == Greg. Calendar 11 Jan. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

FEBRUARY 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 21 44	21♒49'41	23♋11	25♒ 1	5♈31	26♓53	27♉ 2	3♉ 4	10♏53	21♉36	6♓17	0°R39	1♉38	12♉57	15♏45	T 1
W 2	9 25 40	22°50'12	8♌15	26°52	6°39	27°39	27°15	3° 9	10°53	21°37	6°18	0♉28	1°35	13° 3	15°47	W 2
T 3	9 29 37	23°50'41	23°16	28°43	7°47	28°24	27°29	3°13	10°54	21°37	6°20	0°18	1°32	13°10	15°49	T 3
F 4	9 33 33	24°51'09	8♍ 3	0♓35	8°55	29°10	27°42	3°17	10°R54	21°37	6°22	0° 9	1°29	13°17	15°50	F 4
S 5	9 37 30	25°51'35	22°29	2°27	10° 3	29°55	27°55	3°21	10°54	21°38	6°23	0° 1	1°25	13°23	15°52	S 5
S 6	9 41 27	26°51'59	6♎29	4°20	11°11	0♈40	28° 9	3°26	10°54	21°38	6°25	29♈56	1°22	13°30	15°53	S 6
M 7	9 45 23	27°52'22	20° 0	6°13	12°18	1°26	28°22	3°30	10°53	21°39	6°26	29°54	1°19	13°37	15°55	M 7
T 8	9 49 20	28°52'44	3♏ 4	8° 5	13°25	2°11	28°35	3°35	10°53	21°39	6°28	29°D53	1°16	13°44	15°56	T 8
W 9	9 53 16	29°53'04	15°43	9°58	14°32	2°56	28°48	3°40	10°53	21°40	6°30	29°54	1°13	13°50	15°57	W 9
T 10	9 57 13	0♓53'23	28° 3	11°49	15°39	3°42	29° 1	3°45	10°53	21°41	6°31	29°R55	1°10	13°57	15°58	T 10
F 11	10 1 9	1°53'41	10♐ 8	13°40	16°45	4°27	29°14	3°50	10°52	21°41	6°33	29°54	1° 6	14° 4	15°58	F 11
S 12	10 5 6	2°53'57	22° 3	15°30	17°52	5°12	29°27	3°55	10°52	21°42	6°35	29°52	1° 3	14°10	15°59	S 12
S 13	10 9 2	3°54'11	3♑53	17°18	18°58	5°57	29°40	4° 0	10°52	21°43	6°36	29°48	1° 0	14°17	16° 0	S 13
M14	10 12 59	4°54'24	15°44	19° 4	20° 3	6°42	29°53	4° 5	10°51	21°44	6°38	29°41	0°57	14°24	16° 0	M14
T 15	10 16 56	5°54'35	27°38	20°48	21° 9	7°27	0♒ 6	4°10	10°51	21°44	6°39	29°32	0°54	14°31	16° 0	T 15
W16	10 20 52	6°54'44	9♒39	22°29	22°14	8°12	0°18	4°15	10°50	21°45	6°41	29°22	0°50	14°37	16° 1	W16
T 17	10 24 49	7°54'52	21°48	24° 7	23°19	8°57	0°31	4°21	10°49	21°46	6°43	29°12	0°47	14°44	16°R 1	T 17
F 18	10 28 45	8°54'58	4♓ 7	25°40	24°24	9°42	0°44	4°26	10°49	21°47	6°44	29° 2	0°44	14°51	16° 1	F 18
S 19	10 32 42	9°55'01	16°36	27° 9	25°28	10°27	0°56	4°32	10°48	21°48	6°46	28°54	0°41	14°57	16° 1	S 19
S 20	10 36 38	10°55'03	29°17	28°33	26°32	11°12	1° 9	4°37	10°47	21°49	6°47	28°48	0°38	15° 4	16° 0	S 20
M21	10 40 35	11°55'03	12♈ 8	29°51	27°36	11°56	1°21	4°43	10°46	21°50	6°49	28°44	0°35	15°11	16° 0	M21
T 22	10 44 31	12°55'01	25°11	1♈ 3	28°40	12°41	1°33	4°48	10°45	21°51	6°51	28°D43	0°31	15°18	16° 0	T 22
W23	10 48 28	13°54'57	8♉26	2° 8	29°43	13°26	1°46	4°54	10°44	21°52	6°52	28°43	0°28	15°24	15°59	W23
T 24	10 52 25	14°54'50	21°55	3° 6	0♉46	14°10	1°58	5° 0	10°43	21°53	6°54	28°44	0°25	15°31	15°58	T 24
F 25	10 56 21	15°54'42	5♊37	3°57	1°49	14°55	2°10	5° 6	10°42	21°54	6°55	28°46	0°22	15°38	15°57	F 25
S 26	11 0 18	16°54'31	19°33	4°39	2°51	15°40	2°22	5°12	10°41	21°55	6°57	28°R46	0°19	15°44	15°57	S 26
S 27	11 4 14	17°54'18	3♋44	5°14	3°53	16°24	2°34	5°18	10°40	21°56	6°59	28°45	0°15	15°51	15°56	S 27
M28	11 8 11	18♓54'02	18♋ 8	5♈40	4♉54	17♈ 9	2♒46	5♉24	10♏39	21♉58	7♓ 0	28♈42	0♉12	15♉58	15♏54	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s16	26n25	4n59	14s56	1s50	2n22	0n12	1s44	0s33	21s 7	0s19	10n24	2s18	14s43	0n26	16n32	1s44	21s39	13s26	11n44	12n 4	27s43	14s59	1n42
W 2	13 56	23 3	4 59	14 15	1 46	2 54	0 16	1 26	0 32	21 5	0 19	10 26	2 18	14 43	0 26	16 32	1 44	21 39	13 26	11 40	12 3	27 43	14 59	1 42
T 3	13 36	18 10	4 38	13 32	1 41	3 25	0 21	1 7	0 31	21 2	0 19	10 28	2 18	14 43	0 26	16 32	1 44	21 38	13 26	11 36	12 2	27 42	14 59	1 43
F 4	13 16	12 16	3 59	12 47	1 36	3 56	0 25	0 48	0 30	21 0	0 20	10 29	2 17	14 43	0 26	16 32	1 44	21 37	13 26	11 33	12 1	27 42	14 59	1 43
S 5	12 56	5 49	3 5	12 1	1 30	4 27	0 30	0 29	0 30	20 57	0 20	10 31	2 17	14 43	0 26	16 33	1 44	21 37	13 26	11 30	12 0	27 42	14 58	1 44
S 6	12 35	0s44	2 1	11 14	1 23	4 58	0 34	0 10	0 29	20 55	0 20	10 33	2 17	14 43	0 26	16 33	1 44	21 36	13 26	11 29	11 59	27 41	14 58	1 44
M 7	12 15	7 2	0 52	10 26	1 16	5 28	0 39	0n 8	0 28	20 52	0 20	10 35	2 17	14 43	0 26	16 33	1 44	21 35	13 26	11 28	11 58	27 41	14 58	1 45
T 8	11 54	12 50	0s17	9 36	1 8	5 59	0 44	0 27	0 27	20 49	0 20	10 36	2 16	14 43	0 26	16 33	1 44	21 35	13 26	11 28	11 57	27 40	14 58	1 45
W 9	11 32	17 55	1 24	8 46	0 59	6 30	0 49	0 46	0 27	20 47	0 20	10 38	2 16	14 43	0 26	16 33	1 44	21 34	13 26	11 28	11 55	27 40	14 58	1 46
T 10	11 11	22 7	2 25	7 55	0 50	7 0	0 54	1 4	0 26	20 44	0 20	10 40	2 16	14 43	0 26	16 34	1 44	21 33	13 26	11 28	11 54	27 39	14 58	1 46
F 11	10 50	25 17	3 18	7 4	0 40	7 30	0 59	1 23	0 25	20 42	0 20	10 42	2 16	14 43	0 26	16 34	1 44	21 33	13 26	11 28	11 53	27 39	14 57	1 47
S 12	10 28	27 17	4 2	6 11	0 30	8 0	1 4	1 42	0 24	20 39	0 21	10 44	2 15	14 43	0 26	16 34	1 43	21 32	13 26	11 27	11 52	27 38	14 57	1 47
S 13	10 6	28 1	4 35	5 19	0 19	8 30	1 9	2 0	0 24	20 37	0 21	10 46	2 15	14 42	0 26	16 34	1 43	21 32	13 26	11 26	11 51	27 38	14 57	1 48
M14	9 44	27 28	4 56	4 27	0 7	9 0	1 14	2 19	0 23	20 34	0 21	10 48	2 15	14 42	0 26	16 35	1 43	21 31	13 26	11 23	11 50	27 37	14 56	1 48
T 15	9 22	25 40	5 5	3 35	0n 5	9 29	1 19	2 37	0 22	20 31	0 21	10 50	2 15	14 42	0 26	16 35	1 43	21 30	13 26	11 20	11 49	27 37	14 56	1 49
W16	9 0	22 42	5 0	2 43	0 17	9 58	1 24	2 56	0 21	20 29	0 21	10 52	2 14	14 42	0 26	16 35	1 43	21 30	13 26	11 17	11 48	27 36	14 56	1 49
T 17	8 37	18 43	4 42	1 53	0 30	10 27	1 29	3 14	0 21	20 26	0 21	10 54	2 14	14 42	0 26	16 35	1 43	21 29	13 26	11 13	11 47	27 36	14 55	1 50
F 18	8 15	13 55	4 11	1 4	0 44	10 56	1 34	3 33	0 20	20 24	0 21	10 56	2 14	14 41	0 26	16 36	1 43	21 29	13 26	11 10	11 45	27 35	14 55	1 50
S 19	7 52	8 28	3 27	0 16	0 57	11 25	1 39	3 51	0 19	20 21	0 22	10 58	2 14	14 41	0 26	16 36	1 43	21 28	13 26	11 7	11 44	27 35	14 54	1 51
S 20	7 29	2 36	2 32	0n30	1 11	11 53	1 44	4 9	0 19	20 18	0 22	11 0	2 13	14 41	0 26	16 36	1 43	21 28	13 26	11 4	11 43	27 34	14 54	1 51
M21	7 7	3n27	1 28	1 14	1 25	12 21	1 49	4 28	0 18	20 16	0 22	11 2	2 13	14 41	0 26	16 37	1 43	21 27	13 26	11 3	11 42	27 34	14 53	1 52
T 22	6 44	9 29	0 19	1 55	1 39	12 49	1 55	4 46	0 17	20 13	0 22	11 4	2 13	14 40	0 26	16 37	1 43	21 26	13 26	11 3	11 41	27 33	14 52	1 52
W23	6 21	15 11	0n52	2 34	1 52	13 16	2 0	5 4	0 16	20 11	0 22	11 6	2 13	14 40	0 26	16 37	1 43	21 26	13 26	11 3	11 40	27 33	14 52	1 53
T 24	5 57	20 15	2 2	3 9	2 6	13 43	2 5	5 22	0 16	20 8	0 22	11 8	2 13	14 40	0 26	16 38	1 43	21 25	13 26	11 3	11 39	27 32	14 51	1 53
F 25	5 34	24 21	3 6	3 41	2 18	14 10	2 10	5 40	0 15	20 5	0 22	11 10	2 12	14 39	0 26	16 38	1 43	21 25	13 26	11 4	11 38	27 31	14 50	1 54
S 26	5 11	27 5	4 0	4 9	2 31	14 37	2 16	5 58	0 14	20 3	0 22	11 13	2 12	14 39	0 26	16 38	1 43	21 24	13 26	11 4	11 37	27 31	14 50	1 54
S 27	4 48	28 8	4 41	4 34	2 42	15 3	2 21	6 15	0 13	20 0	0 23	11 15	2 12	14 39	0 26	16 39	1 43	21 24	13 26	11 3	11 35	27 30	14 49	1 55
M28	4s24	27n18	5n 5	4n54	2n53	15n29	2n26	6n33	0s13	19s58	0s23	11n17	2s12	14s38	0n26	16n39	1s43	21s23	13s26	11n 2	11n34	27s30	14s48	1n55

Julian Day Number = 2290148.5, Delta T = 162.60 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'25, Lahiri = 17°41'26 Julian Calendar 1 Feb. 1558 == Greg. Calendar 11 Feb. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

MARCH 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 12 7	19♓53'44	2♌41	5♈58	5♉55	17♈53	2♒58	5♉30	10°R37	21♉59	7♓ 2	28°R37	0♉ 9	16♑ 5	15°R53	T 1
W 2	11 16 4	20°53'24	17°18	6° 8	6°56	18°37	3° 9	5°37	10♏36	22° 0	7° 3	28♈32	0° 6	16°11	15♏52	W 2
T 3	11 20 0	21°53'02	1♍53	6°R 9	7°56	19°22	3°21	5°43	10°35	22° 1	7° 5	28°26	0° 3	16°18	15°51	T 3
F 4	11 23 57	22°52'37	16°18	6° 2	8°56	20° 6	3°33	5°49	10°33	22° 3	7° 7	28°21	29♈59	16°25	15°49	F 4
S 5	11 27 54	23°52'10	0♎29	5°47	9°55	20°50	3°44	5°56	10°32	22° 4	7° 8	28°17	29°56	16°32	15°47	S 5
S 6	11 31 50	24°51'42	14°19	5°25	10°54	21°34	3°55	6° 2	10°31	22° 5	7°10	28°14	29°53	16°38	15°46	S 6
M 7	11 35 47	25°51'11	27°46	4°57	11°53	22°18	4° 7	6° 9	10°29	22° 7	7°11	28°D13	29°50	16°45	15°44	M 7
T 8	11 39 43	26°50'38	10♏51	4°22	12°51	23° 2	4°18	6°15	10°27	22° 8	7°13	28°14	29°47	16°52	15°42	T 8
W 9	11 43 40	27°50'04	23°33	3°42	13°48	23°46	4°29	6°22	10°26	22°10	7°14	28°15	29°44	16°58	15°40	W 9
T 10	11 47 36	28°49'28	5♐57	2°58	14°45	24°30	4°40	6°28	10°24	22°11	7°16	28°17	29°41	17° 5	15°38	T 10
F 11	11 51 33	29°48'50	18° 5	2°10	15°41	25°14	4°51	6°35	10°23	22°13	7°17	28°19	29°37	17°12	15°35	F 11
S 12	11 55 29	0♈48'10	0♑ 4	1°20	16°37	25°58	5° 2	6°42	10°21	22°14	7°19	28°R19	29°34	17°19	15°33	S 12
S 13	11 59 26	1°47'29	11°57	0°29	17°33	26°42	5°12	6°49	10°19	22°16	7°20	28°19	29°31	17°25	15°31	S 13
M14	12 3 23	2°46'45	23°49	29♓38	18°27	27°26	5°23	6°56	10°17	22°17	7°22	28°17	29°28	17°32	15°28	M14
T 15	12 7 19	3°46'00	5♒45	28°47	19°22	28°10	5°34	7° 3	10°15	22°19	7°23	28°14	29°25	17°39	15°26	T 15
W16	12 11 16	4°45'13	17°50	27°59	20°15	28°53	5°44	7° 9	10°14	22°21	7°25	28°11	29°21	17°45	15°23	W16
T 17	12 15 12	5°44'24	0♓ 5	27°13	21° 8	29°37	5°54	7°16	10°12	22°22	7°26	28° 7	29°18	17°52	15°20	T 17
F 18	12 19 9	6°43'33	12°33	26°30	22° 0	0♉21	6° 4	7°23	10°10	22°24	7°28	28° 4	29°15	17°59	15°17	F 18
S 19	12 23 5	7°42'40	25°16	25°52	22°52	1° 4	6°15	7°31	10° 8	22°26	7°29	28° 1	29°12	18° 6	15°14	S 19
S 20	12 27 2	8°41'45	8♈15	25°18	23°43	1°48	6°25	7°38	10° 6	22°27	7°31	27°59	29° 9	18°12	15°11	S 20
M21	12 30 58	9°40'48	21°28	24°48	24°33	2°31	6°34	7°45	10° 4	22°29	7°32	27°D58	29° 6	18°19	15° 8	M21
T 22	12 34 55	10°39'49	4♉56	24°24	25°22	3°15	6°44	7°52	10° 2	22°31	7°33	27°58	29° 2	18°26	15° 5	T 22
W23	12 38 51	11°38'48	18°35	24° 6	26°11	3°58	6°54	7°59	10° 0	22°33	7°35	27°58	28°59	18°32	15° 2	W23
T 24	12 42 48	12°37'44	2♊26	23°53	26°58	4°41	7° 3	8° 6	9°57	22°34	7°36	28° 0	28°56	18°39	14°58	T 24
F 25	12 46 45	13°36'39	16°25	23°45	27°45	5°25	7°13	8°14	9°55	22°36	7°38	28° 1	28°53	18°46	14°55	F 25
S 26	12 50 41	14°35'31	0♋31	23°D42	28°31	6° 8	7°22	8°21	9°53	22°38	7°39	28° 2	28°50	18°53	14°51	S 26
S 27	12 54 38	15°34'21	14°42	23°45	29°16	6°51	7°31	8°28	9°51	22°40	7°40	28°R 2	28°47	18°59	14°48	S 27
M28	12 58 34	16°33'08	28°56	23°53	29°59	7°34	7°40	8°36	9°49	22°42	7°42	28° 2	28°43	19° 6	14°44	M28
T 29	13 2 31	17°31'53	13♌10	24° 7	0♊43	8°17	7°49	8°43	9°46	22°44	7°43	28° 1	28°40	19°13	14°41	T 29
W30	13 6 27	18°30'36	27°22	24°25	1°25	9° 0	7°58	8°51	9°44	22°46	7°44	28° 0	28°37	19°20	14°37	W30
T 31	13 10 24	19♈29'16	11♍27	24♓47	2♊ 6	9♉43	8♒ 7	8♉58	9♏42	22♉48	7♓46	27♈59	28♈34	19♑26	14♏33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s 1	24n37	5n 9	5n10	3n 3	15n54	2n31	6n51	0s12	19s55	0s23	11n19	2s12	14s38	0n26	16n39	1s42	21s23	13s26	11n 1	11n33	27s29	14s47	1n56
W 2	3 37	20 20	4 53	5 22	3 11	16 19	2 36	7 8	0 11	19 52	0 23	11 22	2 11	14 37	0 26	16 40	1 42	21 22	13 27	10 59	11 32	27 28	14 46	1 56
T 3	3 14	14 52	4 19	5 29	3 18	16 44	2 42	7 26	0 11	19 50	0 23	11 24	2 11	14 37	0 26	16 40	1 42	21 22	13 27	10 57	11 31	27 28	14 45	1 57
F 4	2 50	8 37	3 28	5 32	3 24	17 8	2 47	7 43	0 10	19 47	0 23	11 26	2 11	14 36	0 26	16 41	1 42	21 21	13 27	10 55	11 30	27 27	14 45	1 57
S 5	2 26	2 2	2 25	5 30	3 28	17 32	2 52	8 1	0 9	19 45	0 23	11 28	2 11	14 36	0 26	16 41	1 42	21 21	13 27	10 53	11 29	27 26	14 44	1 58
S 6	2 3	4s30	1 15	5 23	3 31	17 56	2 57	8 18	0 8	19 42	0 24	11 31	2 11	14 36	0 26	16 41	1 42	21 20	13 27	10 52	11 28	27 26	14 43	1 58
M 7	1 39	10 40	0 2	5 13	3 32	18 19	3 2	8 35	0 8	19 40	0 24	11 33	2 10	14 35	0 26	16 42	1 42	21 20	13 27	10 52	11 26	27 25	14 42	1 59
T 8	1 15	16 12	1s 8	4 58	3 31	18 42	3 7	8 52	0 7	19 37	0 24	11 35	2 10	14 35	0 26	16 42	1 42	21 19	13 27	10 52	11 25	27 24	14 41	1 59
W 9	0 52	20 52	2 14	4 40	3 28	19 5	3 12	9 9	0 6	19 35	0 24	11 38	2 10	14 34	0 26	16 43	1 42	21 19	13 27	10 53	11 24	27 24	14 39	2 0
T 10	0 28	24 30	3 12	4 18	3 24	19 26	3 17	9 26	0 6	19 32	0 24	11 40	2 10	14 34	0 26	16 43	1 42	21 18	13 28	10 54	11 23	27 23	14 38	2 0
F 11	0 4	26 56	4 0	3 53	3 17	19 48	3 22	9 43	0 5	19 30	0 24	11 42	2 10	14 33	0 26	16 43	1 42	21 18	13 28	10 54	11 22	27 22	14 37	2 1
S 12	0n19	28 6	4 36	3 26	3 9	20 9	3 27	9 59	0 4	19 27	0 25	11 45	2 10	14 32	0 26	16 44	1 42	21 17	13 28	10 54	11 21	27 22	14 36	2 1
S 13	0 43	27 57	5 1	2 56	3 0	20 30	3 32	10 16	0 4	19 25	0 25	11 47	2 9	14 32	0 27	16 44	1 42	21 17	13 28	10 54	11 20	27 21	14 35	2 2
M14	1 6	26 31	5 13	2 26	2 49	20 50	3 37	10 32	0 3	19 22	0 25	11 49	2 9	14 31	0 27	16 45	1 42	21 17	13 28	10 53	11 19	27 20	14 34	2 2
T 15	1 30	23 54	5 11	1 54	2 36	21 10	3 42	10 49	0 2	19 20	0 25	11 52	2 9	14 31	0 27	16 45	1 42	21 16	13 28	10 52	11 18	27 19	14 33	2 3
W16	1 54	20 12	4 55	1 23	2 23	21 29	3 46	11 5	0 1	19 18	0 25	11 54	2 9	14 30	0 27	16 46	1 42	21 16	13 29	10 51	11 16	27 19	14 31	2 3
T 17	2 17	15 37	4 26	0 51	2 9	21 48	3 51	11 21	0 1	19 15	0 25	11 57	2 9	14 30	0 27	16 46	1 42	21 15	13 29	10 50	11 15	27 18	14 30	2 4
F 18	2 41	10 19	3 44	0 20	1 53	22 6	3 55	11 37	0 0	19 13	0 26	11 59	2 9	14 29	0 27	16 47	1 42	21 15	13 29	10 49	11 14	27 17	14 29	2 4
S 19	3 4	4 29	2 50	0s 9	1 38	22 24	4 0	11 53	0n 1	19 10	0 26	12 1	2 9	14 28	0 27	16 47	1 42	21 15	13 29	10 48	11 13	27 17	14 27	2 5
S 20	3 27	1n39	1 46	0 37	1 22	22 41	4 4	12 9	0 1	19 8	0 26	12 4	2 8	14 28	0 27	16 48	1 42	21 14	13 29	10 47	11 12	27 16	14 26	2 5
M21	3 51	7 50	0 36	1 4	1 6	22 58	4 9	12 24	0 2	19 6	0 26	12 6	2 8	14 27	0 27	16 48	1 42	21 14	13 30	10 46	11 11	27 15	14 25	2 6
T 22	4 14	13 48	0n38	1 28	0 50	23 14	4 13	12 40	0 3	19 4	0 26	12 9	2 8	14 26	0 27	16 49	1 41	21 13	13 30	10 47	11 10	27 14	14 23	2 6
W23	4 37	19 11	1 51	1 50	0 34	23 30	4 17	12 55	0 3	19 1	0 26	12 11	2 8	14 26	0 27	16 49	1 41	21 13	13 30	10 47	11 8	27 13	14 22	2 7
T 24	5 0	23 37	2 59	2 9	0 18	23 46	4 21	13 11	0 4	18 59	0 27	12 14	2 8	14 25	0 27	16 50	1 41	21 13	13 30	10 47	11 7	27 13	14 21	2 7
F 25	5 23	26 44	3 57	2 27	0 3	24 0	4 25	13 26	0 5	18 57	0 27	12 16	2 8	14 24	0 27	16 50	1 41	21 12	13 30	10 48	11 6	27 12	14 19	2 8
S 26	5 46	28 10	4 40	2 41	0s12	24 15	4 29	13 41	0 5	18 55	0 27	12 19	2 8	14 24	0 27	16 51	1 41	21 12	13 31	10 48	11 5	27 11	14 18	2 8
S 27	6 9	27 47	5 8	2 53	0 26	24 28	4 33	13 56	0 6	18 52	0 27	12 21	2 8	14 23	0 27	16 51	1 41	21 12	13 31	10 48	11 4	27 10	14 16	2 8
M28	6 31	25 34	5 16	3 2	0 40	24 42	4 36	14 10	0 6	18 50	0 27	12 23	2 7	14 22	0 27	16 52	1 41	21 12	13 31	10 48	11 3	27 9	14 15	2 9
T 29	6 54	21 47	5 5	3 9	0 53	24 54	4 39	14 25	0 7	18 48	0 27	12 26	2 7	14 22	0 27	16 52	1 41	21 11	13 31	10 48	11 2	27 8	14 13	2 9
W30	7 16	16 44	4 36	3 14	1 5	25 6	4 43	14 39	0 8	18 46	0 28	12 28	2 7	14 21	0 27	16 53	1 41	21 11	13 31	10 47	11 1	27 8	14 12	2 10
T 31	7n39	10n49	3n50	3s15	1s17	25n18	4n46	14n54	0n 8	18s44	0s28	12n31	2s 7	14s20	0n27	16n53	1s41	21s11	13s32	10n47	10n59	27s 7	14s10	2n10

Julian Day Number = 2290176.5, Delta T = 162.44 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'29, Lahiri = 17°41'30 Julian Calendar 1 March 1558 == Greg. Calendar 11 March 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

APRIL 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 14 20	20♈27'54	25♍24	25♓14	2♊45	10♉26	8♒15	9♉ 6	9°R39	22♉50	7♓47	27°R58	28♈31	19♑33	14°R29	F 1
S 2	13 18 17	21°26'30	9♎ 8	25°46	3°24	11° 9	8°24	9°13	9♏37	22°52	7°48	27♈57	28°27	19°40	14♏25	S 2
S 3	13 22 14	22°25'04	22°37	26°21	4° 1	11°52	8°32	9°21	9°35	22°53	7°49	27°D57	28°24	19°46	14°21	S 3
M 4	13 26 10	23°23'37	5♏50	27° 1	4°37	12°35	8°40	9°28	9°32	22°55	7°50	27°57	28°21	19°53	14°17	M 4
T 5	13 30 7	24°22'07	18°45	27°44	5°12	13°17	8°48	9°36	9°30	22°58	7°52	27°57	28°18	20° 0	14°13	T 5
W 6	13 34 3	25°20'36	1♐23	28°31	5°45	14° 0	8°56	9°43	9°28	23° 0	7°53	27°57	28°15	20° 7	14° 9	W 6
T 7	13 38 0	26°19'02	13°45	29°21	6°17	14°43	9° 4	9°51	9°25	23° 2	7°54	27°58	28°12	20°13	14° 5	T 7
F 8	13 41 56	27°17'28	25°55	0♈14	6°47	15°25	9°11	9°59	9°23	23° 4	7°55	27°58	28° 8	20°20	14° 0	F 8
S 9	13 45 53	28°15'51	7♑55	1°10	7°16	16° 8	9°19	10° 6	9°20	23° 6	7°56	27°R58	28° 5	20°27	13°56	S 9
S 10	13 49 49	29°14'13	19°49	2°10	7°43	16°50	9°26	10°14	9°18	23° 8	7°57	27°58	28° 2	20°33	13°52	S 10
M11	13 53 46	0♉12'33	1♒42	3°12	8° 9	17°33	9°33	10°22	9°15	23°10	7°59	27°D58	27°59	20°40	13°48	M11
T 12	13 57 43	1°10'52	13°39	4°17	8°33	18°15	9°40	10°29	9°13	23°12	8° 0	27°58	27°56	20°47	13°43	T 12
W13	14 1 39	2° 9'09	25°44	5°25	8°55	18°58	9°47	10°37	9°10	23°14	8° 1	27°58	27°53	20°54	13°39	W13
T 14	14 5 36	3° 7'25	8♓ 2	6°35	9°16	19°40	9°54	10°45	9° 8	23°16	8° 2	27°59	27°49	21° 0	13°34	T 14
F 15	14 9 32	4° 5'39	20°35	7°48	9°34	20°22	10° 0	10°53	9° 5	23°18	8° 3	27°59	27°46	21° 7	13°30	F 15
S 16	14 13 29	5° 3'51	3♈27	9° 3	9°51	21° 4	10° 7	11° 0	9° 3	23°21	8° 4	28° 0	27°43	21°14	13°25	S 16
S 17	14 17 25	6° 2'02	16°39	10°20	10° 5	21°47	10°13	11° 8	9° 0	23°23	8° 5	28° 0	27°40	21°21	13°21	S 17
M18	14 21 22	7° 0'11	0♉11	11°40	10°18	22°29	10°19	11°16	8°58	23°25	8° 6	28°R 0	27°37	21°27	13°16	M18
T 19	14 25 18	7°58'18	14° 2	13° 2	10°29	23°11	10°25	11°23	8°55	23°27	8° 7	28° 0	27°33	21°34	13°12	T 19
W20	14 29 15	8°56'24	28° 9	14°26	10°37	23°53	10°31	11°31	8°53	23°29	8° 8	27°59	27°30	21°41	13° 7	W20
T 21	14 33 12	9°54'28	12♊28	15°52	10°43	24°35	10°36	11°39	8°50	23°31	8° 8	27°58	27°27	21°47	13° 3	T 21
F 22	14 37 8	10°52'30	26°53	17°21	10°47	25°17	10°42	11°47	8°48	23°34	8° 9	27°56	27°24	21°54	12°58	F 22
S 23	14 41 5	11°50'31	11♋19	18°51	10°R48	25°59	10°47	11°55	8°45	23°36	8°10	27°55	27°21	22° 1	12°54	S 23
S 24	14 45 1	12°48'29	25°42	20°23	10°47	26°41	10°52	12° 2	8°42	23°38	8°11	27°54	27°18	22° 8	12°49	S 24
M25	14 48 58	13°46'26	9♌59	21°58	10°44	27°22	10°57	12°10	8°40	23°40	8°12	27°D53	27°14	22°14	12°45	M25
T 26	14 52 54	14°44'21	24° 5	23°35	10°38	28° 4	11° 2	12°18	8°37	23°42	8°13	27°53	27°11	22°21	12°40	T 26
W27	14 56 51	15°42'13	8♍ 1	25°13	10°30	28°46	11° 6	12°26	8°35	23°45	8°13	27°54	27° 8	22°28	12°35	W27
T 28	15 0 47	16°40'04	21°44	26°54	10°19	29°28	11°11	12°33	8°32	23°47	8°14	27°55	27° 5	22°35	12°31	T 28
F 29	15 4 44	17°37'54	5♎15	28°37	10° 6	0♊ 9	11°15	12°41	8°30	23°49	8°15	27°57	27° 2	22°41	12°26	F 29
S 30	15 8 41	18♉35'41	18♎32	0♉21	9♊51	0♊51	11♒19	12♉49	8♏27	23♉51	8♓16	27♈58	26♈58	22♑48	12♏22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 1	4n27	2n51	3s15	1s28	25n29	4n49	15n 8	0n 9	18s42	0s28	12n33	2s 7	14s19	0n27	16n54	1s41	21s10	13s32	10n47	10n58	27s 6	14s 9	2n11
S 2	8 23	2s 4	1 42	3 12	1 39	25 39	4 52	15 22	0 10	18 40	0 28	12 36	2 7	14 19	0 27	16 54	1 41	21 10	13 32	10 46	10 57	27 5	14 7	2 11
S 3	8 45	8 22	0 29	3 7	1 49	25 49	4 54	15 36	0 10	18 38	0 28	12 38	2 7	14 18	0 27	16 55	1 41	21 10	13 32	10 46	10 56	27 4	14 5	2 12
M 4	9 7	14 11	0s44	2 59	1 58	25 58	4 57	15 50	0 11	18 36	0 29	12 41	2 7	14 17	0 27	16 55	1 41	21 10	13 33	10 46	10 55	27 3	14 4	2 12
T 5	9 28	19 15	1 53	2 50	2 6	26 7	4 59	16 3	0 12	18 34	0 29	12 43	2 7	14 16	0 27	16 56	1 41	21 9	13 33	10 46	10 54	27 2	14 2	2 12
W 6	9 50	23 20	2 55	2 38	2 14	26 15	5 1	16 17	0 12	18 32	0 29	12 46	2 7	14 16	0 27	16 56	1 41	21 9	13 33	10 46	10 53	27 1	14 1	2 13
T 7	10 11	26 16	3 47	2 25	2 21	26 23	5 3	16 30	0 13	18 30	0 29	12 48	2 6	14 15	0 27	16 57	1 41	21 9	13 34	10 47	10 51	27 1	13 59	2 13
F 8	10 32	27 55	4 29	2 9	2 27	26 30	5 5	16 43	0 13	18 28	0 29	12 51	2 6	14 14	0 27	16 57	1 41	21 9	13 34	10 47	10 50	27 0	13 57	2 14
S 9	10 53	28 13	4 58	1 52	2 32	26 36	5 6	16 56	0 14	18 27	0 30	12 53	2 6	14 13	0 27	16 58	1 41	21 9	13 34	10 47	10 49	26 59	13 56	2 14
S 10	11 14	27 12	5 14	1 33	2 37	26 42	5 7	17 9	0 15	18 25	0 30	12 56	2 6	14 12	0 27	16 59	1 41	21 9	13 34	10 47	10 48	26 58	13 54	2 14
M11	11 34	24 58	5 16	1 12	2 42	26 47	5 8	17 21	0 15	18 23	0 30	12 58	2 6	14 12	0 27	16 59	1 41	21 8	13 35	10 47	10 47	26 57	13 52	2 15
T 12	11 55	21 38	5 5	0 49	2 45	26 52	5 8	17 34	0 16	18 21	0 30	13 1	2 6	14 11	0 27	17 0	1 41	21 8	13 35	10 47	10 46	26 56	13 51	2 15
W13	12 15	17 22	4 40	0 25	2 48	26 55	5 9	17 46	0 17	18 20	0 30	13 3	2 6	14 10	0 27	17 0	1 41	21 8	13 35	10 47	10 45	26 55	13 49	2 16
T 14	12 35	12 20	4 3	0n 1	2 51	26 59	5 9	17 58	0 17	18 18	0 31	13 5	2 6	14 9	0 27	17 1	1 41	21 8	13 36	10 47	10 44	26 54	13 47	2 16
F 15	12 55	6 42	3 13	0 28	2 52	27 1	5 8	18 10	0 18	18 17	0 31	13 8	2 6	14 8	0 27	17 1	1 41	21 8	13 36	10 47	10 42	26 53	13 46	2 16
S 16	13 15	0 39	2 12	0 56	2 53	27 3	5 8	18 22	0 18	18 15	0 31	13 10	2 6	14 8	0 27	17 2	1 41	21 8	13 36	10 47	10 41	26 52	13 44	2 17
S 17	13 34	5n36	1 3	1 26	2 54	27 4	5 7	18 34	0 19	18 14	0 31	13 13	2 6	14 7	0 27	17 2	1 41	21 8	13 36	10 47	10 40	26 51	13 42	2 17
M18	13 53	11 45	0n12	1 58	2 54	27 5	5 5	18 45	0 19	18 12	0 31	13 15	2 6	14 6	0 27	17 3	1 41	21 8	13 37	10 47	10 39	26 50	13 41	2 17
T 19	14 12	17 29	1 28	2 30	2 53	27 5	5 3	18 56	0 20	18 11	0 32	13 18	2 6	14 5	0 26	17 4	1 41	21 7	13 37	10 47	10 38	26 49	13 39	2 18
W20	14 31	22 23	2 39	3 4	2 52	27 4	5 1	19 7	0 21	18 9	0 32	13 20	2 6	14 4	0 26	17 4	1 41	21 7	13 37	10 47	10 37	26 48	13 37	2 18
T 21	14 49	26 0	3 42	3 39	2 50	27 2	4 59	19 18	0 21	18 8	0 32	13 22	2 6	14 4	0 26	17 5	1 41	21 7	13 38	10 47	10 36	26 47	13 36	2 18
F 22	15 8	27 58	4 31	4 15	2 47	26 59	4 56	19 29	0 22	18 7	0 32	13 25	2 6	14 3	0 26	17 5	1 41	21 7	13 38	10 46	10 34	26 46	13 34	2 19
S 23	15 26	28 2	5 3	4 52	2 44	26 56	4 52	19 40	0 22	18 6	0 32	13 27	2 5	14 2	0 26	17 6	1 41	21 7	13 38	10 46	10 33	26 45	13 32	2 19
S 24	15 43	26 13	5 15	5 30	2 41	26 52	4 48	19 50	0 23	18 4	0 33	13 30	2 5	14 1	0 26	17 6	1 41	21 7	13 39	10 45	10 32	26 44	13 30	2 19
M25	16 1	22 44	5 9	6 9	2 37	26 47	4 43	20 0	0 24	18 3	0 33	13 32	2 5	14 0	0 26	17 7	1 41	21 7	13 39	10 45	10 31	26 43	13 29	2 20
T 26	16 18	17 58	4 43	6 49	2 32	26 41	4 38	20 10	0 24	18 2	0 33	13 34	2 5	14 0	0 26	17 7	1 40	21 7	13 39	10 45	10 30	26 42	13 27	2 20
W27	16 35	12 19	4 2	7 30	2 27	26 35	4 33	20 20	0 25	18 1	0 33	13 37	2 5	13 59	0 26	17 8	1 40	21 7	13 40	10 45	10 29	26 41	13 25	2 20
T 28	16 52	6 9	3 7	8 12	2 21	26 27	4 27	20 30	0 25	18 0	0 33	13 39	2 5	13 58	0 26	17 9	1 40	21 7	13 40	10 46	10 28	26 40	13 24	2 21
F 29	17 8	0s13	2 2	8 55	2 15	26 19	4 20	20 39	0 26	17 59	0 34	13 42	2 5	13 57	0 26	17 9	1 40	21 7	13 40	10 46	10 26	26 39	13 22	2 21
S 30	17n24	6s29	0n52	9n38	2s 8	26n 9	4n13	20n48	0n26	17s58	0s34	13n44	2s 5	13s57	0n26	17n10	1s40	21s 7	13s41	10n47	10n25	26s37	13s21	2n21

Julian Day Number = 2290207.5, Delta T = 162.27 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'34, Lahiri = 17°41'34 Julian Calendar 1 Apr. 1558 == Greg. Calendar 11 Apr. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

MAY 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 12 37	19♉33'27	1♏37	2♉ 8	9°R33	1♊32	11♒23	12♉57	8°R25	23♉54	8♓16	27°R58	26♈55	22♑55	12°R17	S 1
M 2	15 16 34	20°31'11	14°29	3°57	9♊13	2°14	11°27	13° 4	8♏23	23°56	8°17	27♈57	26°52	23° 1	12♏13	M 2
T 3	15 20 30	21°28'54	27° 8	5°48	8°50	2°55	11°30	13°12	8°20	23°58	8°18	27°55	26°49	23° 8	12° 8	T 3
W 4	15 24 27	22°26'36	9♐36	7°41	8°26	3°37	11°34	13°20	8°18	24° 0	8°18	27°52	26°46	23°15	12° 4	W 4
T 5	15 28 23	23°24'17	21°51	9°36	7°59	4°18	11°37	13°27	8°15	24° 3	8°19	27°48	26°43	23°22	12° 0	T 5
F 6	15 32 20	24°21'56	3♑57	11°33	7°30	4°59	11°40	13°35	8°13	24° 5	8°19	27°44	26°39	23°28	11°55	F 6
S 7	15 36 16	25°19'34	15°56	13°32	7° 0	5°41	11°43	13°43	8°10	24° 7	8°20	27°39	26°36	23°35	11°51	S 7
S 8	15 40 13	26°17'11	27°50	15°32	6°28	6°22	11°46	13°50	8° 8	24° 9	8°20	27°36	26°33	23°42	11°47	S 8
M 9	15 44 10	27°14'47	9♒43	17°35	5°54	7° 3	11°48	13°58	8° 6	24°12	8°21	27°33	26°30	23°48	11°42	M 9
T 10	15 48 6	28°12'22	21°39	19°39	5°19	7°44	11°50	14° 6	8° 3	24°14	8°21	27°32	26°27	23°55	11°38	T 10
W11	15 52 3	29° 9'56	3♓42	21°45	4°44	8°25	11°52	14°13	8° 1	24°16	8°22	27°D31	26°24	24° 2	11°34	W11
T 12	15 55 59	0♊ 7'29	15°58	23°53	4° 7	9° 6	11°54	14°21	7°59	24°18	8°22	27°32	26°20	24° 9	11°30	T 12
F 13	15 59 56	1° 5'01	28°31	26° 2	3°30	9°47	11°56	14°28	7°57	24°21	8°23	27°34	26°17	24°15	11°26	F 13
S 14	16 3 52	2° 2'33	11♈24	28°12	2°52	10°28	11°58	14°36	7°54	24°23	8°23	27°35	26°14	24°22	11°21	S 14
S 15	16 7 49	3° 0'03	24°42	0♊22	2°15	11° 9	11°59	14°44	7°52	24°25	8°24	27°R36	26°11	24°29	11°17	S 15
M16	16 11 45	3°57'33	8♉25	2°34	1°37	11°50	12° 0	14°51	7°50	24°27	8°24	27°36	26° 8	24°36	11°14	M16
T 17	16 15 42	4°55'02	22°32	4°46	1° 0	12°31	12° 1	14°59	7°48	24°30	8°24	27°34	26° 4	24°42	11°10	T 17
W18	16 19 39	5°52'30	7♊ 1	6°58	0°23	13°12	12° 2	15° 6	7°46	24°32	8°25	27°30	26° 1	24°49	11° 6	W18
T 19	16 23 35	6°49'57	21°45	9°10	29♉48	13°53	12° 2	15°13	7°43	24°34	8°25	27°25	25°58	24°56	11° 2	T 19
F 20	16 27 32	7°47'23	6♋37	11°21	29°13	14°34	12° 3	15°21	7°41	24°36	8°25	27°19	25°55	25° 2	10°58	F 20
S 21	16 31 28	8°44'48	21°28	13°32	28°39	15°14	12° 3	15°28	7°39	24°38	8°25	27°13	25°52	25° 9	10°55	S 21
S 22	16 35 25	9°42'12	6♌11	15°42	28° 7	15°55	12°R 3	15°36	7°37	24°41	8°25	27° 8	25°49	25°16	10°51	S 22
M23	16 39 21	10°39'34	20°39	17°51	27°37	16°36	12° 3	15°43	7°35	24°43	8°26	27° 5	25°45	25°23	10°47	M23
T 24	16 43 18	11°36'56	4♍49	19°58	27° 8	17°16	12° 3	15°50	7°33	24°45	8°26	27° 3	25°42	25°29	10°44	T 24
W25	16 47 15	12°34'16	18°40	22° 4	26°42	17°57	12° 2	15°57	7°31	24°47	8°26	27°D 3	25°39	25°36	10°41	W25
T 26	16 51 11	13°31'35	2♎11	24° 8	26°17	18°37	12° 1	16° 5	7°30	24°49	8°26	27° 4	25°36	25°43	10°37	T 26
F 27	16 55 8	14°28'54	15°25	26°10	25°54	19°18	12° 0	16°12	7°28	24°51	8°26	27° 5	25°33	25°50	10°34	F 27
S 28	16 59 4	15°26'11	28°23	28°11	25°34	19°58	11°59	16°19	7°26	24°54	8°26	27°R 6	25°30	25°56	10°31	S 28
S 29	17 3 1	16°23'27	11♏ 8	0♋ 9	25°16	20°38	11°58	16°26	7°24	24°56	8°26	27° 5	25°26	26° 3	10°28	S 29
M30	17 6 57	17°20'43	23°41	2° 5	25° 0	21°19	11°56	16°33	7°22	24°58	8°R26	27° 2	25°23	26°10	10°25	M30
T 31	17 10 54	18♊17'58	6♐ 4	3♋58	24♉47	21♊59	11♒55	16♉40	7♏21	25♉ 0	8♓26	26♈56	25♈20	26♑16	10♏22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n40	12s23	0s20	10n21	2s 1	25n59	4n 5	20n58	0n27	17s57	0s34	13n46	2s 5	13s56	0n26	17n10	1s40	21s 7	13s41	10n47	10n24	26s36	13s19	2n22
M 2	17 55	17 39	1 30	11 6	1 53	25 47	3 57	21 6	0 27	17 56	0 34	13 49	2 5	13 55	0 26	17 11	1 40	21 7	13 41	10 46	10 23	26 35	13 17	2 22
T 3	18 11	22 3	2 33	11 50	1 45	25 35	3 48	21 15	0 28	17 56	0 35	13 51	2 5	13 54	0 26	17 11	1 40	21 7	13 42	10 46	10 22	26 34	13 16	2 22
W 4	18 26	25 23	3 29	12 35	1 36	25 22	3 39	21 24	0 28	17 55	0 35	13 53	2 5	13 53	0 26	17 12	1 40	21 7	13 42	10 44	10 21	26 33	13 14	2 22
T 5	18 40	27 28	4 14	13 20	1 28	25 7	3 29	21 32	0 29	17 54	0 35	13 56	2 5	13 53	0 26	17 12	1 40	21 8	13 42	10 43	10 19	26 32	13 12	2 23
F 6	18 55	28 13	4 46	14 6	1 18	24 52	3 18	21 40	0 30	17 54	0 35	13 58	2 5	13 52	0 26	17 13	1 40	21 8	13 43	10 41	10 18	26 31	13 11	2 23
S 7	19 9	27 37	5 6	14 51	1 9	24 36	3 7	21 48	0 30	17 53	0 35	14 0	2 5	13 51	0 26	17 14	1 40	21 8	13 43	10 40	10 17	26 30	13 9	2 23
S 8	19 22	25 45	5 13	15 36	0 59	24 19	2 55	21 56	0 31	17 53	0 36	14 2	2 5	13 50	0 26	17 14	1 40	21 8	13 43	10 39	10 16	26 28	13 8	2 23
M 9	19 36	22 46	5 6	16 21	0 48	24 1	2 43	22 3	0 31	17 52	0 36	14 5	2 5	13 50	0 26	17 15	1 40	21 8	13 44	10 38	10 15	26 27	13 6	2 24
T 10	19 49	18 49	4 45	17 5	0 38	23 43	2 31	22 10	0 32	17 52	0 36	14 7	2 5	13 49	0 26	17 15	1 40	21 8	13 44	10 37	10 14	26 26	13 5	2 24
W11	20 1	14 6	4 13	17 48	0 28	23 24	2 18	22 18	0 32	17 51	0 36	14 9	2 5	13 48	0 26	17 16	1 40	21 8	13 44	10 37	10 13	26 25	13 3	2 24
T 12	20 14	8 44	3 28	18 31	0 17	23 4	2 5	22 25	0 33	17 51	0 37	14 11	2 5	13 47	0 26	17 16	1 40	21 8	13 45	10 37	10 11	26 24	13 2	2 24
F 13	20 26	2 55	2 32	19 13	0 6	22 44	1 51	22 31	0 33	17 51	0 37	14 14	2 5	13 47	0 26	17 17	1 40	21 9	13 45	10 38	10 10	26 23	13 0	2 25
S 14	20 37	3n11	1 27	19 53	0n 4	22 23	1 38	22 38	0 34	17 50	0 37	14 16	2 5	13 46	0 26	17 17	1 40	21 9	13 45	10 39	10 9	26 21	12 59	2 25
S 15	20 49	9 21	0 16	20 31	0 15	22 2	1 24	22 44	0 34	17 50	0 37	14 18	2 5	13 45	0 26	17 18	1 40	21 9	13 46	10 39	10 8	26 20	12 57	2 25
M16	21 0	15 16	0n59	21 8	0 25	21 40	1 10	22 50	0 35	17 50	0 38	14 20	2 5	13 45	0 26	17 18	1 40	21 9	13 46	10 39	10 7	26 19	12 56	2 25
T 17	21 10	20 34	2 11	21 43	0 35	21 19	0 55	22 56	0 35	17 50	0 38	14 22	2 5	13 44	0 26	17 19	1 40	21 9	13 47	10 38	10 6	26 18	12 54	2 26
W18	21 20	24 47	3 17	22 16	0 45	20 57	0 41	23 2	0 36	17 50	0 38	14 24	2 5	13 43	0 26	17 20	1 40	21 10	13 47	10 37	10 4	26 16	12 53	2 26
T 19	21 30	27 26	4 12	22 47	0 55	20 36	0 27	23 7	0 36	17 50	0 38	14 26	2 6	13 43	0 26	17 20	1 40	21 10	13 47	10 35	10 3	26 15	12 52	2 26
F 20	21 40	28 9	4 49	23 15	1 4	20 14	0 13	23 13	0 37	17 50	0 39	14 29	2 6	13 42	0 26	17 21	1 40	21 10	13 48	10 33	10 2	26 14	12 50	2 26
S 21	21 49	26 50	5 7	23 40	1 12	19 54	0s 1	23 18	0 37	17 51	0 39	14 31	2 6	13 41	0 26	17 21	1 40	21 10	13 48	10 30	10 1	26 13	12 49	2 26
S 22	21 58	23 42	5 5	24 3	1 20	19 33	0 15	23 23	0 38	17 51	0 39	14 33	2 6	13 41	0 26	17 22	1 40	21 11	13 48	10 29	10 0	26 12	12 48	2 26
M23	22 6	19 7	4 43	24 23	1 27	19 13	0 28	23 27	0 38	17 51	0 39	14 35	2 6	13 40	0 26	17 22	1 40	21 11	13 49	10 27	9 59	26 10	12 47	2 27
T 24	22 14	13 34	4 5	24 41	1 34	18 54	0 42	23 32	0 39	17 51	0 39	14 37	2 6	13 39	0 26	17 23	1 40	21 11	13 49	10 27	9 58	26 9	12 45	2 27
W25	22 22	7 27	3 12	24 55	1 40	18 35	0 55	23 36	0 39	17 52	0 40	14 39	2 6	13 39	0 26	17 23	1 40	21 11	13 49	10 27	9 56	26 8	12 44	2 27
T 26	22 29	1 7	2 10	25 7	1 45	18 17	1 7	23 40	0 40	17 52	0 40	14 41	2 6	13 38	0 26	17 24	1 41	21 12	13 50	10 27	9 55	26 6	12 43	2 27
F 27	22 36	5s 7	1 3	25 16	1 50	18 0	1 19	23 44	0 40	17 53	0 40	14 43	2 6	13 38	0 26	17 24	1 41	21 12	13 50	10 28	9 54	26 5	12 42	2 27
S 28	22 42	11 2	0s 7	25 23	1 53	17 43	1 31	23 47	0 40	17 53	0 40	14 45	2 6	13 37	0 26	17 25	1 41	21 12	13 51	10 28	9 53	26 4	12 41	2 27
S 29	22 48	16 23	1 15	25 26	1 57	17 28	1 43	23 51	0 41	17 54	0 41	14 47	2 6	13 37	0 26	17 25	1 41	21 13	13 51	10 27	9 52	26 2	12 40	2 28
M30	22 54	20 58	2 18	25 28	1 59	17 14	1 54	23 54	0 41	17 55	0 41	14 49	2 6	13 36	0 26	17 26	1 41	21 13	13 51	10 26	9 51	26 1	12 39	2 28
T 31	22n59	24s33	3s13	25n27	2n 0	17n 0	2s 4	23n57	0n42	17s55	0s41	14n51	2s 6	13s35	0n26	17n26	1s41	21s13	13s52	10n24	9n49	26s 0	12s38	2n28

Julian Day Number = 2290237.5, Delta T = 162.09 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'38, Lahiri = 17°41'38 Julian Calendar 1 May 1558 == Greg. Calendar 11 May 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

JUNE 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 14 50	19♊15'12	18♐18	5♋50	24°R36	22♊39	11°R53	16♉47	7°R19	25♉ 2	8°R26	26°R49	25♈17	26♑23	10°R19	W 1
T 2	17 18 47	20°12'26	0♑25	7°39	24♉27	23°20	11♒51	16°54	7♏17	25° 4	8♓26	26♈40	25°14	26°30	10♏16	T 2
F 3	17 22 44	21° 9'40	12°25	9°26	24°21	24° 0	11°48	17° 1	7°16	25° 6	8°26	26°30	25°10	26°37	10°13	F 3
S 4	17 26 40	22° 6'53	24°21	11°10	24°18	24°40	11°46	17° 8	7°14	25° 8	8°26	26°20	25° 7	26°43	10°11	S 4
S 5	17 30 37	23° 4'06	6♒13	12°52	24°D16	25°20	11°43	17°15	7°13	25°10	8°26	26°10	25° 4	26°50	10° 8	S 5
M 6	17 34 33	24° 1'18	18° 5	14°32	24°17	26° 0	11°40	17°21	7°11	25°12	8°26	26° 3	25° 1	26°57	10° 6	M 6
T 7	17 38 30	24°58'30	29°59	16°10	24°21	26°40	11°38	17°28	7°10	25°14	8°25	25°58	24°58	27° 4	10° 4	T 7
W 8	17 42 26	25°55'42	12♓ 2	17°44	24°26	27°20	11°34	17°35	7° 8	25°16	8°25	25°55	24°55	27°10	10° 1	W 8
T 9	17 46 23	26°52'54	24°15	19°17	24°34	28° 0	11°31	17°42	7° 7	25°18	8°25	25°D53	24°51	27°17	9°59	T 9
F 10	17 50 19	27°50'06	6♈44	20°47	24°44	28°40	11°27	17°48	7° 6	25°20	8°25	25°54	24°48	27°24	9°57	F 10
S 11	17 54 16	28°47'18	19°35	22°15	24°56	29°20	11°24	17°55	7° 4	25°22	8°25	25°R54	24°45	27°30	9°55	S 11
S 12	17 58 13	29°44'31	2♉50	23°40	25°10	29°59	11°20	18° 1	7° 3	25°24	8°24	25°54	24°42	27°37	9°53	S 12
M13	18 2 9	0♋41'43	16°34	25° 3	25°26	0♋40	11°16	18° 8	7° 2	25°26	8°24	25°53	24°39	27°44	9°51	M13
T 14	18 6 6	1°38'55	0♊46	26°23	25°43	1°20	11°12	18°14	7° 1	25°28	8°24	25°49	24°36	27°51	9°50	T 14
W15	18 10 2	2°36'08	15°25	27°41	26° 3	1°59	11° 7	18°20	7° 0	25°30	8°23	25°42	24°32	27°57	9°48	W15
T 16	18 13 59	3°33'20	0♋23	28°56	26°25	2°39	11° 3	18°27	6°59	25°32	8°23	25°34	24°29	28° 4	9°47	T 16
F 17	18 17 55	4°30'33	15°34	0♌ 8	26°48	3°19	10°58	18°33	6°58	25°34	8°22	25°24	24°26	28°11	9°45	F 17
S 18	18 21 52	5°27'45	0♌45	1°18	27°13	3°59	10°53	18°39	6°57	25°35	8°22	25°14	24°23	28°17	9°44	S 18
S 19	18 25 48	6°24'57	15°48	2°25	27°39	4°38	10°48	18°45	6°56	25°37	8°22	25° 6	24°20	28°24	9°43	S 19
M20	18 29 45	7°22'09	0♍32	3°28	28° 7	5°18	10°43	18°51	6°55	25°39	8°21	24°59	24°16	28°31	9°42	M20
T 21	18 33 42	8°19'21	14°53	4°29	28°37	5°57	10°37	18°57	6°54	25°41	8°21	24°55	24°13	28°38	9°41	T 21
W22	18 37 38	9°16'32	28°48	5°27	29° 7	6°37	10°32	19° 3	6°54	25°43	8°20	24°53	24°10	28°44	9°40	W22
T 23	18 41 35	10°13'43	12♎18	6°22	29°40	7°17	10°26	19° 9	6°53	25°44	8°20	24°D53	24° 7	28°51	9°39	T 23
F 24	18 45 31	11°10'55	25°25	7°13	0♊13	7°56	10°21	19°15	6°52	25°46	8°19	24°R53	24° 4	28°58	9°38	F 24
S 25	18 49 28	12° 8'06	8♏13	8° 1	0°48	8°35	10°15	19°20	6°52	25°48	8°18	24°52	24° 1	29° 5	9°38	S 25
S 26	18 53 24	13° 5'17	20°45	8°45	1°24	9°15	10° 9	19°26	6°51	25°49	8°18	24°50	23°57	29°11	9°37	S 26
M27	18 57 21	14° 2'28	3♐ 5	9°26	2° 1	9°54	10° 2	19°32	6°51	25°51	8°17	24°45	23°54	29°18	9°37	M27
T 28	19 1 17	14°59'40	15°16	10° 3	2°40	10°34	9°56	19°37	6°50	25°53	8°17	24°38	23°51	29°25	9°37	T 28
W29	19 5 14	15°56'51	27°20	10°35	3°19	11°13	9°50	19°43	6°50	25°54	8°16	24°27	23°48	29°31	9°36	W29
T 30	19 9 11	16♋54'03	9♑19	11♌ 4	4♊ 0	11♋52	9♒43	19♉48	6♏50	25♉56	8♓15	24♈15	23♈45	29♑38	9°D36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 4	26s57	3s59	25n23	2n 1	16n48	2s14	24n 0	0n42	17s56	0s41	14n53	2s 6	13s35	0n26	17n27	1s41	21s14	13s52	10n22	9n48	25s59	12s37	2n28
T 2	23 8	28 4	4 34	25 18	2 1	16 36	2 24	24 3	0 43	17 57	0 42	14 54	2 6	13 34	0 26	17 27	1 41	21 14	13 52	10 18	9 47	25 57	12 36	2 28
F 3	23 12	27 49	4 56	25 10	2 1	16 26	2 33	24 5	0 43	17 58	0 42	14 56	2 6	13 34	0 26	17 28	1 41	21 14	13 53	10 15	9 46	25 56	12 35	2 28
S 4	23 16	26 17	5 4	25 1	1 59	16 17	2 42	24 7	0 44	17 59	0 42	14 58	2 7	13 33	0 26	17 28	1 41	21 15	13 53	10 11	9 45	25 54	12 34	2 28
S 5	23 19	23 36	5 0	24 49	1 57	16 8	2 50	24 9	0 44	18 0	0 42	15 0	2 7	13 33	0 26	17 29	1 41	21 15	13 53	10 8	9 44	25 53	12 33	2 28
M 6	23 22	19 55	4 43	24 36	1 55	16 1	2 58	24 11	0 45	18 1	0 43	15 2	2 7	13 32	0 26	17 29	1 41	21 15	13 54	10 5	9 42	25 52	12 32	2 28
T 7	23 24	15 26	4 13	24 21	1 51	15 55	3 5	24 12	0 45	18 2	0 43	15 4	2 7	13 32	0 26	17 29	1 41	21 16	13 54	10 3	9 41	25 50	12 31	2 29
W 8	23 26	10 20	3 32	24 5	1 47	15 49	3 12	24 14	0 45	18 3	0 43	15 5	2 7	13 32	0 26	17 30	1 41	21 16	13 55	10 2	9 40	25 49	12 30	2 29
T 9	23 28	4 45	2 40	23 48	1 42	15 45	3 18	24 15	0 46	18 4	0 43	15 7	2 7	13 31	0 26	17 30	1 41	21 17	13 55	10 2	9 39	25 48	12 30	2 29
F 10	23 29	1n 9	1 40	23 29	1 37	15 42	3 24	24 16	0 46	18 5	0 44	15 9	2 7	13 31	0 26	17 31	1 41	21 17	13 55	10 2	9 38	25 46	12 29	2 29
S 11	23 30	7 10	0 34	23 9	1 31	15 39	3 30	24 17	0 47	18 6	0 44	15 11	2 7	13 30	0 26	17 31	1 41	21 18	13 56	10 2	9 37	25 45	12 28	2 29
S 12	23 30	13 4	0n37	22 49	1 25	15 37	3 35	24 17	0 47	18 8	0 44	15 12	2 7	13 30	0 25	17 32	1 41	21 18	13 56	10 2	9 35	25 43	12 27	2 29
M13	23 30	18 33	1 48	22 27	1 18	15 36	3 40	24 17	0 48	18 9	0 44	15 14	2 7	13 30	0 25	17 32	1 41	21 18	13 56	10 1	9 34	25 42	12 27	2 29
T 14	23 29	23 12	2 54	22 4	1 10	15 36	3 44	24 17	0 48	18 10	0 44	15 16	2 7	13 29	0 25	17 33	1 41	21 19	13 57	10 0	9 33	25 41	12 26	2 29
W15	23 28	26 32	3 51	21 41	1 2	15 37	3 49	24 17	0 48	18 12	0 45	15 17	2 8	13 29	0 25	17 33	1 41	21 19	13 57	9 57	9 32	25 39	12 26	2 29
T 16	23 27	28 4	4 34	21 17	0 53	15 38	3 52	24 17	0 49	18 13	0 45	15 19	2 8	13 29	0 25	17 33	1 41	21 20	13 57	9 54	9 31	25 38	12 25	2 29
F 17	23 25	27 31	4 58	20 53	0 44	15 40	3 56	24 17	0 49	18 15	0 45	15 20	2 8	13 28	0 25	17 34	1 41	21 20	13 58	9 51	9 30	25 36	12 25	2 29
S 18	23 23	24 55	5 1	20 28	0 34	15 43	3 59	24 16	0 50	18 16	0 45	15 22	2 8	13 28	0 25	17 34	1 41	21 21	13 58	9 47	9 28	25 35	12 24	2 29
S 19	23 21	20 38	4 43	20 3	0 24	15 46	4 1	24 15	0 50	18 18	0 46	15 24	2 8	13 28	0 25	17 35	1 41	21 21	13 58	9 44	9 27	25 33	12 24	2 30
M20	23 18	15 9	4 6	19 38	0 13	15 50	4 4	24 14	0 50	18 20	0 46	15 25	2 8	13 28	0 25	17 35	1 41	21 22	13 59	9 42	9 26	25 32	12 23	2 30
T 21	23 14	8 58	3 15	19 13	0 2	15 54	4 6	24 13	0 51	18 21	0 46	15 27	2 8	13 27	0 25	17 35	1 41	21 22	13 59	9 40	9 25	25 30	12 23	2 30
W22	23 10	2 31	2 14	18 48	0s10	15 59	4 8	24 11	0 51	18 23	0 46	15 28	2 8	13 27	0 25	17 36	1 41	21 23	13 59	9 40	9 24	25 29	12 23	2 30
T 23	23 6	3s51	1 6	18 23	0 22	16 4	4 10	24 9	0 52	18 25	0 47	15 30	2 9	13 27	0 25	17 36	1 41	21 23	14 0	9 39	9 23	25 27	12 22	2 30
F 24	23 2	9 54	0s 3	17 58	0 34	16 9	4 11	24 7	0 52	18 27	0 47	15 31	2 9	13 27	0 25	17 36	1 41	21 24	14 0	9 40	9 21	25 26	12 22	2 30
S 25	22 57	15 23	1 10	17 33	0 47	16 16	4 12	24 5	0 52	18 28	0 47	15 32	2 9	13 27	0 25	17 37	1 41	21 24	14 0	9 39	9 20	25 24	12 22	2 30
S 26	22 51	20 7	2 12	17 9	1 0	16 22	4 13	24 3	0 53	18 30	0 47	15 34	2 9	13 26	0 25	17 37	1 41	21 25	14 1	9 38	9 19	25 23	12 22	2 30
M27	22 45	23 53	3 7	16 46	1 13	16 29	4 13	24 1	0 53	18 32	0 47	15 35	2 9	13 26	0 25	17 38	1 41	21 25	14 1	9 37	9 18	25 21	12 21	2 30
T 28	22 39	26 32	3 53	16 23	1 27	16 36	4 14	23 58	0 53	18 34	0 48	15 37	2 9	13 26	0 25	17 38	1 41	21 26	14 1	9 34	9 17	25 20	12 21	2 30
W29	22 33	27 55	4 27	16 1	1 40	16 43	4 14	23 55	0 54	18 36	0 48	15 38	2 9	13 26	0 25	17 38	1 41	21 26	14 1	9 30	9 16	25 18	12 21	2 30
T 30	22n26	27s59	4s50	15n40	1s54	16n51	4s14	23n52	0n54	18s38	0s48	15n39	2s 9	13s26	0n25	17n39	1s41	21s27	14s 2	9n26	9n14	25s17	12s21	2n30

Julian Day Number = 2290268.5, Delta T = 161.92 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'42, Lahiri = 17°41'42 Julian Calendar 1 June 1558 == Greg. Calendar 11 June 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

JULY 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 13 7	17♋51'15	21♉14	11♌29	4♊41	12♋32	9°R37	19♉53	6°R49	25♉57	8°R15	24°R 1	23♈42	29♉45	9♏36	F 1
S 2	19 17 4	18°48'28	3♒ 7	11°49	5°24	13°11	9♒30	19°59	6♏49	25°59	8♓14	23♈48	23°38	29°52	9°37	S 2
S 3	19 21 0	19°45'41	14°59	12° 4	6° 7	13°50	9°23	20° 4	6°49	26° 0	8°13	23°35	23°35	29°58	9°37	S 3
M 4	19 24 57	20°42'55	26°52	12°15	6°52	14°29	9°16	20° 9	6°49	26° 2	8°12	23°24	23°32	0♒ 5	9°37	M 4
T 5	19 28 53	21°40'09	8♓49	12°21	7°37	15° 8	9° 9	20°14	6°49	26° 3	8°12	23°16	23°29	0°12	9°38	T 5
W 6	19 32 50	22°37'25	20°52	12°R22	8°23	15°47	9° 2	20°19	6°D49	26° 5	8°11	23°11	23°26	0°19	9°38	W 6
T 7	19 36 47	23°34'40	3♈ 5	12°18	9°10	16°27	8°55	20°24	6°49	26° 6	8°10	23° 9	23°22	0°25	9°39	T 7
F 8	19 40 43	24°31'57	15°33	12° 9	9°58	17° 6	8°48	20°29	6°49	26° 7	8° 9	23° 8	23°19	0°32	9°40	F 8
S 9	19 44 40	25°29'15	28°20	11°55	10°47	17°45	8°40	20°33	6°49	26° 9	8° 8	23° 8	23°16	0°39	9°41	S 9
S 10	19 48 36	26°26'34	11♉31	11°36	11°36	18°24	8°33	20°38	6°49	26°10	8° 7	23° 7	23°13	0°45	9°42	S 10
M11	19 52 33	27°23'53	25° 8	11°13	12°26	19° 3	8°25	20°43	6°49	26°11	8° 7	23° 5	23°10	0°52	9°43	M11
T 12	19 56 29	28°21'14	9♊15	10°45	13°17	19°42	8°18	20°47	6°49	26°13	8° 6	23° 1	23° 7	0°59	9°44	T 12
W13	20 0 26	29°18'36	23°50	10°13	14° 8	20°21	8°10	20°52	6°50	26°14	8° 5	22°54	23° 3	1° 6	9°45	W13
T 14	20 4 22	0♌15'59	8♋49	9°37	15° 0	21° 0	8° 2	20°56	6°50	26°15	8° 4	22°45	23° 0	1°12	9°47	T 14
F 15	20 8 19	1°13'23	24° 3	8°58	15°52	21°38	7°55	21° 0	6°51	26°16	8° 3	22°35	22°57	1°19	9°48	F 15
S 16	20 12 16	2°10'48	9♌22	8°16	16°46	22°17	7°47	21° 4	6°51	26°18	8° 2	22°24	22°54	1°26	9°50	S 16
S 17	20 16 12	3° 8'14	24°35	7°32	17°39	22°56	7°39	21° 8	6°52	26°19	8° 1	22°15	22°51	1°32	9°51	S 17
M18	20 20 9	4° 5'40	9♍31	6°46	18°34	23°35	7°32	21°12	6°52	26°20	8° 0	22° 7	22°48	1°39	9°53	M18
T 19	20 24 5	5° 3'07	24° 3	6° 0	19°28	24°14	7°24	21°16	6°53	26°21	7°59	22° 2	22°44	1°46	9°55	T 19
W20	20 28 2	6° 0'34	8♎ 7	5°14	20°24	24°53	7°16	21°20	6°54	26°22	7°58	22° 0	22°41	1°53	9°57	W20
T 21	20 31 58	6°58'03	21°43	4°30	21°19	25°31	7° 8	21°24	6°54	26°23	7°57	22°D 0	22°38	1°59	9°59	T 21
F 22	20 35 55	7°55'32	4♏52	3°47	22°16	26°10	7° 0	21°27	6°55	26°24	7°56	22°R 0	22°35	2° 6	10° 2	F 22
S 23	20 39 51	8°53'02	17°38	3° 7	23°12	26°49	6°52	21°31	6°56	26°25	7°55	21°59	22°32	2°13	10° 4	S 23
S 24	20 43 48	9°50'33	0♐ 6	2°31	24° 9	27°27	6°45	21°34	6°57	26°26	7°54	21°58	22°28	2°20	10° 6	S 24
M25	20 47 45	10°48'05	12°21	1°58	25° 7	28° 6	6°37	21°38	6°58	26°27	7°53	21°54	22°25	2°26	10° 9	M25
T 26	20 51 41	11°45'38	24°25	1°31	26° 5	28°45	6°29	21°41	6°59	26°27	7°52	21°47	22°22	2°33	10°12	T 26
W27	20 55 38	12°43'11	6♑22	1°10	27° 3	29°23	6°21	21°44	7° 0	26°28	7°51	21°38	22°19	2°40	10°14	W27
T 28	20 59 34	13°40'46	18°16	0°55	28° 2	0♌ 2	6°14	21°47	7° 1	26°29	7°49	21°27	22°16	2°46	10°17	T 28
F 29	21 3 31	14°38'22	0♒ 9	0°46	29° 1	0°40	6° 6	21°50	7° 2	26°30	7°48	21°15	22°13	2°53	10°20	F 29
S 30	21 7 27	15°35'59	12° 2	0°D44	0♋ 1	1°19	5°58	21°53	7° 3	26°31	7°47	21° 3	22° 9	3° 0	10°23	S 30
S 31	21 11 24	16♌33'37	23♒57	0♌49	1♋ 1	1♌57	5♒51	21♉56	7♏ 5	26♉31	7♓46	20♈51	22♈ 6	3♒ 7	10♏26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n18	26s44	4s59	15n19	2s 8	16n58	4s13	23n49	0n55	18s40	0s48	15n40	2s10	13s26	0n25	17n39	1s42	21s27	14s 2	9n20	9n13	25s15	12s21	2n30
S 2	22 11	24 18	4 56	15 0	2 23	17 6	4 13	23 45	0 55	18 42	0 48	15 42	2 10	13 26	0 25	17 39	1 42	21 28	14 2	9 15	9 12	25 14	12 21	2 30
S 3	22 2	20 49	4 39	14 43	2 37	17 14	4 12	23 42	0 55	18 44	0 49	15 43	2 10	13 26	0 25	17 40	1 42	21 28	14 3	9 11	9 11	25 12	12 21	2 30
M 4	21 54	16 31	4 11	14 26	2 51	17 23	4 11	23 38	0 56	18 46	0 49	15 44	2 10	13 26	0 25	17 40	1 42	21 29	14 3	9 7	9 10	25 10	12 21	2 30
T 5	21 45	11 33	3 31	14 11	3 5	17 31	4 10	23 34	0 56	18 48	0 49	15 45	2 10	13 26	0 25	17 40	1 42	21 30	14 3	9 4	9 8	25 9	12 22	2 30
W 6	21 36	6 6	2 41	13 58	3 18	17 39	4 9	23 30	0 56	18 50	0 49	15 46	2 10	13 26	0 25	17 40	1 42	21 30	14 3	9 2	9 7	25 7	12 22	2 30
T 7	21 26	0 21	1 44	13 46	3 31	17 48	4 8	23 25	0 57	18 52	0 49	15 48	2 11	13 26	0 25	17 41	1 42	21 31	14 4	9 1	9 6	25 6	12 22	2 30
F 8	21 16	5n31	0 40	13 37	3 44	17 56	4 6	23 21	0 57	18 54	0 49	15 49	2 11	13 26	0 25	17 41	1 42	21 31	14 4	9 1	9 5	25 4	12 22	2 30
S 9	21 6	11 20	0n28	13 29	3 56	18 5	4 5	23 16	0 57	18 56	0 50	15 50	2 11	13 26	0 25	17 41	1 42	21 32	14 4	9 1	9 4	25 2	12 22	2 30
S 10	20 55	16 50	1 36	13 23	4 7	18 13	4 3	23 11	0 58	18 58	0 50	15 51	2 11	13 26	0 25	17 42	1 42	21 32	14 5	9 0	9 3	25 1	12 23	2 30
M11	20 44	21 41	2 40	13 19	4 18	18 22	4 1	23 6	0 58	19 0	0 50	15 52	2 11	13 26	0 25	17 42	1 42	21 33	14 5	9 0	9 1	24 59	12 23	2 30
T 12	20 33	25 29	3 38	13 18	4 27	18 30	3 59	23 1	0 58	19 3	0 50	15 53	2 11	13 26	0 25	17 42	1 42	21 34	14 5	8 58	9 0	24 58	12 23	2 30
W13	20 21	27 44	4 23	13 18	4 35	18 38	3 56	22 55	0 59	19 5	0 50	15 54	2 12	13 26	0 25	17 42	1 42	21 34	14 5	8 56	8 59	24 56	12 24	2 30
T 14	20 9	28 3	4 52	13 21	4 42	18 47	3 54	22 50	0 59	19 7	0 50	15 55	2 12	13 27	0 25	17 42	1 42	21 35	14 6	8 52	8 58	24 54	12 24	2 30
F 15	19 56	26 17	5 0	13 26	4 48	18 55	3 51	22 44	0 59	19 9	0 51	15 56	2 12	13 27	0 24	17 43	1 42	21 35	14 6	8 48	8 57	24 53	12 25	2 30
S 16	19 43	22 34	4 48	13 33	4 52	19 3	3 49	22 38	1 0	19 11	0 51	15 57	2 12	13 27	0 24	17 43	1 42	21 36	14 6	8 44	8 56	24 51	12 25	2 30
S 17	19 30	17 21	4 14	13 42	4 54	19 10	3 46	22 32	1 0	19 13	0 51	15 58	2 12	13 27	0 24	17 43	1 42	21 36	14 6	8 41	8 54	24 49	12 26	2 30
M18	19 17	11 10	3 24	13 53	4 54	19 18	3 43	22 26	1 0	19 15	0 51	15 58	2 12	13 27	0 24	17 43	1 42	21 37	14 7	8 38	8 53	24 48	12 26	2 30
T 19	19 3	4 32	2 22	14 5	4 53	19 25	3 40	22 19	1 1	19 18	0 51	15 59	2 13	13 28	0 24	17 44	1 42	21 38	14 7	8 36	8 52	24 46	12 27	2 30
W20	18 49	2s 7	1 13	14 19	4 50	19 32	3 37	22 12	1 1	19 20	0 51	16 0	2 13	13 28	0 24	17 44	1 42	21 38	14 7	8 35	8 51	24 44	12 27	2 30
T 21	18 35	8 28	0 1	14 34	4 45	19 39	3 34	22 6	1 1	19 22	0 51	16 1	2 13	13 28	0 24	17 44	1 42	21 39	14 7	8 35	8 50	24 43	12 28	2 30
F 22	18 20	14 14	1s 8	14 51	4 38	19 46	3 31	21 59	1 2	19 24	0 52	16 2	2 13	13 29	0 24	17 44	1 42	21 39	14 7	8 35	8 48	24 41	12 29	2 30
S 23	18 5	19 14	2 11	15 8	4 30	19 52	3 28	21 52	1 2	19 26	0 52	16 2	2 13	13 29	0 24	17 44	1 43	21 40	14 8	8 35	8 47	24 39	12 30	2 30
S 24	17 50	23 16	3 7	15 26	4 19	19 58	3 24	21 44	1 2	19 28	0 52	16 3	2 14	13 29	0 24	17 44	1 43	21 41	14 8	8 35	8 46	24 37	12 30	2 30
M25	17 34	26 11	3 54	15 44	4 8	20 4	3 21	21 37	1 3	19 30	0 52	16 4	2 14	13 29	0 24	17 45	1 43	21 41	14 8	8 33	8 45	24 36	12 31	2 30
T 26	17 18	27 51	4 28	16 3	3 55	20 9	3 17	21 29	1 3	19 32	0 52	16 4	2 14	13 30	0 24	17 45	1 43	21 42	14 8	8 31	8 44	24 34	12 32	2 30
W27	17 2	28 12	4 51	16 21	3 41	20 14	3 14	21 22	1 3	19 34	0 52	16 5	2 14	13 30	0 24	17 45	1 43	21 42	14 8	8 27	8 42	24 32	12 33	2 30
T 28	16 46	27 13	5 1	16 39	3 26	20 19	3 10	21 14	1 4	19 36	0 52	16 6	2 14	13 31	0 24	17 45	1 43	21 43	14 9	8 23	8 41	24 31	12 34	2 30
F 29	16 29	25 1	4 58	16 56	3 10	20 24	3 6	21 6	1 4	19 38	0 52	16 6	2 15	13 31	0 24	17 45	1 43	21 44	14 9	8 19	8 40	24 29	12 35	2 30
S 30	16 12	21 44	4 42	17 13	2 54	20 28	3 2	20 57	1 4	19 40	0 52	16 7	2 15	13 31	0 24	17 45	1 43	21 44	14 9	8 14	8 39	24 27	12 35	2 30
S 31	15n55	17s33	4s14	17n28	2s37	20n31	2s58	20n49	1n 4	19s42	0s53	16n 7	2s15	13s32	0n24	17n45	1s43	21s45	14s 9	8n10	8n38	24s25	12s36	2n30

Julian Day Number = 2290298.5, Delta T = 161.74 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'46, Lahiri = 17°41'46 Julian Calendar 1 July 1558 == Greg. Calendar 11 July 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

AUGUST 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 15 20	17♌31'17	5♓55	1♌ 2	2♋ 1	2♌36	5°R43	21♉58	7♏ 6	26♉32	7°R45	20°R42	22♈ 3	3♒13	10♏29	M 1
T 2	21 19 17	18°28'58	17°57	1°22	3° 2	3°14	5♒36	22° 1	7° 7	26°33	7♓44	20♈35	22° 0	3°20	10°33	T 2
W 3	21 23 14	19°26'40	0♈ 7	1°49	4° 3	3°53	5°28	22° 4	7° 9	26°33	7°43	20°30	21°57	3°27	10°36	W 3
T 4	21 27 10	20°24'24	12°27	2°24	5° 4	4°31	5°21	22° 6	7°10	26°34	7°41	20°28	21°54	3°33	10°40	T 4
F 5	21 31 7	21°22'10	24°59	3° 7	6° 6	5°10	5°14	22° 8	7°12	26°34	7°40	20°D28	21°50	3°40	10°43	F 5
S 6	21 35 3	22°19'57	7♉48	3°56	7° 8	5°48	5° 7	22°10	7°13	26°35	7°39	20°29	21°47	3°47	10°47	S 6
S 7	21 39 0	23°17'47	20°57	4°52	8°10	6°26	5° 0	22°12	7°15	26°35	7°38	20°R29	21°44	3°54	10°51	S 7
M 8	21 42 56	24°15'37	4♊29	5°55	9°13	7° 5	4°53	22°14	7°16	26°36	7°37	20°29	21°41	4° 0	10°54	M 8
T 9	21 46 53	25°13'30	18°26	7° 5	10°16	7°43	4°46	22°16	7°18	26°36	7°35	20°27	21°38	4° 7	10°58	T 9
W10	21 50 49	26°11'25	2♋49	8°20	11°19	8°21	4°39	22°18	7°20	26°37	7°34	20°22	21°34	4°14	11° 2	W10
T 11	21 54 46	27° 9'22	17°35	9°42	12°23	8°59	4°32	22°20	7°22	26°37	7°33	20°16	21°31	4°21	11° 7	T 11
F 12	21 58 43	28° 7'20	2♌37	11° 8	13°26	9°38	4°26	22°21	7°23	26°37	7°32	20° 9	21°28	4°27	11°11	F 12
S 13	22 2 39	29° 5'20	17°48	12°40	14°30	10°16	4°19	22°23	7°25	26°37	7°30	20° 1	21°25	4°34	11°15	S 13
S 14	22 6 36	0♍ 3'21	2♍56	14°16	15°34	10°54	4°13	22°24	7°27	26°38	7°29	19°54	21°22	4°41	11°19	S 14
M15	22 10 32	1° 1'24	17°52	15°56	16°39	11°32	4° 7	22°25	7°29	26°38	7°28	19°48	21°19	4°47	11°24	M15
T 16	22 14 29	1°59'29	2♎28	17°39	17°44	12°10	4° 1	22°26	7°31	26°38	7°27	19°45	21°15	4°54	11°28	T 16
W17	22 18 25	2°57'35	16°38	19°25	18°49	12°49	3°55	22°27	7°33	26°38	7°25	19°D44	21°12	5° 1	11°33	W17
T 18	22 22 22	3°55'43	0♏20	21°14	19°54	13°27	3°49	22°28	7°35	26°38	7°24	19°44	21° 9	5° 8	11°38	T 18
F 19	22 26 18	4°53'52	13°35	23° 5	20°59	14° 5	3°43	22°29	7°38	26°38	7°23	19°45	21° 6	5°14	11°43	F 19
S 20	22 30 15	5°52'03	26°25	24°57	22° 5	14°43	3°38	22°30	7°40	26°38	7°22	19°47	21° 3	5°21	11°48	S 20
S 21	22 34 12	6°50'15	8♐55	26°51	23°11	15°21	3°32	22°30	7°42	26°R39	7°20	19°R47	21° 0	5°28	11°52	S 21
M22	22 38 8	7°48'28	21° 9	28°46	24°17	15°59	3°27	22°31	7°44	26°38	7°19	19°46	20°56	5°34	11°58	M22
T 23	22 42 5	8°46'44	3♑12	0♍41	25°23	16°37	3°22	22°31	7°47	26°38	7°18	19°43	20°53	5°41	12° 3	T 23
W24	22 46 1	9°45'00	15° 8	2°36	26°29	17°15	3°17	22°32	7°49	26°38	7°17	19°39	20°50	5°48	12° 8	W24
T 25	22 49 58	10°43'19	27° 0	4°31	27°36	17°53	3°12	22°32	7°51	26°38	7°16	19°33	20°47	5°55	12°13	T 25
F 26	22 53 54	11°41'39	8♒52	6°27	28°43	18°31	3° 8	22°R32	7°54	26°38	7°14	19°26	20°44	6° 1	12°18	F 26
S 27	22 57 51	12°40'00	20°47	8°21	29°50	19° 9	3° 3	22°32	7°56	26°38	7°13	19°19	20°40	6° 8	12°24	S 27
S 28	23 1 47	13°38'24	2♓47	10°16	0♌57	19°47	2°59	22°32	7°59	26°38	7°12	19°13	20°37	6°15	12°29	S 28
M29	23 5 44	14°36'49	14°54	12° 9	2° 5	20°25	2°55	22°31	8° 1	26°37	7°11	19° 7	20°34	6°21	12°35	M29
T 30	23 9 41	15°35'16	27° 8	14° 2	3°12	21° 3	2°51	22°31	8° 4	26°37	7° 9	19° 4	20°31	6°28	12°41	T 30
W31	23 13 37	16♍33'45	9♈31	15♍54	4♌20	21♌41	2♒47	22♉30	8♏ 7	26♉37	7♓ 8	19♈ 2	20♈28	6♒35	12♏46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n37	12s41	3s34	17n42	2s20	20n35	2s55	20n41	1n 5	19s44	0s53	16n 8	2s15	13s32	0n24	17n45	1s43	21s45	14s 9	8n 6	8n37	24s23	12s37	2n30
T 2	15 20	7 17	2 44	17 55	2 3	20 37	2 51	20 32	1 5	19 46	0 53	16 8	2 15	13 33	0 24	17 46	1 43	21 46	14 9	8 3	8 35	24 22	12 38	2 30
W 3	15 2	1 35	1 46	18 6	1 45	20 40	2 46	20 23	1 5	19 48	0 53	16 9	2 16	13 33	0 24	17 46	1 43	21 46	14 9	8 2	8 34	24 20	12 39	2 30
T 4	14 43	4n17	0 43	18 15	1 28	20 42	2 42	20 14	1 6	19 50	0 53	16 9	2 16	13 34	0 24	17 46	1 43	21 47	14 10	8 1	8 33	24 18	12 41	2 30
F 5	14 25	10 4	0n24	18 21	1 11	20 43	2 38	20 5	1 6	19 52	0 53	16 9	2 16	13 34	0 24	17 46	1 43	21 48	14 10	8 1	8 32	24 16	12 42	2 30
S 6	14 6	15 35	1 31	18 26	0 55	20 45	2 34	19 56	1 6	19 54	0 53	16 10	2 16	13 35	0 24	17 46	1 43	21 48	14 10	8 1	8 31	24 15	12 43	2 30
S 7	13 47	20 32	2 36	18 28	0 38	20 45	2 30	19 47	1 6	19 55	0 53	16 10	2 16	13 35	0 24	17 46	1 43	21 49	14 10	8 1	8 29	24 13	12 44	2 30
M 8	13 28	24 35	3 33	18 28	0 23	20 45	2 26	19 37	1 7	19 57	0 53	16 10	2 17	13 36	0 24	17 46	1 43	21 49	14 10	8 1	8 28	24 11	12 45	2 30
T 9	13 9	27 19	4 20	18 25	0 8	20 45	2 21	19 28	1 7	19 59	0 53	16 11	2 17	13 37	0 24	17 46	1 43	21 50	14 10	8 0	8 27	24 9	12 46	2 30
W10	12 49	28 20	4 52	18 20	0n 6	20 44	2 17	19 18	1 7	20 1	0 53	16 11	2 17	13 37	0 24	17 46	1 44	21 50	14 10	7 59	8 26	24 7	12 48	2 30
T 11	12 29	27 23	5 6	18 11	0 20	20 43	2 13	19 8	1 7	20 2	0 53	16 11	2 17	13 38	0 24	17 46	1 44	21 51	14 10	7 56	8 25	24 5	12 49	2 30
F 12	12 9	24 28	4 59	17 59	0 32	20 41	2 8	18 58	1 8	20 4	0 53	16 11	2 17	13 38	0 24	17 46	1 44	21 52	14 10	7 54	8 23	24 4	12 50	2 30
S 13	11 49	19 50	4 31	17 45	0 44	20 39	2 4	18 48	1 8	20 5	0 53	16 12	2 18	13 39	0 24	17 46	1 44	21 52	14 11	7 51	8 22	24 2	12 51	2 31
S 14	11 29	13 56	3 44	17 27	0 54	20 36	2 0	18 38	1 8	20 7	0 53	16 12	2 18	13 40	0 24	17 46	1 44	21 53	14 11	7 48	8 21	24 0	12 53	2 31
M15	11 8	7 18	2 43	17 7	1 4	20 33	1 55	18 28	1 8	20 9	0 53	16 12	2 18	13 40	0 24	17 46	1 44	21 53	14 11	7 46	8 20	23 58	12 54	2 31
T 16	10 48	0 25	1 32	16 44	1 13	20 29	1 51	18 17	1 9	20 10	0 53	16 12	2 18	13 41	0 24	17 46	1 44	21 54	14 11	7 45	8 19	23 56	12 55	2 31
W17	10 27	6s18	0 17	16 18	1 20	20 25	1 46	18 7	1 9	20 11	0 54	16 12	2 18	13 42	0 24	17 46	1 44	21 54	14 11	7 44	8 18	23 54	12 57	2 31
T 18	10 6	12 30	0s57	15 50	1 27	20 20	1 42	17 56	1 9	20 13	0 54	16 12	2 19	13 42	0 24	17 46	1 44	21 55	14 11	7 44	8 16	23 52	12 58	2 31
F 19	9 44	17 57	2 5	15 19	1 33	20 15	1 38	17 45	1 9	20 14	0 54	16 12	2 19	13 43	0 23	17 46	1 44	21 55	14 11	7 45	8 15	23 51	13 0	2 31
S 20	9 23	22 24	3 5	14 46	1 37	20 9	1 33	17 34	1 10	20 16	0 54	16 12	2 19	13 44	0 23	17 46	1 44	21 56	14 11	7 45	8 14	23 49	13 1	2 31
S 21	9 1	25 42	3 54	14 11	1 41	20 3	1 29	17 23	1 10	20 17	0 54	16 12	2 19	13 45	0 23	17 46	1 44	21 56	14 11	7 45	8 13	23 47	13 3	2 31
M22	8 40	27 44	4 32	13 34	1 44	19 56	1 24	17 12	1 10	20 18	0 54	16 12	2 19	13 45	0 23	17 46	1 44	21 57	14 11	7 45	8 12	23 45	13 4	2 31
T 23	8 18	28 24	4 57	12 55	1 46	19 48	1 20	17 1	1 10	20 19	0 54	16 12	2 20	13 46	0 23	17 46	1 44	21 57	14 11	7 44	8 10	23 43	13 6	2 31
W24	7 56	27 45	5 9	12 15	1 47	19 40	1 16	16 49	1 11	20 20	0 54	16 12	2 20	13 47	0 23	17 46	1 44	21 58	14 11	7 42	8 9	23 41	13 7	2 31
T 25	7 34	25 49	5 7	11 33	1 48	19 32	1 11	16 38	1 11	20 21	0 54	16 11	2 20	13 48	0 23	17 46	1 44	21 58	14 11	7 40	8 8	23 39	13 9	2 31
F 26	7 12	22 47	4 52	10 50	1 48	19 23	1 7	16 26	1 11	20 23	0 54	16 11	2 20	13 49	0 23	17 46	1 44	21 59	14 11	7 37	8 7	23 37	13 10	2 31
S 27	6 49	18 46	4 25	10 7	1 47	19 13	1 2	16 15	1 11	20 24	0 54	16 11	2 20	13 49	0 23	17 45	1 44	21 59	14 11	7 35	8 6	23 35	13 12	2 31
S 28	6 27	14 0	3 45	9 22	1 46	19 3	0 58	16 3	1 12	20 25	0 54	16 11	2 21	13 50	0 23	17 45	1 44	22 0	14 11	7 32	8 4	23 33	13 14	2 31
M29	6 4	8 39	2 55	8 37	1 43	18 53	0 54	15 51	1 12	20 25	0 54	16 11	2 21	13 51	0 23	17 45	1 45	22 0	14 11	7 30	8 3	23 31	13 15	2 31
T 30	5 42	2 56	1 57	7 51	1 41	18 41	0 49	15 39	1 12	20 26	0 54	16 10	2 21	13 52	0 23	17 45	1 45	22 1	14 11	7 29	8 2	23 29	13 17	2 31
W31	5n19	2n59	0s52	7n 5	1n38	18n30	0s45	15n27	1n12	20s27	0s54	16n10	2s21	13s53	0n23	17n45	1s45	22s 1	14s11	7n28	8n 1	23s27	13s19	2n31

Julian Day Number = 2290329.5, Delta T = 161.57 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'50, Lahiri = 17°41'51 Julian Calendar 1 Aug. 1558 == Greg. Calendar 11 Aug. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

SEPTEMBER 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 17 34	17♍32'16	22♈ 4	17♍45	5♌28	22♌18	2°R44	22°R30	8♏ 9	26°R36	7°R 7	19°D 1	20♈25	6♒42	12♏52	T 1
F 2	23 21 30	18°30'49	4♉50	19°36	6°36	22°56	2♒41	22♉29	8°12	26♉36	7♓ 6	19♈ 2	20°21	6°48	12°58	F 2
S 3	23 25 27	19°29'25	17°50	21°25	7°44	23°34	2°37	22°28	8°15	26°36	7° 4	19° 4	20°18	6°55	13° 4	S 3
S 4	23 29 23	20°28'02	1♊ 5	23°13	8°53	24°12	2°34	22°27	8°17	26°35	7° 3	19° 5	20°15	7° 2	13°10	S 4
M 5	23 33 20	21°26'42	14°39	25° 1	10° 1	24°50	2°32	22°26	8°20	26°35	7° 2	19° 6	20°12	7° 8	13°16	M 5
T 6	23 37 16	22°25'25	28°30	26°47	11°10	25°27	2°29	22°25	8°23	26°34	7° 1	19°R 6	20° 9	7°15	13°22	T 6
W 7	23 41 13	23°24'09	12♋41	28°33	12°19	26° 5	2°26	22°24	8°26	26°34	7° 0	19° 5	20° 6	7°22	13°28	W 7
T 8	23 45 10	24°22'56	27° 9	0♎17	13°28	26°43	2°24	22°23	8°29	26°33	6°58	19° 3	20° 2	7°29	13°34	T 8
F 9	23 49 6	25°21'45	11♌49	2° 1	14°38	27°21	2°22	22°21	8°32	26°32	6°57	19° 0	19°59	7°35	13°40	F 9
S 10	23 53 3	26°20'36	26°38	3°43	15°47	27°58	2°20	22°20	8°35	26°32	6°56	18°57	19°56	7°42	13°47	S 10
S 11	23 56 59	27°19'30	11♍26	5°25	16°57	28°36	2°19	22°18	8°38	26°31	6°55	18°54	19°53	7°49	13°53	S 11
M12	0 0 56	28°18'25	26° 7	7° 6	18° 6	29°14	2°17	22°16	8°41	26°30	6°54	18°52	19°50	7°55	14° 0	M12
T 13	0 4 52	29°17'23	10♎33	8°45	19°16	29°51	2°16	22°14	8°44	26°30	6°53	18°51	19°46	8° 2	14° 6	T 13
W14	0 8 49	0♎16'22	24°39	10°24	20°26	0♍29	2°15	22°12	8°47	26°29	6°51	18°D51	19°43	8° 9	14°13	W14
T 15	0 12 45	1°15'23	8♏22	12° 2	21°36	1° 7	2°14	22°10	8°50	26°28	6°50	18°51	19°40	8°16	14°19	T 15
F 16	0 16 42	2°14'27	21°40	13°39	22°46	1°44	2°13	22° 8	8°53	26°27	6°49	18°53	19°37	8°22	14°26	F 16
S 17	0 20 38	3°13'32	4♐35	15°16	23°57	2°22	2°13	22° 6	8°57	26°27	6°48	18°54	19°34	8°29	14°33	S 17
S 18	0 24 35	4°12'39	17° 8	16°51	25° 7	2°59	2°13	22° 3	9° 0	26°26	6°47	18°55	19°31	8°36	14°40	S 18
M19	0 28 32	5°11'48	29°25	18°26	26°18	3°37	2°D12	22° 1	9° 3	26°25	6°46	18°56	19°27	8°43	14°46	M19
T 20	0 32 28	6°10'59	11♑29	20° 0	27°28	4°14	2°13	21°58	9° 6	26°24	6°45	18°R56	19°24	8°49	14°53	T 20
W21	0 36 25	7°10'11	23°26	21°33	28°39	4°52	2°13	21°56	9°10	26°23	6°44	18°55	19°21	8°56	15° 0	W21
T 22	0 40 21	8° 9'25	5♒18	23° 5	29°50	5°29	2°13	21°53	9°13	26°22	6°43	18°54	19°18	9° 3	15° 7	T 22
F 23	0 44 18	9° 8'41	17°11	24°37	1♍ 1	6° 7	2°14	21°50	9°16	26°21	6°42	18°53	19°15	9° 9	15°14	F 23
S 24	0 48 14	10° 7'59	29° 9	26° 7	2°12	6°44	2°15	21°47	9°20	26°20	6°41	18°51	19°11	9°16	15°21	S 24
S 25	0 52 11	11° 7'19	11♓14	27°37	3°24	7°22	2°16	21°44	9°23	26°19	6°40	18°50	19° 8	9°23	15°28	S 25
M26	0 56 7	12° 6'41	23°30	29° 7	4°35	7°59	2°18	21°41	9°26	26°18	6°39	18°49	19° 5	9°30	15°36	M26
T 27	1 0 4	13° 6'04	5♈57	0♏35	5°47	8°36	2°19	21°38	9°30	26°17	6°38	18°49	19° 2	9°36	15°43	T 27
W28	1 4 1	14° 5'30	18°37	2° 3	6°58	9°14	2°21	21°34	9°33	26°15	6°37	18°D49	18°59	9°43	15°50	W28
T 29	1 7 57	15° 4'57	1♉32	3°30	8°10	9°51	2°23	21°31	9°37	26°14	6°36	18°49	18°56	9°50	15°57	T 29
F 30	1 11 54	16♎ 4'27	14♉39	4♏56	9♍22	10♍28	2♒25	21♉28	9♏40	26♉13	6♓35	18♈49	18♈52	9♒56	16♏ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n56	8n53	0n17	6n18	1n34	18n17	0s41	15n15	1n12	20s28	0s54	16n10	2s21	13s54	0n23	17n45	1s45	22s 2	14s11	7n28	8n 0	23s25	13s20	2n31
F 2	4 33	14 30	1 25	5 31	1 30	18 5	0 37	15 3	1 13	20 29	0 54	16 9	2 22	13 55	0 23	17 45	1 45	22 2	14 11	7 28	7 58	23 23	13 22	2 31
S 3	4 10	19 36	2 31	4 44	1 26	17 51	0 32	14 51	1 13	20 29	0 53	16 9	2 22	13 55	0 23	17 45	1 45	22 3	14 11	7 29	7 57	23 21	13 24	2 31
S 4	3 47	23 51	3 30	3 57	1 21	17 38	0 28	14 38	1 13	20 30	0 53	16 8	2 22	13 56	0 23	17 44	1 45	22 3	14 11	7 30	7 56	23 19	13 25	2 31
M 5	3 24	26 54	4 19	3 9	1 17	17 23	0 24	14 26	1 13	20 31	0 53	16 8	2 22	13 57	0 23	17 44	1 45	22 3	14 11	7 30	7 55	23 17	13 27	2 31
T 6	3 1	28 23	4 54	2 22	1 11	17 9	0 20	14 13	1 14	20 31	0 53	16 8	2 22	13 58	0 23	17 44	1 45	22 4	14 11	7 30	7 54	23 15	13 29	2 31
W 7	2 38	28 4	5 12	1 35	1 6	16 53	0 16	14 1	1 14	20 32	0 53	16 7	2 23	13 59	0 23	17 44	1 45	22 4	14 11	7 30	7 52	23 13	13 31	2 31
T 8	2 14	25 51	5 11	0 48	1 0	16 38	0 12	13 48	1 14	20 32	0 53	16 7	2 23	14 0	0 23	17 44	1 45	22 5	14 11	7 29	7 51	23 11	13 33	2 31
F 9	1 51	21 55	4 49	0 1	0 54	16 21	0 8	13 35	1 14	20 33	0 53	16 6	2 23	14 1	0 23	17 44	1 45	22 5	14 11	7 28	7 50	23 9	13 34	2 32
S 10	1 27	16 34	4 9	0s45	0 48	16 5	0 4	13 22	1 14	20 33	0 53	16 5	2 23	14 2	0 23	17 43	1 45	22 5	14 11	7 26	7 49	23 7	13 36	2 32
S 11	1 4	10 15	3 12	1 31	0 42	15 48	0 0	13 9	1 15	20 33	0 53	16 5	2 23	14 3	0 23	17 43	1 45	22 6	14 10	7 25	7 48	23 5	13 38	2 32
M12	0 41	3 25	2 2	2 17	0 35	15 30	0n 4	12 56	1 15	20 34	0 53	16 4	2 24	14 4	0 23	17 43	1 45	22 6	14 10	7 24	7 46	23 3	13 40	2 32
T 13	0 17	3s29	0 46	3 3	0 28	15 12	0 7	12 43	1 15	20 34	0 53	16 4	2 24	14 5	0 23	17 43	1 45	22 6	14 10	7 24	7 45	23 1	13 42	2 32
W14	0s 7	10 4	0s32	3 48	0 22	14 53	0 11	12 30	1 15	20 34	0 53	16 3	2 24	14 6	0 23	17 43	1 45	22 7	14 10	7 24	7 44	22 59	13 44	2 32
T 15	0 30	16 0	1 46	4 32	0 15	14 34	0 15	12 17	1 15	20 34	0 53	16 2	2 24	14 7	0 23	17 42	1 45	22 7	14 10	7 24	7 43	22 57	13 45	2 32
F 16	0 54	20 59	2 51	5 17	0 8	14 15	0 18	12 3	1 15	20 34	0 53	16 1	2 24	14 8	0 23	17 42	1 45	22 7	14 10	7 25	7 42	22 55	13 47	2 32
S 17	1 17	24 49	3 46	6 1	0 1	13 55	0 22	11 50	1 16	20 35	0 53	16 1	2 24	14 9	0 23	17 42	1 45	22 8	14 10	7 25	7 40	22 53	13 49	2 32
S 18	1 41	27 20	4 29	6 44	0s 6	13 35	0 25	11 37	1 16	20 35	0 53	16 0	2 25	14 10	0 23	17 42	1 46	22 8	14 10	7 26	7 39	22 51	13 51	2 32
M19	2 4	28 28	4 58	7 27	0 13	13 14	0 29	11 23	1 16	20 34	0 53	15 59	2 25	14 11	0 23	17 41	1 46	22 8	14 10	7 26	7 38	22 49	13 53	2 32
T 20	2 28	28 12	5 14	8 9	0 20	12 53	0 32	11 10	1 16	20 34	0 53	15 58	2 25	14 12	0 23	17 41	1 46	22 9	14 9	7 26	7 37	22 47	13 55	2 32
W21	2 51	26 38	5 15	8 51	0 27	12 31	0 35	10 56	1 16	20 34	0 53	15 58	2 25	14 13	0 23	17 41	1 46	22 9	14 9	7 26	7 36	22 45	13 57	2 32
T 22	3 15	23 53	5 3	9 32	0 34	12 10	0 39	10 42	1 17	20 34	0 53	15 57	2 25	14 15	0 23	17 41	1 46	22 9	14 9	7 25	7 34	22 42	13 59	2 33
F 23	3 38	20 8	4 39	10 12	0 41	11 47	0 42	10 29	1 17	20 34	0 53	15 56	2 25	14 16	0 23	17 40	1 46	22 9	14 9	7 25	7 33	22 40	14 1	2 33
S 24	4 1	15 34	4 2	10 52	0 49	11 25	0 45	10 15	1 17	20 34	0 53	15 55	2 25	14 17	0 23	17 40	1 46	22 10	14 9	7 24	7 32	22 38	14 3	2 33
S 25	4 25	10 21	3 13	11 31	0 56	11 2	0 48	10 1	1 17	20 33	0 52	15 54	2 26	14 18	0 23	17 40	1 46	22 10	14 9	7 24	7 31	22 36	14 5	2 33
M26	4 48	4 40	2 16	12 10	1 3	10 39	0 51	9 47	1 17	20 33	0 52	15 53	2 26	14 19	0 23	17 39	1 46	22 10	14 9	7 24	7 29	22 34	14 7	2 33
T 27	5 11	1n17	1 11	12 47	1 9	10 15	0 54	9 34	1 17	20 33	0 52	15 52	2 26	14 20	0 23	17 39	1 46	22 10	14 8	7 23	7 28	22 32	14 9	2 33
W28	5 34	7 18	0 1	13 24	1 16	9 51	0 57	9 20	1 18	20 32	0 52	15 51	2 26	14 21	0 23	17 39	1 46	22 11	14 8	7 23	7 27	22 30	14 11	2 33
T 29	5 57	13 8	1n10	14 1	1 23	9 27	0 59	9 6	1 18	20 32	0 52	15 50	2 26	14 22	0 23	17 38	1 46	22 11	14 8	7 23	7 26	22 28	14 12	2 33
F 30	6s20	18n29	2n18	14s36	1s30	9n 2	1n 2	8n52	1n18	20s31	0s52	15n49	2s26	14s23	0n23	17n38	1s46	22s11	14s 8	7n23	7n25	22s25	14s14	2n33

Julian Day Number = 2290360.5, Delta T = 161.39 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'55, Lahiri = 17°41'55 Julian Calendar 1 Sept. 1558 == Greg. Calendar 11 Sept. 1558

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1558
geocentric

OCTOBER 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 15 50	17♎ 3'59	28♉ 0	6♏21	10♍34	11♍ 6	2♒27	21°R24	9♏44	26°R12	6°R34	18♈49	18♈49	10♒ 3	16♏12	S 1
S 2	1 19 47	18° 3'34	11♊34	7°45	11°46	11°43	2°29	21♉20	9°47	26♉11	6♓33	18°50	18°46	10°10	16°19	S 2
M 3	1 23 43	19° 3'11	25°20	9° 9	12°58	12°20	2°32	21°17	9°51	26° 9	6°32	18°R50	18°43	10°17	16°27	M 3
T 4	1 27 40	20° 2'50	9♋16	10°32	14°10	12°58	2°35	21°13	9°54	26° 8	6°31	18°49	18°40	10°23	16°34	T 4
W 5	1 31 36	21° 2'31	23°22	11°53	15°22	13°35	2°38	21° 9	9°58	26° 7	6°31	18°D49	18°37	10°30	16°42	W 5
T 6	1 35 33	22° 2'15	7♌36	13°14	16°35	14°12	2°41	21° 5	10° 2	26° 5	6°30	18°50	18°33	10°37	16°49	T 6
F 7	1 39 30	23° 2'01	21°56	14°34	17°47	14°49	2°45	21° 1	10° 5	26° 4	6°29	18°50	18°30	10°43	16°57	F 7
S 8	1 43 26	24° 1'49	6♍17	15°52	19° 0	15°26	2°48	20°57	10° 9	26° 3	6°28	18°50	18°27	10°50	17° 4	S 8
S 9	1 47 23	25° 1'39	20°37	17°10	20°12	16° 4	2°52	20°53	10°12	26° 1	6°28	18°51	18°24	10°57	17°12	S 9
M10	1 51 19	26° 1'32	4♎52	18°26	21°25	16°41	2°56	20°49	10°16	26° 0	6°27	18°51	18°21	11° 3	17°20	M10
T 11	1 55 16	27° 1'26	18°56	19°40	22°38	17°18	3° 0	20°45	10°20	25°58	6°26	18°R51	18°17	11°10	17°27	T 11
W12	1 59 12	28° 1'23	2♏45	20°53	23°51	17°55	3° 5	20°40	10°23	25°57	6°25	18°51	18°14	11°17	17°35	W12
T 13	2 3 9	29° 1'21	16°18	22° 4	25° 4	18°32	3° 9	20°36	10°27	25°56	6°25	18°50	18°11	11°24	17°43	T 13
F 14	2 7 5	0♏ 1'22	29°31	23°14	26°17	19° 9	3°14	20°32	10°31	25°54	6°24	18°49	18° 8	11°30	17°50	F 14
S 15	2 11 2	1° 1'24	12♐25	24°21	27°30	19°46	3°19	20°27	10°34	25°53	6°23	18°47	18° 5	11°37	17°58	S 15
S 16	2 14 59	2° 1'28	25° 0	25°26	28°43	20°23	3°24	20°23	10°38	25°51	6°23	18°46	18° 2	11°44	18° 6	S 16
M17	2 18 55	3° 1'33	7♑18	26°28	29°57	21° 0	3°29	20°18	10°42	25°50	6°22	18°44	17°58	11°50	18°14	M17
T 18	2 22 52	4° 1'41	19°24	27°27	1♎10	21°37	3°35	20°14	10°46	25°48	6°22	18°43	17°55	11°57	18°22	T 18
W19	2 26 48	5° 1'50	1♒21	28°23	2°23	22°14	3°40	20° 9	10°49	25°46	6°21	18°D42	17°52	12° 4	18°29	W19
T 20	2 30 45	6° 2'00	13°13	29°16	3°37	22°51	3°46	20° 4	10°53	25°45	6°21	18°42	17°49	12°11	18°37	T 20
F 21	2 34 41	7° 2'12	25° 6	0♐ 4	4°50	23°28	3°52	20° 0	10°57	25°43	6°20	18°43	17°46	12°17	18°45	F 21
S 22	2 38 38	8° 2'25	7♓ 4	0°48	6° 4	24° 5	3°58	19°55	11° 1	25°42	6°20	18°44	17°43	12°24	18°53	S 22
S 23	2 42 34	9° 2'40	19°12	1°27	7°18	24°42	4° 4	19°50	11° 4	25°40	6°19	18°46	17°39	12°31	19° 1	S 23
M24	2 46 31	10° 2'57	1♈33	2° 0	8°31	25°19	4°11	19°45	11° 8	25°39	6°19	18°48	17°36	12°37	19° 9	M24
T 25	2 50 28	11° 3'15	14°11	2°27	9°45	25°55	4°18	19°41	11°12	25°37	6°18	18°R48	17°33	12°44	19°17	T 25
W26	2 54 24	12° 3'34	27° 7	2°46	10°59	26°32	4°24	19°36	11°15	25°35	6°18	18°48	17°30	12°51	19°25	W26
T 27	2 58 21	13° 3'56	10♉22	2°59	12°13	27° 9	4°31	19°31	11°19	25°34	6°17	18°47	17°27	12°58	19°33	T 27
F 28	3 2 17	14° 4'19	23°56	3°R 2	13°27	27°46	4°38	19°26	11°23	25°32	6°17	18°44	17°23	13° 4	19°40	F 28
S 29	3 6 14	15° 4'44	7♊45	2°57	14°41	28°22	4°46	19°21	11°27	25°30	6°17	18°41	17°20	13°11	19°48	S 29
S 30	3 10 10	16° 5'10	21°46	2°42	15°55	28°59	4°53	19°16	11°30	25°29	6°16	18°36	17°17	13°18	19°56	S 30
M31	3 14 7	17♏ 5'39	5♋56	2♐17	17♎ 9	29♍36	5♒ 0	19♉11	11♏34	25♉27	6♓16	18♈32	17♈14	13♒24	20♏ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s43	23n 1	3n21	15s11	1s36	8n37	1n 5	8n37	1n18	20s30	0s52	15n48	2s26	14s24	0n23	17n38	1s46	22s11	14s 8	7n23	7n23	22s23	14s16	2n34
S 2	7 6	26 24	4 13	15 45	1 42	8 12	1 7	8 23	1 18	20 30	0 52	15 47	2 26	14 26	0 23	17 38	1 46	22 11	14 7	7 24	7 22	22 21	14 18	2 34
M 3	7 29	28 16	4 51	16 18	1 49	7 47	1 10	8 9	1 18	20 29	0 52	15 46	2 27	14 27	0 23	17 37	1 46	22 11	14 7	7 24	7 21	22 19	14 20	2 34
T 4	7 51	28 22	5 13	16 50	1 55	7 21	1 12	7 55	1 18	20 28	0 52	15 45	2 27	14 28	0 23	17 37	1 46	22 12	14 7	7 24	7 20	22 17	14 22	2 34
W 5	8 14	26 39	5 16	17 21	2 1	6 55	1 14	7 41	1 19	20 28	0 52	15 44	2 27	14 29	0 22	17 37	1 46	22 12	14 7	7 24	7 19	22 14	14 24	2 34
T 6	8 36	23 15	5 0	17 51	2 6	6 29	1 17	7 27	1 19	20 27	0 52	15 43	2 27	14 30	0 22	17 36	1 46	22 12	14 7	7 24	7 17	22 12	14 26	2 34
F 7	8 59	18 25	4 26	18 21	2 12	6 3	1 19	7 12	1 19	20 26	0 52	15 42	2 27	14 31	0 22	17 36	1 46	22 12	14 6	7 24	7 16	22 10	14 28	2 34
S 8	9 21	12 33	3 35	18 49	2 17	5 36	1 21	6 58	1 19	20 25	0 52	15 41	2 27	14 33	0 22	17 36	1 46	22 12	14 6	7 24	7 15	22 8	14 30	2 34
S 9	9 43	6 1	2 30	19 16	2 22	5 9	1 23	6 44	1 19	20 24	0 52	15 39	2 27	14 34	0 22	17 35	1 46	22 12	14 6	7 24	7 14	22 6	14 32	2 35
M10	10 5	0s46	1 17	19 42	2 27	4 42	1 25	6 29	1 19	20 23	0 52	15 38	2 27	14 35	0 22	17 35	1 46	22 12	14 6	7 24	7 13	22 3	14 34	2 35
T 11	10 26	7 26	0s 0	20 7	2 31	4 15	1 26	6 15	1 19	20 22	0 51	15 37	2 27	14 36	0 22	17 34	1 46	22 12	14 5	7 24	7 11	22 1	14 36	2 35
W12	10 48	13 39	1 16	20 31	2 35	3 48	1 28	6 0	1 20	20 21	0 51	15 36	2 27	14 37	0 22	17 34	1 46	22 12	14 5	7 24	7 10	21 59	14 38	2 35
T 13	11 9	19 5	2 26	20 53	2 39	3 20	1 30	5 46	1 20	20 20	0 51	15 35	2 27	14 38	0 22	17 34	1 46	22 12	14 5	7 24	7 9	21 57	14 40	2 35
F 14	11 30	23 27	3 26	21 14	2 42	2 53	1 31	5 32	1 20	20 19	0 51	15 33	2 27	14 39	0 22	17 33	1 46	22 12	14 5	7 23	7 8	21 55	14 42	2 35
S 15	11 52	26 33	4 15	21 34	2 45	2 25	1 33	5 17	1 20	20 18	0 51	15 32	2 27	14 41	0 22	17 33	1 46	22 12	14 5	7 23	7 6	21 52	14 44	2 36
S 16	12 12	28 13	4 49	21 52	2 47	1 57	1 34	5 3	1 20	20 16	0 51	15 31	2 27	14 42	0 22	17 33	1 46	22 12	14 4	7 22	7 5	21 50	14 46	2 36
M17	12 33	28 27	5 10	22 9	2 49	1 29	1 35	4 48	1 20	20 15	0 51	15 30	2 28	14 43	0 22	17 32	1 47	22 12	14 4	7 21	7 4	21 48	14 48	2 36
T 18	12 54	27 18	5 16	22 24	2 50	1 1	1 37	4 34	1 20	20 14	0 51	15 29	2 28	14 44	0 22	17 32	1 47	22 12	14 4	7 21	7 3	21 46	14 50	2 36
W19	13 14	24 55	5 8	22 38	2 51	0 32	1 38	4 19	1 20	20 12	0 51	15 27	2 28	14 45	0 22	17 31	1 47	22 12	14 4	7 21	7 2	21 43	14 52	2 36
T 20	13 34	21 29	4 47	22 49	2 51	0 4	1 39	4 5	1 20	20 11	0 51	15 26	2 28	14 47	0 22	17 31	1 47	22 12	14 3	7 21	7 0	21 41	14 54	2 36
F 21	13 54	17 11	4 14	22 59	2 50	0s24	1 40	3 50	1 21	20 9	0 51	15 25	2 28	14 48	0 22	17 31	1 47	22 12	14 3	7 21	6 59	21 39	14 56	2 37
S 22	14 13	12 11	3 30	23 7	2 48	0 53	1 41	3 35	1 21	20 8	0 51	15 24	2 28	14 49	0 22	17 30	1 47	22 12	14 3	7 22	6 58	21 36	14 58	2 37
S 23	14 33	6 41	2 36	23 12	2 45	1 21	1 41	3 21	1 21	20 6	0 51	15 22	2 28	14 50	0 22	17 30	1 47	22 12	14 2	7 22	6 57	21 34	15 0	2 37
M24	14 52	0 49	1 34	23 15	2 42	1 49	1 42	3 6	1 21	20 5	0 51	15 21	2 28	14 51	0 22	17 30	1 47	22 12	14 2	7 23	6 56	21 32	15 2	2 37
T 25	15 11	5n13	0 25	23 16	2 37	2 18	1 43	2 52	1 21	20 3	0 51	15 20	2 28	14 52	0 22	17 29	1 47	22 12	14 2	7 23	6 54	21 30	15 4	2 37
W26	15 30	11 11	0n46	23 14	2 31	2 46	1 43	2 37	1 21	20 1	0 50	15 18	2 28	14 54	0 22	17 29	1 47	22 12	14 2	7 23	6 53	21 27	15 6	2 38
T 27	15 48	16 48	1 56	23 9	2 24	3 15	1 44	2 23	1 21	20 0	0 50	15 17	2 28	14 55	0 22	17 28	1 47	22 12	14 1	7 23	6 52	21 25	15 8	2 38
F 28	16 6	21 43	3 1	23 1	2 15	3 43	1 44	2 8	1 21	19 58	0 50	15 16	2 28	14 56	0 22	17 28	1 47	22 12	14 1	7 22	6 51	21 23	15 10	2 38
S 29	16 24	25 33	3 57	22 50	2 5	4 12	1 44	1 54	1 21	19 56	0 50	15 15	2 28	14 57	0 22	17 28	1 47	22 11	14 1	7 20	6 49	21 20	15 12	2 38
S 30	16 42	27 53	4 39	22 36	1 53	4 40	1 45	1 39	1 21	19 54	0 50	15 13	2 27	14 58	0 22	17 27	1 47	22 11	14 0	7 19	6 48	21 18	15 13	2 38
M31	16s59	28n27	5n 5	22s18	1s39	5s 8	1n45	1n24	1n22	19s52	0s50	15n12	2s27	14s59	0n22	17n27	1s47	22s11	14s 0	7n17	6n47	21s16	15s15	2n39

Julian Day Number = 2290390.5, Delta T = 161.22 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'59, Lahiri = 17°41'59 Julian Calendar 1 Oct. 1558 == Greg. Calendar 11 Oct. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

NOVEMBER 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 18 3	18♏ 6'09	20♋10	1°R42	18♎23	0♎12	5♒ 8	19°R 6	11♏38	25°R25	6°R16	18°R29	17♈11	13♒31	20♏12	T 1
W 2	3 22 0	19° 6'41	4♌25	0♐56	19°37	0°49	5°16	19♉ 2	11°42	25♉24	6♓16	18♈26	17° 8	13°38	20°20	W 2
T 3	3 25 57	20° 7'15	18°37	0° 0	20°51	1°26	5°24	18°57	11°45	25°22	6°16	18°D26	17° 4	13°45	20°28	T 3
F 4	3 29 53	21° 7'51	2♍44	28♏56	22° 6	2° 2	5°32	18°52	11°49	25°20	6°15	18°26	17° 1	13°51	20°36	F 4
S 5	3 33 50	22° 8'28	16°46	27°44	23°20	2°39	5°40	18°47	11°53	25°19	6°15	18°27	16°58	13°58	20°44	S 5
S 6	3 37 46	23° 9'07	0♎40	26°26	24°34	3°15	5°49	18°42	11°56	25°17	6°15	18°29	16°55	14° 5	20°52	S 6
M 7	3 41 43	24° 9'48	14°26	25° 5	25°49	3°52	5°57	18°37	12° 0	25°15	6°15	18°R30	16°52	14°11	21° 0	M 7
T 8	3 45 39	25°10'31	28° 2	23°43	27° 3	4°28	6° 6	18°32	12° 4	25°13	6°15	18°30	16°48	14°18	21° 8	T 8
W 9	3 49 36	26°11'15	11♏27	22°23	28°18	5° 5	6°15	18°27	12° 7	25°12	6°15	18°27	16°45	14°25	21°16	W 9
T 10	3 53 32	27°12'00	24°40	21° 8	29°32	5°41	6°24	18°22	12°11	25°10	6°D15	18°23	16°42	14°31	21°24	T 10
F 11	3 57 29	28°12'47	7♐39	20° 0	0♏47	6°17	6°33	18°18	12°15	25° 8	6°15	18°17	16°39	14°38	21°32	F 11
S 12	4 1 26	29°13'35	20°24	19° 1	2° 2	6°54	6°42	18°13	12°18	25° 7	6°15	18°10	16°36	14°45	21°40	S 12
S 13	4 5 22	0♐14'25	2♑54	18°13	3°16	7°30	6°52	18° 8	12°22	25° 5	6°15	18° 2	16°33	14°52	21°47	S 13
M14	4 9 19	1°15'15	15°10	17°35	4°31	8° 6	7° 1	18° 3	12°26	25° 3	6°15	17°54	16°29	14°58	21°55	M14
T 15	4 13 15	2°16'07	27°15	17° 9	5°46	8°43	7°11	17°59	12°29	25° 2	6°15	17°47	16°26	15° 5	22° 3	T 15
W16	4 17 12	3°16'59	9♒11	16°55	7° 0	9°19	7°21	17°54	12°33	25° 0	6°15	17°42	16°23	15°12	22°11	W16
T 17	4 21 8	4°17'52	21° 2	16°D52	8°15	9°55	7°30	17°49	12°36	24°58	6°15	17°39	16°20	15°18	22°19	T 17
F 18	4 25 5	5°18'46	2♓52	16°59	9°30	10°31	7°40	17°45	12°40	24°57	6°16	17°D38	16°17	15°25	22°27	F 18
S 19	4 29 1	6°19'41	14°48	17°16	10°45	11° 7	7°51	17°40	12°43	24°55	6°16	17°38	16°14	15°32	22°34	S 19
S 20	4 32 58	7°20'37	26°54	17°41	11°59	11°43	8° 1	17°36	12°47	24°53	6°16	17°39	16°10	15°39	22°42	S 20
M21	4 36 55	8°21'33	9♈15	18°15	13°14	12°19	8°11	17°31	12°50	24°52	6°16	17°40	16° 7	15°45	22°50	M21
T 22	4 40 51	9°22'30	21°56	18°55	14°29	12°55	8°22	17°27	12°54	24°50	6°16	17°R41	16° 4	15°52	22°58	T 22
W23	4 44 48	10°23'28	5♉ 0	19°42	15°44	13°31	8°32	17°23	12°57	24°48	6°17	17°39	16° 1	15°59	23° 5	W23
T 24	4 48 44	11°24'27	18°29	20°35	16°59	14° 7	8°43	17°18	13° 1	24°47	6°17	17°35	15°58	16° 5	23°13	T 24
F 25	4 52 41	12°25'26	2♊22	21°32	18°14	14°43	8°54	17°14	13° 4	24°45	6°17	17°29	15°54	16°12	23°21	F 25
S 26	4 56 37	13°26'27	16°37	22°34	19°29	15°19	9° 5	17°10	13° 7	24°44	6°18	17°21	15°51	16°19	23°28	S 26
S 27	5 0 34	14°27'28	1♋ 8	23°39	20°44	15°55	9°16	17° 6	13°11	24°42	6°18	17°11	15°48	16°26	23°36	S 27
M28	5 4 31	15°28'30	15°48	24°48	21°59	16°31	9°27	17° 2	13°14	24°40	6°19	17° 2	15°45	16°32	23°44	M28
T 29	5 8 27	16°29'33	0♌29	26° 0	23°14	17° 6	9°38	16°58	13°17	24°39	6°19	16°53	15°42	16°39	23°51	T 29
W30	5 12 24	17♐30'37	15♌ 4	27♏14	24♏29	17♎42	9♒49	16♉54	13♏21	24♉37	6♓20	16♈47	15♈39	16♒46	23♏59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s16	27n 8	5n12	21s56	1s24	5s37	1n45	1n10	1n22	19s50	0s50	15n11	2s27	15s 0	0n22	17n26	1s47	22s11	14s 0	7n16	6n46	21s13	15s17	2n39
W 2	17 33	24 4	5 1	21 30	1 8	6 5	1 45	0 55	1 22	19 48	0 50	15 9	2 27	15 2	0 22	17 26	1 47	22 11	14 0	7 15	6 45	21 11	15 19	2 39
T 3	17 49	19 34	4 30	21 1	0 50	6 33	1 45	0 41	1 22	19 46	0 50	15 8	2 27	15 3	0 22	17 26	1 47	22 11	13 59	7 14	6 43	21 9	15 21	2 39
F 4	18 5	14 0	3 44	20 28	0 31	7 1	1 44	0 26	1 22	19 44	0 50	15 7	2 27	15 4	0 22	17 25	1 47	22 10	13 59	7 15	6 42	21 6	15 23	2 40
S 5	18 21	7 46	2 44	19 53	0 11	7 28	1 44	0 12	1 22	19 42	0 50	15 6	2 27	15 5	0 22	17 25	1 47	22 10	13 59	7 15	6 41	21 4	15 25	2 40
S 6	18 36	1 12	1 36	19 15	0n10	7 56	1 44	0s 3	1 22	19 40	0 50	15 4	2 27	15 6	0 22	17 24	1 47	22 10	13 58	7 16	6 40	21 1	15 27	2 40
M 7	18 52	5s22	0 22	18 35	0 30	8 24	1 43	0 17	1 22	19 38	0 50	15 3	2 27	15 7	0 22	17 24	1 47	22 10	13 58	7 16	6 38	20 59	15 28	2 40
T 8	19 6	11 36	0s52	17 56	0 51	8 51	1 43	0 31	1 22	19 36	0 50	15 2	2 27	15 8	0 22	17 23	1 47	22 9	13 58	7 16	6 37	20 57	15 30	2 41
W 9	19 21	17 14	2 2	17 17	1 10	9 18	1 42	0 46	1 22	19 34	0 50	15 1	2 27	15 10	0 22	17 23	1 47	22 9	13 58	7 15	6 36	20 54	15 32	2 41
T 10	19 35	21 57	3 4	16 41	1 27	9 45	1 42	1 0	1 22	19 31	0 50	14 59	2 27	15 11	0 22	17 23	1 47	22 9	13 57	7 14	6 35	20 52	15 34	2 41
F 11	19 49	25 30	3 55	16 7	1 44	10 12	1 41	1 15	1 22	19 29	0 50	14 58	2 27	15 12	0 22	17 22	1 47	22 9	13 57	7 11	6 34	20 50	15 36	2 41
S 12	20 2	27 42	4 33	15 38	1 58	10 38	1 40	1 29	1 22	19 26	0 50	14 57	2 26	15 13	0 22	17 22	1 47	22 8	13 57	7 8	6 32	20 47	15 37	2 42
S 13	20 15	28 26	4 58	15 13	2 10	11 5	1 39	1 43	1 22	19 24	0 49	14 56	2 26	15 14	0 22	17 22	1 47	22 8	13 56	7 5	6 31	20 45	15 39	2 42
M14	20 28	27 44	5 8	14 53	2 19	11 31	1 38	1 58	1 22	19 22	0 49	14 55	2 26	15 15	0 22	17 21	1 47	22 8	13 56	7 2	6 30	20 42	15 41	2 42
T 15	20 40	25 44	5 4	14 39	2 27	11 57	1 37	2 12	1 22	19 19	0 49	14 53	2 26	15 16	0 22	17 21	1 47	22 7	13 56	7 0	6 29	20 40	15 43	2 42
W16	20 52	22 37	4 47	14 29	2 33	12 22	1 36	2 26	1 22	19 17	0 49	14 52	2 26	15 17	0 22	17 20	1 47	22 7	13 55	6 58	6 27	20 37	15 44	2 43
T 17	21 3	18 35	4 18	14 25	2 37	12 47	1 35	2 40	1 23	19 14	0 49	14 51	2 26	15 18	0 22	17 20	1 47	22 7	13 55	6 57	6 26	20 35	15 46	2 43
F 18	21 14	13 51	3 38	14 25	2 39	13 12	1 34	2 55	1 23	19 11	0 49	14 50	2 26	15 20	0 22	17 20	1 47	22 6	13 55	6 56	6 25	20 33	15 48	2 43
S 19	21 25	8 34	2 48	14 29	2 39	13 37	1 33	3 9	1 23	19 9	0 49	14 49	2 26	15 21	0 22	17 19	1 47	22 6	13 55	6 56	6 24	20 30	15 49	2 44
S 20	21 35	2 55	1 50	14 37	2 39	14 1	1 31	3 23	1 23	19 6	0 49	14 48	2 25	15 22	0 22	17 19	1 47	22 6	13 54	6 57	6 23	20 28	15 51	2 44
M21	21 45	2n59	0 45	14 48	2 37	14 25	1 30	3 37	1 23	19 3	0 49	14 47	2 25	15 23	0 22	17 18	1 47	22 5	13 54	6 57	6 21	20 25	15 53	2 44
T 22	21 55	8 55	0n23	15 2	2 34	14 49	1 28	3 51	1 23	19 1	0 49	14 46	2 25	15 24	0 22	17 18	1 47	22 5	13 54	6 57	6 20	20 23	15 54	2 45
W23	22 4	14 40	1 32	15 18	2 30	15 12	1 27	4 5	1 23	18 58	0 49	14 45	2 25	15 25	0 22	17 18	1 46	22 5	13 53	6 57	6 19	20 20	15 56	2 45
T 24	22 12	19 53	2 37	15 36	2 25	15 35	1 25	4 19	1 23	18 55	0 49	14 44	2 25	15 26	0 22	17 17	1 46	22 4	13 53	6 55	6 18	20 18	15 57	2 45
F 25	22 20	24 13	3 36	15 56	2 20	15 58	1 24	4 33	1 23	18 52	0 49	14 43	2 25	15 27	0 22	17 17	1 46	22 4	13 53	6 53	6 16	20 15	15 59	2 46
S 26	22 28	27 10	4 22	16 18	2 14	16 20	1 22	4 46	1 23	18 49	0 49	14 42	2 24	15 28	0 22	17 17	1 46	22 3	13 52	6 50	6 15	20 13	16 1	2 46
S 27	22 35	28 22	4 52	16 40	2 8	16 41	1 20	5 0	1 23	18 46	0 49	14 41	2 24	15 29	0 22	17 16	1 46	22 3	13 52	6 46	6 14	20 10	16 2	2 46
M28	22 42	27 36	5 4	17 3	2 2	17 3	1 18	5 14	1 23	18 43	0 49	14 40	2 24	15 30	0 22	17 16	1 46	22 2	13 52	6 42	6 13	20 8	16 4	2 47
T 29	22 49	24 54	4 56	17 27	1 55	17 23	1 17	5 28	1 23	18 40	0 49	14 39	2 24	15 31	0 22	17 16	1 46	22 2	13 52	6 39	6 12	20 5	16 5	2 47
W30	22s55	20n37	4n28	17s51	1n48	17s44	1n15	5s41	1n23	18s37	0s49	14n38	2s24	15s32	0n22	17n15	1s46	22s 2	13s51	6n37	6n10	20s 3	16s 7	2n47

Julian Day Number = 2290421.5, Delta T = 161.04 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'03, Lahiri = 17°42'03 Julian Calendar 1 Nov. 1558 == Greg. Calendar 11 Nov. 1558

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ASTRODIENST EPHEMERIS for the year 1558
geocentric

DECEMBER 1558 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 16 20	18♐31'41	29♌29	28♏30	25♏44	18♎18	10♒ 1	16°R50	13♏24	24°R36	6♓20	16°R43	15♈35	16♒52	24♏ 6	T 1
F 2	5 20 17	19°32'47	13♍39	29°48	26°59	18°53	10°12	16♉47	13°27	24♉34	6°21	16♈41	15°32	16°59	24°13	F 2
S 3	5 24 13	20°33'53	27°33	1♐ 7	28°14	19°29	10°24	16°43	13°30	24°33	6°21	16°D41	15°29	17° 6	24°21	S 3
S 4	5 28 10	21°35'01	11♎13	2°28	29°29	20° 4	10°35	16°39	13°33	24°31	6°22	16°R42	15°26	17°12	24°28	S 4
M 5	5 32 6	22°36'09	24°38	3°51	0♑44	20°40	10°47	16°36	13°37	24°30	6°22	16°42	15°23	17°19	24°36	M 5
T 6	5 36 3	23°37'18	7♏51	5°14	1°59	21°15	10°59	16°33	13°40	24°28	6°23	16°40	15°20	17°26	24°43	T 6
W 7	5 40 0	24°38'27	20°53	6°39	3°14	21°51	11°11	16°29	13°43	24°27	6°24	16°35	15°16	17°33	24°50	W 7
T 8	5 43 56	25°39'38	3♑43	8° 4	4°30	22°26	11°23	16°26	13°46	24°26	6°24	16°27	15°13	17°39	24°57	T 8
F 9	5 47 53	26°40'48	16°24	9°30	5°45	23° 2	11°35	16°23	13°49	24°24	6°25	16°17	15°10	17°46	25° 4	F 9
S 10	5 51 49	27°41'59	28°54	10°57	7° 0	23°37	11°47	16°20	13°52	24°23	6°26	16° 4	15° 7	17°53	25°12	S 10
S 11	5 55 46	28°43'11	11♑13	12°24	8°15	24°12	12° 0	16°17	13°55	24°21	6°26	15°50	15° 4	17°59	25°19	S 11
M12	5 59 42	29°44'22	23°22	13°52	9°30	24°47	12°12	16°14	13°58	24°20	6°27	15°36	15° 1	18° 6	25°26	M12
T 13	6 3 39	0♑45'34	5♒23	15°20	10°46	25°22	12°25	16°11	14° 0	24°19	6°28	15°24	14°57	18°13	25°33	T 13
W14	6 7 35	1°46'46	17°16	16°49	12° 1	25°57	12°37	16° 8	14° 3	24°18	6°29	15°13	14°54	18°19	25°40	W14
T 15	6 11 32	2°47'57	29° 5	18°19	13°16	26°32	12°50	16° 6	14° 6	24°16	6°30	15° 6	14°51	18°26	25°47	T 15
F 16	6 15 29	3°49'09	10♓54	19°49	14°31	27° 7	13° 2	16° 3	14° 9	24°15	6°30	15° 1	14°48	18°33	25°53	F 16
S 17	6 19 25	4°50'20	22°47	21°19	15°46	27°42	13°15	16° 1	14°12	24°14	6°31	14°59	14°45	18°40	26° 0	S 17
S 18	6 23 22	5°51'31	4♈49	22°50	17° 2	28°17	13°28	15°59	14°14	24°13	6°32	14°D58	14°41	18°46	26° 7	S 18
M19	6 27 18	6°52'41	17° 5	24°21	18°17	28°52	13°41	15°57	14°17	24°11	6°33	14°R58	14°38	18°53	26°14	M19
T 20	6 31 15	7°53'52	29°42	25°52	19°32	29°26	13°54	15°54	14°19	24°10	6°34	14°58	14°35	19° 0	26°20	T 20
W21	6 35 11	8°55'02	12♉44	27°24	20°47	0♏ 1	14° 7	15°52	14°22	24° 9	6°35	14°55	14°32	19° 6	26°27	W21
T 22	6 39 8	9°56'11	26°14	28°57	22° 2	0°36	14°20	15°51	14°25	24° 8	6°36	14°50	14°29	19°13	26°33	T 22
F 23	6 43 4	10°57'21	10♊14	0♑29	23°18	1°10	14°33	15°49	14°27	24° 7	6°37	14°43	14°26	19°20	26°40	F 23
S 24	6 47 1	11°58'30	24°41	2° 2	24°33	1°45	14°46	15°47	14°29	24° 6	6°38	14°32	14°22	19°26	26°46	S 24
S 25	6 50 58	12°59'38	9♋30	3°36	25°48	2°19	14°59	15°46	14°32	24° 5	6°39	14°21	14°19	19°33	26°52	S 25
M26	6 54 54	14° 0'47	24°34	5°10	27° 3	2°53	15°13	15°44	14°34	24° 4	6°40	14° 9	14°16	19°40	26°59	M26
T 27	6 58 51	15° 1'55	9♌41	6°44	28°19	3°28	15°26	15°43	14°37	24° 3	6°41	13°58	14°13	19°47	27° 5	T 27
W28	7 2 47	16° 3'02	24°42	8°19	29°34	4° 2	15°40	15°42	14°39	24° 2	6°42	13°49	14°10	19°53	27°11	W28
T 29	7 6 44	17° 4'10	9♍27	9°55	0♑49	4°36	15°53	15°41	14°41	24° 1	6°43	13°43	14° 7	20° 0	27°17	T 29
F 30	7 10 40	18° 5'17	23°53	11°30	2° 4	5°10	16° 7	15°40	14°43	24° 1	6°45	13°40	14° 3	20° 7	27°23	F 30
S 31	7 14 37	19♑ 6'24	7♎55	13♑ 7	3♑20	5♏44	16♒20	15♉39	14♏45	24♉ 0	6♓46	13♈39	14♈ 0	20♒13	27♏29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	15n11	3n44	18s15	1n40	18s 4	1n13	5s55	1n23	18s34	0s49	14n37	2s23	15s33	0n22	17n15	1s46	22s 1	13s51	6n35	6n 9	20s 0	16s 8	2n48
F 2	23 5	9 0	2 47	18 39	1 33	18 23	1 11	6 9	1 23	18 31	0 49	14 36	2 23	15 34	0 22	17 15	1 46	22 1	13 51	6 34	6 8	19 58	16 10	2 48
S 3	23 10	2 30	1 40	19 3	1 25	18 42	1 9	6 22	1 23	18 28	0 49	14 35	2 23	15 35	0 22	17 14	1 46	22 0	13 50	6 34	6 7	19 55	16 11	2 48
S 4	23 14	4s 0	0 29	19 27	1 17	19 0	1 7	6 35	1 23	18 24	0 49	14 35	2 23	15 36	0 22	17 14	1 46	22 0	13 50	6 35	6 5	19 53	16 13	2 49
M 5	23 18	10 13	0s42	19 50	1 10	19 18	1 5	6 49	1 23	18 21	0 49	14 34	2 23	15 37	0 22	17 14	1 46	21 59	13 50	6 35	6 4	19 50	16 14	2 49
T 6	23 21	15 54	1 50	20 13	1 2	19 35	1 3	7 2	1 23	18 18	0 49	14 33	2 22	15 38	0 22	17 13	1 46	21 59	13 49	6 34	6 3	19 48	16 15	2 49
W 7	23 23	20 46	2 51	20 35	0 54	19 52	1 0	7 15	1 22	18 15	0 49	14 32	2 22	15 38	0 22	17 13	1 46	21 58	13 49	6 32	6 2	19 45	16 17	2 50
T 8	23 26	24 35	3 42	20 57	0 46	20 8	0 58	7 29	1 22	18 11	0 49	14 32	2 22	15 39	0 22	17 13	1 46	21 58	13 49	6 29	6 1	19 43	16 18	2 50
F 9	23 27	27 8	4 21	21 18	0 39	20 24	0 56	7 42	1 22	18 8	0 49	14 31	2 22	15 40	0 22	17 12	1 46	21 57	13 49	6 25	5 59	19 40	16 19	2 50
S 10	23 29	28 17	4 47	21 38	0 31	20 39	0 54	7 55	1 22	18 4	0 49	14 30	2 21	15 41	0 22	17 12	1 46	21 57	13 48	6 20	5 58	19 38	16 21	2 51
S 11	23 30	28 0	5 0	21 57	0 23	20 54	0 51	8 8	1 22	18 1	0 49	14 30	2 21	15 42	0 22	17 12	1 46	21 56	13 48	6 15	5 57	19 35	16 22	2 51
M12	23 30	26 21	4 58	22 16	0 16	21 7	0 49	8 21	1 22	17 57	0 49	14 29	2 21	15 43	0 22	17 11	1 46	21 56	13 48	6 9	5 56	19 33	16 23	2 52
T 13	23 30	23 32	4 43	22 33	0 8	21 21	0 47	8 34	1 22	17 54	0 49	14 29	2 21	15 44	0 22	17 11	1 46	21 55	13 48	6 5	5 54	19 30	16 25	2 52
W14	23 29	19 45	4 16	22 50	0 1	21 33	0 44	8 47	1 22	17 50	0 49	14 28	2 20	15 45	0 22	17 11	1 46	21 54	13 47	6 1	5 53	19 27	16 26	2 52
T 15	23 28	15 13	3 37	23 5	0s 6	21 45	0 42	8 59	1 22	17 47	0 49	14 28	2 20	15 45	0 22	17 11	1 46	21 54	13 47	5 58	5 52	19 25	16 27	2 53
F 16	23 27	10 7	2 50	23 20	0 14	21 57	0 39	9 12	1 22	17 43	0 49	14 27	2 20	15 46	0 22	17 10	1 46	21 53	13 47	5 56	5 51	19 22	16 28	2 53
S 17	23 25	4 38	1 55	23 33	0 21	22 8	0 37	9 24	1 22	17 39	0 49	14 27	2 20	15 47	0 22	17 10	1 46	21 53	13 46	5 55	5 49	19 20	16 29	2 54
S 18	23 22	1n 6	0 54	23 46	0 27	22 18	0 34	9 37	1 22	17 36	0 48	14 26	2 19	15 48	0 22	17 10	1 46	21 52	13 46	5 55	5 48	19 17	16 31	2 54
M19	23 19	6 54	0n11	23 57	0 34	22 27	0 32	9 49	1 22	17 32	0 48	14 26	2 19	15 49	0 22	17 10	1 46	21 52	13 46	5 55	5 47	19 15	16 32	2 54
T 20	23 16	12 36	1 17	24 7	0 41	22 36	0 29	10 2	1 22	17 28	0 48	14 26	2 19	15 49	0 22	17 9	1 46	21 51	13 46	5 55	5 46	19 12	16 33	2 55
W21	23 12	17 56	2 21	24 15	0 47	22 44	0 27	10 14	1 22	17 25	0 48	14 25	2 18	15 50	0 22	17 9	1 46	21 50	13 45	5 54	5 45	19 9	16 34	2 55
T 22	23 8	22 35	3 19	24 23	0 53	22 51	0 24	10 26	1 21	17 21	0 48	14 25	2 18	15 51	0 22	17 9	1 45	21 50	13 45	5 52	5 43	19 7	16 35	2 56
F 23	23 3	26 7	4 8	24 29	0 59	22 58	0 22	10 38	1 21	17 17	0 48	14 25	2 18	15 52	0 22	17 9	1 45	21 49	13 45	5 49	5 42	19 4	16 36	2 56
S 24	22 57	28 6	4 42	24 34	1 5	23 4	0 19	10 50	1 21	17 13	0 48	14 25	2 18	15 52	0 22	17 9	1 45	21 49	13 45	5 45	5 41	19 1	16 37	2 57
S 25	22 52	28 7	4 59	24 37	1 11	23 9	0 17	11 2	1 21	17 9	0 48	14 24	2 17	15 53	0 22	17 8	1 45	21 48	13 45	5 40	5 40	18 59	16 38	2 57
M26	22 46	26 6	4 55	24 40	1 16	23 14	0 14	11 14	1 21	17 5	0 48	14 24	2 17	15 54	0 22	17 8	1 45	21 47	13 44	5 35	5 38	18 56	16 39	2 58
T 27	22 39	22 13	4 31	24 41	1 21	23 18	0 12	11 26	1 21	17 1	0 49	14 24	2 17	15 54	0 22	17 8	1 45	21 47	13 44	5 31	5 37	18 54	16 40	2 58
W28	22 32	16 54	3 48	24 40	1 26	23 21	0 9	11 38	1 21	16 57	0 49	14 24	2 16	15 55	0 22	17 8	1 45	21 46	13 44	5 28	5 36	18 51	16 41	2 58
T 29	22 24	10 40	2 50	24 38	1 31	23 23	0 7	11 49	1 20	16 53	0 49	14 24	2 16	15 56	0 22	17 8	1 45	21 45	13 44	5 26	5 35	18 48	16 42	2 59
F 30	22 16	4 0	1 42	24 35	1 35	23 25	0 4	12 1	1 20	16 49	0 49	14 24	2 16	15 56	0 22	17 7	1 45	21 45	13 43	5 24	5 33	18 46	16 43	2 59
S 31	22s 8	2s41	0n30	24s30	1s39	23s26	0n 2	12s12	1n20	16s45	0s49	14n24	2s16	15s57	0n22	17n 7	1s45	21s44	13s43	5n24	5n32	18s43	16s44	3n 0

Julian Day Number = 2290451.5, Delta T = 160.87 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'07, Lahiri = 17°42'08 Julian Calendar 1 Dec. 1558 == Greg. Calendar 11 Dec. 1558

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

JANUARY 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 18 34	20♉ 7'31	21♎35	14♉44	4♉35	6♏18	16♒34	15°R38	14♏47	23°R59	6♓47	13°R39	13♈57	20♒20	27♏35	S 1
M 2	7 22 30	21° 8'38	4♏54	16°21	5°50	6°52	16°47	15♉37	14°49	23♉58	6°48	13♈39	13°54	20°27	27°41	M 2
T 3	7 26 27	22° 9'44	17°55	17°59	7° 5	7°26	17° 1	15°37	14°51	23°57	6°49	13°37	13°51	20°33	27°46	T 3
W 4	7 30 23	23°10'50	0♐41	19°37	8°21	8° 0	17°15	15°36	14°53	23°57	6°51	13°32	13°47	20°40	27°52	W 4
T 5	7 34 20	24°11'56	13°15	21°16	9°36	8°33	17°29	15°36	14°55	23°56	6°52	13°24	13°44	20°47	27°58	T 5
F 6	7 38 16	25°13'01	25°38	22°56	10°51	9° 7	17°43	15°36	14°57	23°55	6°53	13°13	13°41	20°54	28° 3	F 6
S 7	7 42 13	26°14'06	7♑53	24°36	12° 6	9°40	17°57	15°D36	14°59	23°55	6°54	13° 0	13°38	21° 0	28° 8	S 7
S 8	7 46 9	27°15'10	20° 0	26°17	13°22	10°14	18°10	15°36	15° 1	23°54	6°56	12°45	13°35	21° 7	28°14	S 8
M 9	7 50 6	28°16'13	2♒ 1	27°58	14°37	10°47	18°24	15°36	15° 2	23°54	6°57	12°31	13°32	21°14	28°19	M 9
T 10	7 54 3	29°17'15	13°56	29°40	15°52	11°20	18°38	15°36	15° 4	23°53	6°58	12°18	13°28	21°20	28°24	T 10
W11	7 57 59	0♒18'16	25°46	1♒23	17° 7	11°53	18°52	15°36	15° 6	23°53	7° 0	12° 7	13°25	21°27	28°29	W11
T 12	8 1 56	1°19'16	7♓35	3° 6	18°23	12°26	19° 7	15°37	15° 7	23°52	7° 1	11°59	13°22	21°34	28°34	T 12
F 13	8 5 52	2°20'15	19°23	4°50	19°38	12°59	19°21	15°37	15° 9	23°52	7° 2	11°53	13°19	21°40	28°39	F 13
S 14	8 9 49	3°21'13	1♈16	6°34	20°53	13°32	19°35	15°38	15°10	23°51	7° 4	11°51	13°16	21°47	28°44	S 14
S 15	8 13 45	4°22'10	13°17	8°19	22° 8	14° 5	19°49	15°39	15°11	23°51	7° 5	11°D50	13°13	21°54	28°49	S 15
M16	8 17 42	5°23'05	25°31	10° 5	23°23	14°37	20° 3	15°40	15°13	23°51	7° 6	11°51	13° 9	22° 0	28°54	M16
T 17	8 21 38	6°23'59	8♉ 3	11°51	24°39	15°10	20°17	15°41	15°14	23°50	7° 8	11°R51	13° 6	22° 7	28°58	T 17
W18	8 25 35	7°24'52	20°58	13°37	25°54	15°42	20°32	15°42	15°15	23°50	7° 9	11°50	13° 3	22°14	29° 3	W18
T 19	8 29 32	8°25'43	4♊20	15°24	27° 9	16°15	20°46	15°43	15°16	23°50	7°11	11°47	13° 0	22°21	29° 7	T 19
F 20	8 33 28	9°26'33	18°13	17°12	28°24	16°47	21° 0	15°45	15°18	23°50	7°12	11°42	12°57	22°27	29°12	F 20
S 21	8 37 25	10°27'21	2♋36	18°59	29°39	17°19	21°14	15°46	15°19	23°50	7°14	11°34	12°53	22°34	29°16	S 21
S 22	8 41 21	11°28'08	17°26	20°47	0♒55	17°51	21°29	15°48	15°20	23°50	7°15	11°25	12°50	22°41	29°20	S 22
M23	8 45 18	12°28'54	2♌35	22°34	2°10	18°23	21°43	15°50	15°21	23°50	7°17	11°16	12°47	22°47	29°24	M23
T 24	8 49 14	13°29'38	17°54	24°21	3°25	18°55	21°57	15°51	15°22	23°50	7°18	11° 7	12°44	22°54	29°28	T 24
W25	8 53 11	14°30'21	3♍11	26° 8	4°40	19°26	22°12	15°53	15°22	23°D50	7°20	11° 0	12°41	23° 1	29°32	W25
T 26	8 57 7	15°31'02	18°15	27°54	5°55	19°58	22°26	15°55	15°23	23°50	7°21	10°55	12°38	23° 7	29°36	T 26
F 27	9 1 4	16°31'42	2♎59	29°39	7°10	20°29	22°41	15°58	15°24	23°50	7°23	10°53	12°34	23°14	29°39	F 27
S 28	9 5 1	17°32'21	17°18	1♓23	8°25	21° 1	22°55	16° 0	15°25	23°50	7°24	10°D53	12°31	23°21	29°43	S 28
S 29	9 8 57	18°32'59	1♏ 9	3° 5	9°40	21°32	23° 9	16° 2	15°25	23°50	7°26	10°54	12°28	23°27	29°47	S 29
M30	9 12 54	19°33'36	14°34	4°45	10°56	22° 3	23°24	16° 5	15°26	23°50	7°27	10°R55	12°25	23°34	29°50	M30
T 31	9 16 50	20♒34'12	27♏36	6♓23	12♒11	22♏34	23♒38	16♉ 7	15♏26	23♉50	7♓29	10♈55	12♈22	23♒41	29♏53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s59	9s 5	0s42	24s23	1s43	23s26	0s 1	12s24	1n20	16s41	0s49	14n24	2s15	15s57	0n22	17n 7	1s45	21s44	13s43	5n24	5n31	18s40	16s44	3n 0
M 2	21 50	14 55	1 50	24 16	1 47	23 26	0 3	12 35	1 20	16 37	0 49	14 24	2 15	15 58	0 22	17 7	1 45	21 43	13 43	5 24	5 30	18 38	16 45	3 1
T 3	21 40	19 56	2 50	24 6	1 50	23 24	0 6	12 46	1 20	16 33	0 49	14 24	2 15	15 59	0 22	17 7	1 45	21 42	13 43	5 23	5 28	18 35	16 46	3 1
W 4	21 30	23 57	3 41	23 55	1 53	23 23	0 8	12 57	1 19	16 29	0 49	14 24	2 14	15 59	0 22	17 7	1 45	21 42	13 42	5 21	5 27	18 32	16 47	3 2
T 5	21 20	26 45	4 20	23 43	1 56	23 20	0 11	13 8	1 19	16 24	0 49	14 25	2 14	16 0	0 22	17 7	1 45	21 41	13 42	5 18	5 26	18 30	16 48	3 2
F 6	21 9	28 12	4 46	23 29	1 58	23 17	0 13	13 19	1 19	16 20	0 49	14 25	2 14	16 0	0 22	17 7	1 45	21 40	13 42	5 14	5 25	18 27	16 48	3 3
S 7	20 57	28 14	4 59	23 14	2 0	23 13	0 16	13 30	1 19	16 16	0 49	14 25	2 14	16 1	0 22	17 6	1 45	21 40	13 42	5 9	5 24	18 24	16 49	3 3
S 8	20 46	26 55	4 58	22 56	2 2	23 8	0 18	13 41	1 19	16 12	0 49	14 25	2 13	16 1	0 22	17 6	1 45	21 39	13 42	5 3	5 22	18 22	16 50	3 4
M 9	20 34	24 21	4 43	22 38	2 3	23 2	0 21	13 51	1 18	16 7	0 49	14 26	2 13	16 2	0 22	17 6	1 44	21 38	13 41	4 57	5 21	18 19	16 50	3 4
T 10	20 21	20 47	4 16	22 17	2 4	22 56	0 23	14 2	1 18	16 3	0 49	14 26	2 13	16 2	0 22	17 6	1 44	21 38	13 41	4 52	5 20	18 16	16 51	3 5
W11	20 8	16 23	3 38	21 55	2 4	22 49	0 25	14 12	1 18	15 59	0 49	14 27	2 12	16 3	0 23	17 6	1 44	21 37	13 41	4 48	5 19	18 14	16 52	3 5
T 12	19 55	11 24	2 51	21 32	2 4	22 42	0 28	14 23	1 18	15 54	0 49	14 27	2 12	16 3	0 23	17 6	1 44	21 36	13 41	4 45	5 17	18 11	16 52	3 6
F 13	19 41	6 0	1 56	21 7	2 4	22 33	0 30	14 33	1 17	15 50	0 49	14 27	2 12	16 4	0 23	17 6	1 44	21 36	13 41	4 43	5 16	18 8	16 53	3 6
S 14	19 27	0 21	0 56	20 40	2 3	22 24	0 32	14 43	1 17	15 45	0 49	14 28	2 11	16 4	0 23	17 6	1 44	21 35	13 41	4 42	5 15	18 5	16 53	3 7
S 15	19 13	5n22	0n 8	20 11	2 2	22 15	0 35	14 53	1 17	15 41	0 49	14 28	2 11	16 4	0 23	17 6	1 44	21 34	13 40	4 42	5 14	18 3	16 54	3 7
M16	18 58	11 1	1 12	19 41	2 0	22 4	0 37	15 3	1 17	15 36	0 49	14 29	2 11	16 5	0 23	17 6	1 44	21 34	13 40	4 42	5 12	18 0	16 54	3 8
T 17	18 43	16 21	2 15	19 10	1 58	21 53	0 39	15 13	1 16	15 32	0 49	14 30	2 11	16 5	0 23	17 6	1 44	21 33	13 40	4 42	5 11	17 57	16 55	3 8
W18	18 28	21 8	3 13	18 37	1 55	21 42	0 41	15 22	1 16	15 27	0 49	14 30	2 10	16 5	0 23	17 6	1 44	21 32	13 40	4 41	5 10	17 54	16 55	3 9
T 19	18 12	25 2	4 2	18 2	1 51	21 29	0 43	15 32	1 16	15 23	0 49	14 31	2 10	16 6	0 23	17 6	1 44	21 32	13 40	4 40	5 9	17 52	16 56	3 10
F 20	17 56	27 37	4 39	17 25	1 47	21 16	0 45	15 41	1 15	15 18	0 49	14 31	2 10	16 6	0 23	17 6	1 44	21 31	13 40	4 38	5 7	17 49	16 56	3 10
S 21	17 40	28 29	5 0	16 48	1 43	21 3	0 47	15 51	1 15	15 14	0 49	14 32	2 9	16 6	0 23	17 6	1 44	21 30	13 40	4 35	5 6	17 46	16 56	3 11
S 22	17 23	27 21	5 2	16 8	1 37	20 48	0 49	16 0	1 15	15 9	0 49	14 33	2 9	16 7	0 23	17 6	1 44	21 30	13 40	4 32	5 5	17 43	16 57	3 11
M23	17 6	24 14	4 44	15 28	1 31	20 34	0 51	16 9	1 14	15 5	0 49	14 34	2 9	16 7	0 23	17 6	1 44	21 29	13 39	4 28	5 4	17 41	16 57	3 12
T 24	16 49	19 23	4 4	14 46	1 25	20 18	0 53	16 18	1 14	15 0	0 49	14 35	2 9	16 7	0 23	17 6	1 44	21 28	13 39	4 25	5 2	17 38	16 57	3 12
W25	16 31	13 17	3 8	14 3	1 17	20 2	0 55	16 27	1 14	14 55	0 49	14 35	2 8	16 7	0 23	17 6	1 43	21 28	13 39	4 22	5 1	17 35	16 58	3 13
T 26	16 13	6 28	1 58	13 19	1 9	19 45	0 57	16 36	1 13	14 51	0 49	14 36	2 8	16 8	0 23	17 6	1 43	21 27	13 39	4 20	5 0	17 32	16 58	3 13
F 27	15 55	0s33	0 42	12 34	1 1	19 28	0 59	16 45	1 13	14 46	0 49	14 37	2 8	16 8	0 23	17 6	1 43	21 26	13 39	4 19	4 59	17 30	16 58	3 14
S 28	15 37	7 20	0s34	11 48	0 51	19 10	1 0	16 53	1 12	14 41	0 49	14 38	2 7	16 8	0 23	17 7	1 43	21 26	13 39	4 19	4 58	17 27	16 58	3 15
S 29	15 18	13 34	1 47	11 2	0 41	18 52	1 2	17 2	1 12	14 37	0 50	14 39	2 7	16 8	0 23	17 7	1 43	21 25	13 39	4 20	4 56	17 24	16 58	3 15
M30	14 59	18 58	2 51	10 15	0 30	18 33	1 4	17 10	1 12	14 32	0 50	14 40	2 7	16 8	0 23	17 7	1 43	21 24	13 39	4 20	4 55	17 21	16 59	3 16
T 31	14s40	23s19	3s44	9s29	0s19	18s14	1s 5	17s19	1n11	14s27	0s50	14n41	2s 7	16s 9	0n23	17n 7	1s43	21s24	13s39	4n20	4n54	17s18	16s59	3n16

Julian Day Number = 2290482.5, Delta T = 160.69 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'11, Lahiri = 17°42'12 Julian Calendar 1 Jan. 1559 == Greg. Calendar 11 Jan. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

FEBRUARY 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 20 47	21♒34'46	10♐19	7♓57	13♒26	23♏ 5	23♒53	16♉10	15♏27	23♉50	7♓30	10°R53	12♈19	23♒48	29♏57	W 1
T 2	9 24 43	22°35'19	22°45	9°28	14°41	23°35	24° 7	16°13	15°27	23°51	7°32	10♈49	12°15	23°54	29°59	T 2
F 3	9 28 40	23°35'51	4♑58	10°54	15°56	24° 6	24°21	16°16	15°28	23°51	7°33	10°43	12°12	24° 1	0♐ 3	F 3
S 4	9 32 36	24°36'22	17° 3	12°15	17°11	24°36	24°36	16°19	15°28	23°51	7°35	10°35	12° 9	24° 8	0° 6	S 4
S 5	9 36 33	25°36'51	29° 1	13°31	18°26	25° 6	24°50	16°22	15°28	23°52	7°37	10°26	12° 6	24°14	0° 9	S 5
M 6	9 40 30	26°37'18	10♒54	14°40	19°41	25°36	25° 5	16°25	15°28	23°52	7°38	10°17	12° 3	24°21	0°11	M 6
T 7	9 44 26	27°37'44	22°44	15°42	20°56	26° 6	25°19	16°28	15°29	23°53	7°40	10° 9	11°59	24°28	0°14	T 7
W 8	9 48 23	28°38'08	4♓34	16°37	22°11	26°36	25°34	16°32	15°29	23°53	7°41	10° 2	11°56	24°34	0°16	W 8
T 9	9 52 19	29°38'30	16°24	17°24	23°26	27° 6	25°48	16°35	15°R29	23°54	7°43	9°57	11°53	24°41	0°19	T 9
F 10	9 56 16	0♓38'51	28°17	18° 2	24°41	27°35	26° 3	16°39	15°29	23°54	7°44	9°54	11°50	24°48	0°21	F 10
S 11	10 0 12	1°39'09	10♈15	18°31	25°56	28° 4	26°17	16°42	15°29	23°55	7°46	9°D53	11°47	24°54	0°23	S 11
S 12	10 4 9	2°39'26	22°21	18°50	27°11	28°33	26°31	16°46	15°28	23°55	7°48	9°54	11°44	25° 1	0°25	S 12
M13	10 8 5	3°39'41	4♉39	19° 0	28°26	29° 2	26°46	16°50	15°28	23°56	7°49	9°56	11°40	25° 8	0°27	M13
T 14	10 12 2	4°39'54	17°12	19°R 0	29°41	29°31	27° 0	16°54	15°28	23°57	7°51	9°57	11°37	25°14	0°29	T 14
W15	10 15 59	5°40'04	0♊ 5	18°51	0♓56	29°59	27°14	16°58	15°28	23°57	7°53	9°R58	11°34	25°21	0°31	W15
T 16	10 19 55	6°40'13	13°21	18°33	2°11	0♐28	27°29	17° 2	15°27	23°58	7°54	9°58	11°31	25°28	0°33	T 16
F 17	10 23 52	7°40'19	27° 3	18° 6	3°26	0°56	27°43	17° 6	15°27	23°59	7°56	9°57	11°28	25°35	0°34	F 17
S 18	10 27 48	8°40'24	11♋12	17°31	4°41	1°24	27°57	17°11	15°27	24° 0	7°57	9°54	11°24	25°41	0°36	S 18
S 19	10 31 45	9°40'26	25°48	16°49	5°56	1°51	28°12	17°15	15°26	24° 1	7°59	9°50	11°21	25°48	0°37	S 19
M20	10 35 41	10°40'26	10♌44	16° 1	7°11	2°19	28°26	17°20	15°25	24° 2	8° 1	9°46	11°18	25°55	0°38	M20
T 21	10 39 38	11°40'24	25°54	15° 8	8°25	2°46	28°40	17°24	15°25	24° 2	8° 2	9°42	11°15	26° 1	0°40	T 21
W22	10 43 34	12°40'19	11♍ 8	14°12	9°40	3°13	28°55	17°29	15°24	24° 3	8° 4	9°39	11°12	26° 8	0°41	W22
T 23	10 47 31	13°40'13	26°17	13°13	10°55	3°40	29° 9	17°34	15°23	24° 4	8° 5	9°37	11° 9	26°15	0°42	T 23
F 24	10 51 28	14°40'05	11♎ 9	12°14	12°10	4° 7	29°23	17°38	15°23	24° 5	8° 7	9°D36	11° 5	26°21	0°42	F 24
S 25	10 55 24	15°39'55	25°40	11°16	13°25	4°33	29°37	17°43	15°22	24° 6	8° 9	9°37	11° 2	26°28	0°43	S 25
S 26	10 59 21	16°39'43	9♏44	10°19	14°39	5° 0	29°51	17°48	15°21	24° 7	8°10	9°38	10°59	26°35	0°44	S 26
M27	11 3 17	17°39'30	23°21	9°25	15°54	5°26	0♓ 5	17°53	15°20	24° 9	8°12	9°40	10°56	26°41	0°44	M27
T 28	11 7 14	18♓39'15	6♐31	8♓35	17♓ 9	5♐51	0♓19	17♉59	15♏19	24♉10	8♓13	9♈41	10♈53	26♒48	0♐45	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s21	26s25	4s25	8s42	0s 6	17s54	1s 7	17s27	1n11	14s23	0s50	14n42	2s 6	16s 9	0n23	17n 7	1s43	21s23	13s39	4n19	4n53	17s16	16s59	3n17
T 2	14 1	28 10	4 52	7 56	0n 7	17 33	1 8	17 35	1 10	14 18	0 50	14 43	2 6	16 9	0 23	17 7	1 43	21 22	13 39	4 17	4 51	17 13	16 59	3 18
F 3	13 41	28 30	5 6	7 11	0 20	17 12	1 10	17 43	1 10	14 13	0 50	14 44	2 6	16 9	0 23	17 7	1 43	21 22	13 39	4 15	4 50	17 10	16 59	3 18
S 4	13 21	27 27	5 5	6 27	0 34	16 51	1 11	17 51	1 9	14 8	0 50	14 45	2 5	16 9	0 23	17 7	1 43	21 21	13 39	4 12	4 49	17 7	16 59	3 19
S 5	13 1	25 10	4 52	5 45	0 49	16 29	1 12	17 59	1 9	14 4	0 50	14 46	2 5	16 9	0 23	17 8	1 43	21 20	13 39	4 8	4 48	17 4	16 59	3 19
M 6	12 40	21 47	4 25	5 5	1 4	16 7	1 14	18 6	1 8	13 59	0 50	14 48	2 5	16 9	0 23	17 8	1 43	21 20	13 38	4 5	4 46	17 2	16 59	3 20
T 7	12 20	17 33	3 47	4 27	1 19	15 44	1 15	18 14	1 8	13 54	0 50	14 49	2 5	16 9	0 23	17 8	1 43	21 19	13 38	4 2	4 45	16 59	16 59	3 20
W 8	11 59	12 39	3 0	3 51	1 34	15 21	1 16	18 21	1 7	13 49	0 50	14 50	2 4	16 9	0 23	17 8	1 43	21 18	13 38	3 59	4 44	16 56	16 59	3 21
T 9	11 38	7 17	2 4	3 19	1 49	14 57	1 17	18 29	1 7	13 44	0 50	14 51	2 4	16 9	0 23	17 8	1 43	21 18	13 38	3 57	4 43	16 53	16 59	3 22
F 10	11 16	1 39	1 3	2 51	2 4	14 33	1 18	18 36	1 6	13 40	0 50	14 53	2 4	16 9	0 23	17 8	1 42	21 17	13 38	3 56	4 41	16 50	16 59	3 22
S 11	10 55	4n 6	0n 2	2 26	2 19	14 9	1 19	18 43	1 6	13 35	0 50	14 54	2 3	16 9	0 23	17 9	1 42	21 17	13 38	3 56	4 40	16 47	16 59	3 23
S 12	10 33	9 46	1 7	2 5	2 33	13 44	1 20	18 50	1 5	13 30	0 50	14 55	2 3	16 9	0 23	17 9	1 42	21 16	13 38	3 56	4 39	16 45	16 58	3 23
M13	10 11	15 9	2 11	1 49	2 46	13 18	1 21	18 57	1 4	13 25	0 51	14 57	2 3	16 9	0 23	17 9	1 42	21 15	13 38	3 57	4 38	16 42	16 58	3 24
T 14	9 49	20 2	3 10	1 38	2 58	12 53	1 21	19 4	1 4	13 20	0 51	14 58	2 3	16 9	0 23	17 9	1 42	21 15	13 38	3 57	4 36	16 39	16 58	3 25
W15	9 27	24 8	4 0	1 31	3 9	12 27	1 22	19 10	1 3	13 15	0 51	14 59	2 2	16 9	0 23	17 10	1 42	21 14	13 38	3 58	4 35	16 36	16 58	3 25
T 16	9 5	27 5	4 40	1 29	3 19	12 1	1 23	19 17	1 2	13 10	0 51	15 1	2 2	16 9	0 23	17 10	1 42	21 14	13 38	3 58	4 34	16 33	16 57	3 26
F 17	8 43	28 33	5 5	1 32	3 27	11 34	1 23	19 23	1 2	13 5	0 51	15 2	2 2	16 9	0 23	17 10	1 42	21 13	13 38	3 57	4 33	16 30	16 57	3 27
S 18	8 20	28 13	5 13	1 40	3 34	11 7	1 24	19 30	1 1	13 1	0 51	15 4	2 2	16 8	0 23	17 10	1 42	21 12	13 38	3 56	4 31	16 27	16 57	3 27
S 19	7 58	25 58	5 1	1 52	3 39	10 40	1 24	19 36	1 0	12 56	0 51	15 5	2 1	16 8	0 23	17 11	1 42	21 12	13 39	3 54	4 30	16 25	16 57	3 28
M20	7 35	21 53	4 29	2 8	3 41	10 13	1 25	19 42	1 0	12 51	0 51	15 7	2 1	16 8	0 23	17 11	1 42	21 11	13 39	3 53	4 29	16 22	16 56	3 28
T 21	7 12	16 19	3 37	2 28	3 42	9 45	1 25	19 48	0 59	12 46	0 51	15 8	2 1	16 8	0 23	17 11	1 42	21 11	13 39	3 51	4 28	16 19	16 56	3 29
W22	6 49	9 43	2 30	2 51	3 40	9 17	1 26	19 54	0 58	12 41	0 51	15 10	2 1	16 8	0 23	17 11	1 42	21 10	13 39	3 50	4 26	16 16	16 55	3 30
T 23	6 26	2 36	1 13	3 16	3 37	8 49	1 26	20 0	0 57	12 36	0 51	15 11	2 0	16 7	0 23	17 12	1 42	21 9	13 39	3 49	4 25	16 13	16 55	3 30
F 24	6 3	4s33	0s 9	3 44	3 31	8 20	1 26	20 6	0 56	12 31	0 52	15 13	2 0	16 7	0 23	17 12	1 42	21 9	13 39	3 49	4 24	16 10	16 55	3 31
S 25	5 40	11 18	1 27	4 13	3 24	7 52	1 26	20 12	0 56	12 26	0 52	15 14	2 0	16 7	0 23	17 12	1 42	21 8	13 39	3 49	4 23	16 7	16 54	3 31
S 26	5 17	17 16	2 38	4 43	3 15	7 23	1 26	20 17	0 55	12 22	0 52	15 16	2 0	16 7	0 23	17 13	1 42	21 8	13 39	3 50	4 21	16 4	16 54	3 32
M27	4 53	22 10	3 38	5 13	3 5	6 54	1 26	20 23	0 54	12 17	0 52	15 18	1 59	16 6	0 23	17 13	1 41	21 7	13 39	3 50	4 20	16 1	16 53	3 33
T 28	4s30	25s47	4s24	5s42	2n53	6s24	1s26	20s28	0n53	12s12	0s52	15n19	1s59	16s 6	0n23	17n13	1s41	21s 7	13s39	3n51	4n19	15s59	16s53	3n33

Julian Day Number = 2290513.5, Delta T = 160.52 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'16, Lahiri = 17°42'16 Julian Calendar 1 Feb. 1559 == Greg. Calendar 11 Feb. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

MARCH 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 11 10	19♓38'58	19♐18	7°R49	18♓24	6♐17	0♓34	18♉ 4	15°R18	24♉11	8♓15	9°R41	10♈50	26♒55	0♐45	W 1
T 2	11 15 7	20°38'40	1♋45	7♓ 9	19°38	6°42	0°48	18° 9	15♏17	24°12	8°17	9♈41	10°46	27° 1	0°45	T 2
F 3	11 19 3	21°38'19	13°57	6°34	20°53	7° 7	1° 2	18°15	15°16	24°13	8°18	9°40	10°43	27° 8	0°R45	F 3
S 4	11 23 0	22°37'57	25°58	6° 6	22° 8	7°32	1°16	18°20	15°15	24°14	8°20	9°38	10°40	27°15	0°45	S 4
S 5	11 26 57	23°37'33	7♒51	5°43	23°22	7°56	1°29	18°26	15°14	24°16	8°21	9°35	10°37	27°21	0°45	S 5
M 6	11 30 53	24°37'08	19°41	5°27	24°37	8°20	1°43	18°31	15°12	24°17	8°23	9°33	10°34	27°28	0°45	M 6
T 7	11 34 50	25°36'40	1♓30	5°16	25°52	8°44	1°57	18°37	15°11	24°18	8°24	9°30	10°30	27°35	0°45	T 7
W 8	11 38 46	26°36'10	13°20	5°D12	27° 6	9° 8	2°11	18°43	15°10	24°20	8°26	9°29	10°27	27°42	0°44	W 8
T 9	11 42 43	27°35'38	25°15	5°14	28°21	9°31	2°25	18°48	15° 8	24°21	8°27	9°28	10°24	27°48	0°44	T 9
F 10	11 46 39	28°35'05	7♈16	5°21	29°36	9°54	2°38	18°54	15° 7	24°23	8°29	9°D27	10°21	27°55	0°43	F 10
S 11	11 50 36	29°34'29	19°25	5°34	0♈50	10°16	2°52	19° 0	15° 5	24°24	8°31	9°27	10°18	28° 2	0°42	S 11
S 12	11 54 32	0♈33'51	1♉44	5°52	2° 5	10°38	3° 6	19° 6	15° 4	24°25	8°32	9°28	10°15	28° 8	0°41	S 12
M13	11 58 29	1°33'10	14°15	6°15	3°19	11° 0	3°19	19°12	15° 2	24°27	8°34	9°29	10°11	28°15	0°40	M13
T 14	12 2 26	2°32'28	26°59	6°42	4°34	11°22	3°33	19°18	15° 1	24°28	8°35	9°30	10° 8	28°22	0°39	T 14
W15	12 6 22	3°31'43	9♊59	7°14	5°48	11°43	3°46	19°25	14°59	24°30	8°37	9°30	10° 5	28°28	0°38	W15
T 16	12 10 19	4°30'56	23°17	7°50	7° 3	12° 4	4° 0	19°31	14°57	24°32	8°38	9°30	10° 2	28°35	0°37	T 16
F 17	12 14 15	5°30'07	6♋55	8°30	8°17	12°24	4°13	19°37	14°56	24°33	8°39	9°R31	9°59	28°42	0°36	F 17
S 18	12 18 12	6°29'16	20°53	9°14	9°32	12°45	4°27	19°44	14°54	24°35	8°41	9°30	9°56	28°48	0°34	S 18
S 19	12 22 8	7°28'21	5♌11	10° 1	10°46	13° 4	4°40	19°50	14°52	24°36	8°42	9°30	9°52	28°55	0°32	S 19
M20	12 26 5	8°27'25	19°47	10°52	12° 1	13°24	4°53	19°57	14°50	24°38	8°44	9°30	9°49	29° 2	0°31	M20
T 21	12 30 1	9°26'26	4♍35	11°46	13°15	13°43	5° 6	20° 3	14°48	24°40	8°45	9°D30	9°46	29° 8	0°29	T 21
W22	12 33 58	10°25'25	19°29	12°42	14°29	14° 1	5°19	20°10	14°47	24°41	8°47	9°30	9°43	29°15	0°27	W22
T 23	12 37 55	11°24'22	4♎23	13°42	15°44	14°19	5°32	20°16	14°45	24°43	8°48	9°R30	9°40	29°22	0°25	T 23
F 24	12 41 51	12°23'16	19° 7	14°45	16°58	14°37	5°45	20°23	14°43	24°45	8°49	9°30	9°36	29°28	0°23	F 24
S 25	12 45 48	13°22'09	3♏36	15°50	18°12	14°54	5°58	20°30	14°41	24°47	8°51	9°30	9°33	29°35	0°21	S 25
S 26	12 49 44	14°21'00	17°43	16°57	19°27	15°11	6°11	20°37	14°39	24°49	8°52	9°30	9°30	29°42	0°19	S 26
M27	12 53 41	15°19'49	1♐26	18° 7	20°41	15°27	6°24	20°43	14°37	24°50	8°54	9°29	9°27	29°48	0°17	M27
T 28	12 57 37	16°18'36	14°43	19°19	21°55	15°43	6°37	20°50	14°34	24°52	8°55	9°28	9°24	29°55	0°14	T 28
W29	13 1 34	17°17'21	27°37	20°34	23° 9	15°59	6°49	20°57	14°32	24°54	8°56	9°27	9°21	0♓ 2	0°12	W29
T 30	13 5 30	18°16'05	10♋ 9	21°50	24°23	16°14	7° 2	21° 4	14°30	24°56	8°58	9°27	9°17	0° 8	0° 9	T 30
F 31	13 9 27	19♈14'47	22♋23	23♓ 9	25♈38	16♐28	7♓15	21♉11	14♏28	24♉58	8♓59	9°D27	9♈14	0♓15	0♐ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s 7	27s59	4s56	6s11	2n40	5s55	1s26	20s33	0n52	12s 7	0s52	15n21	1s59	16s 6	0n23	17n14	1s41	21s 6	13s39	3n51	4n18	15s56	16s52	3n34
T 2	3 43	28 42	5 12	6 39	2 26	5 25	1 25	20 39	0 51	12 2	0 52	15 23	1 59	16 6	0 23	17 14	1 41	21 6	13 39	3 51	4 16	15 53	16 52	3 35
F 3	3 19	27 59	5 15	7 5	2 12	4 56	1 25	20 44	0 50	11 57	0 52	15 24	1 59	16 5	0 23	17 14	1 41	21 5	13 39	3 50	4 15	15 50	16 51	3 35
S 4	2 56	25 58	5 3	7 29	1 57	4 26	1 25	20 49	0 49	11 52	0 52	15 26	1 58	16 5	0 23	17 15	1 41	21 5	13 39	3 49	4 14	15 47	16 50	3 36
S 5	2 32	22 50	4 38	7 51	1 42	3 56	1 24	20 54	0 48	11 47	0 53	15 28	1 58	16 4	0 23	17 15	1 41	21 4	13 40	3 48	4 13	15 44	16 50	3 36
M 6	2 9	18 46	4 2	8 11	1 27	3 26	1 24	20 59	0 47	11 42	0 53	15 30	1 58	16 4	0 23	17 15	1 41	21 4	13 40	3 47	4 11	15 41	16 49	3 37
T 7	1 45	14 0	3 15	8 29	1 12	2 55	1 23	21 3	0 46	11 38	0 53	15 31	1 58	16 4	0 23	17 16	1 41	21 3	13 40	3 47	4 10	15 38	16 48	3 38
W 8	1 21	8 43	2 20	8 44	0 57	2 25	1 23	21 8	0 45	11 33	0 53	15 33	1 57	16 3	0 23	17 16	1 41	21 3	13 40	3 46	4 9	15 35	16 48	3 38
T 9	0 58	3 5	1 18	8 57	0 43	1 55	1 22	21 13	0 44	11 28	0 53	15 35	1 57	16 3	0 23	17 17	1 41	21 2	13 40	3 45	4 8	15 32	16 47	3 39
F 10	0 34	2n43	0 12	9 8	0 28	1 24	1 21	21 17	0 43	11 23	0 53	15 37	1 57	16 2	0 23	17 17	1 41	21 2	13 40	3 45	4 6	15 29	16 46	3 40
S 11	0 10	8 28	0n55	9 16	0 15	0 54	1 21	21 22	0 41	11 18	0 53	15 39	1 57	16 2	0 23	17 17	1 41	21 1	13 40	3 45	4 5	15 26	16 46	3 40
S 12	0n14	13 59	2 0	9 22	0 1	0 23	1 20	21 26	0 40	11 13	0 53	15 40	1 57	16 2	0 23	17 18	1 41	21 1	13 40	3 46	4 4	15 23	16 45	3 41
M13	0 37	19 2	3 1	9 26	0s12	0n 7	1 19	21 30	0 39	11 9	0 54	15 42	1 56	16 1	0 23	17 18	1 41	21 0	13 41	3 46	4 3	15 20	16 44	3 41
T 14	1 1	23 20	3 54	9 27	0 25	0 38	1 18	21 35	0 38	11 4	0 54	15 44	1 56	16 1	0 23	17 19	1 41	21 0	13 41	3 46	4 1	15 17	16 43	3 42
W15	1 24	26 33	4 36	9 26	0 37	1 8	1 17	21 39	0 36	10 59	0 54	15 46	1 56	16 0	0 23	17 19	1 41	21 0	13 41	3 46	4 0	15 14	16 42	3 43
T 16	1 48	28 24	5 5	9 24	0 48	1 39	1 16	21 43	0 35	10 54	0 54	15 48	1 56	16 0	0 23	17 19	1 41	20 59	13 41	3 47	3 59	15 11	16 41	3 43
F 17	2 11	28 36	5 17	9 19	0 59	2 9	1 15	21 47	0 34	10 49	0 54	15 50	1 56	15 59	0 23	17 20	1 41	20 59	13 41	3 47	3 58	15 9	16 41	3 44
S 18	2 35	27 0	5 11	9 12	1 9	2 40	1 13	21 51	0 32	10 45	0 54	15 52	1 55	15 59	0 23	17 20	1 40	20 58	13 41	3 47	3 56	15 6	16 40	3 44
S 19	2 58	23 38	4 46	9 3	1 19	3 10	1 12	21 55	0 31	10 40	0 54	15 53	1 55	15 58	0 23	17 21	1 40	20 58	13 42	3 47	3 55	15 3	16 39	3 45
M20	3 22	18 45	4 2	8 52	1 28	3 40	1 11	21 59	0 30	10 35	0 54	15 55	1 55	15 58	0 23	17 21	1 40	20 57	13 42	3 46	3 54	15 0	16 38	3 46
T 21	3 45	12 41	3 2	8 40	1 37	4 11	1 10	22 2	0 28	10 31	0 55	15 57	1 55	15 57	0 23	17 22	1 40	20 57	13 42	3 46	3 53	14 57	16 37	3 46
W22	4 8	5 51	1 49	8 25	1 45	4 41	1 8	22 6	0 26	10 26	0 55	15 59	1 55	15 56	0 23	17 22	1 40	20 57	13 42	3 46	3 51	14 54	16 36	3 47
T 23	4 31	1s19	0 28	8 9	1 52	5 11	1 7	22 10	0 25	10 21	0 55	16 1	1 54	15 56	0 23	17 23	1 40	20 56	13 42	3 46	3 50	14 51	16 35	3 47
F 24	4 54	8 19	0s53	7 51	1 59	5 41	1 5	22 13	0 23	10 17	0 55	16 3	1 54	15 55	0 23	17 23	1 40	20 56	13 43	3 46	3 49	14 48	16 34	3 48
S 25	5 17	14 47	2 10	7 32	2 6	6 11	1 4	22 17	0 22	10 12	0 55	16 5	1 54	15 55	0 23	17 23	1 40	20 56	13 43	3 46	3 48	14 45	16 33	3 48
S 26	5 40	20 18	3 17	7 11	2 11	6 40	1 2	22 21	0 20	10 7	0 55	16 7	1 54	15 54	0 23	17 24	1 40	20 55	13 43	3 46	3 46	14 42	16 32	3 49
M27	6 3	24 35	4 10	6 48	2 17	7 10	1 0	22 24	0 18	10 3	0 56	16 9	1 54	15 53	0 23	17 24	1 40	20 55	13 43	3 46	3 45	14 39	16 31	3 50
T 28	6 26	27 23	4 48	6 24	2 21	7 39	0 59	22 27	0 17	9 58	0 56	16 11	1 54	15 53	0 23	17 25	1 40	20 55	13 43	3 46	3 44	14 36	16 30	3 50
W29	6 48	28 39	5 10	5 59	2 25	8 8	0 57	22 31	0 15	9 54	0 56	16 13	1 53	15 52	0 23	17 25	1 40	20 54	13 44	3 45	3 43	14 33	16 29	3 51
T 30	7 11	28 23	5 17	5 32	2 29	8 37	0 55	22 34	0 13	9 49	0 56	16 15	1 53	15 52	0 23	17 26	1 40	20 54	13 44	3 45	3 41	14 30	16 28	3 51
F 31	7n33	26s43	5s 9	5s 3	2s32	9n 6	0s53	22s38	0n11	9s45	0s56	16n17	1s53	15s51	0n23	17n26	1s40	20s54	13s44	3n45	3n40	14s27	16s27	3n52

Julian Day Number = 2290541.5, Delta T = 160.36 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'19, Lahiri = 17°42'20 Julian Calendar 1 March 1559 == Greg. Calendar 11 March 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

APRIL 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 13 24	20♈13'27	4♒24	24♓29	26♈52	16♐42	7♓27	21♉18	14°R26	25♉ 0	9♓ 0	9♈27	9♈11	0♓22	0°R 4	S 1
S 2	13 17 20	21°12'06	16°17	25°52	28° 6	16°55	7°39	21°25	14♏24	25° 2	9° 1	9°28	9° 8	0°28	0♐ 1	S 2
M 3	13 21 17	22°10'42	28° 7	27°16	29°20	17° 8	7°52	21°32	14°21	25° 4	9° 3	9°29	9° 5	0°35	29♏58	M 3
T 4	13 25 13	23° 9'17	9♓56	28°43	0♉34	17°21	8° 4	21°40	14°19	25° 5	9° 4	9°30	9° 1	0°42	29°55	T 4
W 5	13 29 10	24° 7'50	21°50	0♈11	1°48	17°32	8°16	21°47	14°17	25° 7	9° 5	9°32	8°58	0°48	29°52	W 5
T 6	13 33 6	25° 6'22	3♈51	1°41	3° 2	17°43	8°28	21°54	14°14	25° 9	9° 6	9°R32	8°55	0°55	29°49	T 6
F 7	13 37 3	26° 4'51	16° 3	3°13	4°17	17°54	8°40	22° 1	14°12	25°11	9° 7	9°32	8°52	1° 2	29°46	F 7
S 8	13 40 59	27° 3'19	28°26	4°47	5°31	18° 4	8°52	22° 9	14°10	25°13	9° 9	9°31	8°49	1° 9	29°43	S 8
S 9	13 44 56	28° 1'45	11♉ 2	6°22	6°45	18°13	9° 4	22°16	14° 7	25°16	9°10	9°30	8°46	1°15	29°39	S 9
M10	13 48 52	29° 0'09	23°53	7°59	7°59	18°22	9°16	22°23	14° 5	25°18	9°11	9°27	8°42	1°22	29°36	M10
T 11	13 52 49	29°58'31	6♊57	9°38	9°13	18°30	9°27	22°31	14° 3	25°20	9°12	9°24	8°39	1°29	29°32	T 11
W12	13 56 46	0♉56'51	20°15	11°19	10°27	18°38	9°39	22°38	14° 0	25°22	9°13	9°21	8°36	1°35	29°29	W12
T 13	14 0 42	1°55'09	3♋47	13° 1	11°41	18°44	9°50	22°46	13°58	25°24	9°14	9°18	8°33	1°42	29°25	T 13
F 14	14 4 39	2°53'25	17°31	14°46	12°54	18°51	10° 2	22°53	13°55	25°26	9°15	9°17	8°30	1°49	29°22	F 14
S 15	14 8 35	3°51'39	1♌28	16°32	14° 8	18°56	10°13	23° 1	13°53	25°28	9°16	9°D16	8°27	1°55	29°18	S 15
S 16	14 12 32	4°49'51	15°36	18°19	15°22	19° 1	10°24	23° 8	13°50	25°30	9°17	9°16	8°23	2° 2	29°14	S 16
M17	14 16 28	5°48'01	29°53	20° 9	16°36	19° 5	10°35	23°16	13°48	25°32	9°18	9°17	8°20	2° 9	29°10	M17
T 18	14 20 25	6°46'08	14♍18	22° 0	17°50	19° 8	10°46	23°24	13°45	25°34	9°19	9°19	8°17	2°15	29° 7	T 18
W19	14 24 21	7°44'14	28°46	23°53	19° 4	19°11	10°57	23°31	13°43	25°37	9°20	9°20	8°14	2°22	29° 3	W19
T 20	14 28 18	8°42'17	13♎14	25°48	20°18	19°13	11° 8	23°39	13°40	25°39	9°21	9°R20	8°11	2°29	28°59	T 20
F 21	14 32 15	9°40'19	27°37	27°45	21°31	19°15	11°19	23°46	13°38	25°41	9°22	9°19	8° 7	2°35	28°55	F 21
S 22	14 36 11	10°38'19	11♏49	29°44	22°45	19°R15	11°29	23°54	13°35	25°43	9°23	9°16	8° 4	2°42	28°51	S 22
S 23	14 40 8	11°36'18	25°45	1♑44	23°59	19°15	11°40	24° 2	13°33	25°45	9°24	9°12	8° 1	2°49	28°47	S 23
M24	14 44 4	12°34'15	9♐23	3°46	25°13	19°14	11°50	24° 9	13°30	25°47	9°25	9° 7	7°58	2°55	28°43	M24
T 25	14 48 1	13°32'11	22°39	5°49	26°26	19°13	12° 1	24°17	13°28	25°50	9°26	9° 2	7°55	3° 2	28°38	T 25
W26	14 51 57	14°30'05	5♑34	7°54	27°40	19°10	12°11	24°25	13°25	25°52	9°27	8°57	7°52	3° 9	28°34	W26
T 27	14 55 54	15°27'58	18° 8	10° 1	28°54	19° 7	12°21	24°33	13°23	25°54	9°27	8°52	7°48	3°15	28°30	T 27
F 28	14 59 50	16°25'50	0♒24	12° 8	0♊ 7	19° 3	12°31	24°40	13°20	25°56	9°28	8°49	7°45	3°22	28°26	F 28
S 29	15 3 47	17°23'40	12°27	14°17	1°21	18°59	12°41	24°48	13°18	25°59	9°29	8°D48	7°42	3°29	28°22	S 29
S 30	15 7 44	18♉21'29	24♒21	16♉27	2♊34	18♐53	12♓51	24♉56	13♏15	26♉ 1	9♓30	8♈48	7♈39	3♓35	28♏17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n55	23s51	4s48	4s33	2s34	9n35	0s51	22s41	0n 9	9s40	0s56	16n19	1s53	15s50	0n23	17n27	1s40	20s54	13s44	3n45	3n39	14s23	16s26	3n52
S 2	8 17	20 2	4 14	4 2	2 36	10 3	0 49	22 44	0 7	9 36	0 57	16 21	1 53	15 50	0 23	17 27	1 40	20 53	13 45	3 46	3 38	14 20	16 25	3 53
M 3	8 39	15 26	3 30	3 30	2 38	10 32	0 47	22 47	0 5	9 31	0 57	16 23	1 53	15 49	0 23	17 28	1 40	20 53	13 45	3 46	3 36	14 17	16 23	3 53
T 4	9 1	10 17	2 37	2 56	2 39	11 0	0 45	22 51	0 3	9 27	0 57	16 25	1 53	15 48	0 23	17 28	1 40	20 53	13 45	3 47	3 35	14 14	16 22	3 54
W 5	9 23	4 43	1 36	2 21	2 39	11 27	0 43	22 54	0 1	9 22	0 57	16 27	1 52	15 48	0 23	17 29	1 40	20 53	13 45	3 47	3 34	14 11	16 21	3 54
T 6	9 44	1n 3	0 31	1 45	2 39	11 55	0 41	22 57	0s 1	9 18	0 57	16 29	1 52	15 47	0 23	17 29	1 40	20 52	13 46	3 47	3 33	14 8	16 20	3 55
F 7	10 6	6 53	0n36	1 8	2 38	12 22	0 39	23 0	0 3	9 14	0 57	16 31	1 52	15 46	0 23	17 30	1 40	20 52	13 46	3 47	3 31	14 5	16 19	3 55
S 8	10 27	12 32	1 43	0 29	2 36	12 49	0 37	23 3	0 6	9 9	0 58	16 33	1 52	15 46	0 23	17 30	1 40	20 52	13 46	3 47	3 30	14 2	16 18	3 56
S 9	10 48	17 48	2 45	0n10	2 35	13 15	0 35	23 6	0 8	9 5	0 58	16 35	1 52	15 45	0 23	17 31	1 40	20 52	13 46	3 46	3 29	13 59	16 17	3 56
M10	11 9	22 21	3 41	0 51	2 32	13 41	0 33	23 10	0 10	9 1	0 58	16 37	1 52	15 44	0 23	17 31	1 40	20 52	13 47	3 45	3 28	13 56	16 15	3 57
T 11	11 29	25 53	4 26	1 32	2 29	14 7	0 30	23 13	0 13	8 56	0 58	16 39	1 52	15 43	0 23	17 32	1 40	20 51	13 47	3 44	3 26	13 53	16 14	3 57
W12	11 50	28 5	4 57	2 15	2 26	14 33	0 28	23 16	0 15	8 52	0 58	16 41	1 52	15 43	0 23	17 32	1 40	20 51	13 47	3 43	3 25	13 50	16 13	3 58
T 13	12 10	28 40	5 13	2 59	2 22	14 58	0 26	23 19	0 18	8 48	0 58	16 43	1 51	15 42	0 23	17 33	1 40	20 51	13 48	3 42	3 24	13 47	16 12	3 58
F 14	12 30	27 29	5 11	3 43	2 17	15 23	0 24	23 22	0 20	8 44	0 59	16 45	1 51	15 41	0 23	17 33	1 39	20 51	13 48	3 41	3 23	13 44	16 11	3 59
S 15	12 50	24 37	4 51	4 29	2 12	15 47	0 21	23 25	0 23	8 40	0 59	16 47	1 51	15 41	0 23	17 34	1 39	20 51	13 48	3 41	3 21	13 41	16 9	3 59
S 16	13 10	20 14	4 14	5 15	2 7	16 11	0 19	23 28	0 25	8 36	0 59	16 49	1 51	15 40	0 23	17 35	1 39	20 51	13 48	3 41	3 20	13 38	16 8	4 0
M17	13 29	14 39	3 20	6 2	2 1	16 35	0 16	23 31	0 28	8 32	0 59	16 51	1 51	15 39	0 23	17 35	1 39	20 50	13 49	3 41	3 19	13 35	16 7	4 0
T 18	13 49	8 15	2 13	6 50	1 54	16 58	0 14	23 34	0 31	8 28	0 59	16 53	1 51	15 38	0 23	17 36	1 39	20 50	13 49	3 42	3 18	13 32	16 6	4 1
W19	14 8	1 22	0 58	7 38	1 47	17 21	0 12	23 37	0 34	8 24	1 0	16 55	1 51	15 38	0 23	17 36	1 39	20 50	13 49	3 42	3 16	13 28	16 4	4 1
T 20	14 26	5s34	0s21	8 27	1 40	17 43	0 9	23 40	0 37	8 20	1 0	16 57	1 51	15 37	0 23	17 37	1 39	20 50	13 50	3 42	3 15	13 25	16 3	4 2
F 21	14 45	12 11	1 38	9 16	1 32	18 5	0 7	23 43	0 40	8 16	1 0	16 59	1 51	15 36	0 23	17 37	1 39	20 50	13 50	3 42	3 14	13 22	16 2	4 2
S 22	15 3	18 5	2 48	10 6	1 23	18 26	0 4	23 46	0 43	8 12	1 0	17 1	1 50	15 35	0 23	17 38	1 39	20 50	13 50	3 41	3 13	13 19	16 1	4 2
S 23	15 21	22 55	3 47	10 56	1 15	18 47	0 2	23 49	0 46	8 8	1 1	17 3	1 50	15 35	0 23	17 38	1 39	20 50	13 51	3 39	3 11	13 16	15 59	4 3
M24	15 39	26 22	4 31	11 47	1 5	19 7	0n 1	23 52	0 49	8 4	1 1	17 5	1 50	15 34	0 23	17 39	1 39	20 50	13 51	3 37	3 10	13 13	15 58	4 3
T 25	15 56	28 16	4 59	12 37	0 56	19 27	0 3	23 55	0 52	8 1	1 1	17 7	1 50	15 33	0 23	17 39	1 39	20 50	13 51	3 35	3 9	13 10	15 57	4 4
W26	16 14	28 33	5 11	13 27	0 46	19 47	0 6	23 58	0 55	7 57	1 1	17 9	1 50	15 32	0 23	17 40	1 39	20 50	13 52	3 33	3 8	13 7	15 55	4 4
T 27	16 31	27 21	5 7	14 17	0 36	20 6	0 8	24 1	0 58	7 53	1 1	17 11	1 50	15 32	0 23	17 40	1 39	20 50	13 52	3 32	3 6	13 4	15 54	4 4
F 28	16 48	24 50	4 50	15 6	0 26	20 24	0 10	24 4	1 1	7 50	1 2	17 12	1 50	15 31	0 23	17 41	1 39	20 50	13 52	3 30	3 5	13 1	15 53	4 5
S 29	17 4	21 15	4 20	15 55	0 15	20 42	0 13	24 7	1 5	7 46	1 2	17 14	1 50	15 30	0 23	17 41	1 39	20 50	13 53	3 30	3 4	12 57	15 52	4 5
S 30	17n20	16s52	3s38	16n43	0s 5	20n59	0n15	24s10	1s 8	7s43	1s 2	17n16	1s50	15s29	0n23	17n42	1s39	20s50	13s53	3n30	3n 3	12s54	15s50	4n 5

Julian Day Number = 2290572.5, Delta T = 160.18 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'24, Lahiri = 17°42'24 Julian Calendar 1 Apr. 1559 == Greg. Calendar 11 Apr. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

MAY 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 11 40	19♉19'17	6♓11	18♉38	3♊48	18°R47	13♓ 0	25♉ 4	13°R13	26♉ 3	9♓30	8♈49	7♈36	3♓42	28°R13	M 1
T 2	15 15 37	20°17'04	18° 1	20°49	5° 2	18♐40	13°10	25°12	13♏10	26° 5	9°31	8°51	7°33	3°49	28♏ 9	T 2
W 3	15 19 33	21°14'49	29°58	23° 0	6°15	18°33	13°19	25°19	13° 8	26° 7	9°32	8°52	7°29	3°55	28° 4	W 3
T 4	15 23 30	22°12'33	12♈ 5	25°11	7°29	18°24	13°28	25°27	13° 5	26°10	9°32	8°R52	7°26	4° 2	28° 0	T 4
F 5	15 27 26	23°10'16	24°26	27°22	8°42	18°15	13°37	25°35	13° 3	26°12	9°33	8°51	7°23	4° 9	27°55	F 5
S 6	15 31 23	24° 7'58	7♉ 3	29°33	9°56	18° 5	13°46	25°43	13° 0	26°14	9°34	8°48	7°20	4°15	27°51	S 6
S 7	15 35 19	25° 5'39	19°58	1♊43	11° 9	17°54	13°55	25°51	12°58	26°16	9°34	8°43	7°17	4°22	27°47	S 7
M 8	15 39 16	26° 3'19	3♊10	3°51	12°23	17°43	14° 4	25°58	12°55	26°19	9°35	8°36	7°13	4°29	27°42	M 8
T 9	15 43 13	27° 0'57	16°39	5°58	13°36	17°31	14°13	26° 6	12°53	26°21	9°35	8°28	7°10	4°35	27°38	T 9
W10	15 47 9	27°58'34	0♋22	8° 4	14°49	17°18	14°21	26°14	12°50	26°23	9°36	8°20	7° 7	4°42	27°33	W10
T 11	15 51 6	28°56'10	14°16	10° 8	16° 3	17° 5	14°30	26°22	12°48	26°25	9°36	8°12	7° 4	4°49	27°29	T 11
F 12	15 55 2	29°53'44	28°18	12°10	17°16	16°51	14°38	26°30	12°46	26°28	9°37	8° 7	7° 1	4°55	27°25	F 12
S 13	15 58 59	0♊51'17	12♌25	14° 9	18°30	16°36	14°46	26°38	12°43	26°30	9°37	8° 3	6°58	5° 2	27°20	S 13
S 14	16 2 55	1°48'48	26°34	16° 7	19°43	16°21	14°54	26°45	12°41	26°32	9°38	8°D 2	6°54	5° 9	27°16	S 14
M15	16 6 52	2°46'18	10♍43	18° 2	20°56	16° 5	15° 2	26°53	12°39	26°34	9°38	8° 2	6°51	5°15	27°11	M15
T 16	16 10 49	3°43'46	24°52	19°54	22° 9	15°49	15° 9	27° 1	12°36	26°37	9°38	8° 3	6°48	5°22	27° 7	T 16
W17	16 14 45	4°41'14	8♎58	21°44	23°23	15°32	15°17	27° 9	12°34	26°39	9°39	8°R 3	6°45	5°29	27° 3	W17
T 18	16 18 42	5°38'39	23° 1	23°32	24°36	15°15	15°24	27°16	12°32	26°41	9°39	8° 2	6°42	5°35	26°58	T 18
F 19	16 22 38	6°36'04	6♏57	25°16	25°49	14°58	15°31	27°24	12°30	26°43	9°39	7°59	6°39	5°42	26°54	F 19
S 20	16 26 35	7°33'28	20°45	26°58	27° 2	14°40	15°38	27°32	12°27	26°46	9°40	7°54	6°35	5°49	26°50	S 20
S 21	16 30 31	8°30'50	4♐21	28°37	28°16	14°21	15°45	27°40	12°25	26°48	9°40	7°46	6°32	5°55	26°46	S 21
M22	16 34 28	9°28'12	17°42	0♑14	29°29	14° 3	15°52	27°47	12°23	26°50	9°40	7°36	6°29	6° 2	26°41	M22
T 23	16 38 24	10°25'33	0♑47	1°48	0♑42	13°44	15°59	27°55	12°21	26°52	9°40	7°25	6°26	6° 9	26°37	T 23
W24	16 42 21	11°22'54	13°35	3°18	1°55	13°25	16° 5	28° 3	12°19	26°54	9°41	7°15	6°23	6°15	26°33	W24
T 25	16 46 18	12°20'13	26° 5	4°46	3° 8	13° 5	16°12	28°10	12°17	26°57	9°41	7° 6	6°19	6°22	26°29	T 25
F 26	16 50 14	13°17'32	8♒20	6°12	4°21	12°46	16°18	28°18	12°15	26°59	9°41	6°58	6°16	6°29	26°25	F 26
S 27	16 54 11	14°14'51	20°22	7°34	5°34	12°26	16°24	28°26	12°13	27° 1	9°41	6°53	6°13	6°35	26°21	S 27
S 28	16 58 7	15°12'09	2♓15	8°53	6°47	12° 7	16°30	28°33	12°11	27° 3	9°41	6°51	6°10	6°42	26°17	S 28
M29	17 2 4	16° 9'26	14° 4	10° 9	8° 0	11°47	16°35	28°41	12° 9	27° 5	9°41	6°D50	6° 7	6°49	26°13	M29
T 30	17 6 0	17° 6'43	25°55	11°23	9°13	11°27	16°41	28°49	12° 7	27° 7	9°41	6°50	6° 4	6°55	26° 9	T 30
W31	17 9 57	18♊ 4'00	7♈53	12♋33	10♋26	11♐ 8	16♓46	28♉56	12♏ 5	27♉10	9°R41	6°R50	6♈ 0	7♓ 2	26♏ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n36	11s52	2s48	17n30	0n 6	21n15	0n18	24s13	1s11	7s39	1s 2	17n18	1s50	15s29	0n23	17n43	1s39	20s50	13s53	3n30	3n 1	12s51	15s49	4n 6
T 2	17 52	6 27	1 51	18 16	0 16	21 31	0 20	24 15	1 15	7 36	1 3	17 20	1 50	15 28	0 23	17 43	1 39	20 50	13 54	3 31	3 0	12 48	15 48	4 6
W 3	18 7	0 45	0 48	19 0	0 27	21 47	0 23	24 18	1 18	7 32	1 3	17 22	1 50	15 27	0 23	17 44	1 39	20 50	13 54	3 31	2 59	12 45	15 47	4 6
T 4	18 22	5n 3	0n17	19 42	0 37	22 2	0 25	24 21	1 22	7 29	1 3	17 24	1 49	15 26	0 23	17 44	1 39	20 50	13 54	3 32	2 57	12 42	15 45	4 7
F 5	18 37	10 47	1 23	20 23	0 47	22 16	0 28	24 24	1 25	7 26	1 3	17 26	1 49	15 26	0 23	17 45	1 39	20 50	13 55	3 31	2 56	12 39	15 44	4 7
S 6	18 51	16 12	2 26	21 1	0 57	22 30	0 30	24 26	1 29	7 22	1 3	17 28	1 49	15 25	0 23	17 45	1 39	20 50	13 55	3 30	2 55	12 35	15 43	4 7
S 7	19 5	21 2	3 23	21 38	1 6	22 43	0 33	24 29	1 33	7 19	1 4	17 30	1 49	15 24	0 23	17 46	1 39	20 50	13 55	3 28	2 54	12 32	15 42	4 7
M 8	19 19	24 56	4 11	22 12	1 15	22 55	0 35	24 32	1 36	7 16	1 4	17 32	1 49	15 23	0 23	17 46	1 39	20 50	13 56	3 25	2 52	12 29	15 40	4 8
T 9	19 32	27 33	4 45	22 43	1 23	23 7	0 37	24 34	1 40	7 13	1 4	17 34	1 49	15 23	0 23	17 47	1 39	20 51	13 56	3 22	2 51	12 26	15 39	4 8
W10	19 46	28 34	5 4	23 12	1 31	23 18	0 40	24 37	1 44	7 10	1 4	17 35	1 49	15 22	0 23	17 47	1 39	20 51	13 56	3 19	2 50	12 23	15 38	4 8
T 11	19 58	27 47	5 5	23 38	1 38	23 28	0 42	24 39	1 47	7 7	1 5	17 37	1 49	15 21	0 23	17 48	1 39	20 51	13 57	3 16	2 49	12 20	15 37	4 8
F 12	20 11	25 15	4 48	24 2	1 44	23 38	0 44	24 41	1 51	7 4	1 5	17 39	1 49	15 21	0 23	17 48	1 39	20 51	13 57	3 14	2 47	12 17	15 35	4 9
S 13	20 23	21 10	4 14	24 23	1 50	23 47	0 47	24 43	1 55	7 1	1 5	17 41	1 49	15 20	0 23	17 49	1 39	20 51	13 57	3 12	2 46	12 13	15 34	4 9
S 14	20 35	15 53	3 24	24 41	1 55	23 55	0 49	24 46	1 58	6 58	1 5	17 43	1 49	15 19	0 23	17 49	1 39	20 51	13 58	3 12	2 45	12 10	15 33	4 9
M15	20 46	9 45	2 21	24 56	1 59	24 2	0 51	24 48	2 2	6 55	1 6	17 45	1 49	15 19	0 23	17 50	1 39	20 51	13 58	3 12	2 44	12 7	15 32	4 9
T 16	20 57	3 7	1 10	25 9	2 3	24 9	0 54	24 50	2 6	6 53	1 6	17 46	1 49	15 18	0 23	17 50	1 39	20 52	13 59	3 12	2 42	12 4	15 31	4 10
W17	21 8	3s38	0s 5	25 20	2 6	24 16	0 56	24 52	2 10	6 50	1 6	17 48	1 49	15 17	0 23	17 51	1 39	20 52	13 59	3 12	2 41	12 1	15 30	4 10
T 18	21 18	10 12	1 19	25 28	2 8	24 21	0 58	24 53	2 13	6 47	1 6	17 50	1 49	15 16	0 23	17 51	1 39	20 52	13 59	3 12	2 40	11 58	15 28	4 10
F 19	21 28	16 12	2 28	25 34	2 9	24 26	1 0	24 55	2 17	6 45	1 7	17 52	1 49	15 16	0 23	17 52	1 39	20 52	14 0	3 11	2 39	11 54	15 27	4 10
S 20	21 38	21 19	3 27	25 37	2 9	24 30	1 2	24 57	2 21	6 42	1 7	17 54	1 49	15 15	0 23	17 52	1 39	20 52	14 0	3 8	2 37	11 51	15 26	4 10
S 21	21 47	25 13	4 14	25 39	2 9	24 33	1 4	24 58	2 24	6 40	1 7	17 55	1 49	15 14	0 23	17 53	1 39	20 53	14 0	3 5	2 36	11 48	15 25	4 10
M22	21 56	27 40	4 46	25 38	2 8	24 36	1 6	24 59	2 28	6 37	1 8	17 57	1 49	15 14	0 23	17 53	1 39	20 53	14 1	3 1	2 35	11 45	15 24	4 11
T 23	22 4	28 31	5 1	25 35	2 6	24 38	1 8	25 1	2 31	6 35	1 8	17 59	1 49	15 13	0 23	17 54	1 39	20 53	14 1	2 57	2 34	11 42	15 23	4 11
W24	22 12	27 48	5 2	25 31	2 4	24 39	1 10	25 2	2 35	6 33	1 8	18 0	1 49	15 13	0 23	17 54	1 39	20 53	14 1	2 53	2 32	11 38	15 22	4 11
T 25	22 20	25 41	4 47	25 25	2 0	24 40	1 12	25 3	2 39	6 31	1 8	18 2	1 49	15 12	0 23	17 55	1 39	20 54	14 2	2 49	2 31	11 35	15 21	4 11
F 26	22 27	22 24	4 20	25 17	1 56	24 39	1 14	25 4	2 42	6 28	1 9	18 4	1 49	15 11	0 23	17 55	1 39	20 54	14 2	2 46	2 30	11 32	15 20	4 11
S 27	22 34	18 14	3 41	25 8	1 51	24 38	1 16	25 4	2 45	6 26	1 9	18 6	1 49	15 11	0 23	17 56	1 39	20 54	14 3	2 45	2 29	11 29	15 19	4 11
S 28	22 41	13 24	2 53	24 58	1 46	24 37	1 17	25 5	2 49	6 24	1 9	18 7	1 49	15 10	0 23	17 56	1 39	20 55	14 3	2 43	2 27	11 26	15 18	4 11
M29	22 47	8 6	1 58	24 46	1 40	24 34	1 19	25 6	2 52	6 22	1 9	18 9	1 49	15 10	0 23	17 57	1 39	20 55	14 3	2 43	2 26	11 23	15 17	4 11
T 30	22 52	2 31	0 58	24 33	1 33	24 31	1 21	25 6	2 55	6 20	1 10	18 11	1 49	15 9	0 23	17 57	1 39	20 55	14 4	2 43	2 25	11 19	15 16	4 11
W31	22n58	3n13	0n 6	24n19	1n25	24n27	1n22	25s 6	2s58	6s19	1s10	18n12	1s49	15s 8	0n23	17n58	1s39	20s56	14s 4	2n43	2n23	11s16	15s15	4n12

Julian Day Number = 2290602.5, Delta T = 160.01 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'28, Lahiri = 17°42'28 Julian Calendar 1 May 1559 == Greg. Calendar 11 May 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

JUNE 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 13 53	19♊ 1'16	20♈ 3	13♋40	11♋39	10°R48	16♓51	29♉ 4	12°R 3	27♉12	9°R41	6°R50	5♈57	7♓ 9	26°R 1	T 1
F 2	17 17 50	19°58'32	2♉29	14°44	12°52	10♗29	16°56	29°11	12♏ 1	27°14	9♓41	6♈47	5°54	7°15	25♏57	F 2
S 3	17 21 47	20°55'48	15°15	15°45	14° 5	10°10	17° 1	29°19	11°59	27°16	9°41	6°42	5°51	7°22	25°54	S 3
S 4	17 25 43	21°53'04	28°24	16°42	15°18	9°51	17° 6	29°26	11°58	27°18	9°41	6°35	5°48	7°29	25°50	S 4
M 5	17 29 40	22°50'19	11♊56	17°36	16°31	9°33	17°10	29°33	11°56	27°20	9°41	6°25	5°45	7°35	25°46	M 5
T 6	17 33 36	23°47'34	25°48	18°26	17°43	9°15	17°15	29°41	11°54	27°22	9°41	6°14	5°41	7°42	25°43	T 6
W 7	17 37 33	24°44'49	9♋57	19°13	18°56	8°57	17°19	29°48	11°53	27°24	9°41	6° 2	5°38	7°49	25°39	W 7
T 8	17 41 29	25°42'03	24°17	19°55	20° 9	8°40	17°23	29°56	11°51	27°26	9°41	5°52	5°35	7°55	25°36	T 8
F 9	17 45 26	26°39'16	8♌43	20°34	21°22	8°23	17°27	0♊ 3	11°50	27°28	9°40	5°44	5°32	8° 2	25°33	F 9
S 10	17 49 22	27°36'29	23° 9	21° 9	22°35	8° 7	17°30	0°10	11°48	27°30	9°40	5°38	5°29	8° 9	25°29	S 10
S 11	17 53 19	28°33'42	7♍29	21°40	23°47	7°51	17°34	0°17	11°47	27°32	9°40	5°35	5°25	8°15	25°26	S 11
M12	17 57 16	29°30'54	21°42	22° 7	25° 0	7°36	17°37	0°25	11°45	27°34	9°40	5°34	5°22	8°22	25°23	M12
T 13	18 1 12	0♋28'05	5♎46	22°29	26°13	7°21	17°40	0°32	11°44	27°36	9°39	5°34	5°19	8°29	25°20	T 13
W14	18 5 9	1°25'16	19°40	22°47	27°25	7° 8	17°43	0°39	11°42	27°38	9°39	5°33	5°16	8°35	25°17	W14
T 15	18 9 5	2°22'26	3♏24	23° 0	28°38	6°54	17°45	0°46	11°41	27°40	9°39	5°31	5°13	8°42	25°14	T 15
F 16	18 13 2	3°19'36	16°59	23° 9	29°50	6°42	17°48	0°53	11°40	27°42	9°38	5°27	5°10	8°49	25°11	F 16
S 17	18 16 58	4°16'46	0♐23	23°R13	1♌ 3	6°30	17°50	1° 0	11°39	27°44	9°38	5°20	5° 6	8°55	25° 8	S 17
S 18	18 20 55	5°13'56	13°36	23°12	2°15	6°19	17°52	1° 7	11°38	27°46	9°38	5°10	5° 3	9° 2	25° 6	S 18
M19	18 24 52	6°11'06	26°37	23° 7	3°28	6° 9	17°54	1°14	11°36	27°48	9°37	4°59	5° 0	9° 9	25° 3	M19
T 20	18 28 48	7° 8'16	9♑24	22°57	4°40	6° 0	17°56	1°21	11°35	27°49	9°37	4°46	4°57	9°15	25° 0	T 20
W21	18 32 45	8° 5'25	21°59	22°42	5°53	5°51	17°58	1°27	11°34	27°51	9°36	4°33	4°54	9°22	24°58	W21
T 22	18 36 41	9° 2'35	4♒19	22°24	7° 5	5°43	17°59	1°34	11°33	27°53	9°36	4°21	4°51	9°29	24°56	T 22
F 23	18 40 38	9°59'45	16°28	22° 1	8°17	5°36	18° 0	1°41	11°32	27°55	9°35	4°12	4°47	9°35	24°53	F 23
S 24	18 44 34	10°56'56	28°26	21°34	9°30	5°30	18° 1	1°48	11°31	27°57	9°35	4° 5	4°44	9°42	24°51	S 24
S 25	18 48 31	11°54'06	10♓17	21° 4	10°42	5°24	18° 2	1°54	11°31	27°58	9°34	4° 1	4°41	9°49	24°49	S 25
M26	18 52 27	12°51'17	22° 5	20°31	11°54	5°20	18° 3	2° 1	11°30	28° 0	9°34	3°59	4°38	9°55	24°47	M26
T 27	18 56 24	13°48'29	3♈55	19°55	13° 7	5°16	18° 3	2° 7	11°29	28° 2	9°33	3°D59	4°35	10° 2	24°45	T 27
W28	19 0 21	14°45'41	15°52	19°18	14°19	5°13	18° 3	2°14	11°28	28° 3	9°33	3°R59	4°31	10° 8	24°43	W28
T 29	19 4 17	15°42'54	28° 1	18°39	15°31	5°11	18°R 3	2°20	11°28	28° 5	9°32	3°58	4°28	10°15	24°41	T 29
F 30	19 8 14	16♋40'07	10♉28	17♋59	16♌43	5♐ 9	18♓ 3	2♊27	11♏27	28♉ 7	9♓31	3♈56	4♈25	10♓22	24♏40	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 3	8n56	1n10	24n 4	1n17	24n23	1n24	25s 7	3s 1	6s17	1s10	18n14	1s49	15s 8	0n23	17n58	1s39	20s56	14s 4	2n43	2n22	11s13	15s14	4n12
F 2	23 7	14 26	2 12	23 48	1 8	24 17	1 25	25 7	3 4	6 15	1 11	18 15	1 49	15 7	0 23	17 59	1 39	20 56	14 5	2 42	2 21	11 10	15 13	4 12
S 3	23 11	19 28	3 9	23 32	0 58	24 11	1 27	25 7	3 7	6 14	1 11	18 17	1 49	15 7	0 22	17 59	1 39	20 57	14 5	2 40	2 20	11 6	15 12	4 12
S 4	23 15	23 43	3 58	23 14	0 48	24 5	1 28	25 7	3 10	6 12	1 11	18 19	1 49	15 6	0 22	18 0	1 39	20 57	14 5	2 37	2 18	11 3	15 11	4 12
M 5	23 18	26 48	4 34	22 57	0 37	23 57	1 29	25 7	3 13	6 11	1 12	18 20	1 49	15 6	0 22	18 0	1 39	20 57	14 6	2 33	2 17	11 0	15 10	4 12
T 6	23 21	28 22	4 56	22 39	0 25	23 49	1 31	25 6	3 15	6 9	1 12	18 22	1 49	15 5	0 22	18 1	1 39	20 58	14 6	2 29	2 16	10 57	15 9	4 12
W 7	23 24	28 7	5 0	22 20	0 13	23 40	1 32	25 6	3 18	6 8	1 12	18 23	1 49	15 5	0 22	18 1	1 39	20 58	14 7	2 24	2 15	10 54	15 9	4 12
T 8	23 26	26 0	4 46	22 2	0 1	23 31	1 33	25 6	3 20	6 7	1 12	18 25	1 49	15 4	0 22	18 1	1 39	20 58	14 7	2 20	2 13	10 50	15 8	4 12
F 9	23 27	22 11	4 13	21 43	0s13	23 21	1 34	25 6	3 23	6 5	1 13	18 26	1 49	15 4	0 22	18 2	1 39	20 59	14 7	2 17	2 12	10 47	15 7	4 12
S 10	23 29	17 3	3 24	21 24	0 26	23 10	1 35	25 5	3 25	6 4	1 13	18 28	1 49	15 4	0 22	18 2	1 39	20 59	14 8	2 15	2 11	10 44	15 6	4 12
S 11	23 29	10 59	2 23	21 5	0 40	22 58	1 36	25 5	3 27	6 3	1 13	18 29	1 49	15 3	0 22	18 3	1 39	21 0	14 8	2 13	2 10	10 41	15 5	4 12
M12	23 30	4 24	1 13	20 47	0 55	22 46	1 37	25 4	3 29	6 2	1 14	18 31	1 49	15 3	0 22	18 3	1 39	21 0	14 8	2 13	2 8	10 37	15 5	4 12
T 13	23 30	2s19	0s 1	20 28	1 10	22 33	1 38	25 4	3 31	6 1	1 14	18 32	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 13	2 7	10 34	15 4	4 12
W14	23 29	8 51	1 14	20 11	1 25	22 20	1 38	25 3	3 33	6 0	1 14	18 34	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 13	2 6	10 31	15 3	4 12
T 15	23 29	14 54	2 21	19 53	1 40	22 6	1 39	25 3	3 35	6 0	1 15	18 35	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 12	2 5	10 28	15 3	4 12
F 16	23 27	20 9	3 20	19 36	1 56	21 51	1 39	25 2	3 37	5 59	1 15	18 36	1 49	15 1	0 22	18 5	1 40	21 2	14 10	2 10	2 3	10 24	15 2	4 12
S 17	23 26	24 18	4 7	19 20	2 11	21 36	1 40	25 2	3 38	5 58	1 15	18 38	1 49	15 1	0 22	18 5	1 40	21 2	14 10	2 7	2 2	10 21	15 1	4 12
S 18	23 24	27 7	4 39	19 5	2 27	21 20	1 40	25 1	3 40	5 58	1 15	18 39	1 49	15 0	0 22	18 6	1 40	21 3	14 10	2 4	2 1	10 18	15 1	4 12
M19	23 21	28 24	4 57	18 51	2 43	21 4	1 41	25 1	3 41	5 57	1 16	18 41	1 49	15 0	0 22	18 6	1 40	21 3	14 11	1 59	2 0	10 15	15 0	4 11
T 20	23 18	28 8	4 59	18 37	2 58	20 47	1 41	25 1	3 42	5 57	1 16	18 42	1 49	15 0	0 22	18 6	1 40	21 4	14 11	1 54	1 58	10 11	15 0	4 11
W21	23 15	26 25	4 47	18 25	3 13	20 29	1 41	25 0	3 44	5 57	1 16	18 43	1 49	15 0	0 22	18 7	1 40	21 4	14 11	1 49	1 57	10 8	14 59	4 11
T 22	23 11	23 27	4 21	18 14	3 27	20 11	1 41	25 0	3 45	5 56	1 17	18 45	1 49	14 59	0 22	18 7	1 40	21 5	14 12	1 44	1 56	10 5	14 59	4 11
F 23	23 7	19 29	3 43	18 4	3 41	19 52	1 42	25 0	3 46	5 56	1 17	18 46	1 49	14 59	0 22	18 7	1 40	21 5	14 12	1 40	1 54	10 2	14 58	4 11
S 24	23 3	14 48	2 56	17 55	3 54	19 33	1 41	25 0	3 47	5 56	1 17	18 47	1 49	14 59	0 22	18 8	1 40	21 6	14 12	1 38	1 53	9 58	14 58	4 11
S 25	22 58	9 37	2 2	17 48	4 6	19 13	1 41	24 59	3 48	5 56	1 18	18 48	1 49	14 59	0 22	18 8	1 40	21 6	14 13	1 36	1 52	9 55	14 58	4 11
M26	22 53	4 7	1 3	17 42	4 17	18 53	1 41	24 59	3 49	5 56	1 18	18 50	1 50	14 58	0 22	18 8	1 40	21 7	14 13	1 35	1 51	9 52	14 57	4 11
T 27	22 47	1n33	0 0	17 37	4 27	18 32	1 41	24 59	3 49	5 56	1 18	18 51	1 50	14 58	0 22	18 9	1 40	21 7	14 13	1 35	1 49	9 49	14 57	4 11
W28	22 41	7 13	1n 3	17 34	4 35	18 11	1 41	25 0	3 50	5 56	1 19	18 52	1 50	14 58	0 22	18 9	1 40	21 8	14 14	1 35	1 48	9 45	14 56	4 11
T 29	22 34	12 43	2 4	17 33	4 42	17 49	1 40	25 0	3 51	5 57	1 19	18 53	1 50	14 58	0 22	18 9	1 40	21 8	14 14	1 35	1 47	9 42	14 56	4 11
F 30	22n27	17n51	3n 1	17n32	4s47	17n27	1n40	25s 0	3s51	5s57	1s19	18n54	1s50	14s58	0n22	18n10	1s40	21s 9	14s14	1n34	1n46	9s39	14s56	4n10

Julian Day Number = 2290633.5, Delta T = 159.83 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'32, Lahiri = 17°42'33 Julian Calendar 1 June 1559 == Greg. Calendar 11 June 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

JULY 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 12 10	17♋37'22	23♉18	17°R19	17♌55	5°D 9	18°R 3	2♊33	11°R27	28♉ 8	9°R31	3°R52	4♈22	10♓28	24°R38	S 1
S 2	19 16 7	18°34'36	6♊33	16♋40	19° 7	5♐ 9	18♓ 2	2°39	11♏26	28°10	9♓30	3♈45	4°19	10°35	24♏37	S 2
M 3	19 20 3	19°31'52	20°14	16° 2	20°19	5°10	18° 1	2°45	11°26	28°12	9°29	3°36	4°16	10°42	24°35	M 3
T 4	19 24 0	20°29'08	4♋22	15°26	21°31	5°13	18° 0	2°52	11°25	28°13	9°29	3°26	4°12	10°48	24°34	T 4
W 5	19 27 56	21°26'25	18°50	14°53	22°43	5°15	17°59	2°58	11°25	28°15	9°28	3°15	4° 9	10°55	24°33	W 5
T 6	19 31 53	22°23'42	3♌33	14°23	23°55	5°19	17°58	3° 4	11°25	28°16	9°27	3° 5	4° 6	11° 2	24°32	T 6
F 7	19 35 50	23°21'00	18°23	13°57	25° 7	5°24	17°56	3°10	11°24	28°18	9°26	2°57	4° 3	11° 8	24°31	F 7
S 8	19 39 46	24°18'18	3♍11	13°35	26°19	5°29	17°54	3°16	11°24	28°19	9°26	2°52	4° 0	11°15	24°30	S 8
S 9	19 43 43	25°15'37	17°51	13°18	27°31	5°35	17°52	3°21	11°24	28°20	9°25	2°49	3°57	11°22	24°29	S 9
M10	19 47 39	26°12'56	2♎17	13° 7	28°42	5°42	17°50	3°27	11°24	28°22	9°24	2°D48	3°53	11°28	24°28	M10
T 11	19 51 36	27°10'15	16°27	13° 0	29°54	5°50	17°48	3°33	11°D24	28°23	9°23	2°49	3°50	11°35	24°27	T 11
W12	19 55 32	28° 7'35	0♏20	13°D 0	1♍ 6	5°59	17°45	3°39	11°24	28°24	9°22	2°R49	3°47	11°42	24°27	W12
T 13	19 59 29	29° 4'56	13°56	13° 5	2°17	6° 8	17°43	3°44	11°24	28°26	9°21	2°48	3°44	11°48	24°26	T 13
F 14	20 3 25	0♑ 2'16	27°17	13°17	3°29	6°18	17°40	3°50	11°24	28°27	9°20	2°45	3°41	11°55	24°26	F 14
S 15	20 7 22	0°59'38	10♐23	13°35	4°41	6°29	17°37	3°55	11°24	28°28	9°19	2°40	3°37	12° 2	24°26	S 15
S 16	20 11 19	1°57'00	23°17	13°59	5°52	6°41	17°33	4° 0	11°25	28°30	9°19	2°32	3°34	12° 8	24°26	S 16
M17	20 15 15	2°54'23	5♑58	14°29	7° 3	6°53	17°30	4° 6	11°25	28°31	9°18	2°22	3°31	12°15	24°D26	M17
T 18	20 19 12	3°51'47	18°28	15° 6	8°15	7° 6	17°26	4°11	11°25	28°32	9°17	2°12	3°28	12°22	24°26	T 18
W19	20 23 8	4°49'11	0♒47	15°49	9°26	7°19	17°22	4°16	11°26	28°33	9°16	2° 2	3°25	12°28	24°26	W19
T 20	20 27 5	5°46'37	12°56	16°38	10°38	7°34	17°18	4°21	11°26	28°34	9°15	1°52	3°22	12°35	24°26	T 20
F 21	20 31 1	6°44'03	24°56	17°33	11°49	7°49	17°14	4°26	11°26	28°35	9°14	1°45	3°18	12°42	24°27	F 21
S 22	20 34 58	7°41'31	6♓49	18°34	13° 0	8° 4	17°10	4°31	11°27	28°36	9°13	1°39	3°15	12°48	24°27	S 22
S 23	20 38 54	8°38'59	18°38	19°41	14°11	8°21	17° 5	4°36	11°28	28°37	9°12	1°36	3°12	12°55	24°28	S 23
M24	20 42 51	9°36'29	0♈25	20°54	15°22	8°38	17° 1	4°41	11°28	28°38	9°11	1°D35	3° 9	13° 2	24°28	M24
T 25	20 46 48	10°34'00	12°14	22°12	16°33	8°55	16°56	4°45	11°29	28°39	9°10	1°36	3° 6	13° 8	24°29	T 25
W26	20 50 44	11°31'33	24°11	23°35	17°44	9°13	16°51	4°50	11°30	28°40	9° 8	1°37	3° 3	13°15	24°30	W26
T 27	20 54 41	12°29'07	6♉19	25° 4	18°55	9°32	16°46	4°54	11°30	28°41	9° 7	1°38	2°59	13°22	24°31	T 27
F 28	20 58 37	13°26'43	18°44	26°37	20° 6	9°51	16°40	4°59	11°31	28°42	9° 6	1°R38	2°56	13°28	24°32	F 28
S 29	21 2 34	14°24'20	1♊32	28°14	21°17	10°11	16°35	5° 3	11°32	28°43	9° 5	1°36	2°53	13°35	24°33	S 29
S 30	21 6 30	15°21'58	14°45	29°56	22°28	10°32	16°29	5° 8	11°33	28°44	9° 4	1°33	2°50	13°41	24°34	S 30
M31	21 10 27	16♌19'39	28♊27	1♌41	23♍38	10♐53	16♓23	5♊12	11♏34	28♉45	9♓ 3	1♈28	2♈47	13♓48	24♏36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n20	22n21	3n50	17n34	4s51	17n 4	1n39	25s 0	3s52	5s57	1s19	18n56	1s50	14s57	0n22	18n10	1s40	21s 9	14s15	1n32	1n44	9s35	14s56	4n10
S 2	22 12	25 52	4 29	17 36	4 53	16 41	1 39	25 1	3 52	5 58	1 20	18 57	1 50	14 57	0 22	18 10	1 40	21 10	14 15	1 30	1 43	9 32	14 55	4 10
M 3	22 4	28 1	4 54	17 40	4 54	16 18	1 38	25 1	3 52	5 59	1 20	18 58	1 50	14 57	0 22	18 11	1 40	21 10	14 15	1 26	1 42	9 29	14 55	4 10
T 4	21 56	28 27	5 2	17 46	4 52	15 54	1 37	25 2	3 53	5 59	1 20	18 59	1 50	14 57	0 22	18 11	1 40	21 11	14 15	1 22	1 41	9 26	14 55	4 10
W 5	21 47	26 58	4 51	17 52	4 49	15 29	1 36	25 3	3 53	6 0	1 21	19 0	1 50	14 57	0 22	18 11	1 40	21 12	14 16	1 18	1 39	9 22	14 55	4 10
T 6	21 38	23 38	4 21	18 0	4 45	15 5	1 35	25 4	3 53	6 1	1 21	19 1	1 50	14 57	0 22	18 12	1 40	21 12	14 16	1 14	1 38	9 19	14 55	4 10
F 7	21 28	18 44	3 33	18 9	4 39	14 39	1 34	25 5	3 53	6 2	1 21	19 2	1 50	14 57	0 22	18 12	1 40	21 13	14 16	1 11	1 37	9 16	14 55	4 9
S 8	21 19	12 42	2 31	18 18	4 31	14 14	1 33	25 6	3 53	6 3	1 22	19 3	1 50	14 57	0 22	18 12	1 40	21 13	14 17	1 9	1 36	9 12	14 55	4 9
S 9	21 8	6 2	1 19	18 29	4 22	13 48	1 32	25 7	3 53	6 4	1 22	19 4	1 51	14 57	0 22	18 12	1 40	21 14	14 17	1 7	1 34	9 9	14 55	4 9
M10	20 58	0s52	0 3	18 40	4 12	13 22	1 30	25 8	3 53	6 5	1 22	19 5	1 51	14 57	0 22	18 13	1 40	21 14	14 17	1 7	1 33	9 6	14 55	4 9
T 11	20 47	7 35	1s12	18 52	4 1	12 55	1 29	25 9	3 53	6 6	1 22	19 6	1 51	14 57	0 22	18 13	1 40	21 15	14 17	1 7	1 32	9 2	14 55	4 9
W12	20 35	13 49	2 21	19 4	3 49	12 28	1 27	25 10	3 53	6 7	1 23	19 7	1 51	14 57	0 21	18 13	1 41	21 16	14 18	1 7	1 30	8 59	14 55	4 9
T 13	20 24	19 15	3 21	19 16	3 36	12 1	1 26	25 12	3 52	6 9	1 23	19 8	1 51	14 57	0 21	18 13	1 41	21 16	14 18	1 7	1 29	8 56	14 55	4 8
F 14	20 12	23 38	4 8	19 29	3 22	11 34	1 24	25 13	3 52	6 10	1 23	19 9	1 51	14 57	0 21	18 14	1 41	21 17	14 18	1 6	1 28	8 53	14 55	4 8
S 15	19 59	26 42	4 42	19 42	3 8	11 6	1 23	25 15	3 52	6 11	1 24	19 10	1 51	14 57	0 21	18 14	1 41	21 17	14 18	1 4	1 27	8 49	14 55	4 8
S 16	19 46	28 20	5 0	19 54	2 53	10 38	1 21	25 17	3 51	6 13	1 24	19 11	1 51	14 57	0 21	18 14	1 41	21 18	14 19	1 1	1 25	8 46	14 55	4 8
M17	19 33	28 25	5 4	20 6	2 37	10 10	1 19	25 18	3 51	6 15	1 24	19 12	1 51	14 57	0 21	18 14	1 41	21 18	14 19	0 57	1 24	8 43	14 55	4 8
T 18	19 20	27 3	4 52	20 18	2 22	9 41	1 17	25 20	3 51	6 16	1 24	19 13	1 51	14 57	0 21	18 15	1 41	21 19	14 19	0 53	1 23	8 39	14 55	4 8
W19	19 6	24 23	4 27	20 28	2 6	9 12	1 15	25 22	3 50	6 18	1 25	19 13	1 52	14 58	0 21	18 15	1 41	21 20	14 19	0 48	1 22	8 36	14 56	4 7
T 20	18 52	20 39	3 50	20 38	1 50	8 43	1 13	25 24	3 50	6 20	1 25	19 14	1 52	14 58	0 21	18 15	1 41	21 20	14 20	0 45	1 20	8 33	14 56	4 7
F 21	18 38	16 7	3 4	20 47	1 35	8 14	1 11	25 26	3 49	6 22	1 25	19 15	1 52	14 58	0 21	18 15	1 41	21 21	14 20	0 42	1 19	8 29	14 56	4 7
S 22	18 24	11 2	2 9	20 54	1 19	7 45	1 8	25 28	3 49	6 24	1 26	19 16	1 52	14 58	0 21	18 15	1 41	21 21	14 20	0 40	1 18	8 26	14 56	4 7
S 23	18 9	5 34	1 9	21 0	1 4	7 15	1 6	25 30	3 48	6 26	1 26	19 17	1 52	14 58	0 21	18 16	1 41	21 22	14 20	0 38	1 17	8 23	14 57	4 7
M24	17 53	0n 4	0 6	21 4	0 48	6 46	1 4	25 32	3 47	6 28	1 26	19 17	1 52	14 59	0 21	18 16	1 41	21 23	14 20	0 38	1 15	8 19	14 57	4 6
T 25	17 38	5 43	0n57	21 7	0 34	6 16	1 1	25 34	3 47	6 30	1 26	19 18	1 52	14 59	0 21	18 16	1 41	21 23	14 21	0 38	1 14	8 16	14 57	4 6
W26	17 22	11 14	1 59	21 7	0 19	5 45	0 59	25 37	3 46	6 32	1 27	19 19	1 52	14 59	0 21	18 16	1 41	21 24	14 21	0 39	1 13	8 13	14 58	4 6
T 27	17 6	16 26	2 56	21 5	0 6	5 15	0 56	25 39	3 45	6 34	1 27	19 19	1 52	14 59	0 21	18 16	1 41	21 24	14 21	0 39	1 11	8 9	14 58	4 6
F 28	16 50	21 4	3 47	21 0	0n 7	4 45	0 53	25 41	3 45	6 37	1 27	19 20	1 53	15 0	0 21	18 16	1 41	21 25	14 21	0 39	1 10	8 6	14 59	4 6
S 29	16 33	24 53	4 28	20 53	0 20	4 14	0 51	25 43	3 44	6 39	1 27	19 21	1 53	15 0	0 21	18 16	1 41	21 26	14 21	0 38	1 9	8 3	14 59	4 5
S 30	16 16	27 32	4 56	20 44	0 32	3 44	0 48	25 46	3 43	6 41	1 28	19 21	1 53	15 0	0 21	18 17	1 41	21 26	14 22	0 37	1 8	7 59	15 0	4 5
M31	15n59	28n38	5n 9	20n32	0n43	3n13	0n45	25s48	3s42	6s44	1s28	19n22	1s53	15s 1	0n21	18n17	1s41	21s27	14s22	0n35	1n 6	7s56	15s 0	4n 5

Julian Day Number = 2290663.5, Delta T = 159.66 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'36, Lahiri = 17°42'37 Julian Calendar 1 July 1559 == Greg. Calendar 11 July 1559

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1559
geocentric

AUGUST 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 14 23	17♌17'20	12♋36	3♌29	24♍49	11♐14	16°R18	5♊16	11♏35	28♉45	9°R 2	1°R22	2♈43	13♓55	24♏37	T 1
W 2	21 18 20	18°15'04	27°11	5°20	25°59	11°37	16♓11	5°20	11°36	28°46	9♓ 1	1♈15	2°40	14° 1	24°39	W 2
T 3	21 22 17	19°12'48	12♌ 6	7°13	27°10	11°59	16° 5	5°24	11°37	28°47	9° 0	1° 9	2°37	14° 8	24°40	T 3
F 4	21 26 13	20°10'35	27°11	9° 9	28°20	12°22	15°59	5°28	11°39	28°47	8°58	1° 4	2°34	14°15	24°42	F 4
S 5	21 30 10	21° 8'22	12♍18	11° 6	29°31	12°46	15°52	5°31	11°40	28°48	8°57	1° 1	2°31	14°21	24°44	S 5
S 6	21 34 6	22° 6'11	27°17	13° 4	0♎41	13°10	15°46	5°35	11°41	28°49	8°56	1°D 0	2°28	14°28	24°46	S 6
M 7	21 38 3	23° 4'01	12♎ 1	15° 3	1°52	13°35	15°39	5°38	11°43	28°49	8°55	1° 0	2°24	14°35	24°48	M 7
T 8	21 41 59	24° 1'52	26°24	17° 3	3° 2	14° 0	15°32	5°42	11°44	28°50	8°54	1° 1	2°21	14°41	24°50	T 8
W 9	21 45 56	24°59'44	10♏26	19° 3	4°12	14°26	15°25	5°45	11°45	28°50	8°52	1° 3	2°18	14°48	24°52	W 9
T 10	21 49 52	25°57'38	24° 5	21° 3	5°22	14°52	15°18	5°49	11°47	28°51	8°51	1°R 3	2°15	14°55	24°55	T 10
F 11	21 53 49	26°55'33	7♐22	23° 2	6°32	15°18	15°11	5°52	11°48	28°51	8°50	1° 3	2°12	15° 1	24°57	F 11
S 12	21 57 46	27°53'29	20°20	25° 1	7°42	15°45	15° 4	5°55	11°50	28°51	8°49	1° 1	2° 9	15° 8	25° 0	S 12
S 13	22 1 42	28°51'27	3♑ 1	27° 0	8°52	16°12	14°57	5°58	11°52	28°52	8°48	0°58	2° 5	15°15	25° 2	S 13
M14	22 5 39	29°49'26	15°29	28°58	10° 1	16°40	14°49	6° 1	11°53	28°52	8°46	0°53	2° 2	15°21	25° 5	M14
T 15	22 9 35	0♍47'26	27°45	0♍55	11°11	17° 8	14°42	6° 3	11°55	28°52	8°45	0°48	1°59	15°28	25° 8	T 15
W16	22 13 32	1°45'28	9♒51	2°51	12°21	17°37	14°34	6° 6	11°57	28°53	8°44	0°43	1°56	15°35	25°11	W16
T 17	22 17 28	2°43'32	21°49	4°45	13°30	18° 6	14°27	6° 9	11°59	28°53	8°43	0°38	1°53	15°41	25°13	T 17
F 18	22 21 25	3°41'37	3♓42	6°39	14°40	18°35	14°19	6°11	12° 1	28°53	8°41	0°35	1°49	15°48	25°17	F 18
S 19	22 25 21	4°39'43	15°31	8°32	15°49	19° 5	14°11	6°14	12° 3	28°53	8°40	0°32	1°46	15°55	25°20	S 19
S 20	22 29 18	5°37'52	27°19	10°24	16°58	19°35	14° 4	6°16	12° 4	28°53	8°39	0°D32	1°43	16° 1	25°23	S 20
M21	22 33 15	6°36'02	9♈ 7	12°14	18° 7	20° 5	13°56	6°18	12° 6	28°53	8°38	0°32	1°40	16° 8	25°26	M21
T 22	22 37 11	7°34'14	20°59	14° 3	19°16	20°36	13°48	6°20	12° 9	28°54	8°36	0°33	1°37	16°14	25°30	T 22
W23	22 41 8	8°32'29	2♉58	15°51	20°25	21° 7	13°40	6°22	12°11	28°R54	8°35	0°34	1°34	16°21	25°33	W23
T 24	22 45 4	9°30'45	15° 9	17°38	21°34	21°39	13°32	6°24	12°13	28°54	8°34	0°36	1°30	16°28	25°37	T 24
F 25	22 49 1	10°29'03	27°34	19°24	22°43	22°10	13°24	6°26	12°15	28°54	8°33	0°37	1°27	16°34	25°40	F 25
S 26	22 52 57	11°27'24	10♊19	21° 9	23°52	22°42	13°16	6°27	12°17	28°53	8°31	0°R38	1°24	16°41	25°44	S 26
S 27	22 56 54	12°25'46	23°27	22°52	25° 0	23°15	13° 8	6°29	12°19	28°53	8°30	0°37	1°21	16°48	25°48	S 27
M28	23 0 50	13°24'11	7♋ 2	24°34	26° 9	23°47	13° 0	6°30	12°22	28°53	8°29	0°36	1°18	16°54	25°52	M28
T 29	23 4 47	14°22'38	21° 3	26°16	27°17	24°20	12°52	6°32	12°24	28°53	8°28	0°35	1°14	17° 1	25°56	T 29
W30	23 8 44	15°21'08	5♌31	27°56	28°25	24°54	12°44	6°33	12°27	28°53	8°26	0°33	1°11	17° 8	26° 0	W30
T 31	23 12 40	16♍19'39	20♌21	29♍35	29♎34	25♐27	12♓36	6♊34	12♏29	28♉53	8♓25	0♈31	1♈ 8	17♓14	26♏ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n42	27n56	5n 3	20n17	0n53	2n42	0n42	25s50	3s41	6s46	1s28	19n23	1s53	15s 1	0n21	18n17	1s42	21s27	14s22	0n33	1n 5	7s53	15s 1	4n 5
W 2	15 24	25 19	4 38	19 59	1 2	2 11	0 39	25 53	3 41	6 49	1 28	19 23	1 53	15 1	0 21	18 17	1 42	21 28	14 22	0 30	1 4	7 49	15 1	4 5
T 3	15 6	20 57	3 54	19 39	1 10	1 40	0 36	25 55	3 40	6 52	1 28	19 24	1 53	15 2	0 21	18 17	1 42	21 28	14 22	0 28	1 3	7 46	15 2	4 4
F 4	14 48	15 11	2 53	19 16	1 18	1 9	0 32	25 57	3 39	6 54	1 29	19 24	1 53	15 2	0 21	18 17	1 42	21 29	14 22	0 26	1 1	7 43	15 3	4 4
S 5	14 29	8 30	1 40	18 50	1 24	0 38	0 29	25 59	3 38	6 57	1 29	19 25	1 54	15 2	0 21	18 17	1 42	21 30	14 23	0 24	1 0	7 39	15 3	4 4
S 6	14 11	1 24	0 20	18 22	1 30	0 7	0 26	26 2	3 37	7 0	1 29	19 25	1 54	15 3	0 21	18 17	1 42	21 30	14 23	0 24	0 59	7 36	15 4	4 4
M 7	13 52	5s40	1s 0	17 52	1 35	0s24	0 23	26 4	3 36	7 2	1 29	19 26	1 54	15 3	0 21	18 17	1 42	21 31	14 23	0 24	0 58	7 33	15 5	4 4
T 8	13 33	12 18	2 14	17 20	1 39	0 55	0 19	26 6	3 35	7 5	1 29	19 26	1 54	15 4	0 21	18 17	1 42	21 31	14 23	0 24	0 56	7 29	15 5	4 3
W 9	13 13	18 7	3 18	16 46	1 42	1 26	0 16	26 8	3 34	7 8	1 30	19 27	1 54	15 4	0 21	18 17	1 42	21 32	14 23	0 25	0 55	7 26	15 6	4 3
T 10	12 54	22 52	4 10	16 10	1 44	1 57	0 12	26 10	3 33	7 11	1 30	19 27	1 54	15 5	0 21	18 18	1 42	21 33	14 23	0 25	0 54	7 22	15 7	4 3
F 11	12 34	26 18	4 46	15 32	1 46	2 28	0 9	26 12	3 32	7 14	1 30	19 28	1 54	15 5	0 21	18 18	1 42	21 33	14 23	0 25	0 52	7 19	15 7	4 3
S 12	12 14	28 15	5 7	14 53	1 46	2 59	0 5	26 14	3 31	7 17	1 30	19 28	1 55	15 6	0 21	18 18	1 42	21 34	14 23	0 24	0 51	7 16	15 8	4 3
S 13	11 54	28 40	5 12	14 12	1 46	3 30	0 1	26 16	3 30	7 20	1 30	19 28	1 55	15 6	0 21	18 18	1 42	21 34	14 23	0 23	0 50	7 12	15 9	4 2
M14	11 34	27 36	5 2	13 31	1 46	4 1	0s 3	26 18	3 29	7 23	1 30	19 29	1 55	15 7	0 21	18 18	1 42	21 35	14 24	0 21	0 49	7 9	15 10	4 2
T 15	11 13	25 13	4 39	12 48	1 45	4 32	0 6	26 20	3 28	7 26	1 31	19 29	1 55	15 7	0 21	18 18	1 42	21 35	14 24	0 19	0 47	7 6	15 11	4 2
W16	10 53	21 43	4 3	12 5	1 43	5 3	0 10	26 21	3 27	7 29	1 31	19 29	1 55	15 8	0 21	18 18	1 42	21 36	14 24	0 17	0 46	7 2	15 12	4 2
T 17	10 32	17 22	3 17	11 21	1 40	5 33	0 14	26 23	3 26	7 32	1 31	19 30	1 55	15 9	0 21	18 18	1 42	21 36	14 24	0 15	0 45	6 59	15 12	4 2
F 18	10 11	12 23	2 22	10 36	1 38	6 4	0 18	26 25	3 25	7 35	1 31	19 30	1 55	15 9	0 20	18 18	1 42	21 37	14 24	0 14	0 44	6 56	15 13	4 1
S 19	9 50	6 59	1 22	9 51	1 34	6 35	0 22	26 26	3 24	7 38	1 31	19 30	1 56	15 10	0 20	18 18	1 42	21 37	14 24	0 13	0 42	6 52	15 14	4 1
S 20	9 28	1 21	0 18	9 5	1 30	7 5	0 26	26 27	3 23	7 41	1 31	19 30	1 56	15 10	0 20	18 18	1 43	21 38	14 24	0 13	0 41	6 49	15 15	4 1
M21	9 7	4n21	0n47	8 19	1 26	7 35	0 30	26 29	3 22	7 45	1 31	19 31	1 56	15 11	0 20	18 18	1 43	21 39	14 24	0 13	0 40	6 45	15 16	4 1
T 22	8 45	9 55	1 50	7 33	1 22	8 5	0 34	26 30	3 20	7 48	1 31	19 31	1 56	15 12	0 20	18 18	1 43	21 39	14 24	0 13	0 39	6 42	15 17	4 1
W23	8 23	15 11	2 50	6 46	1 17	8 35	0 38	26 31	3 19	7 51	1 32	19 31	1 56	15 12	0 20	18 18	1 43	21 40	14 24	0 14	0 37	6 39	15 18	4 0
T 24	8 1	19 57	3 42	6 0	1 12	9 5	0 42	26 32	3 18	7 54	1 32	19 31	1 56	15 13	0 20	18 17	1 43	21 40	14 24	0 14	0 36	6 35	15 19	4 0
F 25	7 39	23 58	4 25	5 13	1 6	9 35	0 46	26 33	3 17	7 57	1 32	19 31	1 56	15 14	0 20	18 17	1 43	21 41	14 24	0 15	0 35	6 32	15 20	4 0
S 26	7 17	26 57	4 57	4 27	1 0	10 4	0 51	26 33	3 16	8 0	1 32	19 31	1 57	15 14	0 20	18 17	1 43	21 41	14 24	0 15	0 34	6 29	15 21	4 0
S 27	6 55	28 34	5 14	3 40	0 54	10 33	0 55	26 34	3 15	8 3	1 32	19 32	1 57	15 15	0 20	18 17	1 43	21 42	14 24	0 15	0 32	6 25	15 22	4 0
M28	6 32	28 33	5 14	2 54	0 48	11 2	0 59	26 34	3 13	8 6	1 32	19 32	1 57	15 16	0 20	18 17	1 43	21 42	14 24	0 14	0 31	6 22	15 23	4 0
T 29	6 10	26 44	4 56	2 8	0 42	11 31	1 3	26 35	3 12	8 10	1 32	19 32	1 57	15 17	0 20	18 17	1 43	21 43	14 24	0 14	0 30	6 18	15 25	3 59
W30	5 47	23 8	4 20	1 22	0 35	12 0	1 8	26 35	3 11	8 13	1 32	19 32	1 57	15 17	0 20	18 17	1 43	21 43	14 24	0 13	0 28	6 15	15 26	3 59
T 31	5n24	17n58	3n25	0n36	0n28	12s28	1s12	26s35	3s10	8s16	1s32	19n32	1s57	15s18	0n20	18n17	1s43	21s43	14s24	0n12	0n27	6s12	15s27	3n59

Julian Day Number = 2290694.5, Delta T = 159.49 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'40, Lahiri = 17°42'41 Julian Calendar 1 Aug. 1559 == Greg. Calendar 11 Aug. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

SEPTEMBER 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 16 37	17♍18'12	5♍26	1♎13	0♏42	26♐ 1	12°R28	6♊35	12♏31	28°R52	8°R24	0°R29	1♈ 5	17♓21	26♏ 9	F 1
S 2	23 20 33	18°16'47	20°39	2°50	1°50	26°35	12♓20	6°36	12°34	28♉52	8♓23	0♈29	1° 2	17°28	26°13	S 2
S 3	23 24 30	19°15'24	5♎49	4°26	2°58	27°10	12°12	6°37	12°37	28°52	8°22	0°D29	0°59	17°34	26°17	S 3
M 4	23 28 26	20°14'03	20°46	6° 1	4° 5	27°44	12° 5	6°37	12°39	28°51	8°20	0°29	0°55	17°41	26°22	M 4
T 5	23 32 23	21°12'44	5♏25	7°35	5°13	28°19	11°57	6°38	12°42	28°51	8°19	0°30	0°52	17°48	26°26	T 5
W 6	23 36 19	22°11'26	19°39	9° 8	6°20	28°54	11°49	6°38	12°44	28°51	8°18	0°31	0°49	17°54	26°31	W 6
T 7	23 40 16	23°10'11	3♐27	10°40	7°28	29°30	11°41	6°39	12°47	28°50	8°17	0°31	0°46	18° 1	26°36	T 7
F 8	23 44 13	24° 8'57	16°49	12°11	8°35	0♑ 6	11°34	6°39	12°50	28°50	8°16	0°31	0°43	18° 8	26°41	F 8
S 9	23 48 9	25° 7'45	29°48	13°41	9°42	0°41	11°26	6°39	12°53	28°49	8°14	0°R32	0°40	18°14	26°45	S 9
S 10	23 52 6	26° 6'34	12♑25	15°10	10°49	1°18	11°19	6°R39	12°55	28°48	8°13	0°31	0°36	18°21	26°50	S 10
M11	23 56 2	27° 5'26	24°46	16°38	11°56	1°54	11°11	6°39	12°58	28°48	8°12	0°31	0°33	18°27	26°55	M11
T 12	23 59 59	28° 4'19	6♒53	18° 5	13° 2	2°31	11° 4	6°39	13° 1	28°47	8°11	0°31	0°30	18°34	27° 0	T 12
W13	0 3 55	29° 3'13	18°51	19°31	14° 9	3° 7	10°57	6°38	13° 4	28°47	8°10	0°30	0°27	18°41	27° 6	W13
T 14	0 7 52	0♎ 2'10	0♓42	20°56	15°15	3°44	10°50	6°38	13° 7	28°46	8° 9	0°30	0°24	18°47	27°11	T 14
F 15	0 11 48	1° 1'09	12°31	22°20	16°21	4°22	10°43	6°37	13°10	28°45	8° 7	0°D30	0°20	18°54	27°16	F 15
S 16	0 15 45	2° 0'09	24°19	23°43	17°27	4°59	10°36	6°37	13°13	28°44	8° 6	0°R30	0°17	19° 1	27°21	S 16
S 17	0 19 42	2°59'12	6♈ 9	25° 4	18°33	5°37	10°29	6°36	13°16	28°44	8° 5	0°30	0°14	19° 7	27°27	S 17
M18	0 23 38	3°58'16	18° 3	26°25	19°38	6°14	10°22	6°35	13°19	28°43	8° 4	0°30	0°11	19°14	27°32	M18
T 19	0 27 35	4°57'23	0♉ 3	27°44	20°44	6°52	10°16	6°34	13°22	28°42	8° 3	0°30	0° 8	19°21	27°38	T 19
W20	0 31 31	5°56'32	12°11	29° 2	21°49	7°31	10° 9	6°33	13°25	28°41	8° 2	0°29	0° 5	19°27	27°43	W20
T 21	0 35 28	6°55'43	24°30	0♏19	22°54	8° 9	10° 3	6°32	13°28	28°40	8° 1	0°28	0° 1	19°34	27°49	T 21
F 22	0 39 24	7°54'56	7♊ 2	1°35	23°59	8°47	9°57	6°31	13°32	28°39	8° 0	0°27	29♓58	19°41	27°55	F 22
S 23	0 43 21	8°54'12	19°50	2°49	25° 3	9°26	9°51	6°29	13°35	28°38	7°59	0°27	29°55	19°47	28° 1	S 23
S 24	0 47 17	9°53'30	2♋56	4° 1	26° 8	10° 5	9°45	6°28	13°38	28°37	7°58	0°26	29°52	19°54	28° 6	S 24
M25	0 51 14	10°52'51	16°23	5°12	27°12	10°44	9°39	6°26	13°41	28°36	7°57	0°D26	29°49	20° 1	28°12	M25
T 26	0 55 11	11°52'14	0♌13	6°21	28°16	11°23	9°33	6°24	13°45	28°35	7°56	0°27	29°46	20° 7	28°18	T 26
W27	0 59 7	12°51'39	14°25	7°28	29°19	12° 3	9°28	6°22	13°48	28°34	7°55	0°28	29°42	20°14	28°24	W27
T 28	1 3 4	13°51'06	28°58	8°32	0♐23	12°42	9°23	6°21	13°51	28°33	7°54	0°29	29°39	20°20	28°30	T 28
F 29	1 7 0	14°50'36	13♍49	9°35	1°26	13°22	9°18	6°19	13°55	28°32	7°53	0°29	29°36	20°27	28°37	F 29
S 30	1 10 57	15♎50'08	28♍50	10♏35	2♐29	14♑ 1	9♓13	6♊16	13♏58	28♉31	7♓52	0°R30	29♓33	20♓34	28♏43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n 2	11n37	2n14	0s 9	0n22	12s56	1s16	26s35	3s 9	8s19	1s32	19n32	1s58	15s19	0n20	18n17	1s43	21s44	14s24	0n12	0n26	6s 8	15s28	3n59
S 2	4 39	4 33	0 54	0 54	0 15	13 24	1 20	26 35	3 7	8 22	1 32	19 32	1 58	15 20	0 20	18 17	1 43	21 44	14 24	0 11	0 25	6 5	15 29	3 59
S 3	4 16	2s46	0s30	1 39	0 7	13 51	1 25	26 34	3 6	8 25	1 32	19 32	1 58	15 20	0 20	18 17	1 43	21 45	14 24	0 11	0 23	6 1	15 30	3 59
M 4	3 53	9 50	1 50	2 24	0 0	14 19	1 29	26 34	3 5	8 28	1 32	19 32	1 58	15 21	0 20	18 16	1 43	21 45	14 24	0 12	0 22	5 58	15 31	3 58
T 5	3 30	16 13	3 2	3 7	0s 7	14 46	1 33	26 33	3 4	8 31	1 32	19 32	1 58	15 22	0 20	18 16	1 43	21 46	14 24	0 12	0 21	5 55	15 33	3 58
W 6	3 6	21 33	4 0	3 51	0 15	15 12	1 38	26 32	3 2	8 34	1 32	19 32	1 58	15 23	0 20	18 16	1 43	21 46	14 24	0 12	0 20	5 51	15 34	3 58
T 7	2 43	25 31	4 43	4 34	0 22	15 38	1 42	26 31	3 1	8 37	1 32	19 32	1 58	15 24	0 20	18 16	1 43	21 46	14 24	0 12	0 18	5 48	15 35	3 58
F 8	2 20	27 58	5 9	5 17	0 29	16 5	1 46	26 30	3 0	8 40	1 32	19 32	1 59	15 25	0 20	18 16	1 44	21 47	14 24	0 13	0 17	5 44	15 36	3 58
S 9	1 56	28 48	5 18	5 59	0 37	16 30	1 51	26 28	2 59	8 43	1 32	19 31	1 59	15 26	0 20	18 16	1 44	21 47	14 24	0 13	0 16	5 41	15 37	3 58
S 10	1 33	28 4	5 11	6 40	0 44	16 55	1 55	26 27	2 57	8 45	1 32	19 31	1 59	15 26	0 20	18 15	1 44	21 48	14 24	0 12	0 14	5 38	15 39	3 58
M11	1 10	25 59	4 50	7 21	0 52	17 20	1 59	26 25	2 56	8 48	1 32	19 31	1 59	15 27	0 20	18 15	1 44	21 48	14 24	0 12	0 13	5 34	15 40	3 57
T 12	0 46	22 43	4 16	8 1	0 59	17 45	2 3	26 23	2 55	8 51	1 32	19 31	1 59	15 28	0 20	18 15	1 44	21 48	14 23	0 12	0 12	5 31	15 41	3 57
W13	0 23	18 34	3 31	8 41	1 7	18 9	2 8	26 21	2 53	8 54	1 32	19 31	1 59	15 29	0 20	18 15	1 44	21 49	14 23	0 12	0 11	5 27	15 43	3 57
T 14	0s 1	13 43	2 38	9 20	1 14	18 33	2 12	26 19	2 52	8 56	1 32	19 31	1 59	15 30	0 20	18 15	1 44	21 49	14 23	0 12	0 9	5 24	15 44	3 57
F 15	0 24	8 24	1 38	9 59	1 22	18 56	2 16	26 16	2 51	8 59	1 32	19 30	2 0	15 31	0 20	18 15	1 44	21 49	14 23	0 12	0 8	5 21	15 45	3 57
S 16	0 48	2 47	0 34	10 36	1 29	19 19	2 20	26 14	2 49	9 1	1 32	19 30	2 0	15 32	0 20	18 14	1 44	21 50	14 23	0 12	0 7	5 17	15 46	3 57
S 17	1 11	2n56	0n31	11 13	1 36	19 42	2 24	26 11	2 48	9 4	1 32	19 30	2 0	15 33	0 20	18 14	1 44	21 50	14 23	0 12	0 6	5 14	15 48	3 57
M18	1 35	8 34	1 36	11 49	1 43	20 4	2 28	26 8	2 47	9 6	1 31	19 29	2 0	15 34	0 20	18 14	1 44	21 50	14 23	0 12	0 4	5 10	15 49	3 57
T 19	1 58	13 58	2 37	12 25	1 50	20 26	2 32	26 4	2 45	9 9	1 31	19 29	2 0	15 35	0 20	18 14	1 44	21 51	14 23	0 12	0 3	5 7	15 50	3 57
W20	2 22	18 53	3 31	12 59	1 57	20 47	2 36	26 1	2 44	9 11	1 31	19 29	2 0	15 36	0 20	18 13	1 44	21 51	14 23	0 12	0 2	5 4	15 52	3 56
T 21	2 45	23 5	4 17	13 33	2 4	21 8	2 40	25 57	2 43	9 14	1 31	19 29	2 0	15 37	0 20	18 13	1 44	21 51	14 22	0 11	0 1	5 0	15 53	3 56
F 22	3 9	26 19	4 51	14 5	2 10	21 28	2 44	25 54	2 41	9 16	1 31	19 28	2 1	15 38	0 20	18 13	1 44	21 52	14 22	0 11	0s 1	4 57	15 54	3 56
S 23	3 32	28 17	5 12	14 37	2 17	21 48	2 48	25 49	2 40	9 18	1 31	19 28	2 1	15 39	0 20	18 13	1 44	21 52	14 22	0 11	0 2	4 53	15 56	3 56
S 24	3 56	28 45	5 17	15 8	2 23	22 7	2 52	25 45	2 39	9 20	1 31	19 27	2 1	15 40	0 20	18 12	1 44	21 52	14 22	0 10	0 3	4 50	15 57	3 56
M25	4 19	27 32	5 5	15 37	2 29	22 26	2 56	25 41	2 37	9 22	1 31	19 27	2 1	15 40	0 20	18 12	1 44	21 52	14 22	0 10	0 5	4 46	15 58	3 56
T 26	4 42	24 38	4 36	16 6	2 34	22 44	2 59	25 36	2 36	9 24	1 31	19 27	2 1	15 41	0 20	18 12	1 44	21 53	14 22	0 11	0 6	4 43	16 0	3 56
W27	5 6	20 11	3 49	16 33	2 40	23 2	3 3	25 31	2 35	9 26	1 30	19 26	2 1	15 43	0 20	18 12	1 44	21 53	14 22	0 11	0 7	4 40	16 1	3 56
T 28	5 29	14 27	2 46	16 59	2 45	23 19	3 7	25 26	2 33	9 28	1 30	19 26	2 1	15 44	0 20	18 11	1 44	21 53	14 21	0 11	0 8	4 36	16 3	3 56
F 29	5 52	7 47	1 31	17 24	2 49	23 36	3 10	25 21	2 32	9 30	1 30	19 25	2 1	15 45	0 20	18 11	1 44	21 53	14 21	0 12	0 10	4 33	16 4	3 56
S 30	6s15	0n36	0n 9	17s47	2s54	23s52	3s14	25s15	2s31	9s31	1s30	19n25	2s 2	15s46	0n20	18n11	1s44	21s53	14s21	0n12	0s11	4s29	16s 5	3n56

Julian Day Number = 2290725.5, Delta T = 159.31 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'45, Lahiri = 17°42'45 Julian Calendar 1 Sept. 1559 == Greg. Calendar 11 Sept. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

OCTOBER 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 14 53	16♎49'42	13♎55	11♏32	3♐32	14♑41	9°R 8	6°R14	14♏ 1	28°R30	7°R51	0°R30	29♓30	20♓40	28♏49	S 1
M 2	1 18 50	17°49'18	28°54	12°26	4°34	15°21	9♓ 3	6♊12	14° 5	28♉29	7♓50	0♈28	29°26	20°47	28°55	M 2
T 3	1 22 46	18°48'56	13♏38	13°16	5°36	16° 2	8°59	6° 9	14° 8	28°28	7°49	0°26	29°23	20°54	29° 2	T 3
W 4	1 26 43	19°48'36	28° 1	14° 3	6°38	16°42	8°54	6° 7	14°12	28°26	7°48	0°24	29°20	21° 0	29° 8	W 4
T 5	1 30 39	20°48'18	11♐58	14°46	7°40	17°23	8°50	6° 4	14°15	28°25	7°47	0°21	29°17	21° 7	29°14	T 5
F 6	1 34 36	21°48'02	25°28	15°24	8°41	18° 3	8°46	6° 1	14°19	28°24	7°47	0°18	29°14	21°14	29°21	F 6
S 7	1 38 33	22°47'47	8♑32	15°57	9°42	18°44	8°43	5°59	14°22	28°23	7°46	0°17	29°11	21°20	29°27	S 7
S 8	1 42 29	23°47'35	21°11	16°25	10°42	19°25	8°39	5°56	14°26	28°21	7°45	0°D16	29° 7	21°27	29°34	S 8
M 9	1 46 26	24°47'24	3♒31	16°47	11°42	20° 6	8°36	5°53	14°29	28°20	7°44	0°16	29° 4	21°34	29°41	M 9
T 10	1 50 22	25°47'14	15°36	17° 2	12°42	20°47	8°33	5°50	14°33	28°18	7°43	0°17	29° 1	21°40	29°47	T 10
W11	1 54 19	26°47'06	27°31	17°R 9	13°41	21°28	8°30	5°46	14°37	28°17	7°43	0°19	28°58	21°47	29°54	W11
T 12	1 58 15	27°47'00	9♓19	17° 9	14°40	22°10	8°27	5°43	14°40	28°16	7°42	0°21	28°55	21°53	0♐ 1	T 12
F 13	2 2 12	28°46'56	21° 6	17° 0	15°39	22°51	8°25	5°40	14°44	28°14	7°41	0°22	28°52	22° 0	0° 7	F 13
S 14	2 6 8	29°46'53	2♈56	16°43	16°37	23°33	8°22	5°36	14°47	28°13	7°40	0°R23	28°48	22° 7	0°14	S 14
S 15	2 10 5	0♏46'52	14°51	16°16	17°35	24°14	8°20	5°33	14°51	28°11	7°40	0°22	28°45	22°13	0°21	S 15
M16	2 14 2	1°46'53	26°53	15°40	18°32	24°56	8°18	5°29	14°55	28°10	7°39	0°19	28°42	22°20	0°28	M16
T 17	2 17 58	2°46'56	9♉ 6	14°54	19°29	25°38	8°16	5°25	14°58	28° 8	7°39	0°15	28°39	22°27	0°35	T 17
W18	2 21 55	3°47'01	21°29	14° 0	20°25	26°20	8°15	5°22	15° 2	28° 7	7°38	0° 9	28°36	22°33	0°42	W18
T 19	2 25 51	4°47'08	4♊ 4	12°57	21°21	27° 2	8°13	5°18	15° 6	28° 5	7°37	0° 3	28°32	22°40	0°49	T 19
F 20	2 29 48	5°47'17	16°52	11°47	22°16	27°44	8°12	5°14	15° 9	28° 4	7°37	29♓57	28°29	22°47	0°56	F 20
S 21	2 33 44	6°47'28	29°52	10°32	23°10	28°26	8°11	5°10	15°13	28° 2	7°36	29°52	28°26	22°53	1° 3	S 21
S 22	2 37 41	7°47'41	13♋ 6	9°14	24° 4	29° 8	8°10	5° 6	15°17	28° 1	7°36	29°47	28°23	23° 0	1°10	S 22
M23	2 41 37	8°47'56	26°35	7°55	24°58	29°50	8°10	5° 2	15°21	27°59	7°35	29°45	28°20	23° 7	1°17	M23
T 24	2 45 34	9°48'13	10♌18	6°37	25°50	0♒33	8°10	4°58	15°24	27°58	7°35	29°D44	28°17	23°13	1°24	T 24
W25	2 49 31	10°48'32	24°17	5°24	26°43	1°15	8°D 9	4°53	15°28	27°56	7°34	29°45	28°13	23°20	1°31	W25
T 26	2 53 27	11°48'53	8♍31	4°17	27°34	1°58	8°10	4°49	15°32	27°54	7°34	29°46	28°10	23°27	1°38	T 26
F 27	2 57 24	12°49'16	22°59	3°18	28°25	2°40	8°10	4°45	15°35	27°53	7°33	29°R47	28° 7	23°33	1°46	F 27
S 28	3 1 20	13°49'40	7♎37	2°30	29°15	3°23	8°10	4°40	15°39	27°51	7°33	29°47	28° 4	23°40	1°53	S 28
S 29	3 5 17	14°50'07	22°21	1°53	0♑ 4	4° 6	8°11	4°36	15°43	27°50	7°33	29°45	28° 1	23°46	2° 0	S 29
M30	3 9 13	15°50'36	7♏ 4	1°27	0°52	4°49	8°12	4°31	15°47	27°48	7°32	29°41	27°57	23°53	2° 7	M30
T 31	3 13 10	16♏51'06	21♏38	1♏13	1♑40	5♒32	8♓13	4♊27	15♏50	27♉46	7♓32	29♓35	27♓54	24♓ 0	2♐15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s38	6s38	1s14	18s 8	2s57	24s 8	3s17	25s10	2s29	9s33	1s30	19n24	2s 2	15s47	0n20	18n11	1s45	21s54	14s21	0n12	0s12	4s26	16s 7	3n56
M 2	7 1	13 27	2 31	18 28	3 1	24 23	3 20	25 4	2 28	9 35	1 30	19 24	2 2	15 48	0 20	18 10	1 45	21 54	14 21	0 11	0 13	4 22	16 8	3 56
T 3	7 23	19 24	3 36	18 47	3 4	24 38	3 23	24 58	2 27	9 36	1 29	19 23	2 2	15 49	0 20	18 10	1 45	21 54	14 20	0 10	0 15	4 19	16 10	3 55
W 4	7 46	24 6	4 27	19 3	3 6	24 52	3 26	24 51	2 25	9 38	1 29	19 23	2 2	15 50	0 20	18 10	1 45	21 54	14 20	0 9	0 16	4 16	16 11	3 55
T 5	8 9	27 14	4 59	19 17	3 7	25 5	3 29	24 45	2 24	9 39	1 29	19 22	2 2	15 51	0 19	18 9	1 45	21 54	14 20	0 8	0 17	4 12	16 12	3 55
F 6	8 31	28 39	5 14	19 29	3 8	25 18	3 32	24 38	2 22	9 40	1 29	19 22	2 2	15 52	0 19	18 9	1 45	21 54	14 20	0 7	0 18	4 9	16 14	3 55
S 7	8 53	28 25	5 12	19 39	3 8	25 30	3 35	24 31	2 21	9 42	1 29	19 21	2 2	15 53	0 19	18 9	1 45	21 55	14 20	0 7	0 20	4 5	16 15	3 55
S 8	9 15	26 41	4 55	19 46	3 7	25 42	3 38	24 24	2 20	9 43	1 29	19 20	2 2	15 54	0 19	18 8	1 45	21 55	14 19	0 6	0 21	4 2	16 17	3 55
M 9	9 37	23 41	4 24	19 51	3 5	25 53	3 40	24 16	2 18	9 44	1 28	19 20	2 2	15 55	0 19	18 8	1 45	21 55	14 19	0 6	0 22	3 58	16 18	3 55
T 10	9 59	19 44	3 42	19 52	3 2	26 4	3 43	24 9	2 17	9 45	1 28	19 19	2 3	15 56	0 19	18 8	1 45	21 55	14 19	0 7	0 24	3 55	16 19	3 55
W11	10 21	15 3	2 51	19 50	2 58	26 13	3 45	24 1	2 16	9 46	1 28	19 19	2 3	15 57	0 19	18 7	1 45	21 55	14 19	0 8	0 25	3 52	16 21	3 55
T 12	10 43	9 51	1 53	19 45	2 52	26 23	3 47	23 53	2 14	9 47	1 28	19 18	2 3	15 58	0 19	18 7	1 45	21 55	14 18	0 8	0 26	3 48	16 22	3 55
F 13	11 4	4 19	0 51	19 35	2 45	26 32	3 49	23 44	2 13	9 47	1 28	19 17	2 3	15 59	0 19	18 7	1 45	21 55	14 18	0 9	0 27	3 45	16 24	3 55
S 14	11 25	1n23	0n14	19 22	2 36	26 40	3 51	23 36	2 11	9 48	1 27	19 17	2 3	16 0	0 19	18 6	1 45	21 55	14 18	0 9	0 29	3 41	16 25	3 55
S 15	11 46	7 4	1 19	19 4	2 26	26 47	3 53	23 27	2 10	9 49	1 27	19 16	2 3	16 1	0 19	18 6	1 45	21 55	14 18	0 9	0 30	3 38	16 26	3 55
M16	12 7	12 34	2 20	18 42	2 14	26 54	3 55	23 18	2 9	9 49	1 27	19 15	2 3	16 3	0 19	18 6	1 45	21 55	14 17	0 8	0 31	3 34	16 28	3 55
T 17	12 28	17 39	3 16	18 16	2 0	27 1	3 57	23 9	2 7	9 50	1 27	19 15	2 3	16 4	0 19	18 5	1 45	21 55	14 17	0 6	0 32	3 31	16 29	3 55
W18	12 49	22 6	4 3	17 44	1 44	27 6	3 58	23 0	2 6	9 50	1 27	19 14	2 3	16 5	0 19	18 5	1 45	21 55	14 17	0 4	0 34	3 28	16 31	3 55
T 19	13 9	25 36	4 40	17 9	1 27	27 12	3 59	22 50	2 5	9 50	1 26	19 13	2 3	16 6	0 19	18 5	1 45	21 55	14 17	0 1	0 35	3 24	16 32	3 55
F 20	13 29	27 52	5 3	16 30	1 9	27 16	4 0	22 41	2 3	9 51	1 26	19 12	2 3	16 7	0 19	18 4	1 45	21 55	14 16	0s 1	0 36	3 21	16 33	3 55
S 21	13 49	28 41	5 11	15 48	0 49	27 20	4 1	22 31	2 2	9 51	1 26	19 12	2 3	16 8	0 19	18 4	1 45	21 55	14 16	0 3	0 37	3 17	16 35	3 55
S 22	14 9	27 52	5 3	15 4	0 29	27 24	4 2	22 21	2 0	9 51	1 26	19 11	2 3	16 9	0 19	18 4	1 45	21 55	14 16	0 5	0 39	3 14	16 36	3 55
M23	14 28	25 26	4 38	14 19	0 8	27 26	4 2	22 10	1 59	9 51	1 25	19 10	2 3	16 10	0 19	18 3	1 45	21 55	14 16	0 6	0 40	3 10	16 37	3 55
T 24	14 47	21 30	3 57	13 34	0n12	27 29	4 3	22 0	1 58	9 51	1 25	19 9	2 3	16 11	0 19	18 3	1 45	21 55	14 15	0 6	0 41	3 7	16 39	3 56
W25	15 6	16 18	3 1	12 51	0 32	27 30	4 3	21 49	1 56	9 51	1 25	19 9	2 3	16 12	0 19	18 2	1 45	21 55	14 15	0 6	0 43	3 3	16 40	3 56
T 26	15 25	10 8	1 53	12 10	0 51	27 32	4 3	21 38	1 55	9 50	1 25	19 8	2 3	16 13	0 19	18 2	1 45	21 55	14 15	0 6	0 44	3 0	16 42	3 56
F 27	15 44	3 21	0 37	11 34	1 9	27 32	4 3	21 27	1 54	9 50	1 25	19 7	2 3	16 15	0 19	18 2	1 45	21 55	14 15	0 5	0 45	2 57	16 43	3 56
S 28	16 2	3s41	0s42	11 3	1 25	27 32	4 2	21 16	1 52	9 50	1 24	19 6	2 3	16 16	0 19	18 1	1 45	21 55	14 14	0 5	0 46	2 53	16 44	3 56
S 29	16 20	10 34	1 59	10 37	1 39	27 32	4 2	21 4	1 51	9 49	1 24	19 5	2 3	16 17	0 19	18 1	1 45	21 54	14 14	0 6	0 48	2 50	16 46	3 56
M30	16 37	16 51	3 8	10 16	1 51	27 31	4 1	20 53	1 50	9 49	1 24	19 4	2 3	16 18	0 19	18 1	1 45	21 54	14 14	0 8	0 49	2 46	16 47	3 56
T 31	16s55	22s 8	4s 3	10s 2	2n 1	27s29	4s 0	20s41	1s48	9s48	1s24	19n 4	2s 3	16s19	0n19	18n 0	1s45	21s54	14s13	0s10	0s50	2s43	16s48	3n56

Julian Day Number = 2290755.5, Delta T = 159.14 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'49, Lahiri = 17°42'49 Julian Calendar 1 Oct. 1559 == Greg. Calendar 11 Oct. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

NOVEMBER 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 17 6	17♏51'38	5♐57	1°D10	2♑27	6♒15	8♓14	4°R22	15♏54	27°R45	7°R32	29°R27	27♓51	24♓ 6	2♐22	W 1
T 2	3 21 3	18°52'11	19°55	1♏19	3°12	6°58	8°16	4♊18	15°58	27♉43	7♓32	29♓18	27°48	24°13	2°29	T 2
F 3	3 25 0	19°52'46	3♑28	1°37	3°57	7°41	8°18	4°13	16° 2	27°41	7°31	29°10	27°45	24°20	2°37	F 3
S 4	3 28 56	20°53'22	16°36	2° 5	4°41	8°24	8°20	4° 8	16° 5	27°40	7°31	29° 3	27°42	24°26	2°44	S 4
S 5	3 32 53	21°54'00	29°19	2°42	5°24	9° 7	8°22	4° 3	16° 9	27°38	7°31	28°58	27°38	24°33	2°51	S 5
M 6	3 36 49	22°54'38	11♒42	3°26	6° 6	9°51	8°24	3°59	16°13	27°36	7°31	28°55	27°35	24°40	2°59	M 6
T 7	3 40 46	23°55'18	23°47	4°17	6°46	10°34	8°27	3°54	16°16	27°34	7°31	28°D55	27°32	24°46	3° 6	T 7
W 8	3 44 42	24°55'59	5♓42	5°13	7°26	11°17	8°29	3°49	16°20	27°33	7°31	28°55	27°29	24°53	3°14	W 8
T 9	3 48 39	25°56'41	17°30	6°15	8° 4	12° 1	8°32	3°44	16°24	27°31	7°30	28°56	27°26	25° 0	3°21	T 9
F 10	3 52 36	26°57'24	29°17	7°21	8°41	12°44	8°35	3°39	16°28	27°29	7°30	28°R57	27°23	25° 6	3°28	F 10
S 11	3 56 32	27°58'08	11♈ 9	8°32	9°17	13°28	8°39	3°34	16°31	27°28	7°30	28°56	27°19	25°13	3°36	S 11
S 12	4 0 29	28°58'53	23° 9	9°45	9°51	14°11	8°42	3°29	16°35	27°26	7°D30	28°53	27°16	25°19	3°43	S 12
M13	4 4 25	29°59'39	5♉21	11° 1	10°24	14°55	8°46	3°24	16°39	27°24	7°30	28°47	27°13	25°26	3°51	M13
T 14	4 8 22	1♗ 0'27	17°47	12°20	10°55	15°38	8°50	3°20	16°42	27°23	7°30	28°39	27°10	25°33	3°58	T 14
W15	4 12 18	2° 1'15	0♊28	13°41	11°25	16°22	8°54	3°15	16°46	27°21	7°30	28°29	27° 7	25°39	4° 5	W15
T 16	4 16 15	3° 2'05	13°24	15° 4	11°53	17° 5	8°58	3°10	16°49	27°19	7°31	28°17	27° 3	25°46	4°13	T 16
F 17	4 20 11	4° 2'57	26°34	16°28	12°20	17°49	9° 3	3° 5	16°53	27°18	7°31	28° 5	27° 0	25°53	4°20	F 17
S 18	4 24 8	5° 3'49	9♋57	17°53	12°44	18°33	9° 7	3° 0	16°57	27°16	7°31	27°54	26°57	25°59	4°28	S 18
S 19	4 28 5	6° 4'43	23°30	19°20	13° 7	19°17	9°12	2°55	17° 0	27°14	7°31	27°45	26°54	26° 6	4°35	S 19
M20	4 32 1	7° 5'37	7♌13	20°47	13°28	20° 0	9°17	2°50	17° 4	27°13	7°31	27°39	26°51	26°13	4°43	M20
T 21	4 35 58	8° 6'34	21° 2	22°15	13°47	20°44	9°22	2°45	17° 7	27°11	7°31	27°36	26°48	26°19	4°50	T 21
W22	4 39 54	9° 7'31	4♍59	23°44	14° 5	21°28	9°28	2°40	17°11	27° 9	7°32	27°D34	26°44	26°26	4°57	W22
T 23	4 43 51	10° 8'29	19° 3	25°14	14°20	22°12	9°33	2°35	17°14	27° 8	7°32	27°35	26°41	26°33	5° 5	T 23
F 24	4 47 47	11° 9'29	3♎12	26°44	14°33	22°56	9°39	2°30	17°18	27° 6	7°32	27°R35	26°38	26°39	5°12	F 24
S 25	4 51 44	12°10'30	17°26	28°14	14°44	23°40	9°45	2°25	17°21	27° 4	7°32	27°33	26°35	26°46	5°20	S 25
S 26	4 55 40	13°11'32	1♏43	29°45	14°52	24°24	9°51	2°21	17°25	27° 3	7°33	27°29	26°32	26°53	5°27	S 26
M27	4 59 37	14°12'36	15°59	1♐16	14°58	25° 7	9°57	2°16	17°28	27° 1	7°33	27°23	26°29	26°59	5°34	M27
T 28	5 3 34	15°13'40	0♐10	2°47	15° 2	25°51	10° 4	2°11	17°32	26°59	7°34	27°13	26°25	27° 6	5°42	T 28
W29	5 7 30	16°14'45	14°10	4°19	15°R 4	26°35	10°10	2° 6	17°35	26°58	7°34	27° 1	26°22	27°12	5°49	W29
T 30	5 11 27	17♐15'51	27♐55	5♐51	15♑ 3	27♒19	10♓17	2♊ 2	17♏39	26♉56	7♓34	26♓48	26♓19	27♓19	5♐56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s12	25s59	4s42	9s53	2n 9	27s27	3s58	20s29	1s47	9s47	1s23	19n 3	2s 3	16s20	0n19	18n 0	1s45	21s54	14s13	0s13	0s51	2s39	16s50	3n56	
T 2	17 29	28 9	5 3	9 50	2 16	27 24	3 57	20 17	1 45	9 47	1 23	19 2	2 3	16 21	0 19	17 59	1 45	21 54	14 13	0 17	0 53	2 36	16 51	3 56	
F 3	17 45	28 33	5 6	9 52	2 21	27 21	3 55	20 4	1 44	9 46	1 23	19 1	2 3	16 22	0 19	17 59	1 45	21 54	14 13	0 20	0 54	2 32	16 52	3 56	
S 4	18 1	27 19	4 53	9 59	2 24	27 18	3 53	19 52	1 43	9 45	1 23	19 0	2 3	16 23	0 19	17 59	1 45	21 53	14 12	0 23	0 55	2 29	16 53	3 56	
S 5	18 17	24 40	4 26	10 10	2 25	27 14	3 51	19 39	1 41	9 44	1 22	18 59	2 3	16 24	0 19	17 58	1 45	21 53	14 12	0 25	0 56	2 26	16 55	3 57	
M 6	18 33	20 56	3 46	10 24	2 26	27 9	3 48	19 26	1 40	9 43	1 22	18 59	2 3	16 25	0 19	17 58	1 45	21 53	14 12	0 26	0 58	2 22	16 56	3 57	
T 7	18 48	16 25	2 57	10 42	2 25	27 4	3 45	19 13	1 39	9 41	1 22	18 58	2 3	16 26	0 19	17 58	1 45	21 53	14 11	0 26	0 59	2 19	16 57	3 57	
W 8	19 3	11 20	2 2	11 2	2 23	26 59	3 42	19 0	1 37	9 40	1 22	18 57	2 3	16 28	0 19	17 57	1 45	21 53	14 11	0 26	1 0	2 15	16 59	3 57	
T 9	19 17	5 53	1 1	11 25	2 21	26 53	3 38	18 46	1 36	9 39	1 21	18 56	2 3	16 29	0 19	17 57	1 45	21 52	14 11	0 25	1 1	2 12	17 0	3 57	
F 10	19 32	0 15	0n 2	11 50	2 18	26 47	3 35	18 33	1 35	9 37	1 21	18 55	2 3	16 30	0 19	17 56	1 45	21 52	14 10	0 25	1 3	2 8	17 1	3 57	
S 11	19 45	5n25	1 5	12 16	2 13	26 40	3 31	18 19	1 33	9 36	1 21	18 54	2 3	16 31	0 19	17 56	1 45	21 52	14 10	0 26	1 4	2 5	17 2	3 57	
S 12	19 59	10 58	2 6	12 44	2 9	26 33	3 26	18 5	1 32	9 34	1 21	18 53	2 3	16 32	0 19	17 56	1 45	21 52	14 10	0 27	1 5	2 1	17 4	3 58	
M13	20 12	16 11	3 2	13 13	2 4	26 26	3 21	17 51	1 31	9 33	1 21	18 52	2 3	16 33	0 19	17 55	1 45	21 51	14 10	0 29	1 7	1 58	17 5	3 58	
T 14	20 25	20 51	3 50	13 42	1 58	26 18	3 16	17 37	1 29	9 31	1 20	18 52	2 3	16 34	0 19	17 55	1 45	21 51	14 9	0 32	1 8	1 54	17 6	3 58	
W15	20 37	24 40	4 28	14 12	1 52	26 10	3 11	17 22	1 28	9 29	1 20	18 51	2 3	16 35	0 19	17 55	1 45	21 51	14 9	0 36	1 9	1 51	17 7	3 58	
T 16	20 49	27 18	4 53	14 42	1 46	26 2	3 5	17 8	1 27	9 28	1 20	18 50	2 3	16 36	0 19	17 54	1 45	21 50	14 9	0 41	1 10	1 48	17 8	3 58	
F 17	21 1	28 30	5 2	15 13	1 40	25 53	2 58	16 53	1 25	9 26	1 20	18 49	2 3	16 37	0 19	17 54	1 45	21 50	14 8	0 46	1 12	1 44	17 9	3 58	
S 18	21 12	28 3	4 56	15 43	1 33	25 44	2 52	16 38	1 24	9 24	1 19	18 48	2 3	16 38	0 19	17 53	1 45	21 50	14 8	0 50	1 13	1 41	17 11	3 59	
S 19	21 23	25 56	4 33	16 13	1 26	25 35	2 45	16 23	1 23	9 22	1 19	18 47	2 3	16 39	0 19	17 53	1 45	21 49	14 8	0 54	1 14	1 37	17 12	3 59	
M20	21 33	22 17	3 54	16 43	1 19	25 25	2 37	16 8	1 21	9 20	1 19	18 46	2 3	16 40	0 19	17 53	1 45	21 49	14 7	0 56	1 15	1 34	17 13	3 59	
T 21	21 43	17 23	3 1	17 13	1 12	25 16	2 29	15 53	1 20	9 17	1 19	18 46	2 2	16 41	0 19	17 52	1 45	21 49	14 7	0 58	1 17	1 30	17 14	3 59	
W22	21 52	11 31	1 57	17 42	1 5	25 5	2 21	15 38	1 19	9 15	1 19	18 45	2 2	16 42	0 19	17 52	1 45	21 48	14 7	0 58	1 18	1 27	17 15	3 59	
T 23	22 2	5 2	0 45	18 11	0 58	24 55	2 12	15 22	1 18	9 13	1 18	18 44	2 2	16 43	0 19	17 52	1 45	21 48	14 6	0 58	1 19	1 23	17 16	4 0	
F 24	22 10	1s44	0s30	18 39	0 50	24 45	2 3	15 7	1 16	9 10	1 18	18 43	2 2	16 44	0 19	17 51	1 45	21 47	14 6	0 58	1 20	1 20	17 17	4 0	
S 25	22 19	8 27	1 43	19 7	0 43	24 34	1 54	14 51	1 15	9 8	1 18	18 42	2 2	16 45	0 19	17 51	1 45	21 47	14 6	0 59	1 22	1 16	17 18	4 0	
S 26	22 26	14 46	2 50	19 34	0 36	24 23	1 43	14 35	1 14	9 6	1 18	18 41	2 2	16 46	0 19	17 51	1 45	21 47	14 6	1 0	1 23	1 13	17 19	4 0	
M27	22 34	20 16	3 46	20 0	0 29	24 12	1 33	14 19	1 13	9 3	1 17	18 41	2 2	16 47	0 19	17 50	1 45	21 46	14 5	1 3	1 24	1 10	17 20	4 0	
T 28	22 41	24 36	4 28	20 25	0 21	24 0	1 22	14 3	1 11	9 0	1 17	18 40	2 2	16 48	0 19	17 50	1 45	21 46	14 5	1 7	1 26	1 6	17 21	4 1	
W29	22 47	27 24	4 53	20 50	0 14	23 49	1 10	13 47	1 10	8 58	1 17	18 39	2 1	16 49	0 19	17 50	1 45	21 45	14 5	1 11	1 27	1 3	17 22	4 1	
T 30	22s53	28s29	5s 0	21s13	0n 7	23s37	0s58	13s30	1s 9	8s55	1s17	18n38	2s 1	16s50	0n19	17n49	1s45	21s45	14s 4	1s17	1s28	0s59	17s23	4n 1	

Julian Day Number = 2290786.5, Delta T = 158.97 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'53, Lahiri = 17°42'54 Julian Calendar 1 Nov. 1559 == Greg. Calendar 11 Nov. 1559

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ASTRODIENST EPHEMERIS for the year 1559
geocentric

DECEMBER 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 15 23	18♐16'57	11♑20	7♐23	15°R 0	28♒ 3	10♓24	1°R57	17♏42	26°R55	7♓35	26°R35	26♓16	27♓26	6♐ 4	F 1
S 2	5 19 20	19°18'04	24°24	8°55	14♑54	28°47	10°31	1♊52	17°45	26♉53	7°35	26♓24	26°13	27°32	6°11	S 2
S 3	5 23 16	20°19'11	7♒ 7	10°27	14°46	29°31	10°38	1°48	17°49	26°52	7°36	26°15	26° 9	27°39	6°18	S 3
M 4	5 27 13	21°20'19	19°29	12° 0	14°35	0♓15	10°46	1°43	17°52	26°50	7°36	26° 9	26° 6	27°46	6°25	M 4
T 5	5 31 9	22°21'27	1♓36	13°33	14°22	1° 0	10°53	1°39	17°55	26°49	7°37	26° 5	26° 3	27°52	6°33	T 5
W 6	5 35 6	23°22'35	13°31	15° 6	14° 6	1°44	11° 1	1°34	17°58	26°47	7°38	26° 4	26° 0	27°59	6°40	W 6
T 7	5 39 3	24°23'43	25°19	16°39	13°48	2°28	11° 9	1°30	18° 2	26°46	7°38	26° 4	25°57	28° 6	6°47	T 7
F 8	5 42 59	25°24'52	7♈ 7	18°12	13°27	3°12	11°17	1°26	18° 5	26°44	7°39	26° 4	25°54	28°12	6°54	F 8
S 9	5 46 56	26°26'00	19° 0	19°46	13° 5	3°56	11°25	1°22	18° 8	26°43	7°39	26° 2	25°50	28°19	7° 1	S 9
S 10	5 50 52	27°27'09	1♉ 2	21°19	12°40	4°40	11°34	1°17	18°11	26°41	7°40	25°59	25°47	28°26	7° 8	S 10
M11	5 54 49	28°28'18	13°19	22°53	12°13	5°24	11°42	1°13	18°14	26°40	7°41	25°52	25°44	28°32	7°15	M11
T 12	5 58 45	29°29'26	25°54	24°28	11°44	6° 8	11°51	1° 9	18°17	26°39	7°41	25°43	25°41	28°39	7°23	T 12
W13	6 2 42	0♑30'35	8♊49	26° 2	11°13	6°52	11°59	1° 5	18°20	26°37	7°42	25°32	25°38	28°46	7°30	W13
T 14	6 6 38	1°31'45	22° 5	27°37	10°41	7°36	12° 8	1° 1	18°23	26°36	7°43	25°19	25°35	28°52	7°37	T 14
F 15	6 10 35	2°32'54	5♋38	29°12	10° 7	8°20	12°17	0°57	18°26	26°35	7°44	25° 6	25°31	28°59	7°43	F 15
S 16	6 14 32	3°34'03	19°27	0♑47	9°32	9° 4	12°27	0°54	18°29	26°33	7°45	24°53	25°28	29° 5	7°50	S 16
S 17	6 18 28	4°35'13	3♌28	2°23	8°57	9°48	12°36	0°50	18°32	26°32	7°45	24°43	25°25	29°12	7°57	S 17
M18	6 22 25	5°36'22	17°35	3°59	8°20	10°32	12°45	0°46	18°35	26°31	7°46	24°36	25°22	29°19	8° 4	M18
T 19	6 26 21	6°37'32	1♍45	5°36	7°44	11°16	12°55	0°43	18°37	26°30	7°47	24°32	25°19	29°25	8°11	T 19
W20	6 30 18	7°38'42	15°54	7°12	7° 7	12° 0	13° 5	0°39	18°40	26°28	7°48	24°30	25°15	29°32	8°18	W20
T 21	6 34 14	8°39'52	0♎ 2	8°50	6°30	12°44	13°14	0°36	18°43	26°27	7°49	24°D30	25°12	29°39	8°24	T 21
F 22	6 38 11	9°41'02	14° 6	10°27	5°54	13°28	13°24	0°33	18°46	26°26	7°50	24°R30	25° 9	29°45	8°31	F 22
S 23	6 42 8	10°42'12	28° 7	12° 5	5°18	14°12	13°34	0°30	18°48	26°25	7°51	24°29	25° 6	29°52	8°38	S 23
S 24	6 46 4	11°43'23	12♏ 3	13°44	4°44	14°56	13°45	0°27	18°51	26°24	7°52	24°26	25° 3	29°59	8°44	S 24
M25	6 50 1	12°44'34	25°54	15°22	4°10	15°40	13°55	0°24	18°54	26°23	7°53	24°19	25° 0	0♈ 5	8°51	M25
T 26	6 53 57	13°45'45	9♐37	17° 2	3°38	16°24	14° 5	0°21	18°56	26°22	7°54	24°10	24°56	0°12	8°57	T 26
W27	6 57 54	14°46'55	23°10	18°41	3° 7	17° 8	14°16	0°18	18°59	26°21	7°55	23°59	24°53	0°19	9° 4	W27
T 28	7 1 50	15°48'06	6♑31	20°21	2°38	17°52	14°27	0°15	19° 1	26°20	7°56	23°47	24°50	0°25	9°10	T 28
F 29	7 5 47	16°49'16	19°38	22° 2	2°11	18°36	14°37	0°13	19° 3	26°19	7°57	23°35	24°47	0°32	9°17	F 29
S 30	7 9 43	17°50'25	2♒28	23°43	1°46	19°20	14°48	0°10	19° 6	26°18	7°58	23°24	24°44	0°39	9°23	S 30
S 31	7 13 40	18♑51'34	15♒ 2	25♑24	1♑23	20♓ 4	14♓59	0♊ 8	19♏ 8	26♉17	7♓59	23♓15	24♓41	0♈45	9♐29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	27s50	4s51	21s36	0s 0	23s25	0s46	13s14	1s 7	8s52	1s17	18n37	2s 1	16s51	0n19	17n49	1s45	21s44	14s 4	1s22	1s29	0s56	17s24	4n 1
S 2	23 4	25 39	4 26	21 57	0 7	23 13	0 33	12 57	1 6	8 49	1 16	18 37	2 1	16 52	0 19	17 49	1 45	21 44	14 4	1 26	1 31	0 52	17 25	4 2
S 3	23 9	22 13	3 48	22 18	0 14	23 1	0 20	12 41	1 5	8 46	1 16	18 36	2 1	16 53	0 19	17 48	1 45	21 43	14 3	1 30	1 32	0 49	17 26	4 2
M 4	23 13	17 52	3 1	22 38	0 21	22 48	0 6	12 24	1 4	8 43	1 16	18 35	2 1	16 54	0 19	17 48	1 45	21 43	14 3	1 32	1 33	0 45	17 27	4 2
T 5	23 17	12 53	2 6	22 56	0 27	22 36	0n 8	12 7	1 3	8 40	1 16	18 34	2 1	16 54	0 19	17 48	1 45	21 43	14 3	1 34	1 34	0 42	17 28	4 3
W 6	23 20	7 31	1 6	23 13	0 34	22 23	0 22	11 50	1 1	8 37	1 16	18 34	2 0	16 55	0 19	17 47	1 45	21 42	14 3	1 34	1 36	0 38	17 29	4 3
T 7	23 23	1 55	0 4	23 30	0 40	22 11	0 37	11 33	1 0	8 34	1 15	18 33	2 0	16 56	0 19	17 47	1 45	21 42	14 2	1 34	1 37	0 35	17 30	4 3
F 8	23 25	3n43	0n58	23 45	0 46	21 58	0 52	11 16	0 59	8 30	1 15	18 32	2 0	16 57	0 19	17 47	1 45	21 41	14 2	1 34	1 38	0 31	17 31	4 3
S 9	23 27	9 17	1 58	23 59	0 53	21 45	1 7	10 59	0 58	8 27	1 15	18 32	2 0	16 58	0 19	17 46	1 45	21 41	14 2	1 35	1 39	0 28	17 32	4 4
S 10	23 28	14 34	2 54	24 11	0 58	21 32	1 22	10 42	0 56	8 24	1 15	18 31	2 0	16 59	0 19	17 46	1 45	21 40	14 1	1 36	1 41	0 25	17 33	4 4
M11	23 29	19 24	3 42	24 23	1 4	21 19	1 38	10 25	0 55	8 20	1 15	18 30	1 59	17 0	0 19	17 46	1 45	21 39	14 1	1 39	1 42	0 21	17 33	4 4
T 12	23 30	23 30	4 21	24 33	1 10	21 6	1 53	10 7	0 54	8 17	1 14	18 30	1 59	17 1	0 19	17 46	1 45	21 39	14 1	1 42	1 43	0 18	17 34	4 5
W13	23 30	26 34	4 48	24 41	1 15	20 53	2 9	9 50	0 53	8 13	1 14	18 29	1 59	17 1	0 19	17 45	1 44	21 38	14 1	1 47	1 44	0 14	17 35	4 5
T 14	23 29	28 15	5 0	24 49	1 20	20 40	2 25	9 32	0 52	8 10	1 14	18 29	1 59	17 2	0 19	17 45	1 44	21 38	14 0	1 52	1 46	0 11	17 36	4 5
F 15	23 28	28 18	4 55	24 55	1 25	20 27	2 40	9 15	0 51	8 6	1 14	18 28	1 59	17 3	0 19	17 45	1 44	21 37	14 0	1 57	1 47	0 7	17 37	4 6
S 16	23 27	26 36	4 33	25 0	1 30	20 14	2 56	8 57	0 49	8 2	1 14	18 27	1 58	17 4	0 19	17 44	1 44	21 37	14 0	2 2	1 48	0 4	17 37	4 6
S 17	23 25	23 14	3 55	25 3	1 34	20 1	3 11	8 39	0 48	7 59	1 13	18 27	1 58	17 5	0 19	17 44	1 44	21 36	13 59	2 6	1 50	0 0	17 38	4 6
M18	23 23	18 29	3 2	25 5	1 39	19 49	3 26	8 22	0 47	7 55	1 13	18 26	1 58	17 5	0 19	17 44	1 44	21 36	13 59	2 9	1 51	0n 3	17 39	4 7
T 19	23 20	12 42	1 57	25 5	1 43	19 36	3 40	8 4	0 46	7 51	1 13	18 26	1 58	17 6	0 19	17 44	1 44	21 35	13 59	2 11	1 52	0 7	17 40	4 7
W20	23 17	6 16	0 45	25 4	1 46	19 24	3 55	7 46	0 45	7 47	1 13	18 25	1 58	17 7	0 19	17 44	1 44	21 34	13 59	2 11	1 53	0 10	17 40	4 7
T 21	23 13	0s28	0s29	25 2	1 50	19 12	4 8	7 28	0 44	7 43	1 13	18 25	1 57	17 8	0 19	17 43	1 44	21 34	13 58	2 11	1 55	0 13	17 41	4 8
F 22	23 9	7 8	1 42	24 58	1 53	19 1	4 21	7 10	0 43	7 39	1 13	18 24	1 57	17 8	0 19	17 43	1 44	21 33	13 58	2 11	1 56	0 17	17 42	4 8
S 23	23 4	13 27	2 48	24 52	1 56	18 50	4 34	6 52	0 41	7 35	1 12	18 24	1 57	17 9	0 19	17 43	1 44	21 33	13 58	2 12	1 57	0 20	17 42	4 9
S 24	22 59	19 2	3 44	24 45	1 58	18 39	4 46	6 34	0 40	7 31	1 12	18 24	1 57	17 10	0 19	17 43	1 44	21 32	13 58	2 13	1 58	0 24	17 43	4 9
M25	22 53	23 35	4 26	24 36	2 1	18 29	4 57	6 16	0 39	7 27	1 12	18 23	1 56	17 11	0 19	17 42	1 44	21 31	13 57	2 16	2 0	0 27	17 43	4 9
T 26	22 47	26 46	4 52	24 26	2 2	18 20	5 7	5 58	0 38	7 23	1 12	18 23	1 56	17 11	0 19	17 42	1 44	21 31	13 57	2 19	2 1	0 31	17 44	4 10
W27	22 41	28 21	5 2	24 14	2 4	18 10	5 17	5 40	0 37	7 19	1 12	18 22	1 56	17 12	0 19	17 42	1 44	21 30	13 57	2 24	2 2	0 34	17 45	4 10
T 28	22 34	28 15	4 55	24 1	2 5	18 2	5 26	5 21	0 36	7 14	1 12	18 22	1 56	17 13	0 19	17 42	1 44	21 30	13 57	2 28	2 3	0 38	17 45	4 11
F 29	22 26	26 32	4 32	23 46	2 6	17 54	5 35	5 3	0 35	7 10	1 11	18 22	1 56	17 13	0 19	17 42	1 44	21 29	13 56	2 33	2 5	0 41	17 46	4 11
S 30	22 18	23 29	3 55	23 29	2 6	17 47	5 43	4 45	0 34	7 6	1 11	18 21	1 55	17 14	0 19	17 42	1 44	21 28	13 56	2 38	2 6	0 45	17 46	4 11
S 31	22s10	19s22	3s 8	23s10	2s 6	17s40	5n50	4s27	0s33	7s 1	1s11	18n21	1s55	17s15	0n19	17n41	1s44	21s28	13s56	2s41	2s 7	0n48	17s47	4n12

Julian Day Number = 2290816.5, Delta T = 158.80 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'57, Lahiri = 17°42'58 Julian Calendar 1 Dec. 1559 == Greg. Calendar 11 Dec. 1559

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1560
geocentric

JANUARY 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 17 37	19♑52'42	27♒20	27♑ 5	1°R 2	20♓48	15♓10	0°R 5	19♏10	26°R16	8♓ 0	23°R 9	24♓37	0♈52	9♐35	M 1
T 2	7 21 33	20°53'50	9♓24	28°47	0♑43	21°31	15°21	0♊ 3	19°13	26♉15	8° 2	23♓ 6	24°34	0°58	9°42	T 2
W 3	7 25 30	21°54'57	21°18	0♒29	0°27	22°15	15°33	0° 1	19°15	26°14	8° 3	23°D 5	24°31	1° 5	9°48	W 3
T 4	7 29 26	22°56'03	3♈ 6	2°12	0°14	22°59	15°44	29♉59	19°17	26°14	8° 4	23° 5	24°28	1°12	9°54	T 4
F 5	7 33 23	23°57'07	14°53	3°54	0° 2	23°43	15°56	29°57	19°19	26°13	8° 5	23° 6	24°25	1°18	10° 0	F 5
S 6	7 37 19	24°58'12	26°45	5°37	29♐54	24°27	16° 7	29°55	19°21	26°12	8° 6	23°R 6	24°21	1°25	10° 6	S 6
S 7	7 41 16	25°59'15	8♉47	7°19	29°47	25°10	16°19	29°54	19°23	26°11	8° 8	23° 5	24°18	1°32	10°12	S 7
M 8	7 45 12	27° 0'17	21° 4	9° 1	29°43	25°54	16°31	29°52	19°25	26°11	8° 9	23° 2	24°15	1°38	10°17	M 8
T 9	7 49 9	28° 1'18	3♊41	10°42	29°D42	26°38	16°43	29°51	19°27	26°10	8°10	22°57	24°12	1°45	10°23	T 9
W10	7 53 6	29° 2'18	16°41	12°23	29°43	27°22	16°55	29°49	19°29	26°10	8°11	22°49	24° 9	1°52	10°29	W10
T 11	7 57 2	0♒ 3'17	0♋ 5	14° 3	29°47	28° 5	17° 7	29°48	19°31	26° 9	8°13	22°41	24° 6	1°58	10°35	T 11
F 12	8 0 59	1° 4'15	13°53	15°42	29°53	28°49	17°19	29°47	19°33	26° 9	8°14	22°31	24° 2	2° 5	10°40	F 12
S 13	8 4 55	2° 5'12	28° 3	17°20	0♑ 1	29°33	17°31	29°46	19°34	26° 8	8°15	22°23	23°59	2°12	10°46	S 13
S 14	8 8 52	3° 6'08	12♌28	18°55	0°11	0♈16	17°43	29°45	19°36	26° 8	8°17	22°16	23°56	2°18	10°51	S 14
M15	8 12 48	4° 7'03	27° 2	20°28	0°24	1° 0	17°56	29°44	19°38	26° 7	8°18	22°11	23°53	2°25	10°56	M15
T 16	8 16 45	5° 7'57	11♍40	21°59	0°38	1°43	18° 8	29°44	19°39	26° 7	8°20	22° 8	23°50	2°31	11° 2	T 16
W17	8 20 42	6° 8'50	26°14	23°26	0°55	2°27	18°21	29°43	19°41	26° 6	8°21	22°D 8	23°47	2°38	11° 7	W17
T 18	8 24 38	7° 9'42	10♎40	24°48	1°14	3°10	18°33	29°43	19°42	26° 6	8°22	22° 9	23°43	2°45	11°12	T 18
F 19	8 28 35	8°10'34	24°55	26° 7	1°35	3°54	18°46	29°42	19°44	26° 6	8°24	22°10	23°40	2°51	11°17	F 19
S 20	8 32 31	9°11'24	8♏58	27°20	1°58	4°37	18°59	29°42	19°45	26° 5	8°25	22°R11	23°37	2°58	11°22	S 20
S 21	8 36 28	10°12'14	22°46	28°26	2°22	5°20	19°12	29°D42	19°46	26° 5	8°27	22°10	23°34	3° 5	11°27	S 21
M22	8 40 24	11°13'03	6♐22	29°26	2°48	6° 4	19°24	29°42	19°48	26° 5	8°28	22° 7	23°31	3°11	11°32	M22
T 23	8 44 21	12°13'51	19°44	0♓18	3°16	6°47	19°37	29°42	19°49	26° 5	8°29	22° 3	23°27	3°18	11°37	T 23
W24	8 48 17	13°14'38	2♑54	1° 2	3°46	7°30	19°50	29°42	19°50	26° 5	8°31	21°57	23°24	3°25	11°42	W24
T 25	8 52 14	14°15'24	15°50	1°37	4°17	8°14	20° 4	29°43	19°51	26° 5	8°32	21°50	23°21	3°31	11°46	T 25
F 26	8 56 11	15°16'09	28°34	2° 2	4°49	8°57	20°17	29°43	19°52	26° 5	8°34	21°43	23°18	3°38	11°51	F 26
S 27	9 0 7	16°16'52	11♒ 6	2°16	5°23	9°40	20°30	29°44	19°53	26°D 5	8°35	21°37	23°15	3°45	11°55	S 27
S 28	9 4 4	17°17'34	23°25	2°R21	5°59	10°23	20°43	29°44	19°54	26° 5	8°37	21°32	23°12	3°51	12° 0	S 28
M29	9 8 0	18°18'14	5♓33	2°14	6°35	11° 6	20°57	29°45	19°55	26° 5	8°38	21°29	23° 8	3°58	12° 4	M29
T 30	9 11 57	19°18'53	17°31	1°57	7°13	11°50	21°10	29°46	19°56	26° 5	8°40	21°D28	23° 5	4° 5	12° 8	T 30
W31	9 15 53	20♒19'30	29♓23	1♓30	7♑52	12♈33	21♓23	29♉47	19♏57	26♉ 5	8♓41	21♓28	23♓ 2	4♈11	12♐13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s 1	14s31	2s13	22s50	2s 5	17s34	5n56	4s 8	0s32	6s57	1s11	18n21	1s55	17s15	0n19	17n41	1s44	21s27	13s56	2s44	2s 8	0n52	17s47	4n12
T 2	21 52	9 11	1 13	22 29	2 4	17 29	6 1	3 50	0 30	6 52	1 11	18 21	1 55	17 16	0 19	17 41	1 44	21 26	13 56	2 45	2 10	0 55	17 48	4 13
W 3	21 43	3 36	0 10	22 5	2 2	17 24	6 6	3 32	0 29	6 48	1 11	18 21	1 54	17 16	0 19	17 41	1 43	21 26	13 55	2 45	2 11	0 58	17 48	4 13
T 4	21 33	2n 3	0n53	21 40	2 0	17 20	6 10	3 14	0 28	6 43	1 11	18 20	1 54	17 17	0 19	17 41	1 43	21 25	13 55	2 45	2 12	1 2	17 48	4 14
F 5	21 22	7 38	1 54	21 14	1 57	17 16	6 14	2 55	0 27	6 39	1 10	18 20	1 54	17 18	0 19	17 41	1 43	21 24	13 55	2 45	2 14	1 5	17 49	4 14
S 6	21 11	12 59	2 50	20 46	1 54	17 13	6 17	2 37	0 26	6 34	1 10	18 20	1 53	17 18	0 19	17 41	1 43	21 24	13 55	2 45	2 15	1 9	17 49	4 15
S 7	21 0	17 56	3 40	20 16	1 50	17 11	6 19	2 19	0 25	6 29	1 10	18 20	1 53	17 19	0 19	17 40	1 43	21 23	13 55	2 45	2 16	1 12	17 50	4 15
M 8	20 49	22 15	4 20	19 45	1 46	17 9	6 20	2 0	0 24	6 25	1 10	18 20	1 53	17 19	0 19	17 40	1 43	21 22	13 54	2 46	2 17	1 16	17 50	4 15
T 9	20 37	25 40	4 49	19 12	1 40	17 8	6 22	1 42	0 23	6 20	1 10	18 20	1 53	17 20	0 19	17 40	1 43	21 22	13 54	2 48	2 19	1 19	17 50	4 16
W10	20 24	27 53	5 5	18 38	1 34	17 8	6 22	1 24	0 22	6 15	1 10	18 20	1 52	17 20	0 19	17 40	1 43	21 21	13 54	2 51	2 20	1 23	17 51	4 16
T 11	20 11	28 34	5 4	18 3	1 28	17 8	6 22	1 5	0 21	6 10	1 10	18 20	1 52	17 21	0 19	17 40	1 43	21 20	13 54	2 55	2 21	1 26	17 51	4 17
F 12	19 58	27 30	4 46	17 27	1 20	17 8	6 22	0 47	0 20	6 5	1 9	18 20	1 52	17 21	0 19	17 40	1 43	21 20	13 54	2 58	2 22	1 30	17 51	4 17
S 13	19 45	24 41	4 10	16 49	1 12	17 9	6 21	0 29	0 19	6 0	1 9	18 20	1 52	17 22	0 19	17 40	1 43	21 19	13 53	3 2	2 24	1 33	17 52	4 18
S 14	19 31	20 15	3 17	16 11	1 3	17 10	6 20	0 10	0 18	5 56	1 9	18 20	1 51	17 22	0 19	17 40	1 43	21 18	13 53	3 5	2 25	1 36	17 52	4 18
M15	19 17	14 35	2 11	15 32	0 53	17 12	6 18	0n 8	0 17	5 51	1 9	18 20	1 51	17 23	0 19	17 40	1 43	21 18	13 53	3 7	2 26	1 40	17 52	4 19
T 16	19 2	8 4	0 56	14 53	0 42	17 14	6 16	0 26	0 16	5 46	1 9	18 20	1 51	17 23	0 19	17 40	1 43	21 17	13 53	3 8	2 27	1 43	17 52	4 19
W17	18 47	1 10	0s22	14 14	0 31	17 16	6 14	0 44	0 15	5 41	1 9	18 20	1 51	17 23	0 19	17 40	1 43	21 16	13 53	3 8	2 29	1 47	17 52	4 20
T 18	18 32	5s45	1 39	13 34	0 18	17 19	6 11	1 3	0 14	5 36	1 9	18 21	1 50	17 24	0 19	17 40	1 43	21 16	13 53	3 7	2 30	1 50	17 53	4 20
F 19	18 16	12 17	2 48	12 55	0 5	17 21	6 8	1 21	0 14	5 30	1 9	18 21	1 50	17 24	0 19	17 40	1 43	21 15	13 53	3 7	2 31	1 54	17 53	4 21
S 20	18 0	18 5	3 46	12 17	0n 9	17 24	6 5	1 39	0 13	5 25	1 9	18 21	1 50	17 24	0 19	17 40	1 42	21 14	13 52	3 7	2 32	1 57	17 53	4 22
S 21	17 44	22 52	4 30	11 41	0 24	17 27	6 1	1 57	0 12	5 20	1 8	18 21	1 49	17 25	0 19	17 40	1 42	21 14	13 52	3 7	2 34	2 1	17 53	4 22
M22	17 27	26 19	4 58	11 5	0 39	17 31	5 58	2 15	0 11	5 15	1 8	18 21	1 49	17 25	0 19	17 40	1 42	21 13	13 52	3 8	2 35	2 4	17 53	4 23
T 23	17 10	28 15	5 10	10 32	0 55	17 34	5 54	2 33	0 10	5 10	1 8	18 22	1 49	17 25	0 19	17 40	1 42	21 12	13 52	3 10	2 36	2 7	17 53	4 23
W24	16 53	28 32	5 4	10 2	1 11	17 38	5 49	2 51	0 9	5 5	1 8	18 22	1 49	17 26	0 19	17 40	1 42	21 12	13 52	3 12	2 37	2 11	17 53	4 24
T 25	16 36	27 15	4 44	9 34	1 27	17 41	5 45	3 9	0 8	4 59	1 8	18 22	1 48	17 26	0 19	17 40	1 42	21 11	13 52	3 15	2 39	2 14	17 53	4 24
F 26	16 18	24 33	4 9	9 10	1 44	17 45	5 40	3 27	0 7	4 54	1 8	18 23	1 48	17 26	0 19	17 40	1 42	21 10	13 52	3 17	2 40	2 18	17 53	4 25
S 27	16 0	20 44	3 22	8 49	2 1	17 48	5 36	3 45	0 6	4 49	1 8	18 23	1 48	17 27	0 19	17 40	1 42	21 10	13 52	3 20	2 41	2 21	17 53	4 25
S 28	15 41	16 4	2 27	8 32	2 17	17 51	5 31	4 3	0 5	4 43	1 8	18 24	1 48	17 27	0 19	17 40	1 42	21 9	13 52	3 22	2 43	2 25	17 53	4 26
M29	15 23	10 50	1 26	8 20	2 32	17 55	5 26	4 20	0 4	4 38	1 8	18 24	1 47	17 27	0 19	17 40	1 42	21 8	13 51	3 23	2 44	2 28	17 53	4 27
T 30	15 4	5 16	0 22	8 12	2 47	17 58	5 20	4 38	0 4	4 33	1 8	18 25	1 47	17 27	0 19	17 40	1 42	21 8	13 51	3 24	2 45	2 32	17 53	4 27
W31	14s45	0n25	0n43	8s 9	3n 1	18s 1	5n15	4n56	0s 3	4s27	1s 8	18n25	1s47	17s27	0n19	17n40	1s42	21s 7	13s51	3s23	2s46	2n35	17s53	4n28

Julian Day Number = 2290847.5, Delta T = 158.62 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'01, Lahiri = 17°43'02 Julian Calendar 1 Jan. 1560 == Greg. Calendar 11 Jan. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

FEBRUARY 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 19 50	21♒20'05	11♈10	0°R53	8♋33	13♈16	21♓37	29♉48	19♏57	26♉ 5	8♓43	21♓30	22♓59	4♈18	12♐17	T 1
F 2	9 23 46	22°20'39	22°57	0♓ 8	9°14	13°59	21°51	29°49	19°58	26° 5	8°45	21°31	22°56	4°24	12°21	F 2
S 3	9 27 43	23°21'11	4♉48	29♒16	9°57	14°42	22° 4	29°51	19°59	26° 5	8°46	21°33	22°53	4°31	12°25	S 3
S 4	9 31 39	24°21'41	16°49	28°17	10°40	15°25	22°18	29°52	19°59	26° 6	8°48	21°34	22°49	4°38	12°28	S 4
M 5	9 35 36	25°22'09	29° 3	27°14	11°25	16° 8	22°32	29°54	20° 0	26° 6	8°49	21°R35	22°46	4°44	12°32	M 5
T 6	9 39 33	26°22'36	11♊36	26° 9	12°10	16°51	22°45	29°56	20° 0	26° 6	8°51	21°34	22°43	4°51	12°36	T 6
W 7	9 43 29	27°23'01	24°33	25° 2	12°57	17°33	22°59	29°57	20° 1	26° 7	8°52	21°31	22°40	4°58	12°39	W 7
T 8	9 47 26	28°23'23	7♋55	23°56	13°44	18°16	23°13	29°59	20° 1	26° 7	8°54	21°29	22°37	5° 4	12°43	T 8
F 9	9 51 22	29°23'44	21°44	22°53	14°32	18°59	23°27	0♊ 1	20° 1	26° 8	8°56	21°25	22°33	5°11	12°46	F 9
S 10	9 55 19	0♓24'03	5♌59	21°53	15°21	19°42	23°41	0° 3	20° 1	26° 8	8°57	21°22	22°30	5°18	12°50	S 10
S 11	9 59 15	1°24'20	20°36	20°58	16°11	20°24	23°55	0° 6	20° 2	26° 9	8°59	21°20	22°27	5°24	12°53	S 11
M12	10 3 12	2°24'35	5♍29	20° 8	17° 1	21° 7	24° 9	0° 8	20° 2	26° 9	9° 0	21°18	22°24	5°31	12°56	M12
T 13	10 7 9	3°24'48	20°30	19°24	17°52	21°50	24°23	0°11	20° 2	26°10	9° 2	21°D18	22°21	5°38	12°59	T 13
W14	10 11 5	4°24'59	5♎30	18°48	18°44	22°32	24°37	0°13	20°R 2	26°10	9° 4	21°18	22°18	5°44	13° 2	W14
T 15	10 15 2	5°25'09	20°21	18°18	19°37	23°15	24°51	0°16	20° 2	26°11	9° 5	21°19	22°14	5°51	13° 5	T 15
F 16	10 18 58	6°25'18	4♏56	17°55	20°30	23°57	25° 5	0°18	20° 2	26°12	9° 7	21°20	22°11	5°58	13° 7	F 16
S 17	10 22 55	7°25'24	19°13	17°40	21°24	24°40	25°19	0°21	20° 2	26°12	9° 8	21°21	22° 8	6° 4	13°10	S 17
S 18	10 26 51	8°25'30	3♐ 8	17°31	22°18	25°22	25°33	0°24	20° 1	26°13	9°10	21°R22	22° 5	6°11	13°13	S 18
M19	10 30 48	9°25'34	16°42	17°D28	23°13	26° 5	25°48	0°27	20° 1	26°14	9°12	21°22	22° 2	6°18	13°15	M19
T 20	10 34 44	10°25'36	29°56	17°32	24° 9	26°47	26° 2	0°31	20° 1	26°15	9°13	21°21	21°59	6°24	13°18	T 20
W21	10 38 41	11°25'36	12♑51	17°42	25° 5	27°30	26°16	0°34	20° 0	26°15	9°15	21°20	21°55	6°31	13°20	W21
T 22	10 42 38	12°25'35	25°31	17°58	26° 2	28°12	26°30	0°37	20° 0	26°16	9°16	21°19	21°52	6°37	13°22	T 22
F 23	10 46 34	13°25'32	7♒56	18°19	26°59	28°54	26°45	0°41	20° 0	26°17	9°18	21°18	21°49	6°44	13°24	F 23
S 24	10 50 31	14°25'27	20°10	18°46	27°57	29°36	26°59	0°44	19°59	26°18	9°20	21°17	21°46	6°51	13°26	S 24
S 25	10 54 27	15°25'21	2♓15	19°17	28°55	0♉19	27°14	0°48	19°59	26°19	9°21	21°16	21°43	6°57	13°28	S 25
M26	10 58 24	16°25'12	14°12	19°52	29°53	1° 1	27°28	0°52	19°58	26°20	9°23	21°16	21°39	7° 4	13°30	M26
T 27	11 2 20	17°25'01	26° 4	20°31	0♒52	1°43	27°42	0°56	19°57	26°21	9°24	21°D16	21°36	7°11	13°31	T 27
W28	11 6 17	18°24'49	7♈53	21°15	1°51	2°25	27°57	1° 0	19°57	26°22	9°26	21°16	21°33	7°17	13°33	W28
T 29	11 10 13	19♓24'34	19♈40	22♒ 2	2♒51	3♉ 7	28♓11	1♊ 4	19♏56	26♉23	9♓27	21♓16	21♓30	7♈24	13♐35	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	6n 3	1n46	8s11	3n13	18s 4	5n10	5n13	0s 2	4s22	1s 7	18n26	1s46	17s28	0n19	17n40	1s42	21s 6	13s51	3s23	2s48	2n38	17s53	4n28
F 2	14 6	11 29	2 44	8 17	3 23	18 7	5 4	5 31	0 1	4 16	1 7	18 26	1 46	17 28	0 19	17 41	1 42	21 6	13 51	3 22	2 49	2 42	17 53	4 29
S 3	13 46	16 33	3 36	8 27	3 32	18 10	4 59	5 48	0 0	4 11	1 7	18 27	1 46	17 28	0 19	17 41	1 42	21 5	13 51	3 21	2 50	2 45	17 53	4 29
S 4	13 26	21 2	4 19	8 41	3 39	18 12	4 53	6 6	0n 1	4 6	1 7	18 27	1 46	17 28	0 19	17 41	1 42	21 4	13 51	3 21	2 51	2 49	17 53	4 30
M 5	13 6	24 44	4 51	8 58	3 43	18 14	4 47	6 23	0 2	4 0	1 7	18 28	1 45	17 28	0 19	17 41	1 41	21 4	13 51	3 21	2 53	2 52	17 53	4 31
T 6	12 45	27 21	5 10	9 18	3 45	18 16	4 41	6 40	0 2	3 55	1 7	18 28	1 45	17 28	0 19	17 41	1 41	21 3	13 51	3 21	2 54	2 56	17 53	4 31
W 7	12 25	28 37	5 14	9 41	3 45	18 18	4 35	6 57	0 3	3 49	1 7	18 29	1 45	17 28	0 19	17 41	1 41	21 2	13 51	3 22	2 55	2 59	17 53	4 32
T 8	12 4	28 17	5 2	10 5	3 42	18 20	4 29	7 15	0 4	3 43	1 7	18 30	1 45	17 29	0 19	17 41	1 41	21 2	13 51	3 23	2 56	3 3	17 52	4 32
F 9	11 43	26 13	4 32	10 30	3 38	18 21	4 23	7 32	0 5	3 38	1 7	18 30	1 44	17 29	0 19	17 42	1 41	21 1	13 51	3 25	2 58	3 6	17 52	4 33
S 10	11 22	22 27	3 45	10 55	3 31	18 22	4 17	7 49	0 6	3 32	1 7	18 31	1 44	17 29	0 19	17 42	1 41	21 1	13 51	3 26	2 59	3 9	17 52	4 34
S 11	11 0	17 13	2 42	11 20	3 23	18 22	4 11	8 5	0 6	3 27	1 7	18 32	1 44	17 29	0 20	17 42	1 41	21 0	13 51	3 27	3 0	3 13	17 52	4 34
M12	10 39	10 52	1 26	11 45	3 13	18 22	4 5	8 22	0 7	3 21	1 7	18 33	1 44	17 29	0 20	17 42	1 41	20 59	13 51	3 27	3 1	3 16	17 52	4 35
T 13	10 17	3 50	0 4	12 9	3 2	18 22	3 58	8 39	0 8	3 15	1 7	18 33	1 43	17 29	0 20	17 42	1 41	20 59	13 51	3 28	3 3	3 20	17 51	4 36
W14	9 55	3s23	1s18	12 32	2 51	18 21	3 52	8 56	0 9	3 10	1 7	18 34	1 43	17 29	0 20	17 42	1 41	20 58	13 51	3 27	3 4	3 23	17 51	4 36
T 15	9 33	10 21	2 34	12 53	2 38	18 20	3 46	9 12	0 10	3 4	1 7	18 35	1 43	17 29	0 20	17 43	1 41	20 57	13 51	3 27	3 5	3 27	17 51	4 37
F 16	9 11	16 38	3 39	13 12	2 25	18 19	3 39	9 29	0 10	2 59	1 7	18 36	1 42	17 29	0 20	17 43	1 41	20 57	13 51	3 27	3 6	3 30	17 50	4 37
S 17	8 48	21 52	4 29	13 30	2 11	18 17	3 33	9 45	0 11	2 53	1 6	18 37	1 42	17 29	0 20	17 43	1 41	20 56	13 51	3 26	3 8	3 33	17 50	4 38
S 18	8 26	25 46	5 1	13 46	1 57	18 15	3 27	10 1	0 12	2 47	1 6	18 38	1 42	17 29	0 20	17 43	1 41	20 56	13 51	3 26	3 9	3 37	17 50	4 39
M19	8 3	28 4	5 16	13 59	1 44	18 12	3 20	10 17	0 13	2 41	1 6	18 38	1 42	17 29	0 20	17 44	1 41	20 55	13 51	3 26	3 10	3 40	17 49	4 39
T 20	7 41	28 43	5 13	14 11	1 30	18 9	3 14	10 33	0 13	2 36	1 6	18 39	1 41	17 28	0 20	17 44	1 41	20 54	13 51	3 26	3 11	3 44	17 49	4 40
W21	7 18	27 46	4 55	14 21	1 16	18 5	3 8	10 49	0 14	2 30	1 6	18 40	1 41	17 28	0 20	17 44	1 40	20 54	13 51	3 27	3 13	3 47	17 49	4 41
T 22	6 55	25 23	4 22	14 30	1 2	18 1	3 2	11 5	0 15	2 24	1 6	18 41	1 41	17 28	0 20	17 44	1 40	20 53	13 51	3 27	3 14	3 51	17 48	4 41
F 23	6 32	21 50	3 38	14 36	0 49	17 57	2 55	11 21	0 15	2 19	1 6	18 42	1 41	17 28	0 20	17 45	1 40	20 53	13 51	3 28	3 15	3 54	17 48	4 42
S 24	6 9	17 23	2 44	14 40	0 36	17 52	2 49	11 37	0 16	2 13	1 6	18 43	1 40	17 28	0 20	17 45	1 40	20 52	13 51	3 28	3 16	3 57	17 48	4 43
S 25	5 46	12 19	1 44	14 42	0 24	17 47	2 43	11 52	0 17	2 7	1 6	18 44	1 40	17 28	0 20	17 45	1 40	20 52	13 51	3 28	3 18	4 1	17 47	4 43
M26	5 22	6 50	0 39	14 43	0 11	17 41	2 36	12 8	0 18	2 1	1 6	18 45	1 40	17 28	0 20	17 45	1 40	20 51	13 51	3 28	3 19	4 4	17 47	4 44
T 27	4 59	1 9	0n27	14 42	0s 1	17 34	2 30	12 23	0 18	1 56	1 6	18 46	1 40	17 27	0 20	17 46	1 40	20 50	13 51	3 28	3 20	4 8	17 46	4 45
W28	4 36	4n32	1 31	14 39	0 12	17 27	2 24	12 38	0 19	1 50	1 6	18 47	1 39	17 27	0 20	17 46	1 40	20 50	13 51	3 28	3 22	4 11	17 46	4 45
T 29	4s12	10n 3	2n31	14s34	0s23	17s20	2n18	12n53	0n20	1s44	1s 6	18n48	1s39	17s27	0n20	17n46	1s40	20s49	13s51	3s28	3s23	4n14	17s45	4n46

Julian Day Number = 2290878.5, Delta T = 158.44 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'06, Lahiri = 17°43'06 Julian Calendar 1 Feb. 1560 == Greg. Calendar 11 Feb. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

MARCH 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 14 10	20♓24'17	1♉29	22♒52	3♒51	3♉49	28♓26	1♊ 8	19°R55	26♉24	9♓29	21♓16	21♓27	7♈31	13♐36	F 1
S 2	11 18 6	21°23'58	13°22	23°46	4°51	4°31	28°40	1°12	19♏54	26°25	9°31	21°R16	21°24	7°37	13°37	S 2
S 3	11 22 3	22°23'37	25°24	24°42	5°52	5°13	28°55	1°16	19°53	26°27	9°32	21°16	21°20	7°44	13°38	S 3
M 4	11 26 0	23°23'14	7♊38	25°42	6°53	5°55	29° 9	1°21	19°52	26°28	9°34	21°16	21°17	7°51	13°40	M 4
T 5	11 29 56	24°22'48	20° 8	26°44	7°55	6°37	29°24	1°25	19°51	26°29	9°35	21°D16	21°14	7°57	13°40	T 5
W 6	11 33 53	25°22'20	2♋59	27°48	8°56	7°19	29°38	1°30	19°50	26°30	9°37	21°16	21°11	8° 4	13°41	W 6
T 7	11 37 49	26°21'50	16°13	28°55	9°58	8° 0	29°53	1°34	19°49	26°32	9°38	21°16	21° 8	8°11	13°42	T 7
F 8	11 41 46	27°21'17	29°54	0♓ 4	11° 1	8°42	0♈ 7	1°39	19°48	26°33	9°40	21°17	21° 5	8°17	13°43	F 8
S 9	11 45 42	28°20'42	14♌ 1	1°15	12° 3	9°24	0°22	1°44	19°47	26°34	9°42	21°17	21° 1	8°24	13°43	S 9
S 10	11 49 39	29°20'05	28°34	2°29	13° 6	10° 6	0°36	1°49	19°45	26°36	9°43	21°18	20°58	8°31	13°44	S 10
M11	11 53 35	0♈19'25	13♍28	3°44	14° 9	10°47	0°51	1°54	19°44	26°37	9°45	21°18	20°55	8°37	13°44	M11
T 12	11 57 32	1°18'43	28°37	5° 2	15°13	11°29	1° 5	1°59	19°43	26°38	9°46	21°R18	20°52	8°44	13°45	T 12
W13	12 1 29	2°17'59	13♎51	6°21	16°16	12°10	1°20	2° 4	19°41	26°40	9°48	21°18	20°49	8°50	13°45	W13
T 14	12 5 25	3°17'13	29° 0	7°42	17°20	12°52	1°34	2° 9	19°40	26°41	9°49	21°17	20°45	8°57	13°R45	T 14
F 15	12 9 22	4°16'26	13♏55	9° 4	18°24	13°33	1°49	2°15	19°38	26°43	9°51	21°15	20°42	9° 4	13°45	F 15
S 16	12 13 18	5°15'36	28°30	10°29	19°29	14°15	2° 3	2°20	19°37	26°44	9°52	21°13	20°39	9°10	13°45	S 16
S 17	12 17 15	6°14'45	12♐39	11°55	20°33	14°56	2°18	2°25	19°35	26°46	9°54	21°12	20°36	9°17	13°45	S 17
M18	12 21 11	7°13'52	26°21	13°22	21°38	15°38	2°32	2°31	19°34	26°48	9°55	21°11	20°33	9°24	13°44	M18
T 19	12 25 8	8°12'57	9♑37	14°52	22°43	16°19	2°47	2°36	19°32	26°49	9°56	21°D11	20°30	9°30	13°44	T 19
W20	12 29 4	9°12'00	22°29	16°22	23°48	17° 0	3° 1	2°42	19°30	26°51	9°58	21°11	20°26	9°37	13°43	W20
T 21	12 33 1	10°11'02	5♒ 1	17°55	24°54	17°42	3°16	2°48	19°29	26°52	9°59	21°12	20°23	9°44	13°43	T 21
F 22	12 36 58	11°10'02	17°17	19°29	25°59	18°23	3°30	2°54	19°27	26°54	10° 1	21°14	20°20	9°50	13°42	F 22
S 23	12 40 54	12° 8'59	29°20	21° 4	27° 5	19° 4	3°44	3° 0	19°25	26°56	10° 2	21°15	20°17	9°57	13°41	S 23
S 24	12 44 51	13° 7'55	11♓15	22°41	28°11	19°45	3°59	3° 5	19°23	26°57	10° 3	21°16	20°14	10° 4	13°40	S 24
M25	12 48 47	14° 6'49	23° 5	24°20	29°17	20°26	4°13	3°11	19°21	26°59	10° 5	21°R17	20°10	10°10	13°39	M25
T 26	12 52 44	15° 5'41	4♈52	26° 0	0♓23	21° 7	4°28	3°18	19°20	27° 1	10° 6	21°16	20° 7	10°17	13°38	T 26
W27	12 56 40	16° 4'32	16°40	27°42	1°30	21°48	4°42	3°24	19°18	27° 3	10° 8	21°14	20° 4	10°24	13°37	W27
T 28	13 0 37	17° 3'20	28°29	29°25	2°36	22°29	4°56	3°30	19°16	27° 5	10° 9	21°11	20° 1	10°30	13°36	T 28
F 29	13 4 33	18° 2'06	10♉23	1♈ 9	3°43	23°10	5°11	3°36	19°14	27° 6	10°10	21° 7	19°58	10°37	13°35	F 29
S 30	13 8 30	19° 0'50	22°24	2°56	4°50	23°51	5°25	3°42	19°12	27° 8	10°12	21° 2	19°55	10°44	13°33	S 30
S 31	13 12 27	19♈59'32	4♊32	4♈44	5♓57	24♉32	5♈39	3♊49	19♏10	27♉10	10♓13	20♓57	19♓51	10♈50	13♐32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s49	15n14	3n26	14s27	0s34	17s12	2n12	13n 8	0n20	1s38	1s 6	18n49	1s39	17s27	0n20	17n47	1s40	20s49	13s51	3s28	3s24	4n18	17s45	4n47
S 2	3 25	19 53	4 11	14 19	0 44	17 4	2 6	13 23	0 21	1 32	1 6	18 50	1 39	17 27	0 20	17 47	1 40	20 48	13 52	3 28	3 25	4 21	17 44	4 47
S 3	3 2	23 47	4 46	14 9	0 53	16 55	2 0	13 38	0 22	1 27	1 6	18 52	1 38	17 26	0 20	17 47	1 40	20 48	13 52	3 28	3 27	4 25	17 44	4 48
M 4	2 38	26 43	5 9	13 58	1 2	16 46	1 53	13 53	0 22	1 21	1 6	18 53	1 38	17 26	0 20	17 48	1 40	20 47	13 52	3 28	3 28	4 28	17 43	4 49
T 5	2 14	28 25	5 18	13 45	1 11	16 36	1 48	14 7	0 23	1 15	1 6	18 54	1 38	17 26	0 20	17 48	1 40	20 47	13 52	3 28	3 29	4 32	17 43	4 49
W 6	1 51	28 39	5 11	13 31	1 19	16 26	1 42	14 21	0 24	1 9	1 6	18 55	1 38	17 25	0 20	17 48	1 40	20 46	13 52	3 28	3 30	4 35	17 42	4 50
T 7	1 27	27 17	4 48	13 15	1 27	16 15	1 36	14 36	0 24	1 3	1 6	18 56	1 38	17 25	0 20	17 49	1 40	20 46	13 52	3 28	3 32	4 38	17 42	4 51
F 8	1 3	24 16	4 9	12 57	1 35	16 4	1 30	14 50	0 25	0 58	1 6	18 57	1 37	17 25	0 20	17 49	1 40	20 45	13 52	3 28	3 33	4 42	17 41	4 51
S 9	0 40	19 44	3 13	12 38	1 41	15 53	1 24	15 4	0 25	0 52	1 6	18 58	1 37	17 25	0 20	17 49	1 40	20 45	13 52	3 28	3 34	4 45	17 40	4 52
S 10	0 16	13 55	2 3	12 18	1 48	15 40	1 18	15 18	0 26	0 46	1 6	19 0	1 37	17 24	0 20	17 50	1 39	20 44	13 53	3 28	3 35	4 49	17 40	4 53
M11	0n 8	7 11	0 43	11 56	1 54	15 28	1 13	15 31	0 27	0 40	1 6	19 1	1 37	17 24	0 20	17 50	1 39	20 44	13 53	3 27	3 37	4 52	17 39	4 53
T 12	0 31	0s 4	0s40	11 32	1 59	15 15	1 7	15 45	0 27	0 35	1 6	19 2	1 36	17 23	0 20	17 51	1 39	20 43	13 53	3 27	3 38	4 55	17 39	4 54
W13	0 55	7 21	2 2	11 8	2 4	15 1	1 1	15 58	0 28	0 29	1 6	19 3	1 36	17 23	0 20	17 51	1 39	20 43	13 53	3 28	3 39	4 59	17 38	4 55
T 14	1 19	14 10	3 14	10 42	2 9	14 47	0 56	16 11	0 29	0 23	1 6	19 5	1 36	17 23	0 20	17 51	1 39	20 43	13 53	3 28	3 40	5 2	17 37	4 55
F 15	1 42	20 4	4 12	10 14	2 13	14 33	0 51	16 25	0 29	0 17	1 6	19 6	1 36	17 22	0 20	17 52	1 39	20 42	13 53	3 29	3 42	5 6	17 37	4 56
S 16	2 6	24 37	4 52	9 45	2 16	14 18	0 45	16 38	0 30	0 11	1 6	19 7	1 36	17 22	0 20	17 52	1 39	20 42	13 53	3 29	3 43	5 9	17 36	4 57
S 17	2 29	27 33	5 13	9 15	2 19	14 3	0 40	16 50	0 30	0 6	1 6	19 8	1 35	17 21	0 20	17 52	1 39	20 41	13 54	3 30	3 44	5 12	17 35	4 57
M18	2 53	28 42	5 15	8 44	2 22	13 47	0 35	17 3	0 31	0n 0	1 6	19 10	1 35	17 21	0 20	17 53	1 39	20 41	13 54	3 30	3 45	5 16	17 35	4 58
T 19	3 16	28 9	5 0	8 11	2 24	13 31	0 29	17 16	0 31	0 6	1 6	19 11	1 35	17 21	0 20	17 53	1 39	20 40	13 54	3 30	3 47	5 19	17 34	4 59
W20	3 39	26 4	4 31	7 37	2 25	13 14	0 24	17 28	0 32	0 12	1 6	19 12	1 35	17 20	0 20	17 54	1 39	20 40	13 54	3 30	3 48	5 23	17 33	4 59
T 21	4 3	22 45	3 49	7 2	2 27	12 57	0 19	17 40	0 33	0 17	1 6	19 13	1 35	17 20	0 20	17 54	1 39	20 40	13 54	3 30	3 49	5 26	17 32	5 0
F 22	4 26	18 30	2 57	6 26	2 27	12 40	0 14	17 52	0 33	0 23	1 6	19 15	1 34	17 19	0 20	17 55	1 39	20 39	13 54	3 29	3 50	5 29	17 32	5 1
S 23	4 49	13 35	1 58	5 48	2 27	12 22	0 10	18 4	0 34	0 29	1 6	19 16	1 34	17 19	0 20	17 55	1 39	20 39	13 55	3 29	3 52	5 33	17 31	5 1
S 24	5 12	8 13	0 55	5 9	2 27	12 4	0 5	18 16	0 34	0 34	1 6	19 17	1 34	17 18	0 20	17 55	1 39	20 39	13 55	3 28	3 53	5 36	17 30	5 2
M25	5 35	2 36	0n10	4 29	2 26	11 45	0 0	18 28	0 35	0 40	1 6	19 19	1 34	17 18	0 20	17 56	1 39	20 38	13 55	3 28	3 54	5 40	17 29	5 2
T 26	5 58	3n 4	1 14	3 48	2 25	11 26	0s 5	18 39	0 35	0 46	1 6	19 20	1 34	17 17	0 20	17 56	1 39	20 38	13 55	3 28	3 55	5 43	17 29	5 3
W27	6 20	8 39	2 15	3 6	2 23	11 7	0 9	18 50	0 36	0 51	1 6	19 21	1 33	17 17	0 20	17 57	1 39	20 38	13 56	3 29	3 57	5 46	17 28	5 4
T 28	6 43	13 56	3 11	2 23	2 20	10 47	0 13	19 1	0 36	0 57	1 6	19 23	1 33	17 16	0 20	17 57	1 39	20 37	13 56	3 30	3 58	5 50	17 27	5 4
F 29	7 5	18 44	3 58	1 38	2 17	10 27	0 18	19 12	0 37	1 3	1 6	19 24	1 33	17 16	0 20	17 58	1 39	20 37	13 56	3 32	3 59	5 53	17 26	5 5
S 30	7 28	22 50	4 35	0 53	2 14	10 6	0 22	19 23	0 37	1 8	1 6	19 26	1 33	17 15	0 20	17 58	1 39	20 37	13 56	3 34	4 0	5 56	17 26	5 6
S 31	7n50	26n 1	5n 0	0s 6	2s10	9s46	0s26	19n34	0n38	1n14	1s 6	19n27	1s33	17s14	0n20	17n59	1s39	20s36	13s56	3s36	4s 2	6n 0	17s25	5n 6

Julian Day Number = 2290907.5, Delta T = 158.28 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'10, Lahiri = 17°43'10 Julian Calendar 1 March 1560 == Greg. Calendar 11 March 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

APRIL 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 16 23	20♈58'12	16♊52	6♈33	7♓ 4	25♉13	5♈53	3♊55	19°R 7	27♉12	10♓14	20°R52	19♓48	10♈57	13°R30	M 1
T 2	13 20 20	21°56'50	29°25	8°24	8°11	25°54	6° 8	4° 2	19♏ 5	27°14	10°15	20♓49	19°45	11° 4	13♐28	T 2
W 3	13 24 16	22°55'25	12♋14	10°17	9°19	26°35	6°22	4° 8	19° 3	27°16	10°17	20°47	19°42	11°10	13°26	W 3
T 4	13 28 13	23°53'58	25°23	12°11	10°26	27°16	6°36	4°15	19° 1	27°18	10°18	20°D47	19°39	11°17	13°25	T 4
F 5	13 32 9	24°52'29	8♌54	14° 7	11°34	27°56	6°50	4°21	18°59	27°20	10°19	20°47	19°36	11°24	13°23	F 5
S 6	13 36 6	25°50'58	22°49	16° 4	12°42	28°37	7° 4	4°28	18°57	27°22	10°20	20°49	19°32	11°30	13°20	S 6
S 7	13 40 2	26°49'25	7♍ 8	18° 3	13°50	29°18	7°18	4°35	18°54	27°24	10°22	20°50	19°29	11°37	13°18	S 7
M 8	13 43 59	27°47'49	21°49	20° 3	14°58	29°58	7°32	4°42	18°52	27°26	10°23	20°R51	19°26	11°43	13°16	M 8
T 9	13 47 56	28°46'11	6♎49	22° 5	16° 6	0♊39	7°46	4°48	18°50	27°28	10°24	20°50	19°23	11°50	13°14	T 9
W10	13 51 52	29°44'31	21°59	24° 9	17°14	1°19	8° 0	4°55	18°47	27°30	10°25	20°47	19°20	11°57	13°11	W10
T 11	13 55 49	0♉42'50	7♏10	26°13	18°22	2° 0	8°14	5° 2	18°45	27°32	10°26	20°43	19°16	12° 3	13° 9	T 11
F 12	13 59 45	1°41'07	22°13	28°19	19°31	2°40	8°28	5° 9	18°43	27°34	10°27	20°37	19°13	12°10	13° 6	F 12
S 13	14 3 42	2°39'22	6♐58	0♉26	20°39	3°21	8°42	5°16	18°40	27°36	10°28	20°31	19°10	12°17	13° 4	S 13
S 14	14 7 38	3°37'35	21°18	2°34	21°48	4° 1	8°56	5°23	18°38	27°38	10°29	20°25	19° 7	12°23	13° 1	S 14
M15	14 11 35	4°35'47	5♑ 9	4°43	22°56	4°42	9°10	5°30	18°36	27°40	10°30	20°20	19° 4	12°30	12°58	M15
T 16	14 15 31	5°33'58	18°32	6°52	24° 5	5°22	9°23	5°37	18°33	27°42	10°31	20°16	19° 1	12°37	12°55	T 16
W17	14 19 28	6°32'07	1♒27	9° 2	25°14	6° 2	9°37	5°45	18°31	27°44	10°32	20°D15	18°57	12°43	12°52	W17
T 18	14 23 25	7°30'14	14° 0	11°12	26°23	6°42	9°51	5°52	18°28	27°46	10°33	20°15	18°54	12°50	12°49	T 18
F 19	14 27 21	8°28'20	26°13	13°21	27°32	7°23	10° 4	5°59	18°26	27°48	10°34	20°16	18°51	12°57	12°46	F 19
S 20	14 31 18	9°26'25	8♓13	15°31	28°41	8° 3	10°18	6° 6	18°23	27°51	10°35	20°17	18°48	13° 3	12°43	S 20
S 21	14 35 14	10°24'28	20° 4	17°39	29°50	8°43	10°32	6°14	18°21	27°53	10°36	20°R18	18°45	13°10	12°40	S 21
M22	14 39 11	11°22'29	1♈51	19°46	1♈ 0	9°23	10°45	6°21	18°18	27°55	10°37	20°17	18°42	13°17	12°37	M22
T 23	14 43 7	12°20'29	13°37	21°53	2° 9	10° 3	10°58	6°28	18°16	27°57	10°38	20°14	18°38	13°23	12°34	T 23
W24	14 47 4	13°18'28	25°27	23°57	3°18	10°43	11°12	6°36	18°13	27°59	10°39	20° 9	18°35	13°30	12°30	W24
T 25	14 51 0	14°16'25	7♉22	26° 0	4°28	11°23	11°25	6°43	18°11	28° 1	10°40	20° 2	18°32	13°37	12°27	T 25
F 26	14 54 57	15°14'21	19°25	28° 0	5°38	12° 3	11°38	6°51	18° 8	28° 4	10°41	19°52	18°29	13°43	12°23	F 26
S 27	14 58 54	16°12'15	1♊36	29°58	6°47	12°43	11°52	6°58	18° 6	28° 6	10°41	19°42	18°26	13°50	12°20	S 27
S 28	15 2 50	17°10'08	13°57	1♊54	7°57	13°23	12° 5	7° 6	18° 3	28° 8	10°42	19°31	18°22	13°57	12°16	S 28
M29	15 6 47	18° 7'59	26°29	3°47	9° 7	14° 3	12°18	7°13	18° 1	28°10	10°43	19°22	18°19	14° 3	12°12	M29
T 30	15 10 43	19♉ 5'48	9♋13	5♊37	10♈16	14♊43	12♈31	7♊21	17♏58	28♉13	10♓44	19♓14	18♓16	14♈10	12♐ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n12	28n 1	5n12	0n41	2s 5	9s24	0s30	19n44	0n38	1n20	1s 7	19n28	1s32	17s14	0n20	17n59	1s38	20s36	13s57	3s38	4s 3	6n 3	17s24	5n 7
T 2	8 34	28 39	5 9	1 30	2 0	9 3	0 34	19 54	0 39	1 25	1 7	19 30	1 32	17 13	0 20	17 59	1 38	20 36	13 57	3 39	4 4	6 7	17 23	5 8
W 3	8 56	27 46	4 51	2 19	1 55	8 41	0 38	20 5	0 39	1 31	1 7	19 31	1 32	17 13	0 20	18 0	1 38	20 36	13 57	3 40	4 5	6 10	17 22	5 8
T 4	9 18	25 20	4 18	3 9	1 49	8 19	0 42	20 15	0 40	1 36	1 7	19 32	1 32	17 12	0 20	18 0	1 38	20 35	13 57	3 40	4 7	6 13	17 22	5 9
F 5	9 39	21 26	3 29	4 0	1 42	7 57	0 46	20 24	0 40	1 42	1 7	19 34	1 32	17 11	0 20	18 1	1 38	20 35	13 58	3 40	4 8	6 17	17 21	5 9
S 6	10 1	16 16	2 27	4 52	1 36	7 34	0 50	20 34	0 41	1 47	1 7	19 35	1 32	17 11	0 20	18 1	1 38	20 35	13 58	3 39	4 9	6 20	17 20	5 10
S 7	10 22	10 4	1 14	5 44	1 28	7 12	0 53	20 43	0 41	1 53	1 7	19 37	1 31	17 10	0 20	18 2	1 38	20 35	13 58	3 38	4 10	6 23	17 19	5 10
M 8	10 43	3 10	0s 5	6 37	1 20	6 49	0 57	20 52	0 42	1 58	1 7	19 38	1 31	17 10	0 20	18 2	1 38	20 34	13 58	3 38	4 12	6 27	17 18	5 11
T 9	11 4	4s 2	1 26	7 31	1 12	6 25	1 0	21 1	0 42	2 4	1 7	19 39	1 31	17 9	0 20	18 3	1 38	20 34	13 59	3 39	4 13	6 30	17 17	5 12
W10	11 25	11 5	2 41	8 25	1 3	6 2	1 3	21 10	0 43	2 9	1 7	19 41	1 31	17 8	0 20	18 3	1 38	20 34	13 59	3 40	4 14	6 34	17 16	5 12
T 11	11 45	17 29	3 45	9 19	0 54	5 38	1 6	21 19	0 43	2 15	1 7	19 42	1 31	17 8	0 20	18 4	1 38	20 34	13 59	3 41	4 15	6 37	17 16	5 13
F 12	12 5	22 45	4 33	10 13	0 44	5 14	1 10	21 27	0 44	2 20	1 7	19 44	1 31	17 7	0 20	18 4	1 38	20 34	14 0	3 44	4 17	6 40	17 15	5 13
S 13	12 25	26 28	5 1	11 7	0 35	4 49	1 13	21 36	0 44	2 26	1 7	19 45	1 31	17 6	0 20	18 5	1 38	20 33	14 0	3 46	4 18	6 44	17 14	5 14
S 14	12 45	28 22	5 10	12 1	0 24	4 25	1 15	21 44	0 44	2 31	1 7	19 46	1 30	17 6	0 20	18 5	1 38	20 33	14 0	3 49	4 19	6 47	17 13	5 14
M15	13 5	28 23	4 59	12 54	0 14	4 0	1 18	21 52	0 45	2 36	1 7	19 48	1 30	17 5	0 20	18 6	1 38	20 33	14 0	3 51	4 20	6 50	17 12	5 15
T 16	13 25	26 43	4 33	13 47	0 4	3 36	1 21	22 0	0 45	2 42	1 8	19 49	1 30	17 4	0 20	18 6	1 38	20 33	14 1	3 52	4 22	6 54	17 11	5 16
W17	13 44	23 41	3 53	14 39	0n 7	3 11	1 24	22 7	0 46	2 47	1 8	19 51	1 30	17 4	0 20	18 7	1 38	20 33	14 1	3 52	4 23	6 57	17 10	5 16
T 18	14 3	19 36	3 4	15 30	0 18	2 45	1 26	22 14	0 46	2 52	1 8	19 52	1 30	17 3	0 20	18 7	1 38	20 33	14 1	3 52	4 24	7 0	17 9	5 17
F 19	14 22	14 48	2 6	16 20	0 28	2 20	1 28	22 22	0 47	2 58	1 8	19 53	1 30	17 2	0 20	18 8	1 38	20 33	14 2	3 52	4 25	7 4	17 9	5 17
S 20	14 40	9 31	1 5	17 9	0 39	1 55	1 31	22 29	0 47	3 3	1 8	19 55	1 30	17 2	0 20	18 8	1 38	20 33	14 2	3 51	4 27	7 7	17 8	5 18
S 21	14 59	3 58	0 1	17 55	0 49	1 29	1 33	22 35	0 47	3 8	1 8	19 56	1 29	17 1	0 20	18 9	1 38	20 33	14 2	3 51	4 28	7 10	17 7	5 18
M22	15 17	1n41	1n 2	18 40	0 59	1 3	1 35	22 42	0 48	3 13	1 8	19 57	1 29	17 0	0 20	18 9	1 38	20 32	14 3	3 52	4 29	7 14	17 6	5 19
T 23	15 35	7 16	2 2	19 23	1 9	0 38	1 37	22 48	0 48	3 19	1 8	19 59	1 29	17 0	0 20	18 10	1 38	20 32	14 3	3 53	4 30	7 17	17 5	5 19
W24	15 52	12 37	2 57	20 4	1 18	0 12	1 39	22 55	0 49	3 24	1 8	20 0	1 29	16 59	0 20	18 10	1 38	20 32	14 3	3 55	4 32	7 20	17 4	5 20
T 25	16 10	17 33	3 45	20 43	1 27	0n14	1 41	23 1	0 49	3 29	1 8	20 2	1 29	16 58	0 20	18 11	1 38	20 32	14 4	3 58	4 33	7 24	17 3	5 20
F 26	16 27	21 51	4 23	21 19	1 35	0 40	1 42	23 6	0 49	3 34	1 8	20 3	1 29	16 58	0 20	18 11	1 38	20 32	14 4	4 1	4 34	7 27	17 2	5 20
S 27	16 44	25 15	4 50	21 52	1 43	1 6	1 44	23 12	0 50	3 39	1 8	20 4	1 29	16 57	0 20	18 12	1 38	20 32	14 4	4 5	4 35	7 30	17 1	5 21
S 28	17 0	27 33	5 3	22 23	1 50	1 33	1 46	23 17	0 50	3 44	1 9	20 6	1 28	16 56	0 20	18 12	1 38	20 32	14 5	4 9	4 37	7 34	17 1	5 21
M29	17 16	28 29	5 2	22 52	1 56	1 59	1 47	23 23	0 50	3 49	1 9	20 7	1 28	16 56	0 20	18 13	1 38	20 32	14 5	4 13	4 38	7 37	17 0	5 22
T 30	17n32	27n56	4n46	23n18	2n 2	2n25	1s48	23n28	0n51	3n54	1s 9	20n 8	1s28	16s55	0n20	18n13	1s38	20s32	14s 5	4s16	4s39	7n40	16s59	5n22

Julian Day Number = 2290938.5, Delta T = 158.10 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'14, Lahiri = 17°43'14 Julian Calendar 1 Apr. 1560 == Greg. Calendar 11 Apr. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

MAY 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 14 40	20♉ 3'36	22♋ 9	7♊24	11♈26	15♊23	12♈44	7♊29	17°R56	28♉15	10♓45	19°R 8	18♓13	14♈17	12°R 5	W 1
T 2	15 18 36	21° 1'22	5♌21	9° 9	12°36	16° 3	12°57	7°36	17♏53	28°17	10°45	19♓ 5	18°10	14°23	12♐ 1	T 2
F 3	15 22 33	21°59'07	18°49	10°50	13°46	16°43	13° 9	7°44	17°51	28°19	10°46	19°D 4	18° 7	14°30	11°57	F 3
S 4	15 26 29	22°56'49	2♍36	12°28	14°56	17°23	13°22	7°51	17°48	28°21	10°47	19° 4	18° 3	14°37	11°53	S 4
S 5	15 30 26	23°54'30	16°41	14° 2	16° 6	18° 2	13°35	7°59	17°46	28°24	10°47	19°R 5	18° 0	14°43	11°50	S 5
M 6	15 34 23	24°52'09	1♎ 6	15°34	17°17	18°42	13°47	8° 7	17°43	28°26	10°48	19° 4	17°57	14°50	11°46	M 6
T 7	15 38 19	25°49'47	15°47	17° 2	18°27	19°22	14° 0	8°15	17°41	28°28	10°48	19° 2	17°54	14°57	11°42	T 7
W 8	15 42 16	26°47'23	0♏39	18°27	19°37	20° 1	14°12	8°22	17°38	28°30	10°49	18°57	17°51	15° 3	11°38	W 8
T 9	15 46 12	27°44'58	15°37	19°48	20°47	20°41	14°25	8°30	17°36	28°33	10°50	18°49	17°48	15°10	11°34	T 9
F 10	15 50 9	28°42'32	0♐30	21° 6	21°58	21°21	14°37	8°38	17°33	28°35	10°50	18°40	17°44	15°17	11°30	F 10
S 11	15 54 5	29°40'05	15°10	22°20	23° 8	22° 0	14°49	8°46	17°31	28°37	10°51	18°30	17°41	15°23	11°25	S 11
S 12	15 58 2	0♊37'36	29°29	23°31	24°19	22°40	15° 2	8°53	17°29	28°39	10°51	18°19	17°38	15°30	11°21	S 12
M13	16 1 58	1°35'07	13♑23	24°38	25°29	23°19	15°14	9° 1	17°26	28°42	10°51	18°10	17°35	15°37	11°17	M13
T 14	16 5 55	2°32'37	26°49	25°42	26°40	23°59	15°26	9° 9	17°24	28°44	10°52	18° 4	17°32	15°43	11°13	T 14
W15	16 9 52	3°30'05	9♒48	26°42	27°50	24°38	15°38	9°17	17°21	28°46	10°52	17°59	17°28	15°50	11° 9	W15
T 16	16 13 48	4°27'33	22°23	27°38	29° 1	25°18	15°50	9°25	17°19	28°48	10°53	17°57	17°25	15°57	11° 5	T 16
F 17	16 17 45	5°25'00	4♓38	28°30	0♉12	25°57	16° 1	9°32	17°17	28°51	10°53	17°D57	17°22	16° 3	11° 0	F 17
S 18	16 21 41	6°22'27	16°38	29°18	1°23	26°36	16°13	9°40	17°14	28°53	10°53	17°R57	17°19	16°10	10°56	S 18
S 19	16 25 38	7°19'53	28°30	0♋ 2	2°33	27°16	16°25	9°48	17°12	28°55	10°54	17°56	17°16	16°17	10°52	S 19
M20	16 29 34	8°17'17	10♈17	0°42	3°44	27°55	16°36	9°56	17°10	28°57	10°54	17°55	17°13	16°23	10°48	M20
T 21	16 33 31	9°14'42	22° 6	1°18	4°55	28°34	16°48	10° 4	17° 7	29° 0	10°54	17°51	17° 9	16°30	10°44	T 21
W22	16 37 27	10°12'05	4♉ 0	1°50	6° 6	29°14	16°59	10°12	17° 5	29° 2	10°55	17°44	17° 6	16°37	10°39	W22
T 23	16 41 24	11° 9'28	16° 2	2°17	7°17	29°53	17°10	10°19	17° 3	29° 4	10°55	17°34	17° 3	16°43	10°35	T 23
F 24	16 45 21	12° 6'51	28°14	2°40	8°28	0♋32	17°21	10°27	17° 1	29° 6	10°55	17°23	17° 0	16°50	10°31	F 24
S 25	16 49 17	13° 4'12	10♊39	2°58	9°39	1°11	17°33	10°35	16°59	29° 8	10°55	17°10	16°57	16°57	10°27	S 25
S 26	16 53 14	14° 1'33	23°17	3°11	10°50	1°51	17°43	10°43	16°56	29°11	10°55	16°57	16°54	17° 3	10°22	S 26
M27	16 57 10	14°58'53	6♋ 6	3°21	12° 1	2°30	17°54	10°51	16°54	29°13	10°55	16°44	16°50	17°10	10°18	M27
T 28	17 1 7	15°56'13	19° 8	3°25	13°13	3° 9	18° 5	10°59	16°52	29°15	10°56	16°34	16°47	17°17	10°14	T 28
W29	17 5 3	16°53'31	2♌21	3°R25	14°24	3°48	18°16	11° 7	16°50	29°17	10°56	16°27	16°44	17°23	10°10	W29
T 30	17 9 0	17°50'49	15°46	3°21	15°35	4°27	18°26	11°14	16°48	29°19	10°56	16°22	16°41	17°30	10° 6	T 30
F 31	17 12 56	18♊48'06	29♌21	3♋12	16♉47	5♋ 6	18♈37	11♊22	16♏46	29♉21	10♓56	16♓20	16♓38	17♈37	10♐ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n48	25n53	4n16	23n41	2n 7	2n51	1s50	23n33	0n51	3n59	1s 9	20n10	1s28	16s54	0n20	18n14	1s38	20s32	14s 6	4s19	4s40	7n44	16s58	5n23
T 2	18 3	22 23	3 31	24 2	2 11	3 18	1 51	23 37	0 52	4 4	1 9	20 11	1 28	16 53	0 20	18 14	1 38	20 32	14 6	4 20	4 42	7 47	16 57	5 23
F 3	18 19	17 40	2 34	24 21	2 15	3 44	1 52	23 42	0 52	4 9	1 9	20 12	1 28	16 53	0 20	18 15	1 38	20 32	14 6	4 20	4 43	7 50	16 56	5 23
S 4	18 33	11 55	1 27	24 37	2 17	4 10	1 53	23 46	0 52	4 14	1 9	20 14	1 28	16 52	0 20	18 15	1 38	20 32	14 7	4 20	4 44	7 54	16 55	5 24
S 5	18 48	5 28	0 13	24 50	2 19	4 36	1 54	23 50	0 53	4 18	1 9	20 15	1 28	16 51	0 20	18 16	1 38	20 33	14 7	4 20	4 45	7 57	16 54	5 24
M 6	19 2	1s25	1s 4	25 2	2 20	5 2	1 54	23 54	0 53	4 23	1 10	20 16	1 28	16 51	0 20	18 16	1 38	20 33	14 7	4 20	4 46	8 0	16 54	5 24
T 7	19 16	8 20	2 17	25 11	2 20	5 29	1 55	23 57	0 53	4 28	1 10	20 18	1 27	16 50	0 20	18 17	1 38	20 33	14 8	4 21	4 48	8 4	16 53	5 25
W 8	19 29	14 53	3 22	25 18	2 19	5 55	1 56	24 1	0 54	4 33	1 10	20 19	1 27	16 49	0 20	18 17	1 38	20 33	14 8	4 23	4 49	8 7	16 52	5 25
T 9	19 42	20 36	4 13	25 23	2 17	6 21	1 56	24 4	0 54	4 37	1 10	20 20	1 27	16 49	0 20	18 18	1 38	20 33	14 8	4 26	4 50	8 10	16 51	5 25
F 10	19 55	24 59	4 47	25 27	2 15	6 46	1 56	24 7	0 54	4 42	1 10	20 22	1 27	16 48	0 20	18 18	1 38	20 33	14 9	4 30	4 51	8 14	16 50	5 26
S 11	20 8	27 40	5 2	25 28	2 12	7 12	1 57	24 10	0 55	4 47	1 10	20 23	1 27	16 47	0 19	18 19	1 38	20 33	14 9	4 34	4 53	8 17	16 49	5 26
S 12	20 20	28 26	4 57	25 28	2 7	7 38	1 57	24 12	0 55	4 51	1 10	20 24	1 27	16 47	0 19	18 19	1 38	20 33	14 9	4 38	4 54	8 20	16 48	5 26
M13	20 32	27 22	4 34	25 26	2 2	8 4	1 57	24 15	0 55	4 56	1 10	20 26	1 27	16 46	0 19	18 20	1 38	20 33	14 10	4 41	4 55	8 24	16 48	5 27
T 14	20 43	24 43	3 56	25 22	1 57	8 29	1 57	24 17	0 55	5 0	1 11	20 27	1 27	16 45	0 19	18 20	1 38	20 34	14 10	4 44	4 56	8 27	16 47	5 27
W15	20 54	20 51	3 8	25 17	1 50	8 55	1 57	24 19	0 56	5 5	1 11	20 28	1 27	16 45	0 19	18 21	1 38	20 34	14 10	4 46	4 58	8 30	16 46	5 27
T 16	21 5	16 9	2 11	25 11	1 42	9 20	1 57	24 21	0 56	5 9	1 11	20 29	1 27	16 44	0 19	18 21	1 38	20 34	14 11	4 46	4 59	8 33	16 45	5 28
F 17	21 16	10 55	1 10	25 3	1 34	9 45	1 57	24 23	0 56	5 14	1 11	20 31	1 27	16 43	0 19	18 22	1 38	20 34	14 11	4 47	5 0	8 37	16 44	5 28
S 18	21 26	5 24	0 7	24 54	1 25	10 10	1 56	24 24	0 57	5 18	1 11	20 32	1 27	16 43	0 19	18 22	1 38	20 34	14 12	4 47	5 1	8 40	16 44	5 28
S 19	21 35	0n15	0n56	24 45	1 15	10 34	1 56	24 25	0 57	5 22	1 11	20 33	1 26	16 42	0 19	18 23	1 38	20 35	14 12	4 47	5 3	8 43	16 43	5 28
M20	21 45	5 51	1 56	24 34	1 4	10 59	1 56	24 26	0 57	5 27	1 11	20 34	1 26	16 41	0 19	18 23	1 38	20 35	14 12	4 47	5 4	8 47	16 42	5 28
T 21	21 54	11 15	2 50	24 22	0 52	11 23	1 55	24 27	0 58	5 31	1 12	20 35	1 26	16 41	0 19	18 24	1 38	20 35	14 13	4 49	5 5	8 50	16 41	5 29
W22	22 2	16 18	3 38	24 9	0 40	11 47	1 54	24 28	0 58	5 35	1 12	20 37	1 26	16 40	0 19	18 24	1 38	20 35	14 13	4 52	5 6	8 53	16 40	5 29
T 23	22 10	20 46	4 16	23 56	0 27	12 11	1 54	24 28	0 58	5 39	1 12	20 38	1 26	16 40	0 19	18 25	1 38	20 35	14 13	4 55	5 8	8 57	16 40	5 29
F 24	22 18	24 25	4 44	23 42	0 13	12 35	1 53	24 28	0 58	5 43	1 12	20 39	1 26	16 39	0 19	18 25	1 38	20 36	14 14	5 0	5 9	9 0	16 39	5 29
S 25	22 25	27 1	4 58	23 27	0s 1	12 58	1 52	24 28	0 59	5 47	1 12	20 40	1 26	16 38	0 19	18 26	1 38	20 36	14 14	5 5	5 10	9 3	16 38	5 29
S 26	22 32	28 17	4 58	23 12	0 16	13 21	1 51	24 28	0 59	5 51	1 12	20 41	1 26	16 38	0 19	18 26	1 38	20 36	14 14	5 10	5 11	9 6	16 37	5 30
M27	22 39	28 4	4 43	22 56	0 32	13 44	1 50	24 28	0 59	5 55	1 13	20 43	1 26	16 37	0 19	18 26	1 38	20 37	14 15	5 15	5 13	9 10	16 37	5 30
T 28	22 45	26 19	4 14	22 40	0 47	14 7	1 49	24 27	0 59	5 59	1 13	20 44	1 26	16 37	0 19	18 27	1 38	20 37	14 15	5 19	5 14	9 13	16 36	5 30
W29	22 51	23 5	3 30	22 24	1 4	14 29	1 48	24 26	1 0	6 3	1 13	20 45	1 26	16 36	0 19	18 27	1 38	20 37	14 16	5 22	5 15	9 16	16 35	5 30
T 30	22 57	18 36	2 34	22 7	1 20	14 51	1 47	24 25	1 0	6 7	1 13	20 46	1 26	16 35	0 19	18 28	1 38	20 37	14 16	5 24	5 16	9 19	16 35	5 30
F 31	23n 2	13n 6	1n28	21n51	1s37	15n12	1s45	24n24	1n 0	6n11	1s13	20n47	1s26	16s35	0n19	18n28	1s38	20s38	14s16	5s24	5s17	9n23	16s34	5n30

Julian Day Number = 2290968.5, Delta T = 157.93 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'18, Lahiri = 17°43'19 Julian Calendar 1 May 1560 == Greg. Calendar 11 May 1560

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1560
geocentric

JUNE 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 16 53	19♊45'22	13♍ 9	2°R59	17♉58	5♋45	18♈47	11♊30	16°R44	29♉24	10°R56	16°R19	16♓34	17♈43	9°R57	S 1
S 2	17 20 50	20°42'37	27° 9	2♋42	19° 9	6°24	18°57	11°38	16♏42	29°26	10♓56	16♓19	16°31	17°50	9♐53	S 2
M 3	17 24 46	21°39'51	11♎21	2°21	20°21	7° 3	19° 7	11°45	16°40	29°28	10°56	16°18	16°28	17°57	9°49	M 3
T 4	17 28 43	22°37'04	25°43	1°57	21°32	7°42	19°17	11°53	16°38	29°30	10°56	16°16	16°25	18° 3	9°45	T 4
W 5	17 32 39	23°34'17	10♏14	1°29	22°44	8°21	19°27	12° 1	16°36	29°32	10°56	16°10	16°22	18°10	9°41	W 5
T 6	17 36 36	24°31'29	24°48	0°59	23°55	9° 0	19°37	12° 9	16°35	29°34	10°55	16° 2	16°19	18°17	9°37	T 6
F 7	17 40 32	25°28'41	9♐19	0°27	25° 7	9°39	19°47	12°16	16°33	29°36	10°55	15°52	16°15	18°23	9°33	F 7
S 8	17 44 29	26°25'52	23°40	29♊54	26°18	10°18	19°56	12°24	16°31	29°38	10°55	15°41	16°12	18°30	9°29	S 8
S 9	17 48 26	27°23'03	7♑45	29°19	27°30	10°57	20° 6	12°32	16°29	29°40	10°55	15°30	16° 9	18°37	9°25	S 9
M10	17 52 22	28°20'14	21°30	28°43	28°42	11°36	20°15	12°39	16°28	29°42	10°55	15°20	16° 6	18°43	9°21	M10
T 11	17 56 19	29°17'25	4♒51	28° 8	29°53	12°15	20°24	12°47	16°26	29°44	10°55	15°13	16° 3	18°50	9°18	T 11
W12	18 0 15	0♋14'35	17°48	27°33	1♊ 5	12°53	20°33	12°55	16°25	29°46	10°54	15° 7	16° 0	18°57	9°14	W12
T 13	18 4 12	1°11'46	0♓23	27° 0	2°17	13°32	20°42	13° 2	16°23	29°48	10°54	15° 5	15°56	19° 3	9°10	T 13
F 14	18 8 8	2° 8'56	12°39	26°29	3°29	14°11	20°51	13°10	16°22	29°50	10°54	15°D 4	15°53	19°10	9° 6	F 14
S 15	18 12 5	3° 6'07	24°41	26° 0	4°41	14°50	21° 0	13°17	16°20	29°52	10°53	15° 4	15°50	19°17	9° 3	S 15
S 16	18 16 1	4° 3'18	6♈34	25°34	5°52	15°29	21° 8	13°25	16°19	29°54	10°53	15°R 4	15°47	19°23	8°59	S 16
M17	18 19 58	5° 0'29	18°23	25°11	7° 4	16° 7	21°17	13°33	16°17	29°56	10°53	15° 3	15°44	19°30	8°56	M17
T 18	18 23 55	5°57'40	0♉14	24°53	8°16	16°46	21°25	13°40	16°16	29°58	10°52	15° 1	15°40	19°37	8°52	T 18
W19	18 27 51	6°54'52	12°12	24°38	9°28	17°25	21°33	13°47	16°15	29°59	10°52	14°56	15°37	19°43	8°49	W19
T 20	18 31 48	7°52'03	24°20	24°28	10°41	18° 3	21°41	13°55	16°13	0♊ 2	10°52	14°48	15°34	19°50	8°45	T 20
F 21	18 35 44	8°49'16	6♊41	24°23	11°53	18°42	21°49	14° 2	16°12	0° 4	10°51	14°39	15°31	19°57	8°42	F 21
S 22	18 39 41	9°46'28	19°18	24°D22	13° 5	19°21	21°57	14°10	16°11	0° 5	10°51	14°28	15°28	20° 3	8°39	S 22
S 23	18 43 37	10°43'41	2♋12	24°27	14°17	19°59	22° 5	14°17	16°10	0° 7	10°50	14°17	15°25	20°10	8°36	S 23
M24	18 47 34	11°40'54	15°21	24°36	15°29	20°38	22°12	14°24	16° 9	0° 9	10°50	14° 7	15°21	20°17	8°32	M24
T 25	18 51 30	12°38'07	28°45	24°51	16°41	21°17	22°19	14°32	16° 8	0°11	10°49	13°58	15°18	20°23	8°29	T 25
W26	18 55 27	13°35'20	12♌21	25°12	17°54	21°55	22°27	14°39	16° 7	0°13	10°49	13°52	15°15	20°30	8°26	W26
T 27	18 59 24	14°32'34	26° 7	25°37	19° 6	22°34	22°34	14°46	16° 6	0°14	10°48	13°49	15°12	20°37	8°23	T 27
F 28	19 3 20	15°29'47	10♍ 0	26° 8	20°18	23°12	22°40	14°53	16° 5	0°16	10°47	13°D47	15° 9	20°43	8°21	F 28
S 29	19 7 17	16°27'00	24° 0	26°44	21°31	23°51	22°47	15° 0	16° 4	0°18	10°47	13°47	15° 6	20°50	8°18	S 29
S 30	19 11 13	17♋24'14	8♎ 6	27♊26	22♊43	24♋29	22♈54	15♊ 7	16♏ 3	0♊19	10♓46	13♓48	15♓ 2	20♈57	8♐15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	6n54	0n17	21n34	1s54	15n34	1s44	24n23	1n 0	6n15	1s13	20n48	1s26	16s34	0n19	18n29	1s38	20s38	14s17	5s25	5s19	9n26	16s33	5n30
S 2	23 10	0 16	0s57	21 18	2 11	15 55	1 43	24 21	1 1	6 18	1 14	20 49	1 26	16 34	0 19	18 29	1 38	20 38	14 17	5 25	5 20	9 29	16 33	5 30
M 3	23 14	6s28	2 8	21 2	2 27	16 15	1 41	24 19	1 1	6 22	1 14	20 50	1 26	16 33	0 19	18 30	1 38	20 39	14 17	5 25	5 21	9 32	16 32	5 30
T 4	23 18	12 57	3 12	20 46	2 43	16 35	1 40	24 17	1 1	6 26	1 14	20 51	1 25	16 33	0 19	18 30	1 38	20 39	14 18	5 26	5 22	9 36	16 31	5 30
W 5	23 21	18 47	4 4	20 31	2 59	16 55	1 38	24 15	1 1	6 29	1 14	20 53	1 25	16 32	0 19	18 30	1 38	20 40	14 18	5 28	5 24	9 39	16 31	5 30
T 6	23 23	23 33	4 41	20 16	3 14	17 15	1 36	24 13	1 2	6 33	1 14	20 54	1 25	16 32	0 19	18 31	1 38	20 40	14 18	5 31	5 25	9 42	16 30	5 30
F 7	23 25	26 49	4 59	20 2	3 28	17 34	1 35	24 10	1 2	6 36	1 14	20 55	1 25	16 31	0 19	18 31	1 38	20 40	14 19	5 35	5 26	9 46	16 29	5 30
S 8	23 27	28 18	4 58	19 49	3 41	17 52	1 33	24 8	1 2	6 40	1 15	20 56	1 25	16 31	0 19	18 32	1 38	20 41	14 19	5 39	5 27	9 49	16 29	5 30
S 9	23 28	27 55	4 39	19 36	3 54	18 10	1 31	24 5	1 2	6 43	1 15	20 57	1 25	16 30	0 19	18 32	1 38	20 41	14 20	5 44	5 29	9 52	16 28	5 30
M10	23 29	25 47	4 4	19 25	4 4	18 28	1 29	24 2	1 2	6 46	1 15	20 58	1 25	16 30	0 19	18 33	1 38	20 41	14 20	5 48	5 30	9 55	16 28	5 30
T 11	23 30	22 16	3 16	19 15	4 14	18 46	1 27	23 58	1 3	6 50	1 15	20 59	1 25	16 29	0 19	18 33	1 38	20 42	14 20	5 51	5 31	9 58	16 27	5 30
W12	23 30	17 45	2 19	19 6	4 22	19 2	1 25	23 55	1 3	6 53	1 15	21 0	1 25	16 29	0 19	18 33	1 38	20 42	14 21	5 53	5 32	10 2	16 27	5 30
T 13	23 30	12 34	1 17	18 59	4 29	19 19	1 23	23 51	1 3	6 56	1 16	21 1	1 25	16 29	0 19	18 34	1 38	20 43	14 21	5 54	5 34	10 5	16 26	5 30
F 14	23 29	7 2	0 13	18 53	4 35	19 35	1 21	23 47	1 3	6 59	1 16	21 2	1 25	16 28	0 19	18 34	1 38	20 43	14 21	5 54	5 35	10 8	16 26	5 30
S 15	23 28	1 20	0n51	18 48	4 38	19 50	1 19	23 43	1 3	7 2	1 16	21 3	1 25	16 28	0 19	18 35	1 38	20 44	14 22	5 54	5 36	10 11	16 25	5 30
S 16	23 26	4n19	1 52	18 45	4 41	20 5	1 17	23 39	1 4	7 5	1 16	21 4	1 25	16 27	0 19	18 35	1 38	20 44	14 22	5 54	5 37	10 15	16 25	5 30
M17	23 24	9 48	2 47	18 44	4 41	20 19	1 14	23 35	1 4	7 8	1 16	21 4	1 25	16 27	0 19	18 35	1 38	20 45	14 22	5 54	5 38	10 18	16 24	5 30
T 18	23 22	14 57	3 36	18 44	4 40	20 33	1 12	23 30	1 4	7 11	1 17	21 5	1 25	16 27	0 19	18 36	1 38	20 45	14 23	5 55	5 40	10 21	16 24	5 30
W19	23 19	19 35	4 15	18 45	4 38	20 46	1 10	23 25	1 4	7 14	1 17	21 6	1 25	16 26	0 19	18 36	1 38	20 45	14 23	5 57	5 41	10 24	16 23	5 30
T 20	23 16	23 29	4 44	18 48	4 35	20 59	1 8	23 20	1 4	7 17	1 17	21 7	1 25	16 26	0 19	18 36	1 38	20 46	14 23	6 0	5 42	10 28	16 23	5 30
F 21	23 12	26 24	5 0	18 53	4 30	21 11	1 5	23 15	1 4	7 20	1 17	21 8	1 25	16 26	0 19	18 37	1 38	20 46	14 24	6 4	5 43	10 31	16 23	5 30
S 22	23 8	28 5	5 2	18 59	4 24	21 23	1 3	23 10	1 5	7 22	1 18	21 9	1 25	16 25	0 19	18 37	1 38	20 47	14 24	6 8	5 45	10 34	16 22	5 30
S 23	23 4	28 17	4 49	19 6	4 17	21 34	1 0	23 4	1 5	7 25	1 18	21 10	1 25	16 25	0 19	18 38	1 38	20 47	14 24	6 12	5 46	10 37	16 22	5 29
M24	22 59	26 55	4 20	19 15	4 8	21 45	0 58	22 59	1 5	7 28	1 18	21 11	1 25	16 25	0 19	18 38	1 38	20 48	14 25	6 16	5 47	10 40	16 22	5 29
T 25	22 54	23 59	3 36	19 25	3 59	21 55	0 55	22 53	1 5	7 30	1 18	21 12	1 25	16 24	0 19	18 38	1 38	20 48	14 25	6 19	5 48	10 44	16 21	5 29
W26	22 48	19 41	2 40	19 36	3 49	22 4	0 53	22 47	1 5	7 32	1 18	21 12	1 25	16 24	0 19	18 39	1 38	20 49	14 25	6 22	5 50	10 47	16 21	5 29
T 27	22 42	14 18	1 33	19 47	3 38	22 13	0 50	22 41	1 5	7 35	1 19	21 13	1 25	16 24	0 19	18 39	1 38	20 49	14 26	6 23	5 51	10 50	16 21	5 29
F 28	22 36	8 9	0 20	20 0	3 27	22 21	0 48	22 35	1 6	7 37	1 19	21 14	1 25	16 24	0 19	18 39	1 38	20 50	14 26	6 24	5 52	10 53	16 20	5 29
S 29	22 29	1 33	0s55	20 13	3 15	22 28	0 45	22 28	1 6	7 39	1 19	21 15	1 25	16 24	0 19	18 40	1 38	20 50	14 26	6 23	5 53	10 56	16 20	5 29
S 30	22n22	5s 9	2s 6	20n26	3s 2	22n35	0s43	22n21	1n 6	7n42	1s19	21n16	1s25	16s23	0n19	18n40	1s38	20s51	14s27	6s23	5s55	11n 0	16s20	5n28

Julian Day Number = 2290999.5, Delta T = 157.76 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'22, Lahiri = 17°43'23 Julian Calendar 1 June 1560 == Greg. Calendar 11 June 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

JULY 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 15 10	18♋21'28	22♎15	28♊12	23♊56	25♋ 8	23♈ 0	15♊14	16°R 3	0♊21	10°R46	13°R48	14♓59	21♈ 3	8°R12	M 1
T 2	19 19 6	19°18'41	6♏26	29° 4	25° 8	25°46	23° 6	15°21	16♏ 2	0°23	10♓45	13♓47	14°56	21°10	8♐10	T 2
W 3	19 23 3	20°15'55	20°38	0♋ 1	26°21	26°25	23°12	15°28	16° 1	0°24	10°44	13°44	14°53	21°17	8° 7	W 3
T 4	19 26 59	21°13'10	4♐49	1° 3	27°33	27° 3	23°18	15°35	16° 1	0°26	10°43	13°38	14°50	21°23	8° 5	T 4
F 5	19 30 56	22°10'24	18°53	2°10	28°46	27°42	23°24	15°42	16° 0	0°27	10°43	13°31	14°46	21°30	8° 3	F 5
S 6	19 34 53	23° 7'39	2♑48	3°22	29°59	28°20	23°29	15°49	16° 0	0°29	10°42	13°23	14°43	21°37	8° 0	S 6
S 7	19 38 49	24° 4'55	16°30	4°38	1♋11	28°59	23°35	15°56	15°59	0°30	10°41	13°15	14°40	21°43	7°58	S 7
M 8	19 42 46	25° 2'11	29°55	6° 0	2°24	29°37	23°40	16° 2	15°59	0°32	10°40	13° 8	14°37	21°50	7°56	M 8
T 9	19 46 42	25°59'28	13♒ 2	7°26	3°37	0♌16	23°45	16° 9	15°59	0°33	10°40	13° 3	14°34	21°57	7°54	T 9
W10	19 50 39	26°56'45	25°50	8°56	4°50	0°54	23°50	16°16	15°58	0°35	10°39	12°59	14°31	22° 3	7°52	W10
T 11	19 54 35	27°54'04	8♓19	10°30	6° 2	1°32	23°55	16°22	15°58	0°36	10°38	12°D58	14°27	22°10	7°50	T 11
F 12	19 58 32	28°51'23	20°33	12° 9	7°15	2°11	23°59	16°29	15°58	0°38	10°37	12°58	14°24	22°17	7°48	F 12
S 13	20 2 28	29°48'43	2♈34	13°51	8°28	2°49	24° 4	16°35	15°58	0°39	10°36	12°59	14°21	22°23	7°47	S 13
S 14	20 6 25	0♌46'04	14°28	15°37	9°41	3°28	24° 8	16°41	15°58	0°40	10°35	13° 1	14°18	22°30	7°45	S 14
M15	20 10 22	1°43'26	26°18	17°27	10°54	4° 6	24°12	16°48	15°D58	0°42	10°34	13°R 2	14°15	22°37	7°44	M15
T 16	20 14 18	2°40'50	8♉10	19°19	12° 7	4°44	24°16	16°54	15°58	0°43	10°34	13° 2	14°12	22°43	7°42	T 16
W17	20 18 15	3°38'14	20° 9	21°14	13°20	5°23	24°20	17° 0	15°58	0°44	10°33	13° 0	14° 8	22°50	7°41	W17
T 18	20 22 11	4°35'40	2♊20	23°11	14°33	6° 1	24°23	17° 7	15°58	0°45	10°32	12°57	14° 5	22°57	7°40	T 18
F 19	20 26 8	5°33'07	14°46	25°10	15°47	6°39	24°26	17°13	15°58	0°46	10°31	12°53	14° 2	23° 3	7°38	F 19
S 20	20 30 4	6°30'36	27°31	27°11	17° 0	7°18	24°29	17°19	15°58	0°48	10°30	12°47	13°59	23°10	7°37	S 20
S 21	20 34 1	7°28'05	10♋36	29°13	18°13	7°56	24°32	17°25	15°58	0°49	10°29	12°41	13°56	23°17	7°36	S 21
M22	20 37 58	8°25'36	24° 1	1♌16	19°26	8°34	24°35	17°31	15°59	0°50	10°28	12°36	13°52	23°23	7°36	M22
T 23	20 41 54	9°23'08	7♌44	3°20	20°40	9°12	24°38	17°37	15°59	0°51	10°27	12°31	13°49	23°30	7°35	T 23
W24	20 45 51	10°20'41	21°44	5°24	21°53	9°51	24°40	17°42	16° 0	0°52	10°26	12°28	13°46	23°37	7°34	W24
T 25	20 49 47	11°18'15	5♍56	7°27	23° 6	10°29	24°42	17°48	16° 0	0°53	10°25	12°D27	13°43	23°43	7°33	T 25
F 26	20 53 44	12°15'50	20°14	9°31	24°20	11° 7	24°44	17°54	16° 1	0°54	10°24	12°27	13°40	23°50	7°33	F 26
S 27	20 57 40	13°13'25	4♎37	11°34	25°33	11°46	24°46	17°59	16° 1	0°55	10°22	12°28	13°37	23°57	7°32	S 27
S 28	21 1 37	14°11'02	18°58	13°37	26°47	12°24	24°47	18° 5	16° 2	0°56	10°21	12°29	13°33	24° 4	7°32	S 28
M29	21 5 33	15° 8'40	3♏15	15°38	28° 0	13° 2	24°49	18°10	16° 2	0°57	10°20	12°31	13°30	24°10	7°32	M29
T 30	21 9 30	16° 6'19	17°26	17°39	29°14	13°40	24°50	18°16	16° 3	0°58	10°19	12°R31	13°27	24°17	7°32	T 30
W31	21 13 27	17♌ 3'59	1♐29	19♌39	0♌27	14♌19	24♈51	18♊21	16♏ 4	0♊58	10♓18	12♓30	13♓24	24♈24	7°D32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n14	11s38	3s11	20n40	2s49	22n41	0s40	22n15	1n 6	7n44	1s20	21n16	1s25	16s23	0n18	18n40	1s39	20s52	14s27	6s23	5s56	11n 3	16s20	5n28
T 2	22 6	17 32	4 4	20 54	2 36	22 47	0 38	22 8	1 6	7 46	1 20	21 17	1 25	16 23	0 18	18 40	1 39	20 52	14 27	6 24	5 57	11 6	16 19	5 28
W 3	21 58	22 29	4 42	21 8	2 22	22 52	0 35	22 0	1 6	7 48	1 20	21 18	1 25	16 23	0 18	18 41	1 39	20 53	14 28	6 25	5 58	11 9	16 19	5 28
T 4	21 49	26 7	5 3	21 22	2 8	22 56	0 32	21 53	1 6	7 50	1 20	21 18	1 25	16 23	0 18	18 41	1 39	20 53	14 28	6 27	5 59	11 12	16 19	5 28
F 5	21 40	28 6	5 5	21 35	1 54	23 0	0 30	21 46	1 7	7 52	1 21	21 19	1 25	16 23	0 18	18 41	1 39	20 54	14 28	6 30	6 1	11 15	16 19	5 27
S 6	21 31	28 17	4 49	21 48	1 40	23 3	0 27	21 38	1 7	7 54	1 21	21 20	1 25	16 22	0 18	18 42	1 39	20 54	14 28	6 33	6 2	11 19	16 19	5 27
S 7	21 21	26 43	4 17	22 0	1 25	23 5	0 24	21 30	1 7	7 55	1 21	21 21	1 25	16 22	0 18	18 42	1 39	20 55	14 29	6 36	6 3	11 22	16 19	5 27
M 8	21 11	23 39	3 31	22 11	1 11	23 7	0 22	21 22	1 7	7 57	1 21	21 21	1 25	16 22	0 18	18 42	1 39	20 55	14 29	6 38	6 4	11 25	16 19	5 27
T 9	21 0	19 25	2 34	22 20	0 57	23 8	0 19	21 14	1 7	7 59	1 22	21 22	1 25	16 22	0 18	18 42	1 39	20 56	14 29	6 41	6 6	11 28	16 19	5 26
W10	20 49	14 22	1 31	22 29	0 43	23 8	0 16	21 6	1 7	8 0	1 22	21 23	1 25	16 22	0 18	18 43	1 39	20 57	14 30	6 42	6 7	11 31	16 19	5 26
T 11	20 38	8 52	0 25	22 35	0 30	23 8	0 14	20 58	1 7	8 2	1 22	21 23	1 25	16 22	0 18	18 43	1 39	20 57	14 30	6 42	6 8	11 35	16 19	5 26
F 12	20 26	3 8	0n41	22 40	0 17	23 7	0 11	20 49	1 7	8 3	1 22	21 24	1 25	16 22	0 18	18 43	1 39	20 58	14 30	6 42	6 9	11 38	16 19	5 26
S 13	20 14	2n37	1 44	22 43	0 4	23 5	0 8	20 40	1 8	8 5	1 23	21 25	1 25	16 22	0 18	18 43	1 39	20 58	14 30	6 42	6 10	11 41	16 19	5 25
S 14	20 2	8 13	2 42	22 43	0n 8	23 3	0 6	20 32	1 8	8 6	1 23	21 25	1 25	16 22	0 18	18 44	1 39	20 59	14 31	6 41	6 12	11 44	16 19	5 25
M15	19 50	13 29	3 33	22 42	0 20	23 0	0 3	20 23	1 8	8 7	1 23	21 26	1 25	16 22	0 18	18 44	1 39	20 59	14 31	6 41	6 13	11 47	16 19	5 25
T 16	19 37	18 17	4 15	22 37	0 31	22 56	0 0	20 13	1 8	8 8	1 23	21 26	1 25	16 22	0 18	18 44	1 39	21 0	14 31	6 41	6 14	11 50	16 19	5 24
W17	19 23	22 25	4 47	22 30	0 42	22 52	0n 2	20 4	1 8	8 10	1 24	21 27	1 25	16 22	0 18	18 44	1 39	21 1	14 31	6 42	6 15	11 53	16 19	5 24
T 18	19 10	25 40	5 5	22 21	0 52	22 47	0 5	19 55	1 8	8 11	1 24	21 27	1 25	16 22	0 18	18 44	1 39	21 1	14 32	6 43	6 17	11 57	16 19	5 24
F 19	18 56	27 46	5 11	22 9	1 1	22 41	0 7	19 45	1 8	8 12	1 24	21 28	1 25	16 22	0 18	18 45	1 39	21 2	14 32	6 44	6 18	12 0	16 19	5 24
S 20	18 42	28 29	5 1	21 54	1 9	22 35	0 10	19 36	1 8	8 12	1 24	21 29	1 25	16 22	0 18	18 45	1 39	21 2	14 32	6 47	6 19	12 3	16 19	5 23
S 21	18 27	27 39	4 35	21 36	1 16	22 28	0 12	19 26	1 8	8 13	1 25	21 29	1 25	16 22	0 18	18 45	1 39	21 3	14 32	6 49	6 20	12 6	16 19	5 23
M22	18 12	25 12	3 54	21 16	1 23	22 20	0 15	19 16	1 8	8 14	1 25	21 30	1 25	16 22	0 18	18 45	1 39	21 4	14 32	6 51	6 21	12 9	16 19	5 23
T 23	17 57	21 15	2 58	20 54	1 28	22 12	0 18	19 6	1 8	8 15	1 25	21 30	1 26	16 23	0 18	18 45	1 39	21 4	14 33	6 53	6 23	12 12	16 20	5 22
W24	17 42	16 3	1 51	20 28	1 33	22 3	0 20	18 56	1 9	8 15	1 25	21 31	1 26	16 23	0 18	18 46	1 40	21 5	14 33	6 54	6 24	12 15	16 20	5 22
T 25	17 26	9 55	0 36	20 1	1 37	21 53	0 22	18 45	1 9	8 16	1 26	21 31	1 26	16 23	0 18	18 46	1 40	21 5	14 33	6 54	6 25	12 18	16 20	5 22
F 26	17 10	3 13	0s43	19 32	1 41	21 43	0 25	18 35	1 9	8 16	1 26	21 31	1 26	16 23	0 18	18 46	1 40	21 6	14 33	6 54	6 26	12 22	16 20	5 21
S 27	16 53	3s39	1 58	19 0	1 43	21 32	0 27	18 24	1 9	8 17	1 26	21 32	1 26	16 23	0 18	18 46	1 40	21 7	14 33	6 54	6 28	12 25	16 20	5 21
S 28	16 37	10 19	3 7	18 27	1 45	21 20	0 30	18 13	1 9	8 17	1 26	21 32	1 26	16 24	0 18	18 46	1 40	21 7	14 34	6 53	6 29	12 28	16 21	5 21
M29	16 20	16 26	4 3	17 52	1 46	21 8	0 32	18 3	1 9	8 17	1 27	21 33	1 26	16 24	0 18	18 46	1 40	21 8	14 34	6 53	6 30	12 31	16 21	5 20
T 30	16 3	21 37	4 45	17 16	1 46	20 55	0 34	17 52	1 9	8 18	1 27	21 33	1 26	16 24	0 18	18 46	1 40	21 8	14 34	6 53	6 31	12 34	16 21	5 20
W31	15n46	25s32	5s 8	16n38	1n46	20n42	0n37	17n41	1n 9	8n18	1s27	21n34	1s26	16s24	0n18	18n47	1s40	21s 9	14s34	6s53	6s33	12n37	16s22	5n20

Julian Day Number = 2291029.5, Delta T = 157.59 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'26, Lahiri = 17°43'27 Julian Calendar 1 July 1560 == Greg. Calendar 11 July 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

AUGUST 1560 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 17 23	18♌ 1'40	15♐22	21♌37	1♌41	14♌57	24♈52	18♊26	16♏ 5	0♊59	10°R17	12°R29	13♓21	24♈30	7♐32	T 1
F 2	21 21 20	18°59'22	29° 4	23°34	2°55	15°35	24°52	18°31	16° 6	1° 0	10♓16	12♓26	13°18	24°37	7°32	F 2
S 3	21 25 16	19°57'05	12♑33	25°30	4° 8	16°13	24°53	18°37	16° 7	1° 1	10°15	12°23	13°14	24°44	7°32	S 3
S 4	21 29 13	20°54'50	25°49	27°25	5°22	16°51	24°53	18°42	16° 8	1° 1	10°14	12°19	13°11	24°50	7°33	S 4
M 5	21 33 9	21°52'35	8♒51	29°18	6°36	17°30	24°R53	18°46	16° 9	1° 2	10°12	12°17	13° 8	24°57	7°33	M 5
T 6	21 37 6	22°50'22	21°38	1♍10	7°50	18° 8	24°53	18°51	16°10	1° 3	10°11	12°15	13° 5	25° 4	7°33	T 6
W 7	21 41 2	23°48'10	4♓11	3° 1	9° 3	18°46	24°52	18°56	16°11	1° 3	10°10	12°14	13° 2	25°10	7°34	W 7
T 8	21 44 59	24°46'00	16°30	4°50	10°17	19°24	24°52	19° 1	16°12	1° 4	10° 9	12°D13	12°58	25°17	7°35	T 8
F 9	21 48 56	25°43'52	28°38	6°38	11°31	20° 2	24°51	19° 5	16°13	1° 5	10° 8	12°14	12°55	25°24	7°36	F 9
S 10	21 52 52	26°41'45	10♈36	8°24	12°45	20°41	24°50	19°10	16°15	1° 5	10° 6	12°15	12°52	25°30	7°36	S 10
S 11	21 56 49	27°39'40	22°28	10° 9	13°59	21°19	24°49	19°14	16°16	1° 6	10° 5	12°17	12°49	25°37	7°37	S 11
M12	22 0 45	28°37'37	4♉18	11°53	15°13	21°57	24°47	19°19	16°17	1° 6	10° 4	12°18	12°46	25°44	7°39	M12
T 13	22 4 42	29°35'35	16°10	13°36	16°27	22°35	24°46	19°23	16°19	1° 6	10° 3	12°19	12°43	25°50	7°40	T 13
W14	22 8 38	0♍33'36	28° 9	15°17	17°41	23°13	24°44	19°27	16°20	1° 7	10° 2	12°R19	12°39	25°57	7°41	W14
T 15	22 12 35	1°31'38	10♊19	16°57	18°55	23°52	24°42	19°31	16°22	1° 7	10° 0	12°19	12°36	26° 4	7°42	T 15
F 16	22 16 31	2°29'43	22°44	18°36	20° 9	24°30	24°40	19°35	16°24	1° 7	9°59	12°18	12°33	26°10	7°44	F 16
S 17	22 20 28	3°27'49	5♋29	20°14	21°24	25° 8	24°37	19°39	16°25	1° 8	9°58	12°17	12°30	26°17	7°45	S 17
S 18	22 24 25	4°25'57	18°37	21°50	22°38	25°46	24°35	19°43	16°27	1° 8	9°57	12°16	12°27	26°24	7°47	S 18
M19	22 28 21	5°24'08	2♌ 8	23°25	23°52	26°24	24°32	19°47	16°29	1° 8	9°55	12°16	12°23	26°31	7°49	M19
T 20	22 32 18	6°22'20	16° 4	24°59	25° 6	27° 2	24°29	19°51	16°30	1° 8	9°54	12°15	12°20	26°37	7°51	T 20
W21	22 36 14	7°20'34	0♍21	26°32	26°21	27°41	24°26	19°54	16°32	1° 9	9°53	12°15	12°17	26°44	7°53	W21
T 22	22 40 11	8°18'49	14°55	28° 3	27°35	28°19	24°23	19°58	16°34	1° 9	9°52	12°D14	12°14	26°51	7°55	T 22
F 23	22 44 7	9°17'07	29°39	29°34	28°49	28°57	24°19	20° 1	16°36	1° 9	9°50	12°15	12°11	26°57	7°57	F 23
S 24	22 48 4	10°15'26	14♎27	1♎ 3	0♍ 4	29°35	24°15	20° 4	16°38	1° 9	9°49	12°15	12° 8	27° 4	7°59	S 24
S 25	22 52 0	11°13'47	29°12	2°31	1°18	0♍13	24°11	20° 7	16°40	1°R 9	9°48	12°15	12° 4	27°11	8° 1	S 25
M26	22 55 57	12°12'09	13♏48	3°57	2°33	0°52	24° 7	20°10	16°42	1° 9	9°47	12°R15	12° 1	27°17	8° 3	M26
T 27	22 59 53	13°10'33	28° 9	5°23	3°47	1°30	24° 3	20°13	16°44	1° 9	9°45	12°15	11°58	27°24	8° 6	T 27
W28	23 3 50	14° 8'59	12♐13	6°47	5° 2	2° 8	23°59	20°16	16°46	1° 9	9°44	12°D15	11°55	27°31	8° 8	W28
T 29	23 7 47	15° 7'26	25°59	8°10	6°16	2°46	23°54	20°19	16°48	1° 8	9°43	12°15	11°52	27°37	8°11	T 29
F 30	23 11 43	16° 5'55	9♑26	9°31	7°31	3°24	23°49	20°22	16°51	1° 8	9°42	12°15	11°49	27°44	8°14	F 30
S 31	23 15 40	17♍ 4'26	22♑37	10♎51	8♍45	4♍ 2	23♈44	20♊24	16♏53	1♊ 8	9♓41	12♓16	11♓45	27♈51	8♐17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n28	27s53	5s14	15n59	1n45	20n28	0n39	17n29	1n 9	8n18	1s27	21n34	1s26	16s25	0n18	18n47	1s40	21s 9	14s34	6s54	6s34	12n40	16s22	5n19
F 2	15 10	28 31	5 1	15 19	1 43	20 13	0 41	17 18	1 9	8 18	1 28	21 34	1 26	16 25	0 18	18 47	1 40	21 10	14 35	6 55	6 35	12 43	16 22	5 19
S 3	14 52	27 25	4 32	14 38	1 41	19 58	0 43	17 7	1 9	8 18	1 28	21 35	1 26	16 25	0 18	18 47	1 40	21 11	14 35	6 56	6 36	12 46	16 23	5 19
S 4	14 34	24 46	3 48	13 56	1 38	19 42	0 45	16 55	1 9	8 17	1 28	21 35	1 26	16 25	0 18	18 47	1 40	21 11	14 35	6 57	6 37	12 50	16 23	5 18
M 5	14 15	20 53	2 54	13 14	1 35	19 26	0 47	16 44	1 9	8 17	1 28	21 36	1 26	16 26	0 18	18 47	1 40	21 12	14 35	6 58	6 39	12 53	16 24	5 18
T 6	13 56	16 5	1 51	12 31	1 32	19 9	0 49	16 32	1 9	8 17	1 29	21 36	1 26	16 26	0 18	18 47	1 40	21 12	14 35	6 59	6 40	12 56	16 24	5 18
W 7	13 37	10 41	0 44	11 47	1 27	18 52	0 51	16 20	1 9	8 17	1 29	21 36	1 26	16 26	0 18	18 47	1 40	21 13	14 35	6 59	6 41	12 59	16 24	5 17
T 8	13 18	4 59	0n24	11 3	1 23	18 34	0 53	16 8	1 9	8 16	1 29	21 37	1 26	16 27	0 18	18 47	1 40	21 14	14 35	7 0	6 42	13 2	16 25	5 17
F 9	12 58	0n49	1 29	10 19	1 18	18 15	0 55	15 56	1 9	8 16	1 29	21 37	1 26	16 27	0 18	18 47	1 40	21 14	14 35	6 59	6 43	13 5	16 25	5 17
S 10	12 39	6 31	2 31	9 34	1 13	17 56	0 57	15 44	1 9	8 15	1 30	21 37	1 26	16 28	0 17	18 47	1 40	21 15	14 36	6 59	6 45	13 8	16 26	5 16
S 11	12 19	11 56	3 25	8 49	1 7	17 37	0 59	15 32	1 9	8 14	1 30	21 37	1 27	16 28	0 17	18 47	1 40	21 15	14 36	6 58	6 46	13 11	16 26	5 16
M12	11 59	16 54	4 10	8 4	1 2	17 17	1 1	15 19	1 9	8 14	1 30	21 38	1 27	16 28	0 17	18 47	1 40	21 16	14 36	6 58	6 47	13 14	16 27	5 16
T 13	11 39	21 15	4 44	7 19	0 56	16 56	1 2	15 7	1 9	8 13	1 30	21 38	1 27	16 29	0 17	18 48	1 41	21 16	14 36	6 58	6 48	13 17	16 27	5 15
W14	11 18	24 47	5 7	6 34	0 49	16 35	1 4	14 54	1 9	8 12	1 31	21 38	1 27	16 29	0 17	18 48	1 41	21 17	14 36	6 57	6 50	13 20	16 28	5 15
T 15	10 57	27 16	5 17	5 49	0 43	16 14	1 5	14 42	1 9	8 11	1 31	21 39	1 27	16 30	0 17	18 48	1 41	21 18	14 36	6 57	6 51	13 23	16 29	5 15
F 16	10 37	28 29	5 12	5 4	0 36	15 52	1 7	14 29	1 9	8 10	1 31	21 39	1 27	16 30	0 17	18 48	1 41	21 18	14 36	6 58	6 52	13 26	16 29	5 14
S 17	10 16	28 14	4 51	4 19	0 29	15 29	1 8	14 16	1 9	8 9	1 31	21 39	1 27	16 31	0 17	18 48	1 41	21 19	14 36	6 58	6 53	13 29	16 30	5 14
S 18	9 55	26 25	4 15	3 35	0 22	15 6	1 10	14 3	1 9	8 8	1 32	21 39	1 27	16 31	0 17	18 48	1 41	21 19	14 36	6 58	6 54	13 32	16 30	5 13
M19	9 33	23 3	3 25	2 50	0 14	14 43	1 11	13 50	1 9	8 7	1 32	21 39	1 27	16 32	0 17	18 48	1 41	21 20	14 36	6 59	6 56	13 35	16 31	5 13
T 20	9 12	18 17	2 20	2 6	0 7	14 19	1 13	13 37	1 9	8 5	1 32	21 40	1 27	16 32	0 17	18 48	1 41	21 20	14 36	6 59	6 57	13 38	16 32	5 13
W21	8 50	12 24	1 6	1 22	0s 1	13 55	1 14	13 24	1 9	8 4	1 32	21 40	1 27	16 33	0 17	18 48	1 41	21 21	14 36	6 59	6 58	13 42	16 32	5 12
T 22	8 28	5 44	0s15	0 39	0 9	13 31	1 15	13 11	1 9	8 2	1 32	21 40	1 27	16 33	0 17	18 48	1 41	21 21	14 37	6 59	6 59	13 45	16 33	5 12
F 23	8 6	1s19	1 35	0s 4	0 16	13 6	1 16	12 57	1 9	8 1	1 33	21 40	1 27	16 34	0 17	18 47	1 41	21 22	14 37	6 59	7 1	13 48	16 34	5 12
S 24	7 44	8 19	2 49	0 47	0 24	12 41	1 17	12 44	1 9	7 59	1 33	21 40	1 27	16 35	0 17	18 47	1 41	21 22	14 37	6 59	7 2	13 51	16 34	5 11
S 25	7 22	14 50	3 52	1 30	0 32	12 15	1 18	12 30	1 9	7 58	1 33	21 41	1 28	16 35	0 17	18 47	1 41	21 23	14 37	6 59	7 3	13 54	16 35	5 11
M26	7 0	20 27	4 39	2 12	0 40	11 49	1 19	12 17	1 9	7 56	1 33	21 41	1 28	16 36	0 17	18 47	1 41	21 23	14 37	6 59	7 4	13 57	16 36	5 11
T 27	6 38	24 48	5 8	2 53	0 48	11 23	1 20	12 3	1 9	7 54	1 33	21 41	1 28	16 36	0 17	18 47	1 41	21 24	14 37	6 59	7 5	14 0	16 36	5 10
W28	6 15	27 33	5 17	3 34	0 56	10 57	1 21	11 49	1 9	7 52	1 34	21 41	1 28	16 37	0 17	18 47	1 41	21 24	14 37	6 59	7 7	14 3	16 37	5 10
T 29	5 53	28 34	5 8	4 14	1 5	10 30	1 22	11 35	1 9	7 51	1 34	21 41	1 28	16 38	0 17	18 47	1 41	21 25	14 37	6 59	7 8	14 6	16 38	5 10
F 30	5 30	27 51	4 42	4 54	1 13	10 3	1 22	11 22	1 9	7 49	1 34	21 41	1 28	16 38	0 17	18 47	1 41	21 25	14 37	6 59	7 9	14 9	16 39	5 9
S 31	5n 7	25s34	4s 2	5s33	1s21	9n35	1n23	11n 8	1n 9	7n47	1s34	21n41	1s28	16s39	0n17	18n47	1s41	21s26	14s37	6s59	7s10	14n12	16s39	5n 9

Julian Day Number = 2291060.5, Delta T = 157.41 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'31, Lahiri = 17°43'31 Julian Calendar 1 Aug. 1560 == Greg. Calendar 11 Aug. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

SEPTEMBER 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 19 36	18♍ 2'58	5♒31	12♎10	10♍ 0	4♍41	23°R39	20♊27	16♏55	1°R 8	9°R39	12♓16	11♓42	27♈57	8♐20	S 1
M 2	23 23 33	19° 1'32	18°12	13°28	11°14	5°19	23♈34	20°29	16°58	1♊ 8	9♓38	12°17	11°39	28° 4	8°23	M 2
T 3	23 27 29	20° 0'08	0♓39	14°43	12°29	5°57	23°28	20°31	17° 0	1° 7	9°37	12°17	11°36	28°11	8°26	T 3
W 4	23 31 26	20°58'45	12°56	15°58	13°44	6°35	23°23	20°34	17° 2	1° 7	9°36	12°R17	11°33	28°17	8°29	W 4
T 5	23 35 22	21°57'25	25° 4	17°10	14°58	7°13	23°17	20°36	17° 5	1° 7	9°34	12°17	11°29	28°24	8°32	T 5
F 6	23 39 19	22°56'06	7♈ 4	18°21	16°13	7°51	23°11	20°38	17° 7	1° 6	9°33	12°16	11°26	28°31	8°35	F 6
S 7	23 43 16	23°54'50	18°58	19°30	17°28	8°30	23° 5	20°39	17°10	1° 6	9°32	12°15	11°23	28°38	8°39	S 7
S 8	23 47 12	24°53'35	0♉49	20°37	18°43	9° 8	22°59	20°41	17°13	1° 5	9°31	12°13	11°20	28°44	8°42	S 8
M 9	23 51 9	25°52'23	12°38	21°42	19°57	9°46	22°52	20°43	17°15	1° 5	9°30	12°11	11°17	28°51	8°46	M 9
T 10	23 55 5	26°51'13	24°30	22°45	21°12	10°24	22°46	20°44	17°18	1° 4	9°28	12° 9	11°14	28°58	8°49	T 10
W11	23 59 2	27°50'05	6♊28	23°45	22°27	11° 2	22°39	20°46	17°21	1° 4	9°27	12° 7	11°10	29° 4	8°53	W11
T 12	0 2 58	28°49'00	18°36	24°43	23°42	11°40	22°33	20°47	17°23	1° 3	9°26	12° 6	11° 7	29°11	8°57	T 12
F 13	0 6 55	29°47'57	0♋58	25°37	24°57	12°19	22°26	20°48	17°26	1° 3	9°25	12°D 6	11° 4	29°18	9° 1	F 13
S 14	0 10 51	0♎46'56	13°38	26°29	26°11	12°57	22°19	20°49	17°29	1° 2	9°24	12° 6	11° 1	29°24	9° 5	S 14
S 15	0 14 48	1°45'58	26°41	27°18	27°26	13°35	22°12	20°50	17°32	1° 1	9°23	12° 8	10°58	29°31	9° 9	S 15
M16	0 18 45	2°45'02	10♌ 9	28° 3	28°41	14°13	22° 5	20°51	17°35	1° 1	9°22	12° 9	10°55	29°38	9°13	M16
T 17	0 22 41	3°44'08	24° 4	28°44	29°56	14°52	21°57	20°52	17°37	1° 0	9°20	12°10	10°51	29°44	9°17	T 17
W18	0 26 38	4°43'17	8♍25	29°21	1♎11	15°30	21°50	20°53	17°40	0°59	9°19	12°R11	10°48	29°51	9°21	W18
T 19	0 30 34	5°42'27	23° 9	29°53	2°26	16° 8	21°42	20°53	17°43	0°59	9°18	12°11	10°45	29°58	9°25	T 19
F 20	0 34 31	6°41'40	8♎10	0♏20	3°41	16°46	21°35	20°54	17°46	0°58	9°17	12° 9	10°42	0♉ 4	9°30	F 20
S 21	0 38 27	7°40'55	23°20	0°42	4°56	17°24	21°27	20°54	17°49	0°57	9°16	12° 7	10°39	0°11	9°34	S 21
S 22	0 42 24	8°40'11	8♏28	0°58	6°11	18° 3	21°19	20°54	17°52	0°56	9°15	12° 3	10°35	0°18	9°39	S 22
M23	0 46 20	9°39'30	23°25	1° 7	7°26	18°41	21°12	20°R54	17°56	0°55	9°14	11°59	10°32	0°25	9°43	M23
T 24	0 50 17	10°38'51	8♐ 3	1°R 9	8°41	19°19	21° 4	20°54	17°59	0°54	9°13	11°56	10°29	0°31	9°48	T 24
W25	0 54 14	11°38'13	22°18	1° 4	9°56	19°57	20°56	20°54	18° 2	0°53	9°12	11°53	10°26	0°38	9°53	W25
T 26	0 58 10	12°37'38	6♑ 7	0°51	11°11	20°36	20°48	20°54	18° 5	0°52	9°11	11°52	10°23	0°45	9°58	T 26
F 27	1 2 7	13°37'04	19°32	0°30	12°26	21°14	20°40	20°53	18° 8	0°51	9°10	11°D52	10°20	0°51	10° 2	F 27
S 28	1 6 3	14°36'31	2♒33	0° 1	13°42	21°52	20°32	20°53	18°11	0°50	9° 9	11°53	10°16	0°58	10° 7	S 28
S 29	1 10 0	15°36'01	15°15	29♎23	14°57	22°30	20°24	20°52	18°15	0°49	9° 8	11°54	10°13	1° 5	10°12	S 29
M30	1 13 56	16♎35'32	27♒41	28♎37	16♎12	23♍ 9	20♈16	20♊52	18♏18	0♊48	9♓ 7	11♓56	10♓10	1♉11	10♐17	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n44	22s 0	3s10	6s11	1s29	9n 8	1n23	10n54	1n 9	7n45	1s34	21n41	1s28	16s40	0n17	18n47	1s42	21s26	14s37	6s59	7s11	14n15	16s40	5n 9
M 2	4 21	17 28	2 10	6 49	1 37	8 40	1 24	10 40	1 9	7 42	1 35	21 41	1 28	16 40	0 17	18 47	1 42	21 27	14 37	6 58	7 13	14 18	16 41	5 8
T 3	3 58	12 16	1 4	7 26	1 45	8 11	1 24	10 25	1 9	7 40	1 35	21 42	1 28	16 41	0 17	18 47	1 42	21 27	14 37	6 58	7 14	14 21	16 42	5 8
W 4	3 35	6 40	0n 4	8 2	1 53	7 43	1 25	10 11	1 9	7 38	1 35	21 42	1 28	16 42	0 17	18 47	1 42	21 27	14 37	6 58	7 15	14 24	16 42	5 8
T 5	3 12	0 54	1 10	8 37	2 0	7 14	1 25	9 57	1 9	7 36	1 35	21 42	1 28	16 42	0 17	18 46	1 42	21 28	14 36	6 58	7 16	14 27	16 43	5 7
F 6	2 49	4n51	2 13	9 11	2 8	6 46	1 25	9 43	1 9	7 34	1 35	21 42	1 29	16 43	0 17	18 46	1 42	21 28	14 36	6 58	7 18	14 30	16 44	5 7
S 7	2 25	10 22	3 9	9 44	2 16	6 17	1 25	9 28	1 9	7 31	1 35	21 42	1 29	16 44	0 17	18 46	1 42	21 29	14 36	6 59	7 19	14 33	16 45	5 7
S 8	2 2	15 29	3 57	10 17	2 23	5 47	1 26	9 14	1 9	7 29	1 35	21 42	1 29	16 45	0 17	18 46	1 42	21 29	14 36	7 0	7 20	14 36	16 46	5 6
M 9	1 39	20 2	4 35	10 48	2 30	5 18	1 26	8 59	1 9	7 26	1 36	21 42	1 29	16 45	0 17	18 46	1 42	21 30	14 36	7 0	7 21	14 39	16 47	5 6
T 10	1 15	23 48	5 1	11 18	2 37	4 48	1 26	8 45	1 9	7 24	1 36	21 42	1 29	16 46	0 17	18 46	1 42	21 30	14 36	7 1	7 22	14 41	16 47	5 6
W11	0 52	26 36	5 14	11 46	2 44	4 19	1 25	8 30	1 9	7 21	1 36	21 42	1 29	16 47	0 17	18 46	1 42	21 30	14 36	7 2	7 24	14 44	16 48	5 6
T 12	0 28	28 13	5 14	12 14	2 50	3 49	1 25	8 16	1 9	7 19	1 36	21 42	1 29	16 48	0 17	18 45	1 42	21 31	14 36	7 2	7 25	14 47	16 49	5 5
F 13	0 5	28 29	4 59	12 40	2 56	3 19	1 25	8 1	1 9	7 16	1 36	21 42	1 29	16 49	0 17	18 45	1 42	21 31	14 36	7 2	7 26	14 50	16 50	5 5
S 14	0s19	27 16	4 29	13 4	3 2	2 49	1 25	7 46	1 9	7 13	1 36	21 42	1 29	16 49	0 17	18 45	1 42	21 31	14 36	7 2	7 27	14 53	16 51	5 5
S 15	0 42	24 33	3 45	13 27	3 7	2 19	1 24	7 31	1 9	7 11	1 36	21 42	1 29	16 50	0 17	18 45	1 42	21 32	14 36	7 2	7 28	14 56	16 52	5 4
M16	1 6	20 26	2 48	13 48	3 12	1 48	1 24	7 17	1 9	7 8	1 36	21 42	1 29	16 51	0 17	18 45	1 42	21 32	14 36	7 1	7 30	14 59	16 53	5 4
T 17	1 29	15 5	1 38	14 7	3 17	1 18	1 24	7 2	1 8	7 5	1 36	21 42	1 29	16 52	0 17	18 45	1 42	21 32	14 35	7 1	7 31	15 2	16 53	5 4
W18	1 53	8 45	0 21	14 23	3 20	0 48	1 23	6 47	1 8	7 2	1 36	21 42	1 29	16 53	0 17	18 44	1 42	21 33	14 35	7 0	7 32	15 5	16 54	5 3
T 19	2 16	1 48	1s 0	14 38	3 24	0 17	1 22	6 32	1 8	6 59	1 37	21 42	1 30	16 54	0 17	18 44	1 42	21 33	14 35	7 1	7 33	15 8	16 55	5 3
F 20	2 40	5s22	2 18	14 50	3 26	0s13	1 22	6 17	1 8	6 56	1 37	21 42	1 30	16 54	0 17	18 44	1 42	21 33	14 35	7 1	7 34	15 11	16 56	5 3
S 21	3 3	12 17	3 27	14 59	3 28	0 44	1 21	6 2	1 8	6 54	1 37	21 42	1 30	16 55	0 17	18 44	1 42	21 34	14 35	7 2	7 36	15 14	16 57	5 3
S 22	3 27	18 29	4 21	15 5	3 28	1 14	1 20	5 47	1 8	6 51	1 37	21 42	1 30	16 56	0 17	18 43	1 43	21 34	14 35	7 3	7 37	15 17	16 58	5 2
M23	3 50	23 28	4 57	15 8	3 28	1 45	1 19	5 32	1 8	6 48	1 37	21 41	1 30	16 57	0 17	18 43	1 43	21 34	14 35	7 5	7 38	15 20	16 59	5 2
T 24	4 14	26 51	5 12	15 8	3 27	2 15	1 18	5 17	1 8	6 45	1 37	21 41	1 30	16 58	0 17	18 43	1 43	21 34	14 35	7 6	7 39	15 23	17 0	5 2
W25	4 37	28 24	5 8	15 3	3 24	2 46	1 17	5 1	1 8	6 42	1 37	21 41	1 30	16 59	0 17	18 43	1 43	21 35	14 34	7 7	7 40	15 25	17 1	5 2
T 26	5 0	28 7	4 46	14 55	3 20	3 16	1 16	4 46	1 8	6 39	1 37	21 41	1 30	17 0	0 17	18 43	1 43	21 35	14 34	7 8	7 42	15 28	17 2	5 1
F 27	5 23	26 10	4 8	14 42	3 14	3 46	1 15	4 31	1 8	6 36	1 37	21 41	1 30	17 1	0 16	18 42	1 43	21 35	14 34	7 8	7 43	15 31	17 3	5 1
S 28	5 46	22 52	3 19	14 25	3 7	4 17	1 14	4 16	1 7	6 33	1 37	21 41	1 30	17 2	0 16	18 42	1 43	21 35	14 34	7 7	7 44	15 34	17 4	5 1
S 29	6 9	18 33	2 21	14 3	2 58	4 47	1 13	4 1	1 7	6 30	1 37	21 41	1 30	17 2	0 16	18 42	1 43	21 36	14 34	7 7	7 45	15 37	17 4	5 1
M30	6s32	13s31	1s17	13s37	2s47	5s17	1n12	3n45	1n 7	6n27	1s37	21n41	1s30	17s 3	0n16	18n42	1s43	21s36	14s33	7s 6	7s46	15n40	17s 5	5n 0

Julian Day Number = 2291091.5, Delta T = 157.24 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'35, Lahiri = 17°43'35 Julian Calendar 1 Sept. 1560 == Greg. Calendar 11 Sept. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

OCTOBER 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 17 53	17♎35'05	9♓54	27°R43	17♎27	23♍47	20°R 8	20°R51	18♏21	0°R47	9°R 6	11°R57	10♓ 7	1♉18	10♐23	T 1
W 2	1 21 49	18°34'40	21°58	26♎42	18°42	24°25	20♈ 0	20♊50	18°25	0♊46	9♓ 5	11♓56	10° 4	1°25	10°28	W 2
T 3	1 25 46	19°34'17	3♈55	25°35	19°57	25° 4	19°51	20°49	18°28	0°45	9° 4	11°54	10° 0	1°31	10°33	T 3
F 4	1 29 43	20°33'55	15°49	24°23	21°12	25°42	19°43	20°48	18°31	0°43	9° 3	11°50	9°57	1°38	10°38	F 4
S 5	1 33 39	21°33'36	27°40	23° 9	22°27	26°20	19°35	20°47	18°35	0°42	9° 3	11°44	9°54	1°45	10°44	S 5
S 6	1 37 36	22°33'19	9♉30	21°53	23°43	26°58	19°27	20°45	18°38	0°41	9° 2	11°36	9°51	1°52	10°49	S 6
M 7	1 41 32	23°33'04	21°22	20°40	24°58	27°37	19°19	20°44	18°42	0°40	9° 1	11°28	9°48	1°58	10°54	M 7
T 8	1 45 29	24°32'51	3♊17	19°30	26°13	28°15	19°11	20°42	18°45	0°38	9° 0	11°20	9°45	2° 5	11° 0	T 8
W 9	1 49 25	25°32'40	15°18	18°26	27°28	28°53	19° 3	20°40	18°49	0°37	8°59	11°13	9°41	2°12	11° 6	W 9
T 10	1 53 22	26°32'32	27°27	17°30	28°43	29°32	18°55	20°39	18°52	0°36	8°59	11° 7	9°38	2°18	11°11	T 10
F 11	1 57 18	27°32'25	9♋48	16°44	29°58	0♎10	18°47	20°37	18°56	0°34	8°58	11° 3	9°35	2°25	11°17	F 11
S 12	2 1 15	28°32'21	22°24	16° 8	1♏14	0°48	18°39	20°35	18°59	0°33	8°57	11° 1	9°32	2°32	11°23	S 12
S 13	2 5 12	29°32'19	5♌19	15°43	2°29	1°27	18°31	20°33	19° 3	0°32	8°56	11°D 1	9°29	2°38	11°28	S 13
M14	2 9 8	0♏32'19	18°38	15°30	3°44	2° 5	18°23	20°31	19° 6	0°30	8°56	11° 2	9°26	2°45	11°34	M14
T 15	2 13 5	1°32'22	2♍22	15°D28	4°59	2°43	18°16	20°28	19°10	0°29	8°55	11° 3	9°22	2°52	11°40	T 15
W16	2 17 1	2°32'26	16°34	15°37	6°15	3°22	18° 8	20°26	19°13	0°27	8°54	11°R 3	9°19	2°58	11°46	W16
T 17	2 20 58	3°32'33	1♎13	15°57	7°30	4° 0	18° 1	20°23	19°17	0°26	8°54	11° 2	9°16	3° 5	11°52	T 17
F 18	2 24 54	4°32'42	16°14	16°26	8°45	4°38	17°53	20°21	19°21	0°24	8°53	10°58	9°13	3°12	11°58	F 18
S 19	2 28 51	5°32'52	1♏29	17° 5	10° 0	5°17	17°46	20°18	19°24	0°23	8°52	10°51	9°10	3°19	12° 4	S 19
S 20	2 32 47	6°33'05	16°48	17°52	11°16	5°55	17°38	20°15	19°28	0°21	8°52	10°43	9° 6	3°25	12°10	S 20
M21	2 36 44	7°33'19	2♐ 0	18°45	12°31	6°34	17°31	20°12	19°32	0°20	8°51	10°34	9° 3	3°32	12°16	M21
T 22	2 40 41	8°33'35	16°54	19°46	13°46	7°12	17°24	20° 9	19°35	0°18	8°51	10°25	9° 0	3°39	12°22	T 22
W23	2 44 37	9°33'53	1♑23	20°51	15° 2	7°50	17°17	20° 6	19°39	0°17	8°50	10°18	8°57	3°45	12°29	W23
T 24	2 48 34	10°34'12	15°23	22° 2	16°17	8°29	17°10	20° 3	19°43	0°15	8°50	10°13	8°54	3°52	12°35	T 24
F 25	2 52 30	11°34'33	28°53	23°17	17°32	9° 7	17° 4	20° 0	19°46	0°14	8°49	10°10	8°51	3°59	12°41	F 25
S 26	2 56 27	12°34'55	11♒55	24°35	18°47	9°46	16°57	19°57	19°50	0°12	8°49	10°D 9	8°47	4° 5	12°48	S 26
S 27	3 0 23	13°35'18	24°34	25°56	20° 3	10°24	16°51	19°53	19°54	0°10	8°49	10°10	8°44	4°12	12°54	S 27
M28	3 4 20	14°35'43	6♓54	27°19	21°18	11° 2	16°44	19°50	19°57	0° 9	8°48	10°R10	8°41	4°19	13° 0	M28
T 29	3 8 16	15°36'09	19° 0	28°45	22°33	11°41	16°38	19°46	20° 1	0° 7	8°48	10°10	8°38	4°26	13° 7	T 29
W30	3 12 13	16°36'36	0♈57	0♏13	23°48	12°19	16°32	19°42	20° 5	0° 6	8°47	10° 8	8°35	4°32	13°13	W30
T 31	3 16 10	17♏37'05	12♈49	1♏42	25♏ 4	12♎58	16♈26	19♊39	20♏ 9	0♊ 4	8♓47	10♓ 3	8♓32	4♉39	13♐20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s55	8s 3	0s11	13s 5	2s35	5s47	1n10	3n30	1n 7	6n24	1s37	21n41	1s30	17s 4	0n16	18n41	1s43	21s36	14s33	7s 6	7s48	15n43	17s 6	5n 0
W 2	7 18	2 22	0n54	12 30	2 20	6 17	1 9	3 15	1 7	6 21	1 37	21 41	1 31	17 5	0 16	18 41	1 43	21 36	14 33	7 6	7 49	15 46	17 7	5 0
T 3	7 41	3n21	1 57	11 50	2 4	6 47	1 8	2 59	1 7	6 18	1 37	21 40	1 31	17 6	0 16	18 41	1 43	21 36	14 33	7 7	7 50	15 49	17 8	5 0
F 4	8 3	8 54	2 54	11 7	1 46	7 16	1 6	2 44	1 7	6 15	1 37	21 40	1 31	17 7	0 16	18 40	1 43	21 37	14 33	7 9	7 51	15 51	17 9	5 0
S 5	8 26	14 7	3 43	10 22	1 27	7 46	1 5	2 29	1 7	6 12	1 37	21 40	1 31	17 8	0 16	18 40	1 43	21 37	14 33	7 11	7 53	15 54	17 10	4 59
S 6	8 48	18 49	4 22	9 35	1 7	8 15	1 3	2 13	1 6	6 9	1 37	21 40	1 31	17 9	0 16	18 40	1 43	21 37	14 32	7 14	7 54	15 57	17 11	4 59
M 7	9 10	22 48	4 50	8 49	0 47	8 44	1 1	1 58	1 6	6 6	1 36	21 40	1 31	17 10	0 16	18 40	1 43	21 37	14 32	7 17	7 55	16 0	17 12	4 59
T 8	9 32	25 51	5 5	8 3	0 26	9 13	1 0	1 43	1 6	6 3	1 36	21 40	1 31	17 11	0 16	18 39	1 43	21 37	14 32	7 20	7 56	16 3	17 13	4 59
W 9	9 54	27 47	5 7	7 20	0 5	9 42	0 58	1 27	1 6	6 0	1 36	21 39	1 31	17 12	0 16	18 39	1 43	21 37	14 32	7 23	7 57	16 6	17 14	4 59
T 10	10 16	28 24	4 56	6 40	0n14	10 10	0 56	1 12	1 6	5 57	1 36	21 39	1 31	17 13	0 16	18 39	1 43	21 37	14 31	7 25	7 59	16 9	17 15	4 59
F 11	10 37	27 38	4 31	6 5	0 33	10 38	0 55	0 56	1 6	5 54	1 36	21 39	1 31	17 14	0 16	18 38	1 43	21 37	14 31	7 26	8 0	16 11	17 16	4 58
S 12	10 59	25 27	3 52	5 35	0 50	11 6	0 53	0 41	1 6	5 51	1 36	21 39	1 31	17 15	0 16	18 38	1 43	21 37	14 31	7 27	8 1	16 14	17 17	4 58
S 13	11 20	21 54	3 0	5 11	1 6	11 34	0 51	0 25	1 5	5 48	1 36	21 39	1 31	17 16	0 16	18 38	1 43	21 37	14 31	7 27	8 2	16 17	17 18	4 58
M14	11 41	17 9	1 58	4 53	1 20	12 2	0 49	0 10	1 5	5 45	1 36	21 38	1 31	17 17	0 16	18 37	1 43	21 37	14 30	7 27	8 3	16 20	17 18	4 58
T 15	12 2	11 23	0 47	4 41	1 33	12 29	0 47	0s 5	1 5	5 42	1 36	21 38	1 31	17 18	0 16	18 37	1 43	21 38	14 30	7 26	8 4	16 23	17 19	4 58
W16	12 23	4 51	0s30	4 34	1 43	12 56	0 45	0 21	1 5	5 39	1 35	21 38	1 31	17 19	0 16	18 37	1 43	21 38	14 30	7 26	8 6	16 26	17 20	4 58
T 17	12 44	2s 6	1 46	4 34	1 52	13 22	0 43	0 36	1 5	5 37	1 35	21 38	1 31	17 20	0 16	18 36	1 43	21 38	14 30	7 27	8 7	16 28	17 21	4 57
F 18	13 4	9 7	2 57	4 38	2 0	13 49	0 41	0 52	1 5	5 34	1 35	21 38	1 31	17 21	0 16	18 36	1 43	21 38	14 29	7 28	8 8	16 31	17 22	4 57
S 19	13 24	15 43	3 56	4 48	2 5	14 14	0 39	1 7	1 4	5 31	1 35	21 37	1 32	17 22	0 16	18 36	1 43	21 38	14 29	7 31	8 9	16 34	17 23	4 57
S 20	13 44	21 21	4 39	5 2	2 10	14 40	0 37	1 22	1 4	5 29	1 35	21 37	1 32	17 23	0 16	18 35	1 43	21 38	14 29	7 34	8 10	16 37	17 24	4 57
M21	14 4	25 32	5 1	5 20	2 12	15 5	0 34	1 38	1 4	5 26	1 35	21 37	1 32	17 24	0 16	18 35	1 43	21 38	14 29	7 37	8 12	16 40	17 25	4 57
T 22	14 23	27 53	5 3	5 41	2 14	15 30	0 32	1 53	1 4	5 24	1 35	21 37	1 32	17 25	0 16	18 35	1 43	21 37	14 28	7 41	8 13	16 42	17 26	4 57
W23	14 43	28 14	4 45	6 5	2 15	15 54	0 30	2 9	1 4	5 21	1 34	21 36	1 32	17 26	0 16	18 34	1 43	21 37	14 28	7 43	8 14	16 45	17 27	4 57
T 24	15 2	26 45	4 10	6 32	2 14	16 18	0 28	2 24	1 4	5 19	1 34	21 36	1 32	17 27	0 16	18 34	1 43	21 37	14 28	7 45	8 15	16 48	17 27	4 57
F 25	15 21	23 44	3 22	7 1	2 13	16 42	0 25	2 39	1 3	5 16	1 34	21 36	1 32	17 28	0 16	18 34	1 43	21 37	14 28	7 46	8 16	16 51	17 28	4 57
S 26	15 39	19 34	2 25	7 31	2 11	17 5	0 23	2 55	1 3	5 14	1 34	21 36	1 32	17 29	0 16	18 33	1 44	21 37	14 27	7 47	8 18	16 54	17 29	4 56
S 27	15 57	14 39	1 22	8 4	2 8	17 28	0 21	3 10	1 3	5 12	1 34	21 35	1 32	17 30	0 16	18 33	1 44	21 37	14 27	7 47	8 19	16 56	17 30	4 56
M28	16 15	9 16	0 17	8 37	2 4	17 50	0 18	3 25	1 3	5 9	1 33	21 35	1 32	17 31	0 16	18 33	1 44	21 37	14 27	7 46	8 20	16 59	17 31	4 56
T 29	16 33	3 39	0n47	9 11	2 0	18 12	0 16	3 40	1 2	5 7	1 33	21 35	1 32	17 32	0 16	18 32	1 44	21 37	14 26	7 46	8 21	17 2	17 32	4 56
W30	16 51	2n 2	1 48	9 46	1 56	18 33	0 14	3 56	1 2	5 5	1 33	21 34	1 32	17 33	0 16	18 32	1 44	21 37	14 26	7 47	8 22	17 5	17 33	4 56
T 31	17s 8	7n36	2n44	10s22	1n51	18s54	0n11	4s11	1n 2	5n 3	1s33	21n34	1s32	17s34	0n16	18n32	1s44	21s37	14s26	7s49	8s24	17n 7	17s33	4n56

Julian Day Number = 2291121.5, Delta T = 157.07 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'39, Lahiri = 17°43'40 Julian Calendar 1 Oct. 1560 == Greg. Calendar 11 Oct. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

NOVEMBER 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 20 6	18♏37'36	24♈38	3♏12	26♏19	13♎36	16°R20	19°R35	20♏12	0°R 2	8°R47	9°R55	8♓28	4♉46	13♐26	F 1
S 2	3 24 3	19°38'07	6♉29	4°43	27°34	14°15	16♈15	19♊31	20°16	0♊ 1	8♓47	9♓45	8°25	4°52	13°33	S 2
S 3	3 27 59	20°38'41	18°22	6°15	28°50	14°53	16° 9	19°27	20°20	29♉59	8°46	9°32	8°22	4°59	13°39	S 3
M 4	3 31 56	21°39'16	0♊19	7°47	0♐ 5	15°31	16° 4	19°23	20°23	29°57	8°46	9°19	8°19	5° 6	13°46	M 4
T 5	3 35 52	22°39'52	12°22	9°20	1°20	16°10	15°59	19°19	20°27	29°56	8°46	9° 5	8°16	5°12	13°53	T 5
W 6	3 39 49	23°40'30	24°31	10°53	2°35	16°48	15°54	19°15	20°31	29°54	8°46	8°52	8°12	5°19	13°59	W 6
T 7	3 43 45	24°41'09	6♋48	12°27	3°51	17°27	15°50	19°10	20°35	29°52	8°46	8°41	8° 9	5°26	14° 6	T 7
F 8	3 47 42	25°41'51	19°14	14° 1	5° 6	18° 5	15°45	19° 6	20°38	29°51	8°45	8°33	8° 6	5°33	14°13	F 8
S 9	3 51 39	26°42'33	1♌53	15°35	6°21	18°44	15°41	19° 2	20°42	29°49	8°45	8°29	8° 3	5°39	14°19	S 9
S 10	3 55 35	27°43'17	14°47	17° 9	7°37	19°22	15°36	18°57	20°46	29°47	8°45	8°26	8° 0	5°46	14°26	S 10
M11	3 59 32	28°44'03	28° 0	18°43	8°52	20° 1	15°32	18°53	20°49	29°45	8°45	8°D26	7°57	5°53	14°33	M11
T 12	4 3 28	29°44'51	11♍33	20°17	10° 7	20°39	15°29	18°48	20°53	29°44	8°45	8°R26	7°53	5°59	14°40	T 12
W13	4 7 25	0♐45'39	25°31	21°52	11°22	21°18	15°25	18°44	20°57	29°42	8°D45	8°25	7°50	6° 6	14°46	W13
T 14	4 11 21	1°46'30	9♎54	23°26	12°38	21°56	15°22	18°39	21° 0	29°40	8°45	8°22	7°47	6°13	14°53	T 14
F 15	4 15 18	2°47'22	24°39	25° 0	13°53	22°35	15°18	18°35	21° 4	29°39	8°45	8°17	7°44	6°19	15° 0	F 15
S 16	4 19 14	3°48'15	9♏41	26°34	15° 8	23°13	15°15	18°30	21° 8	29°37	8°45	8° 8	7°41	6°26	15° 7	S 16
S 17	4 23 11	4°49'10	24°52	28° 8	16°24	23°52	15°13	18°25	21°11	29°35	8°45	7°58	7°38	6°33	15°14	S 17
M18	4 27 8	5°50'06	10♐ 1	29°43	17°39	24°31	15°10	18°20	21°15	29°34	8°45	7°46	7°34	6°40	15°21	M18
T 19	4 31 4	6°51'02	24°58	1♐17	18°54	25° 9	15° 8	18°16	21°19	29°32	8°46	7°34	7°31	6°46	15°28	T 19
W20	4 35 1	7°52'00	9♑33	2°51	20° 9	25°48	15° 5	18°11	21°22	29°30	8°46	7°24	7°28	6°53	15°34	W20
T 21	4 38 57	8°52'59	23°41	4°25	21°25	26°26	15° 3	18° 6	21°26	29°29	8°46	7°16	7°25	7° 0	15°41	T 21
F 22	4 42 54	9°53'58	7♒19	5°59	22°40	27° 5	15° 2	18° 1	21°30	29°27	8°46	7°11	7°22	7° 6	15°48	F 22
S 23	4 46 50	10°54'58	20°28	7°33	23°55	27°43	15° 0	17°56	21°33	29°25	8°46	7° 8	7°18	7°13	15°55	S 23
S 24	4 50 47	11°55'59	3♓11	9° 7	25°10	28°22	14°59	17°51	21°37	29°24	8°47	7° 8	7°15	7°20	16° 2	S 24
M25	4 54 43	12°57'00	15°33	10°41	26°26	29° 0	14°57	17°46	21°40	29°22	8°47	7° 8	7°12	7°27	16° 9	M25
T 26	4 58 40	13°58'01	27°39	12°16	27°41	29°39	14°56	17°41	21°44	29°20	8°47	7° 7	7° 9	7°33	16°16	T 26
W27	5 2 37	14°59'04	9♈35	13°50	28°56	0♏18	14°56	17°36	21°47	29°19	8°48	7° 5	7° 6	7°40	16°23	W27
T 28	5 6 33	16° 0'06	21°25	15°24	0♑11	0°56	14°55	17°31	21°51	29°17	8°48	7° 0	7° 3	7°47	16°30	T 28
F 29	5 10 30	17° 1'09	3♉14	16°59	1°27	1°35	14°55	17°26	21°54	29°15	8°49	6°52	6°59	7°53	16°37	F 29
S 30	5 14 26	18♐ 2'13	15♉ 6	18♐33	2♑42	2♏13	14°D55	17♊21	21♏58	29♉14	8♓49	6♓42	6♓56	8♉ 0	16♐44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s25	12n52	3n33	10s58	1n45	19s14	0n 9	4s26	1n 2	5n 1	1s32	21n34	1s32	17s35	0n16	18n31	1s44	21s36	14s26	7s52	8s25	17n10	17s34	4n56
S 2	17 41	17 41	4 12	11 34	1 40	19 34	0 7	4 41	1 2	4 59	1 32	21 33	1 32	17 36	0 16	18 31	1 44	21 36	14 25	7 56	8 26	17 13	17 35	4 56
S 3	17 57	21 50	4 41	12 10	1 34	19 53	0 4	4 56	1 1	4 57	1 32	21 33	1 32	17 37	0 16	18 31	1 44	21 36	14 25	8 1	8 27	17 16	17 36	4 56
M 4	18 13	25 6	4 57	12 46	1 28	20 11	0 2	5 11	1 1	4 56	1 32	21 33	1 32	17 38	0 16	18 30	1 44	21 36	14 25	8 6	8 28	17 18	17 37	4 56
T 5	18 29	27 17	5 0	13 21	1 21	20 29	0s 1	5 26	1 1	4 54	1 31	21 33	1 32	17 39	0 16	18 30	1 44	21 36	14 24	8 11	8 30	17 21	17 37	4 56
W 6	18 44	28 12	4 50	13 57	1 15	20 47	0 3	5 41	1 1	4 52	1 31	21 32	1 32	17 40	0 16	18 30	1 44	21 35	14 24	8 16	8 31	17 24	17 38	4 56
T 7	18 59	27 45	4 26	14 32	1 8	21 4	0 6	5 56	1 0	4 51	1 31	21 32	1 32	17 41	0 16	18 29	1 44	21 35	14 24	8 20	8 32	17 27	17 39	4 56
F 8	19 14	25 53	3 49	15 7	1 1	21 20	0 8	6 11	1 0	4 49	1 31	21 32	1 32	17 42	0 16	18 29	1 44	21 35	14 23	8 23	8 33	17 29	17 40	4 56
S 9	19 28	22 43	3 0	15 41	0 54	21 36	0 10	6 26	1 0	4 48	1 30	21 31	1 32	17 43	0 16	18 28	1 44	21 35	14 23	8 25	8 34	17 32	17 41	4 56
S 10	19 42	18 22	2 2	16 14	0 48	21 51	0 13	6 41	1 0	4 46	1 30	21 31	1 32	17 44	0 16	18 28	1 44	21 35	14 23	8 26	8 35	17 35	17 41	4 56
M11	19 56	13 4	0 55	16 47	0 41	22 5	0 15	6 56	0 59	4 45	1 30	21 31	1 32	17 45	0 16	18 28	1 44	21 34	14 23	8 26	8 37	17 37	17 42	4 56
T 12	20 9	6 59	0s17	17 19	0 34	22 19	0 18	7 10	0 59	4 44	1 30	21 30	1 32	17 46	0 16	18 27	1 44	21 34	14 22	8 26	8 38	17 40	17 43	4 56
W13	20 22	0 25	1 29	17 51	0 27	22 32	0 20	7 25	0 59	4 43	1 29	21 30	1 32	17 47	0 16	18 27	1 44	21 34	14 22	8 26	8 39	17 43	17 43	4 56
T 14	20 34	6s21	2 38	18 22	0 20	22 44	0 22	7 40	0 59	4 42	1 29	21 30	1 32	17 48	0 16	18 27	1 44	21 33	14 22	8 27	8 40	17 46	17 44	4 56
F 15	20 46	12 57	3 38	18 51	0 13	22 56	0 25	7 54	0 58	4 41	1 29	21 29	1 32	17 49	0 16	18 26	1 44	21 33	14 21	8 29	8 41	17 48	17 45	4 56
S 16	20 58	18 55	4 24	19 20	0 6	23 7	0 27	8 9	0 58	4 40	1 28	21 29	1 31	17 50	0 16	18 26	1 44	21 33	14 21	8 32	8 43	17 51	17 46	4 56
S 17	21 9	23 45	4 52	19 49	0s 1	23 18	0 30	8 23	0 58	4 39	1 28	21 28	1 31	17 51	0 16	18 26	1 44	21 32	14 21	8 36	8 44	17 54	17 46	4 56
M18	21 20	26 57	5 0	20 16	0 8	23 27	0 32	8 38	0 57	4 38	1 28	21 28	1 31	17 52	0 16	18 25	1 44	21 32	14 20	8 41	8 45	17 56	17 47	4 56
T 19	21 30	28 10	4 46	20 42	0 14	23 36	0 34	8 52	0 57	4 38	1 27	21 28	1 31	17 53	0 16	18 25	1 44	21 32	14 20	8 45	8 46	17 59	17 48	4 56
W20	21 41	27 23	4 15	21 7	0 21	23 44	0 37	9 7	0 57	4 37	1 27	21 27	1 31	17 54	0 16	18 25	1 44	21 31	14 20	8 49	8 47	18 2	17 48	4 56
T 21	21 50	24 50	3 28	21 32	0 28	23 52	0 39	9 21	0 57	4 37	1 27	21 27	1 31	17 55	0 16	18 24	1 43	21 31	14 19	8 52	8 49	18 4	17 49	4 56
F 22	21 59	20 55	2 30	21 55	0 34	23 59	0 41	9 35	0 56	4 36	1 27	21 27	1 31	17 55	0 16	18 24	1 43	21 31	14 19	8 54	8 50	18 7	17 49	4 57
S 23	22 8	16 4	1 27	22 17	0 40	24 5	0 43	9 49	0 56	4 36	1 26	21 26	1 31	17 56	0 16	18 24	1 43	21 30	14 19	8 55	8 51	18 10	17 50	4 57
S 24	22 17	10 41	0 21	22 38	0 47	24 10	0 46	10 3	0 56	4 36	1 26	21 26	1 31	17 57	0 16	18 23	1 43	21 30	14 18	8 55	8 52	18 12	17 51	4 57
M25	22 24	5 2	0n44	22 58	0 53	24 15	0 48	10 17	0 55	4 35	1 26	21 26	1 31	17 58	0 16	18 23	1 43	21 30	14 18	8 55	8 53	18 15	17 51	4 57
T 26	22 32	0n41	1 46	23 17	0 58	24 19	0 50	10 31	0 55	4 35	1 25	21 25	1 31	17 59	0 16	18 23	1 43	21 29	14 18	8 55	8 54	18 18	17 52	4 57
W27	22 39	6 18	2 43	23 35	1 4	24 22	0 52	10 45	0 55	4 35	1 25	21 25	1 31	18 0	0 16	18 22	1 43	21 29	14 18	8 56	8 56	18 20	17 52	4 57
T 28	22 46	11 38	3 31	23 51	1 10	24 24	0 54	10 59	0 54	4 35	1 25	21 24	1 31	18 1	0 16	18 22	1 43	21 28	14 17	8 58	8 57	18 23	17 53	4 57
F 29	22 52	16 33	4 11	24 6	1 15	24 26	0 56	11 12	0 54	4 36	1 24	21 24	1 31	18 2	0 16	18 22	1 43	21 28	14 17	9 1	8 58	18 25	17 53	4 57
S 30	22s58	20n51	4n39	24s20	1s20	24s26	0s58	11s26	0n54	4n36	1s24	21n24	1s30	18s 3	0n16	18n21	1s43	21s27	14s17	9s 5	8s59	18n28	17s54	4n58

Julian Day Number = 2291152.5, Delta T = 156.89 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'43, Lahiri = 17°43'44 Julian Calendar 1 Nov. 1560 == Greg. Calendar 11 Nov. 1560

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ASTRODIENST EPHEMERIS for the year 1560
geocentric

DECEMBER 1560 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 18 23	19♐ 3'17	27♉ 4	20♐ 8	3♏57	2♏52	14♈55	17°R17	22♏ 1	29°R12	8♓49	6°R29	6♓53	8♉ 7	16♐50	S 1
M 2	5 22 19	20° 4'22	9♊ 8	21°43	5°12	3°30	14°55	17♊12	22° 4	29♉11	8°50	6♓15	6°50	8°13	16°57	M 2
T 3	5 26 16	21° 5'28	21°22	23°18	6°28	4° 9	14°55	17° 7	22° 8	29° 9	8°50	6° 1	6°47	8°20	17° 4	T 3
W 4	5 30 13	22° 6'34	3♋44	24°53	7°43	4°48	14°56	17° 2	22°11	29° 8	8°51	5°48	6°44	8°27	17°11	W 4
T 5	5 34 9	23° 7'40	16°16	26°29	8°58	5°26	14°57	16°57	22°15	29° 6	8°51	5°37	6°40	8°34	17°18	T 5
F 6	5 38 6	24° 8'47	28°57	28° 4	10°13	6° 5	14°58	16°52	22°18	29° 5	8°52	5°28	6°37	8°40	17°25	F 6
S 7	5 42 2	25° 9'55	11♌50	29°40	11°28	6°43	15° 0	16°47	22°21	29° 3	8°53	5°23	6°34	8°47	17°32	S 7
S 8	5 45 59	26°11'03	24°54	1♏16	12°43	7°22	15° 1	16°42	22°24	29° 2	8°53	5°21	6°31	8°54	17°39	S 8
M 9	5 49 55	27°12'11	8♍11	2°52	13°59	8° 1	15° 3	16°37	22°28	29° 0	8°54	5°D21	6°28	9° 0	17°45	M 9
T 10	5 53 52	28°13'21	21°44	4°29	15°14	8°39	15° 5	16°32	22°31	28°59	8°54	5°R21	6°24	9° 7	17°52	T 10
W11	5 57 48	29°14'30	5♎34	6° 6	16°29	9°18	15° 7	16°28	22°34	28°57	8°55	5°21	6°21	9°14	17°59	W11
T 12	6 1 45	0♏15'41	19°41	7°42	17°44	9°56	15° 9	16°23	22°37	28°56	8°56	5°19	6°18	9°21	18° 6	T 12
F 13	6 5 42	1°16'52	4♏ 6	9°20	18°59	10°35	15°12	16°18	22°40	28°54	8°57	5°15	6°15	9°27	18°13	F 13
S 14	6 9 38	2°18'03	18°44	10°57	20°14	11°14	15°15	16°13	22°43	28°53	8°57	5° 9	6°12	9°34	18°19	S 14
S 15	6 13 35	3°19'15	3♐31	12°34	21°29	11°52	15°17	16° 9	22°46	28°52	8°58	5° 0	6° 9	9°41	18°26	S 15
M16	6 17 31	4°20'27	18°19	14°12	22°44	12°31	15°21	16° 4	22°50	28°50	8°59	4°50	6° 5	9°47	18°33	M16
T 17	6 21 28	5°21'39	3♑ 0	15°49	24° 0	13°10	15°24	16° 0	22°53	28°49	9° 0	4°40	6° 2	9°54	18°40	T 17
W18	6 25 24	6°22'52	17°26	17°27	25°15	13°48	15°28	15°55	22°55	28°48	9° 1	4°31	5°59	10° 1	18°46	W18
T 19	6 29 21	7°24'04	1♒29	19° 5	26°30	14°27	15°31	15°51	22°58	28°47	9° 1	4°25	5°56	10° 8	18°53	T 19
F 20	6 33 17	8°25'16	15° 8	20°42	27°45	15° 5	15°35	15°46	23° 1	28°45	9° 2	4°20	5°53	10°14	19° 0	F 20
S 21	6 37 14	9°26'27	28°20	22°19	29° 0	15°44	15°39	15°42	23° 4	28°44	9° 3	4°D18	5°50	10°21	19° 6	S 21
S 22	6 41 11	10°27'38	11♓ 8	23°56	0♒15	16°23	15°44	15°38	23° 7	28°43	9° 4	4°18	5°46	10°28	19°13	S 22
M23	6 45 7	11°28'49	23°35	25°32	1°30	17° 1	15°48	15°34	23°10	28°42	9° 5	4°20	5°43	10°34	19°19	M23
T 24	6 49 4	12°29'59	5♈44	27° 8	2°45	17°40	15°53	15°29	23°13	28°41	9° 6	4°21	5°40	10°41	19°26	T 24
W25	6 53 0	13°31'09	17°43	28°43	4° 0	18°18	15°58	15°25	23°15	28°40	9° 7	4°R21	5°37	10°48	19°32	W25
T 26	6 56 57	14°32'18	29°34	0♒17	5°15	18°57	16° 3	15°21	23°18	28°39	9° 8	4°19	5°34	10°54	19°39	T 26
F 27	7 0 53	15°33'26	11♉25	1°49	6°30	19°36	16° 8	15°17	23°21	28°37	9° 9	4°16	5°30	11° 1	19°45	F 27
S 28	7 4 50	16°34'34	23°19	3°19	7°45	20°14	16°13	15°13	23°23	28°36	9°10	4°10	5°27	11° 8	19°51	S 28
S 29	7 8 46	17°35'42	5♊20	4°48	9° 0	20°53	16°19	15°10	23°26	28°35	9°11	4° 2	5°24	11°15	19°58	S 29
M30	7 12 43	18°36'48	17°31	6°13	10°14	21°31	16°25	15° 6	23°28	28°34	9°12	3°54	5°21	11°21	20° 4	M30
T 31	7 16 40	19♏37'54	29♊54	7♒36	11♒29	22♏10	16♈31	15♊ 2	23♏31	28♉34	9♓13	3♓45	5♓18	11♉28	20♐10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	24n21	4n56	24s33	1s26	24s27	1s 0	11s40	0n53	4n36	1s24	21n23	1s30	18s 4	0n16	18n21	1s43	21s27	14s16	9s 9	9s 0	18n31	17s55	4n58
M 2	23 8	26 48	5 0	24 44	1 30	24 26	1 2	11 53	0 53	4 37	1 23	21 23	1 30	18 5	0 16	18 21	1 43	21 26	14 16	9 14	9 2	18 33	17 55	4 58
T 3	23 12	28 2	4 50	24 55	1 35	24 24	1 4	12 7	0 53	4 37	1 23	21 23	1 30	18 5	0 16	18 20	1 43	21 26	14 16	9 20	9 3	18 36	17 55	4 58
W 4	23 16	27 52	4 26	25 3	1 39	24 22	1 6	12 20	0 52	4 38	1 23	21 22	1 30	18 6	0 16	18 20	1 43	21 26	14 15	9 25	9 4	18 39	17 56	4 58
T 5	23 19	26 17	3 49	25 11	1 43	24 19	1 8	12 33	0 52	4 38	1 22	21 22	1 30	18 7	0 16	18 20	1 43	21 25	14 15	9 29	9 5	18 41	17 56	4 58
F 6	23 22	23 21	3 0	25 16	1 47	24 16	1 10	12 46	0 51	4 39	1 22	21 21	1 30	18 8	0 16	18 19	1 43	21 25	14 15	9 32	9 6	18 44	17 57	4 58
S 7	23 25	19 13	2 1	25 21	1 51	24 11	1 11	12 59	0 51	4 40	1 22	21 21	1 30	18 9	0 16	18 19	1 43	21 24	14 14	9 33	9 7	18 46	17 57	4 59
S 8	23 27	14 7	0 55	25 24	1 54	24 6	1 13	13 12	0 51	4 41	1 22	21 21	1 30	18 10	0 16	18 19	1 43	21 24	14 14	9 34	9 9	18 49	17 58	4 59
M 9	23 28	8 17	0s15	25 25	1 57	24 0	1 15	13 25	0 50	4 42	1 21	21 20	1 29	18 11	0 16	18 19	1 43	21 23	14 14	9 35	9 10	18 51	17 58	4 59
T 10	23 29	1 58	1 26	25 25	2 0	23 53	1 16	13 38	0 50	4 43	1 21	21 20	1 29	18 11	0 16	18 18	1 43	21 22	14 14	9 34	9 11	18 54	17 59	4 59
W11	23 30	4s34	2 33	25 24	2 3	23 46	1 18	13 51	0 49	4 44	1 21	21 20	1 29	18 12	0 16	18 18	1 43	21 22	14 13	9 34	9 12	18 57	17 59	4 59
T 12	23 30	11 0	3 33	25 21	2 5	23 38	1 19	14 3	0 49	4 45	1 20	21 19	1 29	18 13	0 16	18 18	1 43	21 21	14 13	9 35	9 13	18 59	17 59	5 0
F 13	23 30	16 59	4 20	25 16	2 6	23 29	1 21	14 16	0 49	4 46	1 20	21 19	1 29	18 14	0 16	18 17	1 43	21 21	14 13	9 36	9 14	19 2	18 0	5 0
S 14	23 29	22 6	4 51	25 10	2 8	23 19	1 22	14 28	0 48	4 48	1 20	21 19	1 29	18 15	0 16	18 17	1 43	21 20	14 12	9 39	9 16	19 4	18 0	5 0
S 15	23 27	25 52	5 3	25 2	2 9	23 9	1 23	14 41	0 48	4 49	1 19	21 18	1 29	18 15	0 16	18 17	1 43	21 20	14 12	9 42	9 17	19 7	18 0	5 0
M16	23 26	27 53	4 55	24 53	2 9	22 58	1 25	14 53	0 47	4 50	1 19	21 18	1 28	18 16	0 16	18 17	1 43	21 19	14 12	9 46	9 18	19 9	18 1	5 1
T 17	23 23	27 55	4 28	24 42	2 9	22 46	1 26	15 5	0 47	4 52	1 19	21 18	1 28	18 17	0 16	18 16	1 43	21 19	14 12	9 49	9 19	19 12	18 1	5 1
W18	23 21	26 3	3 43	24 29	2 9	22 34	1 27	15 17	0 46	4 54	1 18	21 17	1 28	18 18	0 16	18 16	1 43	21 18	14 11	9 53	9 20	19 14	18 1	5 1
T 19	23 17	22 35	2 46	24 15	2 8	22 21	1 28	15 29	0 46	4 55	1 18	21 17	1 28	18 18	0 16	18 16	1 43	21 17	14 11	9 55	9 22	19 17	18 1	5 1
F 20	23 14	17 57	1 41	23 59	2 6	22 7	1 29	15 41	0 45	4 57	1 18	21 17	1 28	18 19	0 16	18 16	1 43	21 17	14 11	9 57	9 23	19 19	18 2	5 2
S 21	23 10	12 35	0 32	23 41	2 4	21 53	1 30	15 52	0 45	4 59	1 17	21 17	1 28	18 20	0 16	18 16	1 43	21 16	14 11	9 57	9 24	19 22	18 2	5 2
S 22	23 5	6 51	0n37	23 22	2 2	21 38	1 31	16 4	0 45	5 1	1 17	21 16	1 28	18 21	0 16	18 15	1 43	21 16	14 10	9 57	9 25	19 24	18 2	5 2
M23	23 0	1 0	1 42	23 1	1 58	21 22	1 32	16 15	0 44	5 3	1 17	21 16	1 27	18 21	0 16	18 15	1 42	21 15	14 10	9 57	9 26	19 27	18 2	5 3
T 24	22 55	4n45	2 41	22 39	1 54	21 6	1 32	16 27	0 44	5 5	1 17	21 16	1 27	18 22	0 16	18 15	1 42	21 14	14 10	9 56	9 27	19 30	18 3	5 3
W25	22 49	10 13	3 32	22 16	1 50	20 49	1 33	16 38	0 43	5 7	1 16	21 15	1 27	18 23	0 16	18 15	1 42	21 14	14 10	9 56	9 29	19 32	18 3	5 3
T 26	22 42	15 17	4 13	21 51	1 45	20 31	1 34	16 49	0 43	5 10	1 16	21 15	1 27	18 23	0 16	18 15	1 42	21 13	14 9	9 57	9 30	19 34	18 3	5 3
F 27	22 35	19 47	4 44	21 24	1 38	20 13	1 34	17 0	0 42	5 12	1 16	21 15	1 27	18 24	0 16	18 14	1 42	21 13	14 9	9 58	9 31	19 37	18 3	5 4
S 28	22 28	23 31	5 2	20 57	1 31	19 54	1 35	17 11	0 42	5 14	1 15	21 15	1 26	18 25	0 16	18 14	1 42	21 12	14 9	10 0	9 32	19 39	18 3	5 4
S 29	22 20	26 17	5 7	20 28	1 24	19 35	1 35	17 22	0 41	5 17	1 15	21 14	1 26	18 25	0 16	18 14	1 42	21 11	14 9	10 3	9 33	19 42	18 3	5 4
M30	22 12	27 52	4 59	19 59	1 15	19 15	1 36	17 32	0 41	5 19	1 15	21 14	1 26	18 26	0 16	18 14	1 42	21 11	14 8	10 6	9 34	19 44	18 4	5 5
T 31	22s 3	28n 6	4n36	19s28	1s 6	18s55	1s36	17s43	0n40	5n22	1s15	21n14	1s26	18s26	0n16	18n14	1s42	21s10	14s 8	10s 9	9s36	19n47	18s 4	5n 5

Julian Day Number = 2291182.5, Delta T = 156.73 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'48, Lahiri = 17°43'48 Julian Calendar 1 Dec. 1560 == Greg. Calendar 11 Dec. 1560

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

JANUARY 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 20 36	20♉39'00	12♋31	8♒55	12♒44	22♏49	16♈37	14°R59	23♏33	28°R33	9♓15	3°R37	5♓15	11♉35	20♐17	W 1
T 2	7 24 33	21°40'05	25°20	10° 9	13°59	23°27	16°43	14♊55	23°36	28♉32	9°16	3♓30	5°11	11°41	20°23	T 2
F 3	7 28 29	22°41'09	8♌23	11°19	15°14	24° 6	16°50	14°52	23°38	28°31	9°17	3°25	5° 8	11°48	20°29	F 3
S 4	7 32 26	23°42'13	21°38	12°23	16°28	24°44	16°56	14°49	23°40	28°30	9°18	3°23	5° 5	11°55	20°35	S 4
S 5	7 36 22	24°43'16	5♍ 4	13°20	17°43	25°23	17° 3	14°45	23°42	28°29	9°19	3°D22	5° 2	12° 2	20°41	S 5
M 6	7 40 19	25°44'18	18°40	14°10	18°58	26° 1	17°10	14°42	23°45	28°28	9°20	3°23	4°59	12° 8	20°47	M 6
T 7	7 44 16	26°45'20	2♎26	14°51	20°13	26°40	17°17	14°39	23°47	28°28	9°22	3°25	4°56	12°15	20°53	T 7
W 8	7 48 12	27°46'22	16°22	15°24	21°27	27°19	17°24	14°36	23°49	28°27	9°23	3°26	4°52	12°22	20°59	W 8
T 9	7 52 9	28°47'23	0♏26	15°46	22°42	27°57	17°32	14°34	23°51	28°26	9°24	3°R26	4°49	12°28	21° 5	T 9
F 10	7 56 5	29°48'23	14°38	15°58	23°57	28°36	17°39	14°31	23°53	28°26	9°25	3°25	4°46	12°35	21°11	F 10
S 11	8 0 2	0♒49'23	28°56	15°R59	25°11	29°14	17°47	14°28	23°55	28°25	9°27	3°23	4°43	12°42	21°17	S 11
S 12	8 3 58	1°50'23	13♐16	15°48	26°26	29°53	17°55	14°26	23°57	28°25	9°28	3°19	4°40	12°49	21°22	S 12
M13	8 7 55	2°51'21	27°34	15°26	27°40	0♑31	18° 3	14°23	23°59	28°24	9°29	3°14	4°36	12°55	21°28	M13
T 14	8 11 51	3°52'19	11♉46	14°53	28°55	1°10	18°11	14°21	24° 1	28°24	9°31	3°10	4°33	13° 2	21°34	T 14
W15	8 15 48	4°53'16	25°47	14°10	0♓ 9	1°48	18°19	14°19	24° 3	28°23	9°32	3° 5	4°30	13° 9	21°39	W15
T 16	8 19 45	5°54'12	9♒32	13°17	1°24	2°27	18°28	14°16	24° 4	28°23	9°33	3° 2	4°27	13°15	21°45	T 16
F 17	8 23 41	6°55'07	22°58	12°17	2°38	3° 5	18°36	14°14	24° 6	28°22	9°35	3° 1	4°24	13°22	21°50	F 17
S 18	8 27 38	7°56'01	6♓ 4	11°11	3°53	3°44	18°45	14°12	24° 8	28°22	9°36	3°D 0	4°21	13°29	21°56	S 18
S 19	8 31 34	8°56'53	18°50	10° 0	5° 7	4°22	18°54	14°11	24° 9	28°21	9°38	3° 1	4°17	13°36	22° 1	S 19
M20	8 35 31	9°57'44	1♈17	8°48	6°21	5° 1	19° 3	14° 9	24°11	28°21	9°39	3° 3	4°14	13°42	22° 7	M20
T 21	8 39 27	10°58'33	13°29	7°35	7°36	5°39	19°12	14° 7	24°12	28°21	9°40	3° 4	4°11	13°49	22°12	T 21
W22	8 43 24	11°59'21	25°30	6°24	8°50	6°18	19°22	14° 6	24°14	28°21	9°42	3° 6	4° 8	13°56	22°17	W22
T 23	8 47 20	13° 0'07	7♉24	5°17	10° 4	6°56	19°31	14° 4	24°15	28°20	9°43	3° 7	4° 5	14° 2	22°22	T 23
F 24	8 51 17	14° 0'52	19°16	4°16	11°18	7°35	19°40	14° 3	24°17	28°20	9°45	3°R 7	4° 2	14° 9	22°27	F 24
S 25	8 55 14	15° 1'35	1♊10	3°20	12°32	8°13	19°50	14° 2	24°18	28°20	9°46	3° 6	3°58	14°16	22°32	S 25
S 26	8 59 10	16° 2'17	13°12	2°32	13°46	8°51	20° 0	14° 1	24°19	28°20	9°48	3° 4	3°55	14°23	22°37	S 26
M27	9 3 7	17° 2'57	25°26	1°51	15° 0	9°30	20°10	14° 0	24°20	28°20	9°49	3° 2	3°52	14°29	22°42	M27
T 28	9 7 3	18° 3'36	7♋54	1°18	16°14	10° 8	20°20	13°59	24°22	28°D20	9°51	3° 0	3°49	14°36	22°47	T 28
W29	9 11 0	19° 4'13	20°40	0°53	17°28	10°47	20°30	13°58	24°23	28°20	9°52	2°57	3°46	14°43	22°52	W29
T 30	9 14 56	20° 4'48	3♌44	0°36	18°42	11°25	20°40	13°58	24°24	28°20	9°54	2°56	3°42	14°49	22°56	T 30
F 31	9 18 53	21♒ 5'21	17♌ 6	0♒27	19♓56	12♐ 3	20♈51	13♊57	24♏25	28♉20	9♓55	2♓55	3♓39	14♉56	23♐ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s54	26n54	4n 0	18s58	0s55	18s34	1s36	17s53	0n39	5n24	1s14	21n14	1s26	18s27	0n16	18n14	1s42	21s 9	14s 8	10s12	9s37	19n49	18s 4	5n 6
T 2	21 45	24 15	3 11	18 27	0 44	18 13	1 36	18 3	0 39	5 27	1 14	21 14	1 26	18 28	0 16	18 13	1 42	21 9	14 8	10 15	9 38	19 52	18 4	5 6
F 3	21 35	20 19	2 11	17 56	0 31	17 51	1 36	18 13	0 38	5 30	1 14	21 13	1 25	18 28	0 16	18 13	1 42	21 8	14 7	10 17	9 39	19 54	18 4	5 6
S 4	21 25	15 20	1 3	17 25	0 18	17 28	1 36	18 23	0 38	5 32	1 13	21 13	1 25	18 29	0 16	18 13	1 42	21 8	14 7	10 17	9 40	19 57	18 4	5 7
S 5	21 14	9 32	0s 9	16 55	0 4	17 5	1 36	18 33	0 37	5 35	1 13	21 13	1 25	18 29	0 16	18 13	1 42	21 7	14 7	10 18	9 41	19 59	18 4	5 7
M 6	21 3	3 14	1 22	16 26	0n12	16 42	1 36	18 43	0 37	5 38	1 13	21 13	1 25	18 30	0 16	18 13	1 42	21 6	14 7	10 17	9 43	20 2	18 4	5 7
T 7	20 51	3s17	2 32	15 59	0 28	16 18	1 36	18 53	0 36	5 41	1 13	21 13	1 24	18 30	0 16	18 13	1 42	21 6	14 7	10 17	9 44	20 4	18 4	5 8
W 8	20 40	9 43	3 33	15 33	0 44	15 54	1 36	19 2	0 35	5 44	1 12	21 13	1 24	18 31	0 16	18 13	1 42	21 5	14 6	10 16	9 45	20 6	18 4	5 8
T 9	20 27	15 44	4 22	15 10	1 2	15 29	1 35	19 11	0 35	5 47	1 12	21 13	1 24	18 32	0 16	18 13	1 42	21 4	14 6	10 16	9 46	20 9	18 4	5 9
F 10	20 14	20 58	4 55	14 50	1 19	15 4	1 35	19 20	0 34	5 50	1 12	21 13	1 24	18 32	0 16	18 13	1 42	21 4	14 6	10 17	9 47	20 11	18 4	5 9
S 11	20 1	25 1	5 11	14 32	1 37	14 38	1 35	19 29	0 34	5 54	1 11	21 12	1 24	18 33	0 16	18 12	1 41	21 3	14 6	10 17	9 48	20 14	18 4	5 9
S 12	19 48	27 32	5 7	14 18	1 55	14 13	1 34	19 38	0 33	5 57	1 11	21 12	1 23	18 33	0 16	18 12	1 41	21 2	14 6	10 19	9 50	20 16	18 4	5 10
M13	19 34	28 13	4 44	14 8	2 13	13 46	1 33	19 47	0 32	6 0	1 11	21 12	1 23	18 33	0 16	18 12	1 41	21 2	14 6	10 21	9 51	20 18	18 4	5 10
T 14	19 20	27 2	4 4	14 2	2 29	13 20	1 33	19 56	0 32	6 4	1 11	21 12	1 23	18 34	0 16	18 12	1 41	21 1	14 5	10 22	9 52	20 21	18 4	5 11
W15	19 5	24 9	3 10	13 59	2 45	12 53	1 32	20 4	0 31	6 7	1 10	21 12	1 23	18 34	0 16	18 12	1 41	21 0	14 5	10 24	9 53	20 23	18 4	5 11
T 16	18 51	19 55	2 5	14 0	2 59	12 25	1 31	20 12	0 30	6 10	1 10	21 12	1 23	18 35	0 16	18 12	1 41	21 0	14 5	10 25	9 54	20 26	18 3	5 12
F 17	18 35	14 46	0 55	14 5	3 12	11 58	1 30	20 21	0 30	6 14	1 10	21 12	1 22	18 35	0 16	18 12	1 41	20 59	14 5	10 26	9 55	20 28	18 3	5 12
S 18	18 20	9 3	0n17	14 13	3 23	11 30	1 29	20 29	0 29	6 17	1 10	21 12	1 22	18 36	0 16	18 12	1 41	20 58	14 5	10 26	9 56	20 30	18 3	5 12
S 19	18 4	3 7	1 26	14 24	3 31	11 1	1 28	20 36	0 28	6 21	1 9	21 12	1 22	18 36	0 16	18 12	1 41	20 58	14 5	10 25	9 58	20 33	18 3	5 13
M20	17 48	2n48	2 29	14 37	3 37	10 33	1 27	20 44	0 28	6 25	1 9	21 12	1 22	18 36	0 16	18 12	1 41	20 57	14 4	10 25	9 59	20 35	18 3	5 13
T 21	17 31	8 29	3 25	14 52	3 40	10 4	1 25	20 52	0 27	6 28	1 9	21 12	1 21	18 37	0 16	18 12	1 41	20 56	14 4	10 24	10 0	20 37	18 3	5 14
W22	17 14	13 46	4 10	15 9	3 41	9 35	1 24	20 59	0 26	6 32	1 9	21 12	1 21	18 37	0 16	18 12	1 41	20 56	14 4	10 24	10 1	20 40	18 3	5 14
T 23	16 57	18 29	4 44	15 26	3 40	9 5	1 23	21 6	0 25	6 36	1 8	21 12	1 21	18 37	0 16	18 12	1 41	20 55	14 4	10 23	10 2	20 42	18 2	5 15
F 24	16 40	22 29	5 6	15 44	3 37	8 36	1 21	21 13	0 25	6 40	1 8	21 12	1 21	18 38	0 16	18 12	1 41	20 54	14 4	10 23	10 3	20 44	18 2	5 15
S 25	16 22	25 35	5 15	16 2	3 31	8 6	1 20	21 20	0 24	6 44	1 8	21 12	1 21	18 38	0 16	18 12	1 41	20 53	14 4	10 24	10 5	20 47	18 2	5 16
S 26	16 4	27 34	5 10	16 20	3 24	7 36	1 18	21 27	0 23	6 48	1 8	21 13	1 20	18 38	0 16	18 12	1 41	20 53	14 4	10 24	10 6	20 49	18 2	5 16
M27	15 46	28 17	4 52	16 37	3 16	7 6	1 17	21 34	0 22	6 51	1 8	21 13	1 20	18 39	0 16	18 12	1 41	20 52	14 4	10 25	10 7	20 51	18 1	5 17
T 28	15 27	27 34	4 19	16 53	3 6	6 35	1 15	21 40	0 22	6 55	1 7	21 13	1 20	18 39	0 16	18 12	1 40	20 51	14 4	10 26	10 8	20 54	18 1	5 17
W29	15 9	25 24	3 33	17 9	2 56	6 5	1 13	21 46	0 21	7 0	1 7	21 13	1 20	18 39	0 16	18 12	1 40	20 51	14 3	10 27	10 9	20 56	18 1	5 18
T 30	14 50	21 52	2 34	17 24	2 45	5 34	1 11	21 53	0 20	7 4	1 7	21 13	1 19	18 39	0 16	18 12	1 40	20 50	14 3	10 27	10 10	20 58	18 1	5 18
F 31	14s30	17n 7	1n26	17s37	2n33	5s 3	1s 9	21s59	0n19	7n 8	1s 7	21n13	1s19	18s40	0n16	18n12	1s40	20s49	14s 3	10s28	10s12	21n 1	18s 0	5n19

Julian Day Number = 2291213.5, Delta T = 156.55 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'52, Lahiri = 17°43'52 Julian Calendar 1 Jan. 1561 == Greg. Calendar 11 Jan. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

FEBRUARY 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 22 49	22♒ 5'53	0♍46	0°D25	21♓10	12♐42	21♈ 1	13°R57	24♏26	28♉20	9♓57	2°D54	3♓36	15♉ 3	23♐ 5	S 1
S 2	9 26 46	23° 6'24	14°39	0♒30	22°24	13°20	21°12	13♊57	24°26	28°20	9°58	2♓54	3°33	15°10	23°10	S 2
M 3	9 30 43	24° 6'53	28°44	0°41	23°37	13°58	21°22	13°56	24°27	28°20	10° 0	2°55	3°30	15°16	23°14	M 3
T 4	9 34 39	25° 7'20	12♎56	0°58	24°51	14°36	21°33	13°D56	24°28	28°21	10° 1	2°56	3°27	15°23	23°19	T 4
W 5	9 38 36	26° 7'46	27°11	1°21	26° 5	15°15	21°44	13°57	24°29	28°21	10° 3	2°56	3°23	15°30	23°23	W 5
T 6	9 42 32	27° 8'11	11♏27	1°50	27°18	15°53	21°55	13°57	24°29	28°21	10° 4	2°57	3°20	15°36	23°27	T 6
F 7	9 46 29	28° 8'35	25°41	2°23	28°32	16°31	22° 6	13°57	24°30	28°21	10° 6	2°R57	3°17	15°43	23°31	F 7
S 8	9 50 25	29° 8'57	9♐50	3° 1	29°45	17° 9	22°17	13°57	24°31	28°22	10° 8	2°57	3°14	15°50	23°35	S 8
S 9	9 54 22	0♓ 9'18	23°52	3°43	0♈59	17°48	22°29	13°58	24°31	28°22	10° 9	2°57	3°11	15°57	23°39	S 9
M10	9 58 18	1° 9'37	7♑45	4°29	2°12	18°26	22°40	13°59	24°32	28°23	10°11	2°57	3° 8	16° 3	23°43	M10
T 11	10 2 15	2° 9'55	21°29	5°18	3°25	19° 4	22°52	13°59	24°32	28°23	10°12	2°56	3° 4	16°10	23°47	T 11
W12	10 6 12	3°10'12	5♒ 0	6°11	4°38	19°42	23° 3	14° 0	24°32	28°24	10°14	2°D56	3° 1	16°17	23°50	W12
T 13	10 10 8	4°10'26	18°18	7° 7	5°52	20°20	23°15	14° 1	24°33	28°24	10°15	2°56	2°58	16°24	23°54	T 13
F 14	10 14 5	5°10'39	1♓23	8° 5	7° 5	20°58	23°27	14° 2	24°33	28°25	10°17	2°R56	2°55	16°30	23°58	F 14
S 15	10 18 1	6°10'50	14°12	9° 7	8°18	21°37	23°39	14° 4	24°33	28°25	10°19	2°56	2°52	16°37	24° 1	S 15
S 16	10 21 58	7°10'59	26°48	10°10	9°31	22°15	23°51	14° 5	24°33	28°26	10°20	2°56	2°48	16°44	24° 4	S 16
M17	10 25 54	8°11'06	9♈10	11°16	10°44	22°53	24° 3	14° 6	24°33	28°26	10°22	2°56	2°45	16°50	24° 8	M17
T 18	10 29 51	9°11'11	21°20	12°25	11°57	23°31	24°15	14° 8	24°R33	28°27	10°23	2°55	2°42	16°57	24°11	T 18
W19	10 33 47	10°11'14	3♉20	13°35	13° 9	24° 9	24°27	14° 9	24°33	28°28	10°25	2°54	2°39	17° 4	24°14	W19
T 20	10 37 44	11°11'15	15°14	14°48	14°22	24°46	24°39	14°11	24°33	28°29	10°27	2°53	2°36	17°11	24°17	T 20
F 21	10 41 41	12°11'14	27° 6	16° 2	15°35	25°24	24°51	14°13	24°33	28°29	10°28	2°52	2°33	17°17	24°20	F 21
S 22	10 45 37	13°11'11	9♊ 0	17°18	16°47	26° 2	25° 4	14°15	24°33	28°30	10°30	2°D52	2°29	17°24	24°23	S 22
S 23	10 49 34	14°11'05	21° 1	18°36	18° 0	26°40	25°16	14°17	24°32	28°31	10°31	2°52	2°26	17°31	24°26	S 23
M24	10 53 30	15°10'58	3♋13	19°55	19°12	27°18	25°29	14°19	24°32	28°32	10°33	2°52	2°23	17°37	24°29	M24
T 25	10 57 27	16°10'48	15°41	21°16	20°25	27°56	25°42	14°22	24°32	28°33	10°35	2°53	2°20	17°44	24°31	T 25
W26	11 1 23	17°10'36	28°28	22°39	21°37	28°33	25°54	14°24	24°31	28°34	10°36	2°55	2°17	17°51	24°34	W26
T 27	11 5 20	18°10'21	11♌37	24° 3	22°49	29°11	26° 7	14°27	24°31	28°35	10°38	2°56	2°14	17°58	24°36	T 27
F 28	11 9 16	19♓10'05	25♌10	25♒28	24♈ 1	29♐49	26♈20	14♊29	24♏30	28♉36	10♓39	2♓57	2♓10	18♉ 4	24♐39	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s11	11n25	0n12	17s49	2n21	4s33	1s 7	22s 4	0n18	7n12	1s 6	21n14	1s19	18s40	0n16	18n13	1s40	20s49	14s 3	10s28	10s13	21n 3	18s 0	5n20
S 2	13 51	5 4	1s 5	18 1	2 8	4 1	1 5	22 10	0 17	7 16	1 6	21 14	1 19	18 40	0 16	18 13	1 40	20 48	14 3	10 28	10 14	21 5	18 0	5 20
M 3	13 31	1s36	2 18	18 10	1 56	3 30	1 3	22 16	0 17	7 20	1 6	21 14	1 18	18 40	0 16	18 13	1 40	20 47	14 3	10 28	10 15	21 7	17 59	5 21
T 4	13 11	8 15	3 24	18 19	1 43	2 59	1 1	22 21	0 16	7 24	1 6	21 14	1 18	18 40	0 16	18 13	1 40	20 47	14 3	10 27	10 16	21 10	17 59	5 21
W 5	12 50	14 30	4 17	18 26	1 30	2 28	0 59	22 26	0 15	7 29	1 6	21 14	1 18	18 41	0 16	18 13	1 40	20 46	14 3	10 27	10 17	21 12	17 59	5 22
T 6	12 30	19 59	4 55	18 32	1 18	1 56	0 56	22 31	0 14	7 33	1 5	21 15	1 18	18 41	0 16	18 13	1 40	20 46	14 3	10 27	10 18	21 14	17 58	5 22
F 7	12 9	24 19	5 14	18 36	1 6	1 25	0 54	22 36	0 13	7 37	1 5	21 15	1 18	18 41	0 16	18 13	1 40	20 45	14 3	10 27	10 20	21 17	17 58	5 23
S 8	11 48	27 10	5 15	18 39	0 54	0 53	0 52	22 40	0 12	7 42	1 5	21 15	1 17	18 41	0 16	18 13	1 40	20 44	14 3	10 27	10 21	21 19	17 58	5 23
S 9	11 27	28 17	4 56	18 41	0 42	0 22	0 49	22 45	0 11	7 46	1 5	21 15	1 17	18 41	0 16	18 14	1 40	20 44	14 3	10 27	10 22	21 21	17 57	5 24
M10	11 5	27 36	4 20	18 42	0 31	0n10	0 47	22 49	0 10	7 50	1 5	21 16	1 17	18 41	0 16	18 14	1 40	20 43	14 3	10 27	10 23	21 23	17 57	5 25
T 11	10 44	25 14	3 30	18 40	0 20	0 41	0 44	22 53	0 9	7 55	1 4	21 16	1 17	18 41	0 16	18 14	1 40	20 42	14 3	10 27	10 24	21 26	17 56	5 25
W12	10 22	21 28	2 29	18 38	0 9	1 13	0 41	22 57	0 8	7 59	1 4	21 16	1 16	18 41	0 16	18 14	1 40	20 42	14 3	10 27	10 25	21 28	17 56	5 26
T 13	10 0	16 39	1 20	18 34	0s 2	1 44	0 39	23 1	0 8	8 4	1 4	21 17	1 16	18 42	0 16	18 14	1 39	20 41	14 3	10 27	10 26	21 30	17 55	5 26
F 14	9 38	11 9	0 9	18 29	0 12	2 16	0 36	23 5	0 7	8 8	1 4	21 17	1 16	18 42	0 16	18 14	1 39	20 40	14 3	10 27	10 28	21 32	17 55	5 27
S 15	9 16	5 17	1n 2	18 22	0 22	2 47	0 33	23 8	0 6	8 13	1 4	21 18	1 16	18 42	0 16	18 15	1 39	20 40	14 3	10 27	10 29	21 34	17 55	5 28
S 16	8 54	0n41	2 8	18 14	0 31	3 19	0 30	23 12	0 5	8 18	1 3	21 18	1 15	18 42	0 16	18 15	1 39	20 39	14 3	10 27	10 30	21 37	17 54	5 28
M17	8 31	6 31	3 8	18 5	0 40	3 50	0 27	23 15	0 4	8 22	1 3	21 18	1 15	18 42	0 16	18 15	1 39	20 39	14 3	10 27	10 31	21 39	17 54	5 29
T 18	8 9	12 0	3 57	17 54	0 49	4 21	0 24	23 18	0 3	8 27	1 3	21 19	1 15	18 42	0 16	18 15	1 39	20 38	14 3	10 28	10 32	21 41	17 53	5 29
W19	7 46	16 58	4 36	17 42	0 57	4 53	0 21	23 21	0 1	8 31	1 3	21 19	1 15	18 42	0 16	18 15	1 39	20 37	14 3	10 28	10 33	21 43	17 53	5 30
T 20	7 23	21 15	5 2	17 28	1 5	5 24	0 18	23 23	0 0	8 36	1 3	21 20	1 15	18 42	0 16	18 16	1 39	20 37	14 3	10 28	10 34	21 45	17 52	5 31
F 21	7 0	24 40	5 15	17 14	1 13	5 55	0 15	23 26	0s 1	8 41	1 3	21 20	1 14	18 42	0 16	18 16	1 39	20 36	14 3	10 29	10 36	21 48	17 52	5 31
S 22	6 37	27 2	5 15	16 57	1 20	6 25	0 12	23 28	0 2	8 45	1 2	21 20	1 14	18 42	0 16	18 16	1 39	20 36	14 3	10 29	10 37	21 50	17 51	5 32
S 23	6 14	28 12	5 1	16 40	1 27	6 56	0 9	23 30	0 3	8 50	1 2	21 21	1 14	18 41	0 16	18 16	1 39	20 35	14 3	10 29	10 38	21 52	17 51	5 33
M24	5 51	28 1	4 33	16 21	1 33	7 27	0 6	23 32	0 4	8 55	1 2	21 21	1 14	18 41	0 16	18 17	1 39	20 34	14 3	10 29	10 39	21 54	17 50	5 33
T 25	5 28	26 25	3 52	16 0	1 39	7 57	0 3	23 34	0 5	9 0	1 2	21 22	1 13	18 41	0 16	18 17	1 39	20 34	14 3	10 28	10 40	21 56	17 50	5 34
W26	5 5	23 27	2 59	15 39	1 45	8 27	0n 0	23 36	0 6	9 4	1 2	21 22	1 13	18 41	0 16	18 17	1 39	20 33	14 3	10 28	10 41	21 58	17 49	5 34
T 27	4 41	19 11	1 55	15 16	1 50	8 57	0 4	23 37	0 7	9 9	1 2	21 23	1 13	18 41	0 16	18 17	1 39	20 33	14 3	10 27	10 42	22 0	17 49	5 35
F 28	4s18	13n50	0n43	14s51	1s55	9n27	0n 7	23s38	0s 9	9n14	1s 1	21n23	1s13	18s41	0n16	18n18	1s39	20s32	14s 3	10s27	10s44	22n 3	17s48	5n36

Julian Day Number = 2291244.5, Delta T = 156.38 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'56, Lahiri = 17°43'56 Julian Calendar 1 Feb. 1561 == Greg. Calendar 11 Feb. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

MARCH 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 13 13	20♓ 9'46	9♍ 7	26♒55	25♈13	0♑27	26♈33	14♊32	24°R30	28♉37	10♓41	2°R57	2♓ 7	18♉11	24♐41	S 1
S 2	11 17 10	21° 9'25	23°23	28°23	26°25	1° 4	26°46	14°35	24♏29	28°38	10°42	2♓56	2° 4	18°18	24°43	S 2
M 3	11 21 6	22° 9'02	7♎56	29°53	27°37	1°42	26°59	14°38	24°28	28°39	10°44	2°54	2° 1	18°24	24°45	M 3
T 4	11 25 3	23° 8'37	22°37	1♓24	28°49	2°19	27°12	14°41	24°28	28°40	10°46	2°51	1°58	18°31	24°47	T 4
W 5	11 28 59	24° 8'10	7♏21	2°56	0♉ 1	2°57	27°25	14°44	24°27	28°41	10°47	2°49	1°54	18°38	24°49	W 5
T 6	11 32 56	25° 7'42	22° 0	4°30	1°12	3°34	27°38	14°47	24°26	28°42	10°49	2°46	1°51	18°45	24°51	T 6
F 7	11 36 52	26° 7'12	6♐28	6° 5	2°24	4°12	27°51	14°50	24°25	28°44	10°50	2°44	1°48	18°51	24°53	F 7
S 8	11 40 49	27° 6'40	20°42	7°42	3°35	4°49	28° 4	14°54	24°24	28°45	10°52	2°43	1°45	18°58	24°54	S 8
S 9	11 44 45	28° 6'06	4♑40	9°19	4°46	5°27	28°18	14°57	24°23	28°46	10°53	2°D43	1°42	19° 5	24°56	S 9
M10	11 48 42	29° 5'31	18°20	10°58	5°58	6° 4	28°31	15° 1	24°22	28°47	10°55	2°44	1°39	19°11	24°57	M10
T 11	11 52 39	0♈ 4'54	1♒44	12°39	7° 9	6°41	28°45	15° 5	24°21	28°49	10°56	2°45	1°35	19°18	24°59	T 11
W12	11 56 35	1° 4'15	14°52	14°20	8°20	7°19	28°58	15° 8	24°20	28°50	10°58	2°47	1°32	19°25	25° 0	W12
T 13	12 0 32	2° 3'34	27°47	16° 3	9°31	7°56	29°12	15°12	24°19	28°52	10°59	2°R48	1°29	19°32	25° 1	T 13
F 14	12 4 28	3° 2'51	10♓29	17°48	10°42	8°33	29°25	15°16	24°18	28°53	11° 1	2°48	1°26	19°38	25° 2	F 14
S 15	12 8 25	4° 2'06	22°59	19°34	11°53	9°10	29°39	15°20	24°16	28°54	11° 2	2°46	1°23	19°45	25° 3	S 15
S 16	12 12 21	5° 1'19	5♈20	21°21	13° 3	9°47	29°52	15°25	24°15	28°56	11° 4	2°43	1°19	19°52	25° 4	S 16
M17	12 16 18	6° 0'30	17°32	23° 9	14°14	10°24	0♉ 6	15°29	24°14	28°57	11° 5	2°38	1°16	19°59	25° 5	M17
T 18	12 20 14	6°59'39	29°35	24°59	15°24	11° 1	0°20	15°33	24°12	28°59	11° 7	2°32	1°13	20° 5	25° 6	T 18
W19	12 24 11	7°58'46	11♉33	26°51	16°35	11°38	0°34	15°38	24°11	29° 0	11° 8	2°25	1°10	20°12	25° 6	W19
T 20	12 28 7	8°57'51	23°26	28°44	17°45	12°15	0°47	15°42	24° 9	29° 2	11°10	2°19	1° 7	20°19	25° 7	T 20
F 21	12 32 4	9°56'54	5♊17	0♈38	18°55	12°51	1° 1	15°47	24° 8	29° 4	11°11	2°13	1° 4	20°25	25° 7	F 21
S 22	12 36 1	10°55'54	17°10	2°33	20° 5	13°28	1°15	15°51	24° 6	29° 5	11°13	2° 8	1° 0	20°32	25° 7	S 22
S 23	12 39 57	11°54'52	29° 9	4°30	21°15	14° 5	1°29	15°56	24° 5	29° 7	11°14	2° 6	0°57	20°39	25° 8	S 23
M24	12 43 54	12°53'48	11♋18	6°29	22°25	14°41	1°43	16° 1	24° 3	29° 8	11°15	2°D 5	0°54	20°46	25° 8	M24
T 25	12 47 50	13°52'41	23°41	8°29	23°34	15°18	1°57	16° 6	24° 1	29°10	11°17	2° 5	0°51	20°52	25°R 8	T 25
W26	12 51 47	14°51'32	6♌24	10°30	24°44	15°54	2°11	16°11	24° 0	29°12	11°18	2° 7	0°48	20°59	25° 8	W26
T 27	12 55 43	15°50'21	19°31	12°32	25°53	16°30	2°25	16°16	23°58	29°14	11°20	2° 8	0°45	21° 6	25° 8	T 27
F 28	12 59 40	16°49'07	3♍ 4	14°35	27° 3	17° 7	2°39	16°21	23°56	29°15	11°21	2°R 8	0°41	21°12	25° 7	F 28
S 29	13 3 36	17°47'51	17° 5	16°40	28°12	17°43	2°53	16°27	23°54	29°17	11°22	2° 7	0°38	21°19	25° 7	S 29
S 30	13 7 33	18°46'33	1♎33	18°45	29°21	18°19	3° 7	16°32	23°52	29°19	11°24	2° 4	0°35	21°26	25° 7	S 30
M31	13 11 30	19♈45'13	16♎22	20♈51	0♊30	18♑55	3♉21	16♊37	23♏51	29♉21	11♓25	1♓59	0♓32	21♉33	25♐ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s54	7n39	0s34	14s26	1s59	9n57	0n10	23s40	0s10	9n19	1s 1	21n24	1s13	18s41	0n16	18n18	1s39	20s32	14s 3	10s27	10s45	22n 5	17s47	5n36
S 2	3 31	0 56	1 50	13 59	2 3	10 26	0 14	23 41	0 11	9 24	1 1	21 24	1 12	18 41	0 16	18 18	1 38	20 31	14 3	10 27	10 46	22 7	17 47	5 37
M 3	3 7	5s55	3 1	13 31	2 6	10 55	0 17	23 41	0 12	9 28	1 1	21 25	1 12	18 40	0 16	18 18	1 38	20 31	14 3	10 28	10 47	22 9	17 46	5 38
T 4	2 44	12 32	4 0	13 1	2 9	11 24	0 20	23 42	0 13	9 33	1 1	21 26	1 12	18 40	0 16	18 19	1 38	20 30	14 4	10 29	10 48	22 11	17 46	5 38
W 5	2 20	18 28	4 44	12 30	2 12	11 52	0 24	23 43	0 15	9 38	1 1	21 26	1 12	18 40	0 16	18 19	1 38	20 30	14 4	10 30	10 49	22 13	17 45	5 39
T 6	1 56	23 17	5 9	11 58	2 14	12 21	0 27	23 43	0 16	9 43	1 1	21 27	1 11	18 40	0 16	18 19	1 38	20 29	14 4	10 31	10 50	22 15	17 44	5 40
F 7	1 33	26 35	5 14	11 24	2 16	12 49	0 31	23 43	0 17	9 48	1 0	21 27	1 11	18 40	0 16	18 20	1 38	20 29	14 4	10 32	10 52	22 17	17 44	5 40
S 8	1 9	28 9	4 59	10 50	2 17	13 17	0 34	23 43	0 18	9 53	1 0	21 28	1 11	18 39	0 16	18 20	1 38	20 28	14 4	10 32	10 53	22 19	17 43	5 41
S 9	0 45	27 52	4 27	10 14	2 18	13 44	0 38	23 43	0 20	9 58	1 0	21 28	1 11	18 39	0 16	18 20	1 38	20 28	14 4	10 32	10 54	22 22	17 43	5 42
M10	0 22	25 52	3 40	9 36	2 19	14 11	0 41	23 43	0 21	10 2	1 0	21 29	1 11	18 39	0 16	18 21	1 38	20 27	14 4	10 32	10 55	22 24	17 42	5 42
T 11	0n 2	22 28	2 42	8 58	2 18	14 38	0 45	23 42	0 22	10 7	1 0	21 30	1 10	18 39	0 16	18 21	1 38	20 27	14 4	10 31	10 56	22 26	17 41	5 43
W12	0 26	17 57	1 37	8 18	2 18	15 5	0 48	23 42	0 24	10 12	1 0	21 30	1 10	18 38	0 16	18 21	1 38	20 26	14 4	10 31	10 57	22 28	17 41	5 44
T 13	0 49	12 42	0 27	7 37	2 17	15 31	0 52	23 41	0 25	10 17	1 0	21 31	1 10	18 38	0 16	18 22	1 38	20 26	14 5	10 30	10 58	22 30	17 40	5 44
F 14	1 13	7 1	0n42	6 55	2 15	15 56	0 55	23 40	0 27	10 22	0 59	21 32	1 10	18 38	0 16	18 22	1 38	20 25	14 5	10 30	11 0	22 32	17 40	5 45
S 15	1 36	1 8	1 48	6 11	2 13	16 22	0 58	23 39	0 28	10 27	0 59	21 32	1 10	18 37	0 16	18 22	1 38	20 25	14 5	10 31	11 1	22 34	17 39	5 46
S 16	2 0	4n42	2 48	5 27	2 11	16 47	1 2	23 38	0 29	10 32	0 59	21 33	1 9	18 37	0 16	18 23	1 38	20 24	14 5	10 32	11 2	22 36	17 38	5 46
M17	2 24	10 17	3 40	4 41	2 8	17 11	1 5	23 36	0 31	10 37	0 59	21 34	1 9	18 37	0 16	18 23	1 38	20 24	14 5	10 34	11 3	22 38	17 38	5 47
T 18	2 47	15 25	4 21	3 54	2 4	17 36	1 9	23 35	0 32	10 42	0 59	21 34	1 9	18 36	0 16	18 24	1 38	20 23	14 5	10 36	11 4	22 40	17 37	5 48
W19	3 10	19 55	4 50	3 6	2 0	17 59	1 12	23 33	0 34	10 47	0 59	21 35	1 9	18 36	0 16	18 24	1 38	20 23	14 6	10 38	11 5	22 42	17 36	5 48
T 20	3 34	23 37	5 6	2 17	1 56	18 23	1 16	23 31	0 35	10 52	0 59	21 36	1 9	18 36	0 16	18 24	1 38	20 23	14 6	10 41	11 6	22 44	17 36	5 49
F 21	3 57	26 19	5 10	1 27	1 51	18 45	1 19	23 29	0 37	10 57	0 59	21 36	1 8	18 35	0 16	18 25	1 37	20 22	14 6	10 43	11 7	22 46	17 35	5 50
S 22	4 20	27 51	5 0	0 35	1 45	19 8	1 23	23 27	0 38	11 1	0 59	21 37	1 8	18 35	0 16	18 25	1 37	20 22	14 6	10 44	11 9	22 48	17 34	5 50
S 23	4 43	28 6	4 36	0n17	1 39	19 30	1 26	23 25	0 40	11 6	0 58	21 38	1 8	18 35	0 16	18 26	1 37	20 21	14 6	10 45	11 10	22 50	17 34	5 51
M24	5 6	27 1	4 1	1 10	1 33	19 51	1 29	23 22	0 41	11 11	0 58	21 38	1 8	18 34	0 16	18 26	1 37	20 21	14 6	10 46	11 11	22 52	17 33	5 52
T 25	5 29	24 35	3 13	2 4	1 26	20 12	1 33	23 20	0 43	11 16	0 58	21 39	1 8	18 34	0 16	18 26	1 37	20 21	14 7	10 45	11 12	22 54	17 32	5 52
W26	5 52	20 53	2 15	2 58	1 18	20 33	1 36	23 17	0 45	11 21	0 58	21 40	1 7	18 33	0 16	18 27	1 37	20 20	14 7	10 45	11 13	22 56	17 32	5 53
T 27	6 15	16 4	1 8	3 53	1 10	20 53	1 39	23 15	0 46	11 26	0 58	21 40	1 7	18 33	0 16	18 27	1 37	20 20	14 7	10 45	11 14	22 58	17 31	5 54
F 28	6 37	10 19	0s 5	4 49	1 1	21 12	1 42	23 12	0 48	11 31	0 58	21 41	1 7	18 32	0 16	18 28	1 37	20 20	14 7	10 44	11 15	23 0	17 30	5 54
S 29	7 0	3 53	1 20	5 45	0 52	21 31	1 46	23 9	0 50	11 36	0 58	21 42	1 7	18 32	0 16	18 28	1 37	20 19	14 8	10 45	11 16	23 2	17 30	5 55
S 30	7 22	2s56	2 32	6 42	0 43	21 50	1 49	23 5	0 51	11 41	0 58	21 43	1 7	18 32	0 16	18 28	1 37	20 19	14 8	10 46	11 18	23 4	17 29	5 56
M31	7n45	9s46	3s35	7n39	0s33	22n 8	1n52	23s 2	0s53	11n46	0s58	21n43	1s 6	18s31	0n16	18n29	1s37	20s19	14s 8	10s48	11s19	23n 6	17s28	5n56

Julian Day Number = 2291272.5, Delta T = 156.22 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'00, Lahiri = 17°44'00 Julian Calendar 1 March 1561 == Greg. Calendar 11 March 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

APRIL 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 15 26	20♈43'51	1♏26	22♈58	1♊38	19♑31	3♉35	16♊43	23°R49	29♉22	11♓26	1°R53	0♓29	21♉39	25°R 6	T 1
W 2	13 19 23	21°42'27	16°34	25° 5	2°47	20° 7	3°50	16°48	23♏47	29°24	11°27	1♓45	0°25	21°46	25♐ 5	W 2
T 3	13 23 19	22°41'02	1♐38	27°13	3°55	20°43	4° 4	16°54	23°45	29°26	11°29	1°38	0°22	21°53	25° 4	T 3
F 4	13 27 16	23°39'34	16°26	29°20	5° 3	21°19	4°18	17° 0	23°43	29°28	11°30	1°32	0°19	22° 0	25° 3	F 4
S 5	13 31 12	24°38'06	0♑55	1♉27	6°11	21°54	4°32	17° 5	23°41	29°30	11°31	1°27	0°16	22° 6	25° 2	S 5
S 6	13 35 9	25°36'35	14°59	3°33	7°19	22°30	4°46	17°11	23°38	29°32	11°32	1°25	0°13	22°13	25° 1	S 6
M 7	13 39 5	26°35'03	28°38	5°38	8°27	23° 5	5° 1	17°17	23°36	29°34	11°34	1°D24	0°10	22°20	25° 0	M 7
T 8	13 43 2	27°33'29	11♒55	7°42	9°35	23°41	5°15	17°23	23°34	29°36	11°35	1°25	0° 6	22°26	24°59	T 8
W 9	13 46 59	28°31'53	24°51	9°44	10°42	24°16	5°29	17°29	23°32	29°38	11°36	1°R26	0° 3	22°33	24°58	W 9
T 10	13 50 55	29°30'16	7♓31	11°45	11°50	24°51	5°43	17°35	23°30	29°40	11°37	1°26	0° 0	22°40	24°56	T 10
F 11	13 54 52	0♉28'37	19°57	13°43	12°57	25°26	5°58	17°41	23°28	29°42	11°38	1°24	29♒57	22°47	24°55	F 11
S 12	13 58 48	1°26'57	2♈13	15°38	14° 4	26° 1	6°12	17°47	23°25	29°44	11°39	1°20	29°54	22°53	24°53	S 12
S 13	14 2 45	2°25'15	14°20	17°31	15°10	26°36	6°26	17°54	23°23	29°46	11°41	1°13	29°51	23° 0	24°51	S 13
M14	14 6 41	3°23'31	26°21	19°21	16°17	27°11	6°40	18° 0	23°21	29°48	11°42	1° 4	29°47	23° 7	24°50	M14
T 15	14 10 38	4°21'45	8♉18	21° 8	17°23	27°46	6°55	18° 6	23°19	29°50	11°43	0°53	29°44	23°13	24°48	T 15
W16	14 14 34	5°19'58	20°12	22°51	18°30	28°20	7° 9	18°13	23°16	29°52	11°44	0°40	29°41	23°20	24°46	W16
T 17	14 18 31	6°18'09	2♊ 4	24°31	19°36	28°54	7°23	18°19	23°14	29°54	11°45	0°28	29°38	23°27	24°44	T 17
F 18	14 22 28	7°16'18	13°56	26° 7	20°41	29°29	7°38	18°26	23°11	29°56	11°46	0°17	29°35	23°34	24°42	F 18
S 19	14 26 24	8°14'25	25°50	27°39	21°47	0♒ 3	7°52	18°32	23° 9	29°58	11°47	0° 8	29°31	23°40	24°40	S 19
S 20	14 30 21	9°12'31	7♋49	29° 8	22°52	0°37	8° 6	18°39	23° 7	0♊ 0	11°48	0° 1	29°28	23°47	24°38	S 20
M21	14 34 17	10°10'34	19°57	0♊32	23°57	1°11	8°20	18°46	23° 4	0° 3	11°49	29♒57	29°25	23°54	24°35	M21
T 22	14 38 14	11° 8'36	2♌18	1°53	25° 2	1°44	8°35	18°52	23° 2	0° 5	11°50	29°55	29°22	24° 1	24°33	T 22
W23	14 42 10	12° 6'36	14°57	3° 9	26° 7	2°18	8°49	18°59	22°59	0° 7	11°51	29°D55	29°19	24° 7	24°31	W23
T 24	14 46 7	13° 4'33	27°57	4°21	27°12	2°51	9° 3	19° 6	22°57	0° 9	11°52	29°R55	29°16	24°14	24°28	T 24
F 25	14 50 3	14° 2'29	11♍24	5°29	28°16	3°25	9°17	19°13	22°55	0°11	11°52	29°55	29°12	24°21	24°26	F 25
S 26	14 54 0	15° 0'23	25°20	6°33	29°20	3°58	9°32	19°20	22°52	0°13	11°53	29°52	29° 9	24°27	24°23	S 26
S 27	14 57 57	15°58'15	9♎45	7°32	0♋23	4°31	9°46	19°27	22°50	0°15	11°54	29°48	29° 6	24°34	24°20	S 27
M28	15 1 53	16°56'06	24°36	8°27	1°27	5° 3	10° 0	19°34	22°47	0°18	11°55	29°41	29° 3	24°41	24°17	M28
T 29	15 5 50	17°53'55	9♏46	9°17	2°30	5°36	10°14	19°41	22°45	0°20	11°56	29°32	29° 0	24°48	24°15	T 29
W30	15 9 46	18♑51'42	25♏ 6	10♊ 3	3♋33	6♒ 9	10♑29	19♊48	22♏42	0♊22	11♓56	29♒21	28♒56	24♑54	24♐12	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 7	16s 8	4s25	8n35	0s23	22n25	1n55	22s59	0s55	11n51	0s58	21n44	1s 6	18s31	0n16	18n29	1s37	20s19	14s 8	10s50	11s20	23n 8	17s28	5n57
W 2	8 29	21 33	4 56	9 32	0 13	22 42	1 58	22 55	0 57	11 55	0 57	21 45	1 6	18 30	0 16	18 30	1 37	20 18	14 8	10 53	11 21	23 10	17 27	5 58
T 3	8 51	25 32	5 7	10 28	0 2	22 58	2 1	22 52	0 58	12 0	0 57	21 45	1 6	18 30	0 16	18 30	1 37	20 18	14 9	10 55	11 22	23 11	17 26	5 58
F 4	9 12	27 43	4 56	11 24	0n 8	23 13	2 4	22 48	1 0	12 5	0 57	21 46	1 6	18 29	0 16	18 31	1 37	20 18	14 9	10 57	11 23	23 13	17 26	5 59
S 5	9 34	27 57	4 27	12 18	0 19	23 28	2 7	22 44	1 2	12 10	0 57	21 47	1 6	18 29	0 16	18 31	1 37	20 17	14 9	10 59	11 24	23 15	17 25	6 0
S 6	9 55	26 21	3 43	13 12	0 30	23 43	2 9	22 40	1 4	12 15	0 57	21 48	1 5	18 28	0 16	18 31	1 37	20 17	14 9	11 0	11 25	23 17	17 24	6 0
M 7	10 17	23 12	2 46	14 5	0 41	23 57	2 12	22 36	1 6	12 20	0 57	21 48	1 5	18 28	0 16	18 32	1 37	20 17	14 10	11 0	11 27	23 19	17 24	6 1
T 8	10 38	18 54	1 43	14 56	0 52	24 10	2 15	22 32	1 8	12 24	0 57	21 49	1 5	18 27	0 16	18 32	1 37	20 17	14 10	11 0	11 28	23 21	17 23	6 1
W 9	10 59	13 49	0 35	15 45	1 2	24 22	2 17	22 27	1 10	12 29	0 57	21 50	1 5	18 26	0 16	18 33	1 37	20 17	14 10	11 0	11 29	23 23	17 22	6 2
T 10	11 19	8 16	0n32	16 33	1 13	24 34	2 20	22 23	1 12	12 34	0 57	21 51	1 5	18 26	0 16	18 33	1 37	20 16	14 10	11 0	11 30	23 25	17 22	6 3
F 11	11 40	2 30	1 37	17 18	1 23	24 46	2 23	22 18	1 13	12 39	0 57	21 51	1 5	18 25	0 16	18 34	1 37	20 16	14 11	11 0	11 31	23 27	17 21	6 3
S 12	12 0	3n16	2 37	18 2	1 32	24 57	2 25	22 14	1 15	12 44	0 57	21 52	1 4	18 25	0 16	18 34	1 37	20 16	14 11	11 2	11 32	23 28	17 20	6 4
S 13	12 21	8 51	3 28	18 43	1 41	25 7	2 27	22 9	1 17	12 48	0 57	21 53	1 4	18 24	0 16	18 35	1 37	20 16	14 11	11 4	11 33	23 30	17 20	6 4
M14	12 41	14 4	4 9	19 22	1 50	25 16	2 30	22 4	1 20	12 53	0 57	21 53	1 4	18 24	0 16	18 35	1 37	20 16	14 12	11 7	11 34	23 32	17 19	6 5
T 15	13 0	18 43	4 39	19 58	1 57	25 25	2 32	22 0	1 22	12 58	0 56	21 54	1 4	18 23	0 16	18 36	1 37	20 15	14 12	11 11	11 36	23 34	17 18	6 6
W16	13 20	22 36	4 57	20 32	2 5	25 33	2 34	21 55	1 24	13 3	0 56	21 55	1 4	18 23	0 16	18 36	1 36	20 15	14 12	11 16	11 37	23 36	17 18	6 6
T 17	13 39	25 33	5 2	21 4	2 11	25 41	2 36	21 50	1 26	13 7	0 56	21 56	1 4	18 22	0 16	18 36	1 36	20 15	14 12	11 20	11 38	23 38	17 17	6 7
F 18	13 58	27 23	4 54	21 33	2 17	25 48	2 38	21 45	1 28	13 12	0 56	21 56	1 3	18 21	0 16	18 37	1 36	20 15	14 13	11 24	11 39	23 40	17 16	6 7
S 19	14 17	27 58	4 33	21 59	2 22	25 54	2 40	21 39	1 30	13 17	0 56	21 57	1 3	18 21	0 16	18 37	1 36	20 15	14 13	11 27	11 40	23 41	17 16	6 8
S 20	14 36	27 15	3 59	22 23	2 26	26 0	2 41	21 34	1 32	13 21	0 56	21 58	1 3	18 20	0 16	18 38	1 36	20 15	14 13	11 30	11 41	23 43	17 15	6 9
M21	14 54	25 14	3 15	22 44	2 29	26 5	2 43	21 29	1 35	13 26	0 56	21 58	1 3	18 20	0 16	18 38	1 36	20 15	14 14	11 31	11 42	23 45	17 14	6 9
T 22	15 13	21 59	2 21	23 3	2 31	26 9	2 45	21 24	1 37	13 31	0 56	21 59	1 3	18 19	0 16	18 39	1 36	20 15	14 14	11 32	11 43	23 47	17 14	6 10
W23	15 30	17 39	1 19	23 20	2 33	26 13	2 46	21 18	1 39	13 35	0 56	22 0	1 3	18 18	0 16	18 39	1 36	20 15	14 14	11 32	11 44	23 49	17 13	6 10
T 24	15 48	12 23	0 10	23 34	2 33	26 16	2 48	21 13	1 41	13 40	0 56	22 1	1 3	18 18	0 16	18 40	1 36	20 14	14 15	11 32	11 46	23 50	17 12	6 11
F 25	16 6	6 22	1s 1	23 46	2 33	26 18	2 49	21 7	1 44	13 44	0 56	22 1	1 2	18 17	0 16	18 40	1 36	20 14	14 15	11 32	11 47	23 52	17 12	6 11
S 26	16 23	0s 8	2 10	23 56	2 31	26 20	2 50	21 2	1 46	13 49	0 56	22 2	1 2	18 16	0 16	18 41	1 36	20 14	14 15	11 33	11 48	23 54	17 11	6 12
S 27	16 40	6 51	3 14	24 4	2 29	26 21	2 51	20 56	1 48	13 54	0 56	22 3	1 2	18 16	0 16	18 41	1 36	20 14	14 16	11 34	11 49	23 56	17 11	6 12
M28	16 56	13 22	4 7	24 10	2 25	26 21	2 52	20 50	1 51	13 58	0 56	22 3	1 2	18 15	0 16	18 42	1 36	20 14	14 16	11 37	11 50	23 57	17 10	6 13
T 29	17 12	19 15	4 43	24 13	2 21	26 21	2 53	20 45	1 53	14 3	0 56	22 4	1 2	18 15	0 16	18 42	1 36	20 14	14 16	11 40	11 51	23 59	17 9	6 13
W30	17n28	23s56	5s 0	24n15	2n16	26n20	2n53	20s39	1s56	14n 7	0s56	22n 5	1s 2	18s14	0n16	18n43	1s36	20s14	14s17	11s44	11s52	24n 1	17s 9	6n14

Julian Day Number = 2291303.5, Delta T = 156.04 sec
Ecliptic obliquity = 23°29'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'04, Lahiri = 17°44'05 Julian Calendar 1 Apr. 1561 == Greg. Calendar 11 Apr. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

MAY 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 13 43	19♉49'28	10♐24	10♊44	4♋35	6♒41	10♉43	19♊55	22°R40	0♊24	11♓57	29°R11	28♒53	25♉ 1	24°R 9	T 1
F 2	15 17 39	20°47'13	25°28	11°21	5°37	7°13	10°57	20° 2	22♏37	0°27	11°58	29♒ 2	28°50	25° 8	24♐ 6	F 2
S 3	15 21 36	21°44'57	10♑11	11°53	6°39	7°45	11°11	20° 9	22°35	0°29	11°59	28°55	28°47	25°14	24° 3	S 3
S 4	15 25 32	22°42'39	24°27	12°20	7°41	8°17	11°25	20°17	22°32	0°31	11°59	28°50	28°44	25°21	23°59	S 4
M 5	15 29 29	23°40'20	8♒13	12°42	8°42	8°48	11°39	20°24	22°30	0°33	12° 0	28°48	28°41	25°28	23°56	M 5
T 6	15 33 26	24°38'00	21°32	12°59	9°43	9°20	11°53	20°31	22°27	0°35	12° 1	28°47	28°37	25°35	23°53	T 6
W 7	15 37 22	25°35'40	4♓27	13°12	10°44	9°51	12° 7	20°39	22°25	0°38	12° 1	28°47	28°34	25°41	23°50	W 7
T 8	15 41 19	26°33'18	17° 2	13°20	11°44	10°22	12°21	20°46	22°22	0°40	12° 2	28°47	28°31	25°48	23°46	T 8
F 9	15 45 15	27°30'55	29°20	13°R23	12°44	10°53	12°35	20°53	22°20	0°42	12° 3	28°44	28°28	25°55	23°43	F 9
S 10	15 49 12	28°28'31	11♈28	13°21	13°43	11°23	12°49	21° 1	22°17	0°44	12° 3	28°39	28°25	26° 2	23°39	S 10
S 11	15 53 8	29°26'06	23°27	13°15	14°42	11°53	13° 3	21° 8	22°15	0°47	12° 4	28°31	28°22	26° 8	23°36	S 11
M12	15 57 5	0♊23'40	5♉22	13° 5	15°41	12°23	13°17	21°16	22°12	0°49	12° 4	28°21	28°18	26°15	23°32	M12
T 13	16 1 1	1°21'14	17°15	12°50	16°40	12°53	13°31	21°23	22°10	0°51	12° 5	28° 8	28°15	26°22	23°29	T 13
W14	16 4 58	2°18'46	29° 6	12°32	17°37	13°23	13°45	21°31	22° 7	0°53	12° 5	27°54	28°12	26°28	23°25	W14
T 15	16 8 55	3°16'17	10♊59	12°10	18°35	13°52	13°59	21°39	22° 5	0°56	12° 6	27°40	28° 9	26°35	23°21	T 15
F 16	16 12 51	4°13'47	22°54	11°45	19°32	14°21	14°13	21°46	22° 2	0°58	12° 6	27°27	28° 6	26°42	23°18	F 16
S 17	16 16 48	5°11'16	4♋52	11°18	20°29	14°49	14°27	21°54	22° 0	1° 0	12° 6	27°16	28° 2	26°49	23°14	S 17
S 18	16 20 44	6° 8'44	16°57	10°48	21°25	15°18	14°40	22° 1	21°57	1° 2	12° 7	27° 8	27°59	26°55	23°10	S 18
M19	16 24 41	7° 6'10	29° 9	10°16	22°20	15°46	14°54	22° 9	21°55	1° 5	12° 7	27° 3	27°56	27° 2	23° 6	M19
T 20	16 28 37	8° 3'36	11♌34	9°43	23°15	16°14	15° 8	22°17	21°53	1° 7	12° 7	27° 0	27°53	27° 9	23° 2	T 20
W21	16 32 34	9° 1'00	24°13	9°10	24°10	16°41	15°21	22°24	21°50	1° 9	12° 8	26°D59	27°50	27°16	22°58	W21
T 22	16 36 30	9°58'23	7♍12	8°36	25° 4	17° 9	15°35	22°32	21°48	1°11	12° 8	26°R59	27°47	27°22	22°55	T 22
F 23	16 40 27	10°55'45	20°33	8° 3	25°57	17°35	15°49	22°40	21°46	1°14	12° 8	26°59	27°43	27°29	22°51	F 23
S 24	16 44 24	11°53'06	4♎21	7°31	26°50	18° 2	16° 2	22°48	21°43	1°16	12° 8	26°58	27°40	27°36	22°47	S 24
S 25	16 48 20	12°50'26	18°35	7° 1	27°42	18°28	16°16	22°55	21°41	1°18	12° 9	26°54	27°37	27°42	22°43	S 25
M26	16 52 17	13°47'44	3♏16	6°33	28°33	18°54	16°29	23° 3	21°39	1°20	12° 9	26°47	27°34	27°49	22°39	M26
T 27	16 56 13	14°45'02	18°17	6° 7	29°24	19°20	16°42	23°11	21°37	1°22	12° 9	26°39	27°31	27°56	22°35	T 27
W28	17 0 10	15°42'19	3♐31	5°45	0♌14	19°45	16°56	23°19	21°34	1°25	12° 9	26°29	27°28	28° 3	22°31	W28
T 29	17 4 6	16°39'36	18°47	5°26	1° 4	20°10	17° 9	23°27	21°32	1°27	12° 9	26°20	27°24	28° 9	22°27	T 29
F 30	17 8 3	17°36'51	3♑54	5°11	1°52	20°34	17°22	23°34	21°30	1°29	12° 9	26°11	27°21	28°16	22°23	F 30
S 31	17 12 0	18♊34'07	18♑42	4♊59	2♌40	20♒58	17♉35	23♊42	21♏28	1♊31	12♓ 9	26♒ 4	27♒18	28♉23	22♐19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n44	26s55	4s55	24n15	2n 9	26n19	2n54	20s33	1s58	14n12	0s56	22n 5	1s 2	18s13	0n16	18n43	1s36	20s14	14s17	11s47	11s53	24n 3	17s 8	6n14	T 1
F 2	18 0	27 55	4 30	24 12	2 2	26 17	2 54	20 27	2 1	14 16	0 56	22 6	1 1	18 13	0 16	18 44	1 36	20 14	14 17	11 50	11 54	24 4	17 8	6 15	F 2
S 3	18 15	26 52	3 47	24 9	1 54	26 14	2 55	20 22	2 3	14 20	0 56	22 7	1 1	18 12	0 16	18 44	1 36	20 14	14 18	11 53	11 56	24 6	17 7	6 15	S 3
S 4	18 30	24 5	2 51	24 3	1 44	26 11	2 55	20 16	2 6	14 25	0 56	22 7	1 1	18 11	0 16	18 45	1 36	20 14	14 18	11 54	11 57	24 8	17 6	6 16	S 4
M 5	18 44	19 58	1 46	23 56	1 34	26 7	2 55	20 10	2 8	14 29	0 56	22 8	1 1	18 11	0 16	18 45	1 36	20 14	14 18	11 55	11 58	24 10	17 6	6 16	M 5
T 6	18 58	14 58	0 38	23 47	1 22	26 3	2 55	20 4	2 11	14 34	0 56	22 9	1 1	18 10	0 16	18 45	1 36	20 15	14 19	11 55	11 59	24 11	17 5	6 17	T 6
W 7	19 12	9 26	0n30	23 36	1 10	25 58	2 55	19 58	2 14	14 38	0 56	22 9	1 1	18 10	0 16	18 46	1 36	20 15	14 19	11 55	12 0	24 13	17 5	6 17	W 7
T 8	19 26	3 41	1 35	23 24	0 57	25 52	2 54	19 52	2 16	14 42	0 55	22 10	1 1	18 9	0 16	18 46	1 36	20 15	14 19	11 56	12 1	24 15	17 4	6 17	T 8
F 9	19 39	2n 5	2 34	23 10	0 43	25 46	2 54	19 47	2 19	14 46	0 55	22 11	1 1	18 8	0 16	18 47	1 36	20 15	14 20	11 57	12 2	24 16	17 3	6 18	F 9
S 10	19 52	7 41	3 25	22 56	0 28	25 39	2 53	19 41	2 22	14 51	0 55	22 11	1 0	18 8	0 16	18 47	1 36	20 15	14 20	11 58	12 3	24 18	17 3	6 18	S 10
S 11	20 5	12 56	4 6	22 39	0 13	25 32	2 52	19 35	2 25	14 55	0 55	22 12	1 0	18 7	0 16	18 48	1 36	20 15	14 20	12 1	12 4	24 20	17 2	6 19	S 11
M12	20 17	17 41	4 36	22 22	0s 3	25 25	2 51	19 29	2 28	14 59	0 55	22 12	1 0	18 6	0 16	18 48	1 36	20 15	14 21	12 5	12 6	24 21	17 2	6 19	M12
T 13	20 29	21 43	4 54	22 4	0 20	25 16	2 50	19 23	2 30	15 3	0 55	22 13	1 0	18 6	0 16	18 49	1 36	20 15	14 21	12 9	12 7	24 23	17 1	6 19	T 13
W14	20 41	24 52	4 59	21 45	0 37	25 7	2 49	19 18	2 33	15 8	0 55	22 14	1 0	18 5	0 16	18 49	1 36	20 15	14 21	12 14	12 8	24 25	17 1	6 20	W14
T 15	20 52	26 57	4 51	21 25	0 54	24 58	2 47	19 12	2 36	15 12	0 55	22 14	1 0	18 5	0 16	18 50	1 36	20 16	14 22	12 19	12 9	24 26	17 0	6 20	T 15
F 16	21 3	27 49	4 31	21 4	1 12	24 48	2 46	19 6	2 39	15 16	0 55	22 15	1 0	18 4	0 16	18 50	1 36	20 16	14 22	12 23	12 10	24 28	17 0	6 20	F 16
S 17	21 13	27 23	3 58	20 43	1 29	24 38	2 44	19 1	2 42	15 20	0 55	22 15	1 0	18 3	0 16	18 51	1 36	20 16	14 23	12 27	12 11	24 29	16 59	6 21	S 17
S 18	21 23	25 38	3 15	20 22	1 46	24 27	2 42	18 55	2 45	15 24	0 55	22 16	1 0	18 3	0 16	18 51	1 36	20 16	14 23	12 30	12 12	24 31	16 59	6 21	S 18
M19	21 33	22 41	2 21	20 1	2 3	24 16	2 40	18 49	2 48	15 28	0 55	22 17	0 59	18 2	0 16	18 52	1 36	20 16	14 23	12 32	12 13	24 33	16 58	6 21	M19
T 20	21 42	18 39	1 21	19 40	2 19	24 5	2 38	18 44	2 51	15 32	0 55	22 17	0 59	18 2	0 16	18 52	1 36	20 17	14 24	12 32	12 14	24 34	16 58	6 22	T 20
W21	21 51	13 43	0 15	19 19	2 35	23 53	2 35	18 39	2 54	15 36	0 55	22 18	0 59	18 1	0 16	18 52	1 36	20 17	14 24	12 33	12 15	24 36	16 57	6 22	W21
T 22	22 0	8 4	0s54	18 59	2 50	23 40	2 32	18 33	2 58	15 40	0 55	22 18	0 59	18 0	0 16	18 53	1 36	20 17	14 24	12 33	12 17	24 38	16 57	6 22	T 22
F 23	22 8	1 54	2 1	18 40	3 4	23 27	2 30	18 28	3 1	15 44	0 55	22 19	0 59	18 0	0 16	18 53	1 36	20 17	14 25	12 33	12 18	24 39	16 56	6 23	F 23
S 24	22 16	4s33	3 4	18 22	3 17	23 14	2 26	18 23	3 4	15 48	0 55	22 19	0 59	17 59	0 16	18 54	1 36	20 17	14 25	12 33	12 19	24 41	16 56	6 23	S 24
S 25	22 24	10 57	3 57	18 6	3 29	23 1	2 23	18 18	3 7	15 52	0 55	22 20	0 59	17 59	0 16	18 54	1 36	20 18	14 26	12 35	12 20	24 42	16 55	6 23	S 25
M26	22 31	16 58	4 37	17 50	3 40	22 47	2 20	18 12	3 10	15 55	0 55	22 20	0 59	17 58	0 16	18 55	1 36	20 18	14 26	12 37	12 21	24 44	16 55	6 23	M26
T 27	22 37	22 5	4 59	17 37	3 50	22 33	2 16	18 8	3 14	15 59	0 55	22 21	0 59	17 57	0 16	18 55	1 36	20 18	14 26	12 40	12 22	24 45	16 54	6 24	T 27
W28	22 44	25 48	4 59	17 25	3 58	22 18	2 12	18 3	3 17	16 3	0 55	22 21	0 59	17 57	0 16	18 56	1 36	20 19	14 27	12 43	12 23	24 47	16 54	6 24	W28
T 29	22 50	27 40	4 39	17 15	4 5	22 3	2 8	17 58	3 20	16 7	0 55	22 22	0 58	17 56	0 16	18 56	1 36	20 19	14 27	12 46	12 24	24 48	16 54	6 24	T 29
F 30	22 55	27 26	3 59	17 7	4 10	21 48	2 4	17 53	3 24	16 10	0 55	22 22	0 58	17 56	0 16	18 56	1 36	20 19	14 27	12 49	12 25	24 50	16 53	6 24	F 30
S 31	23n 0	25s14	3s 4	17n 1	4s14	21n33	1n59	17s49	3s27	16n14	0s55	22n23	0s58	17s55	0n16	18n57	1s36	20s19	14s28	12s52	12s26	24n52	16s53	6n24	S 31

Julian Day Number = 2291333.5, Delta T = 155.87 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'08, Lahiri = 17°44'09 Julian Calendar 1 May 1561 == Greg. Calendar 11 May 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

JUNE 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 15 56	19♊31'21	3♒ 5	4°R52	3♌27	21♒22	17♉48	23♊50	21°R26	1♊33	12♓ 9	26°R 0	27♒15	28♉30	22°R14	S 1
M 2	17 19 53	20°28'36	16°59	4°D50	4°13	21°45	18° 2	23°58	21♏24	1°35	12°R10	25♒58	27°12	28°36	22♐10	M 2
T 3	17 23 49	21°25'50	0♓25	4♊51	4°59	22° 8	18°15	24° 6	21°22	1°38	12°10	25°D58	27° 8	28°43	22° 6	T 3
W 4	17 27 46	22°23'04	13°24	4°58	5°43	22°31	18°28	24°14	21°20	1°40	12° 9	25°58	27° 5	28°50	22° 2	W 4
T 5	17 31 42	23°20'17	26° 0	5° 9	6°27	22°53	18°40	24°21	21°18	1°42	12° 9	25°R58	27° 2	28°56	21°58	T 5
F 6	17 35 39	24°17'31	8♈19	5°25	7°10	23°14	18°53	24°29	21°16	1°44	12° 9	25°57	26°59	29° 3	21°54	F 6
S 7	17 39 35	25°14'44	20°25	5°45	7°51	23°35	19° 6	24°37	21°14	1°46	12° 9	25°54	26°56	29°10	21°50	S 7
S 8	17 43 32	26°11'57	2♉22	6°11	8°32	23°56	19°19	24°45	21°12	1°48	12° 9	25°49	26°53	29°17	21°46	S 8
M 9	17 47 29	27° 9'11	14°14	6°40	9°11	24°16	19°32	24°53	21°10	1°50	12° 9	25°41	26°49	29°23	21°42	M 9
T 10	17 51 25	28° 6'24	26° 5	7°15	9°50	24°35	19°44	25° 1	21° 8	1°52	12° 9	25°32	26°46	29°30	21°38	T 10
W11	17 55 22	29° 3'37	7♊58	7°54	10°27	24°54	19°57	25° 8	21° 6	1°54	12° 9	25°22	26°43	29°37	21°34	W11
T 12	17 59 18	0♋ 0'50	19°54	8°37	11° 3	25°13	20° 9	25°16	21° 4	1°56	12° 8	25°11	26°40	29°43	21°30	T 12
F 13	18 3 15	0°58'03	1♋55	9°25	11°38	25°31	20°22	25°24	21° 3	1°58	12° 8	25° 1	26°37	29°50	21°26	F 13
S 14	18 7 11	1°55'15	14° 2	10°17	12°11	25°48	20°34	25°32	21° 1	2° 0	12° 8	24°53	26°34	29°57	21°22	S 14
S 15	18 11 8	2°52'28	26°17	11°13	12°44	26° 5	20°46	25°40	20°59	2° 2	12° 8	24°47	26°30	0♊ 4	21°18	S 15
M16	18 15 4	3°49'40	8♌41	12°14	13°15	26°21	20°58	25°48	20°58	2° 4	12° 7	24°44	26°27	0°10	21°14	M16
T 17	18 19 1	4°46'52	21°16	13°19	13°44	26°37	21°11	25°55	20°56	2° 6	12° 7	24°D43	26°24	0°17	21°10	T 17
W18	18 22 58	5°44'04	4♍ 4	14°28	14°12	26°52	21°23	26° 3	20°55	2° 8	12° 7	24°43	26°21	0°24	21° 6	W18
T 19	18 26 54	6°41'15	17° 9	15°41	14°38	27° 7	21°35	26°11	20°53	2°10	12° 6	24°44	26°18	0°31	21° 3	T 19
F 20	18 30 51	7°38'26	0♎31	16°58	15° 3	27°21	21°46	26°19	20°52	2°12	12° 6	24°45	26°14	0°37	20°59	F 20
S 21	18 34 47	8°35'37	14°15	18°19	15°26	27°34	21°58	26°26	20°50	2°14	12° 6	24°R45	26°11	0°44	20°55	S 21
S 22	18 38 44	9°32'48	28°20	19°44	15°47	27°46	22°10	26°34	20°49	2°16	12° 5	24°44	26° 8	0°51	20°51	S 22
M23	18 42 40	10°29'59	12♏46	21°13	16° 6	27°58	22°22	26°42	20°48	2°18	12° 5	24°40	26° 5	0°57	20°48	M23
T 24	18 46 37	11°27'09	27°29	22°46	16°24	28°10	22°33	26°50	20°46	2°20	12° 4	24°35	26° 2	1° 4	20°44	T 24
W25	18 50 33	12°24'20	12♐24	24°22	16°39	28°20	22°45	26°57	20°45	2°21	12° 4	24°29	25°59	1°11	20°40	W25
T 26	18 54 30	13°21'31	27°23	26° 2	16°53	28°30	22°56	27° 5	20°44	2°23	12° 3	24°23	25°55	1°18	20°37	T 26
F 27	18 58 27	14°18'42	12♑17	27°45	17° 5	28°39	23° 7	27°13	20°43	2°25	12° 3	24°18	25°52	1°24	20°33	F 27
S 28	19 2 23	15°15'53	26°57	29°32	17°14	28°48	23°19	27°20	20°42	2°27	12° 2	24°14	25°49	1°31	20°30	S 28
S 29	19 6 20	16°13'04	11♒16	1♋21	17°21	28°56	23°30	27°28	20°40	2°29	12° 1	24°12	25°46	1°38	20°26	S 29
M30	19 10 16	17♋10'16	25♒11	3♋14	17♌27	29♒ 3	23♉41	27♊35	20♏39	2♊30	12♓ 1	24°D11	25♒43	1♊45	20♐23	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	21s26	1s58	16n57	4s17	21n17	1n54	17s44	3s31	16n18	0s55	22n23	0s58	17s55	0n16	18n57	1s36	20s20	14s28	12s53	12s27	24n53	16s52	6n24
M 2	23 9	16 32	0 48	16 55	4 19	21 1	1 49	17 40	3 34	16 21	0 55	22 24	0 58	17 54	0 16	18 58	1 36	20 20	14 28	12 54	12 29	24 55	16 52	6 25
T 3	23 13	10 59	0n24	16 55	4 19	20 45	1 44	17 36	3 38	16 25	0 55	22 24	0 58	17 54	0 16	18 58	1 36	20 20	14 29	12 54	12 30	24 56	16 52	6 25
W 4	23 17	5 8	1 32	16 57	4 18	20 29	1 39	17 32	3 41	16 29	0 55	22 24	0 58	17 53	0 16	18 59	1 36	20 21	14 29	12 54	12 31	24 58	16 51	6 25
T 5	23 20	0n45	2 33	17 1	4 16	20 12	1 33	17 28	3 45	16 32	0 55	22 25	0 58	17 53	0 16	18 59	1 36	20 21	14 30	12 54	12 32	24 59	16 51	6 25
F 6	23 22	6 27	3 26	17 6	4 13	19 56	1 27	17 24	3 48	16 36	0 55	22 25	0 58	17 52	0 16	18 59	1 36	20 21	14 30	12 54	12 33	25 1	16 51	6 25
S 7	23 25	11 49	4 8	17 14	4 9	19 39	1 21	17 20	3 52	16 39	0 55	22 26	0 58	17 52	0 16	19 0	1 36	20 22	14 30	12 55	12 34	25 2	16 50	6 25
S 8	23 27	16 41	4 39	17 23	4 4	19 22	1 14	17 17	3 56	16 43	0 56	22 26	0 58	17 51	0 16	19 0	1 36	20 22	14 31	12 57	12 35	25 4	16 50	6 25
M 9	23 28	20 53	4 58	17 34	3 58	19 5	1 8	17 14	3 59	16 46	0 56	22 26	0 58	17 51	0 16	19 1	1 36	20 23	14 31	12 59	12 36	25 5	16 50	6 25
T 10	23 29	24 15	5 4	17 47	3 51	18 48	1 1	17 10	4 3	16 49	0 56	22 27	0 57	17 50	0 16	19 1	1 36	20 23	14 31	13 2	12 37	25 6	16 49	6 25
W11	23 30	26 34	4 57	18 0	3 43	18 31	0 53	17 8	4 7	16 53	0 56	22 27	0 57	17 50	0 16	19 1	1 36	20 23	14 32	13 6	12 38	25 8	16 49	6 25
T 12	23 30	27 43	4 37	18 15	3 35	18 14	0 46	17 5	4 11	16 56	0 56	22 28	0 57	17 49	0 15	19 2	1 36	20 24	14 32	13 10	12 39	25 9	16 49	6 25
F 13	23 30	27 33	4 4	18 31	3 26	17 57	0 38	17 2	4 15	16 59	0 56	22 28	0 57	17 49	0 15	19 2	1 36	20 24	14 32	13 13	12 40	25 11	16 49	6 25
S 14	23 29	26 5	3 20	18 48	3 16	17 40	0 30	17 0	4 18	17 2	0 56	22 28	0 57	17 48	0 15	19 2	1 36	20 25	14 33	13 15	12 42	25 12	16 48	6 25
S 15	23 28	23 21	2 27	19 6	3 6	17 22	0 22	16 58	4 22	17 6	0 56	22 29	0 57	17 48	0 15	19 3	1 36	20 25	14 33	13 17	12 43	25 14	16 48	6 25
M16	23 27	19 30	1 25	19 25	2 55	17 5	0 13	16 56	4 26	17 9	0 56	22 29	0 57	17 48	0 15	19 3	1 36	20 26	14 33	13 19	12 44	25 15	16 48	6 25
T 17	23 25	14 44	0 19	19 44	2 44	16 48	0 4	16 54	4 30	17 12	0 56	22 29	0 57	17 47	0 15	19 4	1 36	20 26	14 34	13 19	12 45	25 16	16 48	6 25
W18	23 22	9 16	0s50	20 4	2 33	16 31	0s 5	16 52	4 34	17 15	0 56	22 29	0 57	17 47	0 15	19 4	1 36	20 26	14 34	13 19	12 46	25 18	16 47	6 25
T 19	23 20	3 17	1 58	20 24	2 21	16 15	0 15	16 51	4 38	17 18	0 56	22 30	0 57	17 46	0 15	19 4	1 36	20 27	14 35	13 19	12 47	25 19	16 47	6 25
F 20	23 17	2s58	3 1	20 44	2 9	15 58	0 25	16 50	4 42	17 21	0 56	22 30	0 57	17 46	0 15	19 5	1 36	20 27	14 35	13 18	12 48	25 21	16 47	6 25
S 21	23 13	9 14	3 55	21 3	1 56	15 42	0 35	16 49	4 46	17 24	0 56	22 30	0 57	17 46	0 15	19 5	1 37	20 28	14 35	13 18	12 49	25 22	16 47	6 25
S 22	23 9	15 13	4 37	21 23	1 43	15 25	0 45	16 48	4 50	17 27	0 56	22 31	0 57	17 45	0 15	19 5	1 37	20 28	14 36	13 19	12 50	25 23	16 47	6 25
M23	23 5	20 30	5 2	21 42	1 31	15 9	0 56	16 48	4 54	17 30	0 56	22 31	0 57	17 45	0 15	19 6	1 37	20 29	14 36	13 20	12 51	25 25	16 47	6 25
T 24	23 0	24 39	5 8	22 0	1 18	14 53	1 7	16 47	4 58	17 33	0 56	22 31	0 57	17 45	0 15	19 6	1 37	20 29	14 36	13 21	12 52	25 26	16 46	6 25
W25	22 55	27 12	4 54	22 18	1 5	14 38	1 19	16 47	5 2	17 36	0 56	22 31	0 56	17 44	0 15	19 6	1 37	20 30	14 37	13 23	12 53	25 27	16 46	6 25
T 26	22 50	27 48	4 19	22 34	0 52	14 23	1 30	16 48	5 6	17 39	0 56	22 32	0 56	17 44	0 15	19 7	1 37	20 30	14 37	13 25	12 55	25 29	16 46	6 25
F 27	22 44	26 22	3 27	22 50	0 39	14 8	1 42	16 48	5 9	17 42	0 56	22 32	0 56	17 44	0 15	19 7	1 37	20 31	14 37	13 27	12 56	25 30	16 46	6 25
S 28	22 37	23 9	2 22	23 3	0 27	13 53	1 54	16 49	5 13	17 44	0 56	22 32	0 56	17 44	0 15	19 7	1 37	20 31	14 38	13 29	12 57	25 32	16 46	6 24
S 29	22 31	18 33	1 10	23 15	0 14	13 39	2 7	16 50	5 17	17 47	0 56	22 32	0 56	17 43	0 15	19 8	1 37	20 32	14 38	13 29	12 58	25 33	16 46	6 24
M30	22n24	13s 4	0n 5	23n25	0s 2	13n26	2s20	16s51	5s21	17n50	0s56	22n32	0s56	17s43	0n15	19n 8	1s37	20s32	14s38	13s30	12s59	25n34	16s46	6n24

Julian Day Number = 2291364.5, Delta T = 155.70 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'13, Lahiri = 17°44'13 Julian Calendar 1 June 1561 == Greg. Calendar 11 June 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

JULY 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 14 13	18♋ 7'29	8♓40	5♋10	17♌29	29♒ 9	23♉52	27♊43	20°R38	2♊32	12°R 0	24♒12	25♒40	1♊51	20°R20	T 1
W 2	19 18 9	19° 4'42	21°43	7° 8	17°R30	29°15	24° 3	27°50	20♏38	2°34	12♓ 0	24°13	25°36	1°58	20♐16	W 2
T 3	19 22 6	20° 1'55	4♈23	9° 8	17°28	29°19	24°13	27°58	20°37	2°35	11°59	24°15	25°33	2° 5	20°13	T 3
F 4	19 26 2	20°59'10	16°45	11°10	17°24	29°23	24°24	28° 5	20°36	2°37	11°58	24°R16	25°30	2°11	20°10	F 4
S 5	19 29 59	21°56'25	28°53	13°14	17°18	29°27	24°35	28°13	20°35	2°39	11°58	24°15	25°27	2°18	20° 7	S 5
S 6	19 33 56	22°53'42	10♉51	15°19	17° 9	29°29	24°45	28°20	20°34	2°40	11°57	24°14	25°24	2°25	20° 4	S 6
M 7	19 37 52	23°50'59	22°44	17°25	16°58	29°31	24°56	28°27	20°34	2°42	11°56	24°11	25°20	2°32	20° 1	M 7
T 8	19 41 49	24°48'17	4♊36	19°32	16°44	29°32	25° 6	28°35	20°33	2°43	11°55	24° 7	25°17	2°38	19°58	T 8
W 9	19 45 45	25°45'35	16°31	21°39	16°29	29°R32	25°16	28°42	20°32	2°45	11°55	24° 3	25°14	2°45	19°55	W 9
T 10	19 49 42	26°42'55	28°31	23°46	16°10	29°31	25°26	28°49	20°32	2°46	11°54	23°58	25°11	2°52	19°52	T 10
F 11	19 53 38	27°40'16	10♋40	25°53	15°50	29°29	25°36	28°57	20°31	2°48	11°53	23°54	25° 8	2°58	19°49	F 11
S 12	19 57 35	28°37'37	22°58	27°59	15°28	29°27	25°46	29° 4	20°31	2°49	11°52	23°50	25° 5	3° 5	19°47	S 12
S 13	20 1 32	29°34'59	5♌28	0♌ 5	15° 3	29°24	25°55	29°11	20°31	2°51	11°51	23°48	25° 1	3°12	19°44	S 13
M14	20 5 28	0♌32'22	18° 9	2°10	14°36	29°20	26° 5	29°18	20°30	2°52	11°50	23°D47	24°58	3°19	19°42	M14
T 15	20 9 25	1°29'45	1♍ 2	4°14	14° 8	29°15	26°15	29°25	20°30	2°53	11°50	23°47	24°55	3°25	19°39	T 15
W16	20 13 21	2°27'10	14° 9	6°17	13°37	29°10	26°24	29°32	20°30	2°55	11°49	23°48	24°52	3°32	19°37	W16
T 17	20 17 18	3°24'35	27°29	8°19	13° 5	29° 4	26°33	29°39	20°29	2°56	11°48	23°49	24°49	3°39	19°35	T 17
F 18	20 21 14	4°22'00	11♎ 3	10°19	12°32	28°57	26°42	29°46	20°29	2°57	11°47	23°50	24°46	3°46	19°32	F 18
S 19	20 25 11	5°19'26	24°52	12°18	11°58	28°49	26°51	29°53	20°29	2°59	11°46	23°51	24°42	3°52	19°30	S 19
S 20	20 29 7	6°16'53	8♏54	14°15	11°22	28°41	27° 0	29°59	20°D29	3° 0	11°45	23°R51	24°39	3°59	19°28	S 20
M21	20 33 4	7°14'21	23° 9	16°11	10°46	28°32	27° 9	0♋ 7	20°29	3° 1	11°44	23°51	24°36	4° 6	19°26	M21
T 22	20 37 1	8°11'50	7♐34	18° 5	10° 9	28°22	27°18	0°14	20°29	3° 2	11°43	23°50	24°33	4°12	19°24	T 22
W23	20 40 57	9° 9'19	22° 6	19°58	9°31	28°12	27°26	0°20	20°29	3° 3	11°42	23°48	24°30	4°19	19°22	W23
T 24	20 44 54	10° 6'49	6♑39	21°50	8°54	28° 1	27°34	0°27	20°30	3° 5	11°41	23°46	24°26	4°26	19°20	T 24
F 25	20 48 50	11° 4'21	21° 8	23°39	8°17	27°49	27°43	0°34	20°30	3° 6	11°40	23°45	24°23	4°33	19°19	F 25
S 26	20 52 47	12° 1'53	5♒26	25°28	7°40	27°37	27°51	0°40	20°30	3° 7	11°39	23°44	24°20	4°39	19°17	S 26
S 27	20 56 43	12°59'26	19°30	27°15	7° 4	27°25	27°59	0°47	20°30	3° 8	11°38	23°D43	24°17	4°46	19°16	S 27
M28	21 0 40	13°57'00	3♓15	29° 0	6°28	27°12	28° 6	0°53	20°31	3° 9	11°37	23°43	24°14	4°53	19°14	M28
T 29	21 4 36	14°54'36	16°38	0♍44	5°54	26°58	28°14	1° 0	20°31	3°10	11°36	23°44	24°11	5° 0	19°13	T 29
W30	21 8 33	15°52'13	29°41	2°26	5°21	26°44	28°22	1° 6	20°32	3°11	11°35	23°45	24° 7	5° 6	19°11	W30
T 31	21 12 30	16♌49'52	12♈22	4♍ 7	4♌49	26♒30	28♉29	1♋12	20♏32	3♊12	11♓34	23♒45	24♒ 4	5♊13	19♐10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n16	7s 8	1n18	23n33	0n 9	13n13	2s32	16s52	5s25	17n52	0s56	22n33	0s56	17s43	0n15	19n 8	1s37	20s33	14s38	13s29	13s 0	25n35	16s46	6n24
W 2	22 8	1 5	2 24	23 39	0 21	13 0	2 46	16 54	5 29	17 55	0 57	22 33	0 56	17 43	0 15	19 8	1 37	20 33	14 39	13 29	13 1	25 37	16 46	6 24
T 3	22 0	4n50	3 22	23 42	0 31	12 48	2 59	16 56	5 33	17 58	0 57	22 33	0 56	17 42	0 15	19 9	1 37	20 34	14 39	13 28	13 2	25 38	16 46	6 23
F 4	21 51	10 25	4 8	23 43	0 42	12 36	3 12	16 58	5 37	18 0	0 57	22 33	0 56	17 42	0 15	19 9	1 37	20 34	14 39	13 28	13 3	25 39	16 46	6 23
S 5	21 42	15 30	4 42	23 41	0 51	12 25	3 26	17 0	5 41	18 3	0 57	22 33	0 56	17 42	0 15	19 9	1 37	20 35	14 40	13 28	13 4	25 41	16 46	6 23
S 6	21 33	19 55	5 4	23 36	1 0	12 14	3 40	17 3	5 44	18 5	0 57	22 33	0 56	17 42	0 15	19 10	1 37	20 36	14 40	13 29	13 5	25 42	16 46	6 23
M 7	21 23	23 31	5 12	23 29	1 8	12 4	3 54	17 6	5 48	18 8	0 57	22 33	0 56	17 42	0 15	19 10	1 37	20 36	14 40	13 30	13 6	25 43	16 46	6 23
T 8	21 13	26 8	5 7	23 19	1 15	11 55	4 8	17 9	5 52	18 10	0 57	22 34	0 56	17 41	0 15	19 10	1 37	20 37	14 41	13 31	13 7	25 44	16 46	6 22
W 9	21 3	27 36	4 49	23 6	1 22	11 46	4 22	17 12	5 55	18 12	0 57	22 34	0 56	17 41	0 15	19 10	1 37	20 37	14 41	13 32	13 8	25 46	16 46	6 22
T 10	20 52	27 47	4 18	22 51	1 28	11 39	4 35	17 16	5 59	18 15	0 57	22 34	0 56	17 41	0 15	19 11	1 37	20 38	14 41	13 34	13 10	25 47	16 46	6 22
F 11	20 41	26 38	3 35	22 32	1 33	11 31	4 49	17 20	6 2	18 17	0 57	22 34	0 56	17 41	0 15	19 11	1 37	20 38	14 41	13 35	13 11	25 48	16 46	6 22
S 12	20 29	24 11	2 41	22 12	1 37	11 25	5 3	17 24	6 6	18 19	0 57	22 34	0 56	17 41	0 15	19 11	1 37	20 39	14 42	13 37	13 12	25 49	16 46	6 21
S 13	20 17	20 33	1 39	21 49	1 40	11 19	5 16	17 28	6 9	18 21	0 57	22 34	0 56	17 41	0 15	19 11	1 37	20 40	14 42	13 37	13 13	25 51	16 46	6 21
M14	20 5	15 55	0 31	21 24	1 43	11 14	5 30	17 32	6 12	18 24	0 57	22 34	0 56	17 41	0 15	19 12	1 37	20 40	14 42	13 38	13 14	25 52	16 46	6 21
T 15	19 53	10 31	0s40	20 57	1 45	11 10	5 43	17 37	6 16	18 26	0 57	22 34	0 56	17 41	0 15	19 12	1 37	20 41	14 42	13 38	13 15	25 53	16 46	6 20
W16	19 40	4 34	1 50	20 28	1 46	11 6	5 55	17 42	6 19	18 28	0 57	22 34	0 56	17 41	0 15	19 12	1 37	20 41	14 43	13 37	13 16	25 54	16 46	6 20
T 17	19 26	1s40	2 55	19 57	1 47	11 3	6 7	17 47	6 22	18 30	0 58	22 34	0 56	17 41	0 15	19 12	1 37	20 42	14 43	13 37	13 17	25 55	16 47	6 20
F 18	19 13	7 56	3 52	19 25	1 47	11 1	6 19	17 52	6 25	18 32	0 58	22 34	0 55	17 41	0 15	19 12	1 37	20 42	14 43	13 36	13 18	25 57	16 47	6 20
S 19	18 59	13 56	4 36	18 51	1 46	11 0	6 30	17 57	6 27	18 34	0 58	22 34	0 55	17 41	0 15	19 13	1 37	20 43	14 43	13 36	13 19	25 58	16 47	6 19
S 20	18 45	19 18	5 5	18 16	1 45	10 59	6 40	18 3	6 30	18 36	0 58	22 34	0 55	17 41	0 15	19 13	1 38	20 44	14 44	13 36	13 20	25 59	16 47	6 19
M21	18 30	23 41	5 15	17 39	1 43	10 59	6 50	18 8	6 32	18 38	0 58	22 34	0 55	17 41	0 15	19 13	1 38	20 44	14 44	13 36	13 21	26 0	16 47	6 19
T 22	18 16	26 40	5 6	17 2	1 40	11 0	6 59	18 14	6 35	18 40	0 58	22 35	0 55	17 41	0 15	19 13	1 38	20 45	14 44	13 37	13 22	26 1	16 47	6 18
W23	18 1	27 53	4 38	16 24	1 37	11 2	7 8	18 19	6 37	18 42	0 58	22 35	0 55	17 41	0 15	19 13	1 38	20 45	14 44	13 37	13 23	26 2	16 48	6 18
T 24	17 45	27 11	3 52	15 44	1 34	11 4	7 16	18 25	6 39	18 43	0 58	22 35	0 55	17 41	0 15	19 14	1 38	20 46	14 45	13 38	13 24	26 3	16 48	6 17
F 25	17 30	24 39	2 51	15 5	1 30	11 7	7 22	18 31	6 41	18 45	0 58	22 35	0 55	17 41	0 15	19 14	1 38	20 47	14 45	13 38	13 25	26 5	16 48	6 17
S 26	17 14	20 34	1 39	14 24	1 25	11 10	7 29	18 37	6 42	18 47	0 58	22 35	0 55	17 41	0 15	19 14	1 38	20 47	14 45	13 39	13 27	26 6	16 48	6 17
S 27	16 57	15 23	0 23	13 43	1 20	11 14	7 34	18 43	6 44	18 49	0 58	22 35	0 55	17 41	0 15	19 14	1 38	20 48	14 45	13 39	13 28	26 7	16 49	6 16
M28	16 41	9 31	0n52	13 1	1 15	11 18	7 38	18 49	6 45	18 50	0 58	22 34	0 55	17 41	0 15	19 14	1 38	20 48	14 45	13 39	13 29	26 8	16 49	6 16
T 29	16 24	3 23	2 4	12 20	1 10	11 23	7 42	18 54	6 47	18 52	0 59	22 34	0 55	17 41	0 14	19 14	1 38	20 49	14 46	13 39	13 30	26 9	16 49	6 16
W30	16 7	2n43	3 6	11 37	1 4	11 28	7 44	19 0	6 48	18 53	0 59	22 34	0 55	17 42	0 14	19 14	1 38	20 50	14 46	13 38	13 31	26 10	16 49	6 15
T 31	15n50	8n33	3n58	10n55	0n57	11n33	7s46	19s 6	6s48	18n55	0s59	22n34	0s55	17s42	0n14	19n15	1s38	20s50	14s46	13s38	13s32	26n11	16s50	6n15

Julian Day Number = 2291394.5, Delta T = 155.53 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'17, Lahiri = 17°44'17 Julian Calendar 1 July 1561 == Greg. Calendar 11 July 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

AUGUST 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 16 26	17♌47'32	24♈46	5♍46	4°R19	26°R15	28♉36	1♋18	20♏33	3♊12	11°R32	23♒46	24♒ 1	5♊20	19°R 9	F 1
S 2	21 20 23	18°45'14	6♉56	7°24	3♌51	26♒ 0	28°43	1°25	20°33	3°13	11♓31	23°46	23°58	5°26	19♐ 8	S 2
S 3	21 24 19	19°42'57	18°56	9° 0	3°25	25°45	28°50	1°31	20°34	3°14	11°30	23°R46	23°55	5°33	19° 7	S 3
M 4	21 28 16	20°40'42	0♊50	10°35	3° 1	25°29	28°57	1°37	20°35	3°15	11°29	23°46	23°52	5°40	19° 6	M 4
T 5	21 32 12	21°38'29	12°43	12° 9	2°39	25°13	29° 4	1°43	20°36	3°16	11°28	23°46	23°48	5°47	19° 5	T 5
W 6	21 36 9	22°36'18	24°39	13°41	2°19	24°57	29°10	1°49	20°37	3°16	11°27	23°46	23°45	5°53	19° 5	W 6
T 7	21 40 5	23°34'08	6♋44	15°12	2° 2	24°42	29°17	1°55	20°37	3°17	11°26	23°D46	23°42	6° 0	19° 4	T 7
F 8	21 44 2	24°32'00	18°58	16°41	1°47	24°26	29°23	2° 1	20°38	3°18	11°24	23°46	23°39	6° 7	19° 4	F 8
S 9	21 47 59	25°29'53	1♌27	18° 9	1°34	24°10	29°29	2° 6	20°39	3°18	11°23	23°46	23°36	6°13	19° 3	S 9
S 10	21 51 55	26°27'49	14°11	19°36	1°24	23°54	29°35	2°12	20°40	3°19	11°22	23°46	23°32	6°20	19° 3	S 10
M11	21 55 52	27°25'45	27°11	21° 0	1°16	23°38	29°40	2°18	20°42	3°19	11°21	23°R46	23°29	6°27	19° 3	M11
T 12	21 59 48	28°23'44	10♍28	22°24	1°11	23°22	29°46	2°23	20°43	3°20	11°20	23°46	23°26	6°34	19° 2	T 12
W13	22 3 45	29°21'43	23°59	23°46	1° 8	23° 7	29°51	2°29	20°44	3°21	11°19	23°46	23°23	6°40	19°D 2	W13
T 14	22 7 41	0♍19'45	7♎44	25° 6	1°D 7	22°51	29°56	2°34	20°45	3°21	11°17	23°45	23°20	6°47	19° 2	T 14
F 15	22 11 38	1°17'47	21°40	26°25	1° 9	22°37	0♊ 1	2°39	20°46	3°21	11°16	23°44	23°17	6°54	19° 2	F 15
S 16	22 15 34	2°15'51	5♏44	27°42	1°12	22°22	0° 6	2°44	20°48	3°22	11°15	23°43	23°13	7° 0	19° 3	S 16
S 17	22 19 31	3°13'57	19°54	28°57	1°18	22° 8	0°11	2°50	20°49	3°22	11°14	23°43	23°10	7° 7	19° 3	S 17
M18	22 23 28	4°12'04	4♐ 7	0♎11	1°27	21°54	0°15	2°55	20°51	3°23	11°12	23°D43	23° 7	7°14	19° 3	M18
T 19	22 27 24	5°10'13	18°21	1°22	1°37	21°41	0°20	3° 0	20°52	3°23	11°11	23°43	23° 4	7°21	19° 4	T 19
W20	22 31 21	6° 8'23	2♑33	2°32	1°50	21°28	0°24	3° 5	20°54	3°23	11°10	23°43	23° 1	7°27	19° 4	W20
T 21	22 35 17	7° 6'34	16°41	3°40	2° 4	21°16	0°28	3°10	20°55	3°23	11° 9	23°44	22°58	7°34	19° 5	T 21
F 22	22 39 14	8° 4'47	0♒41	4°45	2°21	21° 4	0°32	3°14	20°57	3°24	11° 7	23°46	22°54	7°41	19° 6	F 22
S 23	22 43 10	9° 3'02	14°33	5°49	2°39	20°53	0°35	3°19	20°59	3°24	11° 6	23°46	22°51	7°48	19° 6	S 23
S 24	22 47 7	10° 1'18	28°12	6°50	2°59	20°43	0°39	3°24	21° 0	3°24	11° 5	23°R46	22°48	7°54	19° 7	S 24
M25	22 51 3	10°59'36	11♓38	7°48	3°22	20°33	0°42	3°28	21° 2	3°24	11° 4	23°46	22°45	8° 1	19° 8	M25
T 26	22 55 0	11°57'55	24°48	8°44	3°45	20°24	0°45	3°33	21° 4	3°24	11° 3	23°44	22°42	8° 8	19° 9	T 26
W27	22 58 56	12°56'17	7♈41	9°36	4°11	20°16	0°48	3°37	21° 6	3°R24	11° 1	23°42	22°38	8°14	19°11	W27
T 28	23 2 53	13°54'41	20°19	10°26	4°38	20° 8	0°50	3°41	21° 8	3°24	11° 0	23°39	22°35	8°21	19°12	T 28
F 29	23 6 50	14°53'06	2♉41	11°13	5° 7	20° 1	0°53	3°45	21°10	3°24	10°59	23°35	22°32	8°28	19°13	F 29
S 30	23 10 46	15°51'34	14°50	11°55	5°37	19°54	0°55	3°50	21°12	3°24	10°58	23°32	22°29	8°35	19°15	S 30
S 31	23 14 43	16♍50'04	26♉50	12♎34	6♌ 9	19♒49	0♊57	3♋54	21♏14	3♊24	10♓56	23♒30	22♒26	8♊41	19♐16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n32	13n55	4n37	10n12	0n51	11n39	7s47	19s12	6s49	18n56	0s59	22n34	0s55	17s42	0n14	19n15	1s38	20s51	14s46	13s38	13s33	26n12	16s50	6n14
S 2	15 14	18 38	5 3	9 30	0 44	11 45	7 48	19 18	6 50	18 58	0 59	22 34	0 55	17 42	0 14	19 15	1 38	20 51	14 46	13 38	13 34	26 13	16 50	6 14
S 3	14 56	22 33	5 16	8 47	0 37	11 52	7 47	19 23	6 50	18 59	0 59	22 34	0 55	17 42	0 14	19 15	1 38	20 52	14 46	13 38	13 35	26 14	16 51	6 14
M 4	14 38	25 30	5 14	8 4	0 30	11 58	7 46	19 29	6 50	19 1	0 59	22 34	0 55	17 43	0 14	19 15	1 38	20 53	14 47	13 38	13 36	26 15	16 51	6 13
T 5	14 20	27 20	5 0	7 21	0 22	12 5	7 44	19 34	6 50	19 2	0 59	22 34	0 55	17 43	0 14	19 15	1 38	20 53	14 47	13 38	13 37	26 17	16 51	6 13
W 6	14 1	27 55	4 32	6 39	0 14	12 11	7 42	19 39	6 49	19 3	0 59	22 34	0 55	17 43	0 14	19 15	1 38	20 54	14 47	13 38	13 38	26 18	16 52	6 12
T 7	13 42	27 11	3 52	5 57	0 6	12 18	7 38	19 44	6 49	19 5	0 59	22 34	0 55	17 43	0 14	19 15	1 38	20 54	14 47	13 38	13 39	26 19	16 52	6 12
F 8	13 23	25 8	3 1	5 14	0s 2	12 25	7 35	19 49	6 48	19 6	1 0	22 34	0 55	17 44	0 14	19 15	1 38	20 55	14 47	13 38	13 40	26 20	16 52	6 12
S 9	13 3	21 51	2 1	4 32	0 10	12 32	7 31	19 53	6 47	19 7	1 0	22 34	0 55	17 44	0 14	19 15	1 38	20 55	14 47	13 38	13 41	26 21	16 53	6 11
S 10	12 44	17 27	0 53	3 51	0 19	12 39	7 26	19 58	6 46	19 8	1 0	22 34	0 55	17 44	0 14	19 15	1 39	20 56	14 47	13 38	13 42	26 22	16 53	6 11
M11	12 24	12 11	0s19	3 9	0 27	12 45	7 21	20 2	6 45	19 9	1 0	22 34	0 55	17 44	0 14	19 16	1 39	20 57	14 48	13 38	13 43	26 23	16 54	6 10
T 12	12 4	6 15	1 31	2 29	0 36	12 52	7 15	20 6	6 43	19 10	1 0	22 34	0 55	17 45	0 14	19 16	1 39	20 57	14 48	13 38	13 44	26 24	16 54	6 10
W13	11 43	0s 3	2 40	1 48	0 44	12 58	7 9	20 9	6 41	19 11	1 0	22 33	0 55	17 45	0 14	19 16	1 39	20 58	14 48	13 38	13 46	26 25	16 54	6 9
T 14	11 23	6 27	3 40	1 8	0 53	13 5	7 3	20 13	6 40	19 12	1 0	22 33	0 55	17 46	0 14	19 16	1 39	20 58	14 48	13 38	13 47	26 26	16 55	6 9
F 15	11 2	12 36	4 28	0 29	1 2	13 11	6 56	20 16	6 37	19 13	1 0	22 33	0 55	17 46	0 14	19 16	1 39	20 59	14 48	13 38	13 48	26 27	16 55	6 9
S 16	10 42	18 11	5 1	0s10	1 11	13 17	6 49	20 18	6 35	19 14	1 0	22 33	0 55	17 46	0 14	19 16	1 39	20 59	14 48	13 39	13 49	26 28	16 56	6 8
S 17	10 21	22 49	5 16	0 48	1 20	13 23	6 42	20 21	6 33	19 15	1 0	22 33	0 55	17 47	0 14	19 16	1 39	21 0	14 48	13 39	13 50	26 28	16 56	6 8
M18	10 0	26 7	5 11	1 26	1 29	13 28	6 34	20 23	6 30	19 16	1 1	22 33	0 55	17 47	0 14	19 16	1 39	21 1	14 48	13 39	13 51	26 29	16 57	6 7
T 19	9 38	27 46	4 48	2 3	1 38	13 34	6 27	20 25	6 27	19 17	1 1	22 33	0 55	17 47	0 14	19 16	1 39	21 1	14 48	13 39	13 52	26 30	16 57	6 7
W20	9 17	27 35	4 7	2 39	1 47	13 38	6 19	20 26	6 24	19 18	1 1	22 33	0 55	17 48	0 14	19 16	1 39	21 2	14 48	13 39	13 53	26 31	16 58	6 6
T 21	8 55	25 37	3 11	3 14	1 56	13 43	6 11	20 27	6 21	19 18	1 1	22 33	0 55	17 48	0 14	19 16	1 39	21 2	14 48	13 38	13 54	26 32	16 58	6 6
F 22	8 34	22 4	2 4	3 48	2 5	13 47	6 3	20 28	6 18	19 19	1 1	22 33	0 55	17 49	0 14	19 16	1 39	21 3	14 48	13 38	13 55	26 33	16 59	6 5
S 23	8 12	17 19	0 51	4 21	2 13	13 51	5 55	20 28	6 15	19 20	1 1	22 32	0 55	17 49	0 14	19 16	1 39	21 3	14 49	13 38	13 56	26 34	16 59	6 5
S 24	7 50	11 45	0n24	4 53	2 22	13 55	5 46	20 29	6 11	19 20	1 1	22 32	0 55	17 50	0 14	19 16	1 39	21 4	14 49	13 38	13 57	26 35	17 0	6 5
M25	7 28	5 43	1 37	5 24	2 31	13 58	5 38	20 28	6 8	19 21	1 1	22 32	0 55	17 50	0 14	19 16	1 39	21 4	14 49	13 38	13 58	26 36	17 0	6 4
T 26	7 5	0n25	2 43	5 54	2 39	14 1	5 29	20 28	6 4	19 21	1 1	22 32	0 55	17 51	0 14	19 16	1 39	21 5	14 49	13 39	13 59	26 37	17 1	6 4
W27	6 43	6 24	3 39	6 22	2 47	14 4	5 21	20 27	6 0	19 22	1 2	22 32	0 55	17 51	0 14	19 16	1 39	21 5	14 49	13 39	14 0	26 38	17 1	6 3
T 28	6 21	12 0	4 23	6 49	2 55	14 6	5 12	20 26	5 56	19 22	1 2	22 32	0 55	17 52	0 14	19 16	1 39	21 6	14 49	13 40	14 1	26 38	17 2	6 3
F 29	5 58	17 1	4 54	7 15	3 3	14 7	5 4	20 24	5 52	19 23	1 2	22 32	0 55	17 52	0 14	19 15	1 40	21 6	14 49	13 41	14 2	26 39	17 2	6 2
S 30	5 35	21 16	5 10	7 38	3 10	14 9	4 55	20 22	5 48	19 23	1 2	22 32	0 55	17 53	0 14	19 15	1 40	21 7	14 49	13 42	14 3	26 40	17 3	6 2
S 31	5n13	24n34	5n14	8s 0	3s17	14n 9	4s46	20s20	5s44	19n23	1s 2	22n31	0s55	17s53	0n14	19n15	1s40	21s 7	14s49	13s43	14s 4	26n41	17s 4	6n 1

Julian Day Number = 2291425.5, Delta T = 155.36 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'21, Lahiri = 17°44'21 Julian Calendar 1 Aug. 1561 == Greg. Calendar 11 Aug. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

SEPTEMBER 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 18 39	17♍48'36	8♊44	13♎ 9	6♌42	19°R44	0♊59	3♋57	21♏16	3°R24	10°R55	23°R29	22♒23	8♊48	19♐18	M 1
T 2	23 22 36	18°47'11	20°36	13°40	7°17	19♒40	1° 1	4° 1	21°18	3♊23	10♓54	23°D28	22°19	8°55	19°19	T 2
W 3	23 26 32	19°45'47	2♋32	14° 5	7°53	19°37	1° 2	4° 5	21°20	3°23	10°53	23♒29	22°16	9° 1	19°21	W 3
T 4	23 30 29	20°44'26	14°36	14°26	8°30	19°34	1° 3	4° 9	21°22	3°23	10°51	23°30	22°13	9° 8	19°23	T 4
F 5	23 34 25	21°43'07	26°53	14°41	9° 9	19°33	1° 5	4°12	21°25	3°23	10°50	23°32	22°10	9°15	19°25	F 5
S 6	23 38 22	22°41'50	9♌27	14°50	9°48	19°32	1° 6	4°16	21°27	3°23	10°49	23°33	22° 7	9°22	19°27	S 6
S 7	23 42 19	23°40'36	22°21	14°R53	10°29	19°D32	1° 6	4°19	21°29	3°22	10°48	23°R34	22° 4	9°28	19°29	S 7
M 8	23 46 15	24°39'23	5♍36	14°49	11°11	19°32	1° 7	4°22	21°32	3°22	10°47	23°34	22° 0	9°35	19°31	M 8
T 9	23 50 12	25°38'13	19°14	14°39	11°54	19°34	1° 7	4°25	21°34	3°21	10°45	23°31	21°57	9°42	19°34	T 9
W10	23 54 8	26°37'05	3♎11	14°21	12°37	19°36	1°R 7	4°29	21°37	3°21	10°44	23°28	21°54	9°48	19°36	W10
T 11	23 58 5	27°35'58	17°24	13°56	13°22	19°39	1° 7	4°31	21°39	3°21	10°43	23°23	21°51	9°55	19°39	T 11
F 12	0 2 1	28°34'54	1♏48	13°23	14° 8	19°43	1° 7	4°34	21°42	3°20	10°42	23°18	21°48	10° 2	19°41	F 12
S 13	0 5 58	29°33'51	16°17	12°43	14°55	19°48	1° 6	4°37	21°44	3°19	10°41	23°12	21°44	10° 9	19°44	S 13
S 14	0 9 54	0♎32'51	0♐46	11°56	15°42	19°54	1° 5	4°40	21°47	3°19	10°40	23° 8	21°41	10°15	19°46	S 14
M15	0 13 51	1°31'52	15° 8	11° 2	16°31	20° 0	1° 5	4°42	21°50	3°18	10°38	23° 5	21°38	10°22	19°49	M15
T 16	0 17 48	2°30'55	29°22	10° 2	17°20	20° 7	1° 3	4°45	21°52	3°18	10°37	23°D 4	21°35	10°29	19°52	T 16
W17	0 21 44	3°30'00	13♑24	8°58	18°10	20°15	1° 2	4°47	21°55	3°17	10°36	23° 4	21°32	10°35	19°55	W17
T 18	0 25 41	4°29'06	27°14	7°50	19° 0	20°23	1° 1	4°49	21°58	3°16	10°35	23° 6	21°29	10°42	19°58	T 18
F 19	0 29 37	5°28'14	10♒52	6°41	19°52	20°33	0°59	4°51	22° 1	3°16	10°34	23° 7	21°25	10°49	20° 1	F 19
S 20	0 33 34	6°27'24	24°18	5°31	20°44	20°43	0°57	4°54	22° 3	3°15	10°33	23°R 8	21°22	10°56	20° 4	S 20
S 21	0 37 30	7°26'36	7♓33	4°23	21°37	20°54	0°55	4°55	22° 6	3°14	10°32	23° 7	21°19	11° 2	20° 8	S 21
M22	0 41 27	8°25'50	20°35	3°19	22°30	21° 5	0°53	4°57	22° 9	3°13	10°31	23° 3	21°16	11° 9	20°11	M22
T 23	0 45 23	9°25'05	3♈26	2°20	23°24	21°17	0°50	4°59	22°12	3°13	10°30	22°58	21°13	11°16	20°14	T 23
W24	0 49 20	10°24'23	16° 5	1°29	24°19	21°30	0°47	5° 1	22°15	3°12	10°29	22°51	21° 9	11°22	20°18	W24
T 25	0 53 17	11°23'43	28°33	0°47	25°15	21°43	0°44	5° 2	22°18	3°11	10°28	22°42	21° 6	11°29	20°21	T 25
F 26	0 57 13	12°23'05	10♉48	0°14	26°10	21°57	0°41	5° 3	22°21	3°10	10°27	22°32	21° 3	11°36	20°25	F 26
S 27	1 1 10	13°22'29	22°54	29♍51	27° 7	22°12	0°38	5° 5	22°24	3° 9	10°25	22°23	21° 0	11°43	20°29	S 27
S 28	1 5 6	14°21'56	4♊51	29°40	28° 4	22°27	0°35	5° 6	22°27	3° 8	10°25	22°15	20°57	11°49	20°33	S 28
M29	1 9 3	15°21'24	16°43	29°D40	29° 2	22°43	0°31	5° 7	22°30	3° 7	10°24	22° 9	20°54	11°56	20°36	M29
T 30	1 12 59	16♎20'56	28♊34	29♍50	29♌59	23♒ 0	0♊27	5♋ 8	22♏33	3♊ 6	10♓23	22♒ 5	20♒50	12♊ 3	20♐40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n50	26n48	5n 3	8s20	3s23	14n10	4s38	20s18	5s40	19n24	1s 2	22n31	0s55	17s54	0n14	19n15	1s40	21s 8	14s49	13s44	14s 5	26n42	17s 4	6n 1
T 2	4 27	27 49	4 40	8 37	3 30	14 9	4 29	20 15	5 35	19 24	1 2	22 31	0 55	17 55	0 14	19 15	1 40	21 8	14 49	13 44	14 6	26 43	17 5	6 0
W 3	4 4	27 33	4 4	8 52	3 35	14 9	4 20	20 12	5 31	19 24	1 2	22 31	0 55	17 55	0 14	19 15	1 40	21 9	14 49	13 44	14 7	26 43	17 5	6 0
T 4	3 41	25 58	3 17	9 5	3 40	14 8	4 12	20 9	5 27	19 24	1 2	22 31	0 55	17 56	0 14	19 15	1 40	21 9	14 49	13 43	14 8	26 44	17 6	6 0
F 5	3 18	23 8	2 21	9 14	3 44	14 6	4 3	20 5	5 22	19 24	1 2	22 31	0 55	17 56	0 14	19 15	1 40	21 9	14 49	13 43	14 9	26 45	17 6	5 59
S 6	2 54	19 10	1 17	9 21	3 47	14 4	3 55	20 1	5 18	19 24	1 3	22 31	0 55	17 57	0 14	19 15	1 40	21 10	14 48	13 42	14 10	26 46	17 7	5 59
S 7	2 31	14 12	0 7	9 24	3 50	14 1	3 46	19 57	5 13	19 25	1 3	22 31	0 55	17 58	0 14	19 15	1 40	21 10	14 48	13 42	14 11	26 47	17 8	5 58
M 8	2 8	8 28	1s 5	9 24	3 51	13 58	3 38	19 52	5 9	19 25	1 3	22 31	0 55	17 58	0 14	19 15	1 40	21 11	14 48	13 42	14 13	26 47	17 8	5 58
T 9	1 44	2 12	2 15	9 20	3 51	13 55	3 30	19 47	5 4	19 24	1 3	22 30	0 55	17 59	0 14	19 14	1 40	21 11	14 48	13 43	14 14	26 48	17 9	5 57
W10	1 21	4s19	3 19	9 12	3 50	13 50	3 21	19 42	4 59	19 24	1 3	22 30	0 55	18 0	0 14	19 14	1 40	21 12	14 48	13 44	14 15	26 49	17 9	5 57
T 11	0 57	10 43	4 12	8 59	3 47	13 46	3 13	19 37	4 55	19 24	1 3	22 30	0 55	18 0	0 14	19 14	1 40	21 12	14 48	13 45	14 16	26 50	17 10	5 57
F 12	0 34	16 39	4 49	8 43	3 43	13 41	3 5	19 31	4 50	19 24	1 3	22 30	0 55	18 1	0 14	19 14	1 40	21 12	14 48	13 47	14 17	26 51	17 11	5 56
S 13	0 10	21 40	5 8	8 21	3 37	13 35	2 57	19 25	4 46	19 24	1 3	22 30	0 55	18 2	0 14	19 14	1 40	21 13	14 48	13 49	14 18	26 51	17 11	5 56
S 14	0s13	25 22	5 8	7 56	3 29	13 29	2 49	19 19	4 41	19 24	1 3	22 30	0 55	18 2	0 14	19 14	1 40	21 13	14 48	13 50	14 19	26 52	17 12	5 55
M15	0 37	27 26	4 48	7 25	3 19	13 22	2 41	19 13	4 36	19 23	1 3	22 30	0 55	18 3	0 13	19 14	1 40	21 13	14 48	13 51	14 20	26 53	17 13	5 55
T 16	1 0	27 40	4 11	6 51	3 7	13 15	2 33	19 6	4 32	19 23	1 4	22 30	0 55	18 4	0 13	19 13	1 40	21 14	14 48	13 52	14 21	26 53	17 13	5 54
W17	1 24	26 7	3 19	6 13	2 54	13 7	2 25	18 59	4 27	19 23	1 4	22 30	0 55	18 4	0 13	19 13	1 40	21 14	14 48	13 52	14 22	26 54	17 14	5 54
T 18	1 47	22 59	2 16	5 32	2 38	12 59	2 17	18 52	4 23	19 22	1 4	22 29	0 55	18 5	0 13	19 13	1 40	21 14	14 47	13 51	14 23	26 55	17 14	5 54
F 19	2 11	18 36	1 6	4 49	2 21	12 50	2 10	18 45	4 18	19 22	1 4	22 29	0 55	18 6	0 13	19 13	1 41	21 15	14 47	13 51	14 24	26 56	17 15	5 53
S 20	2 34	13 21	0n 6	4 5	2 3	12 41	2 2	18 38	4 14	19 21	1 4	22 29	0 55	18 7	0 13	19 13	1 41	21 15	14 47	13 51	14 25	26 56	17 16	5 53
S 21	2 58	7 34	1 17	3 20	1 43	12 31	1 55	18 30	4 9	19 21	1 4	22 29	0 55	18 7	0 13	19 13	1 41	21 15	14 47	13 51	14 26	26 57	17 16	5 52
M22	3 21	1 33	2 23	2 36	1 23	12 21	1 47	18 22	4 5	19 20	1 4	22 29	0 55	18 8	0 13	19 12	1 41	21 16	14 47	13 52	14 27	26 58	17 17	5 52
T 23	3 44	4n25	3 20	1 54	1 3	12 11	1 40	18 14	4 0	19 20	1 4	22 29	0 55	18 9	0 13	19 12	1 41	21 16	14 47	13 54	14 28	26 58	17 18	5 52
W24	4 8	10 7	4 6	1 14	0 42	11 59	1 33	18 5	3 56	19 19	1 4	22 29	0 55	18 10	0 13	19 12	1 41	21 16	14 47	13 56	14 29	26 59	17 18	5 51
T 25	4 31	15 20	4 40	0 39	0 22	11 48	1 26	17 57	3 51	19 19	1 4	22 29	0 55	18 11	0 13	19 12	1 41	21 16	14 47	13 59	14 30	27 0	17 19	5 51
F 26	4 54	19 50	5 0	0 8	0 3	11 35	1 19	17 48	3 47	19 18	1 4	22 29	0 55	18 11	0 13	19 12	1 41	21 17	14 46	14 2	14 31	27 0	17 19	5 51
S 27	5 18	23 28	5 6	0n18	0n16	11 23	1 12	17 39	3 43	19 17	1 4	22 29	0 55	18 12	0 13	19 11	1 41	21 17	14 46	14 5	14 32	27 1	17 20	5 50
S 28	5 41	26 3	4 59	0 38	0 33	11 9	1 5	17 30	3 38	19 16	1 4	22 29	0 55	18 13	0 13	19 11	1 41	21 17	14 46	14 8	14 33	27 1	17 21	5 50
M29	6 4	27 27	4 39	0 53	0 49	10 56	0 58	17 21	3 34	19 15	1 5	22 29	0 55	18 14	0 13	19 11	1 41	21 17	14 46	14 10	14 34	27 2	17 21	5 49
T 30	6s27	27n36	4n 7	1n 2	1n 3	10n41	0s52	17s11	3s30	19n15	1s 5	22n29	0s55	18s15	0n13	19n11	1s41	21s18	14s46	14s11	14s35	27n 3	17s22	5n49

Julian Day Number = 2291456.5, Delta T = 155.18 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'25, Lahiri = 17°44'26 Julian Calendar 1 Sept. 1561 == Greg. Calendar 11 Sept. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

OCTOBER 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 16 56	17♎20'29	10♋27	0♎11	0♍58	23♒17	0°R23	5♋ 9	22♏37	3°R 5	10°R22	22°R 3	20♒47	12♊ 9	20♐44	W 1
T 2	1 20 52	18°20'05	22°29	0°42	1°57	23°35	0♊19	5° 9	22°40	3♊ 4	10♓21	22°D 3	20°44	12°16	20°48	T 2
F 3	1 24 49	19°19'43	4♌43	1°22	2°57	23°53	0°14	5°10	22°43	3° 3	10°20	22♒ 4	20°41	12°23	20°52	F 3
S 4	1 28 46	20°19'23	17°16	2°11	3°57	24°12	0°10	5°11	22°46	3° 2	10°19	22°R 4	20°38	12°30	20°57	S 4
S 5	1 32 42	21°19'05	0♍11	3° 7	4°57	24°31	0° 5	5°11	22°50	3° 0	10°18	22° 4	20°35	12°36	21° 1	S 5
M 6	1 36 39	22°18'50	13°32	4°10	5°58	24°51	0° 0	5°11	22°53	2°59	10°17	22° 2	20°31	12°43	21° 5	M 6
T 7	1 40 35	23°18'37	27°20	5°19	7° 0	25°11	29♉55	5°11	22°56	2°58	10°16	21°57	20°28	12°50	21°10	T 7
W 8	1 44 32	24°18'26	11♎35	6°33	8° 1	25°32	29°50	5°R11	23° 0	2°57	10°15	21°50	20°25	12°56	21°14	W 8
T 9	1 48 28	25°18'17	26°11	7°52	9° 3	25°54	29°44	5°11	23° 3	2°56	10°15	21°41	20°22	13° 3	21°19	T 9
F 10	1 52 25	26°18'10	11♏ 2	9°14	10° 6	26°16	29°39	5°11	23° 6	2°54	10°14	21°31	20°19	13°10	21°23	F 10
S 11	1 56 21	27°18'05	25°58	10°40	11° 8	26°38	29°33	5°11	23°10	2°53	10°13	21°21	20°15	13°17	21°28	S 11
S 12	2 0 18	28°18'02	10♐52	12° 8	12°11	27° 1	29°27	5°10	23°13	2°52	10°12	21°12	20°12	13°23	21°32	S 12
M13	2 4 15	29°18'01	25°34	13°39	13°15	27°24	29°21	5°10	23°17	2°50	10°11	21° 6	20° 9	13°30	21°37	M13
T 14	2 8 11	0♏18'01	9♑59	15°11	14°19	27°48	29°15	5° 9	23°20	2°49	10°11	21° 2	20° 6	13°37	21°42	T 14
W15	2 12 8	1°18'03	24° 4	16°45	15°23	28°12	29° 8	5° 8	23°24	2°48	10°10	21° 0	20° 3	13°43	21°47	W15
T 16	2 16 4	2°18'07	7♒50	18°20	16°27	28°37	29° 2	5° 8	23°27	2°46	10° 9	21°D 0	20° 0	13°50	21°52	T 16
F 17	2 20 1	3°18'12	21°16	19°56	17°32	29° 2	28°55	5° 7	23°31	2°45	10° 9	21°R 1	19°56	13°57	21°57	F 17
S 18	2 23 57	4°18'18	4♓25	21°33	18°37	29°27	28°49	5° 6	23°34	2°43	10° 8	21° 0	19°53	14° 4	22° 2	S 18
S 19	2 27 54	5°18'26	17°20	23°10	19°42	29°53	28°42	5° 4	23°38	2°42	10° 7	20°57	19°50	14°10	22° 7	S 19
M20	2 31 50	6°18'36	0♈ 3	24°48	20°47	0♓19	28°35	5° 3	23°41	2°40	10° 7	20°52	19°47	14°17	22°12	M20
T 21	2 35 47	7°18'48	12°36	26°25	21°53	0°45	28°28	5° 2	23°45	2°39	10° 6	20°43	19°44	14°24	22°17	T 21
W22	2 39 44	8°19'01	24°59	28° 3	22°59	1°12	28°20	5° 0	23°49	2°37	10° 6	20°32	19°41	14°30	22°22	W22
T 23	2 43 40	9°19'15	7♉13	29°41	24° 6	1°40	28°13	4°59	23°52	2°36	10° 5	20°19	19°37	14°37	22°28	T 23
F 24	2 47 37	10°19'32	19°20	1♏19	25°12	2° 7	28° 6	4°57	23°56	2°34	10° 5	20° 4	19°34	14°44	22°33	F 24
S 25	2 51 33	11°19'51	1♊20	2°56	26°19	2°35	27°58	4°55	23°59	2°33	10° 4	19°50	19°31	14°51	22°38	S 25
S 26	2 55 30	12°20'11	13°14	4°34	27°26	3° 3	27°51	4°53	24° 3	2°31	10° 4	19°37	19°28	14°57	22°44	S 26
M27	2 59 26	13°20'33	25° 4	6°11	28°33	3°32	27°43	4°51	24° 7	2°30	10° 3	19°27	19°25	15° 4	22°49	M27
T 28	3 3 23	14°20'57	6♋53	7°49	29°41	4° 0	27°35	4°49	24°10	2°28	10° 3	19°19	19°21	15°11	22°55	T 28
W29	3 7 19	15°21'23	18°45	9°26	0♎49	4°29	27°27	4°47	24°14	2°27	10° 2	19°14	19°18	15°17	23° 0	W29
T 30	3 11 16	16°21'51	0♌44	11° 2	1°57	4°59	27°20	4°44	24°18	2°25	10° 2	19°12	19°15	15°24	23° 6	T 30
F 31	3 15 13	17♏22'20	12♌54	12♏39	3♎ 5	5♓28	27♉12	4♋42	24♏21	2♊23	10♓ 2	19♒11	19♒12	15♊31	23♐12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s50	26n28	3n24	1n 5	1n16	10n27	0s45	17s 2	3s26	19n14	1s 5	22n29	0s55	18s15	0n13	19n10	1s41	21s18	14s46	14s12	14s36	27n 3	17s23	5n49
T 2	7 12	24 7	2 32	1 3	1 27	10 12	0 39	16 52	3 22	19 13	1 5	22 29	0 55	18 16	0 13	19 10	1 41	21 18	14 45	14 12	14 37	27 4	17 23	5 48
F 3	7 35	20 37	1 32	0 56	1 36	9 56	0 33	16 42	3 18	19 12	1 5	22 29	0 55	18 17	0 13	19 10	1 41	21 18	14 45	14 11	14 38	27 4	17 24	5 48
S 4	7 58	16 7	0 26	0 44	1 44	9 40	0 27	16 32	3 14	19 11	1 5	22 29	0 55	18 18	0 13	19 10	1 41	21 18	14 45	14 11	14 39	27 5	17 24	5 48
S 5	8 20	10 46	0s43	0 27	1 51	9 24	0 21	16 22	3 10	19 10	1 5	22 29	0 55	18 19	0 13	19 9	1 41	21 19	14 45	14 11	14 40	27 6	17 25	5 47
M 6	8 42	4 46	1 52	0 7	1 56	9 7	0 15	16 11	3 6	19 9	1 5	22 29	0 55	18 20	0 13	19 9	1 41	21 19	14 45	14 12	14 41	27 6	17 26	5 47
T 7	9 5	1s38	2 56	0s17	2 0	8 50	0 9	16 1	3 2	19 8	1 5	22 29	0 55	18 20	0 13	19 9	1 41	21 19	14 44	14 13	14 42	27 7	17 26	5 47
W 8	9 27	8 8	3 52	0 43	2 3	8 32	0 3	15 50	2 58	19 6	1 5	22 28	0 55	18 21	0 13	19 9	1 41	21 19	14 44	14 16	14 43	27 7	17 27	5 46
T 9	9 49	14 22	4 33	1 13	2 5	8 14	0n 2	15 39	2 54	19 5	1 5	22 28	0 55	18 22	0 13	19 8	1 41	21 19	14 44	14 19	14 44	27 8	17 27	5 46
F 10	10 11	19 53	4 58	1 45	2 5	7 55	0 8	15 28	2 51	19 4	1 5	22 28	0 55	18 23	0 13	19 8	1 41	21 19	14 44	14 22	14 45	27 8	17 28	5 46
S 11	10 32	24 10	5 2	2 19	2 5	7 37	0 13	15 17	2 47	19 3	1 5	22 29	0 55	18 24	0 13	19 8	1 41	21 19	14 43	14 25	14 46	27 9	17 29	5 45
S 12	10 54	26 50	4 45	2 54	2 4	7 17	0 19	15 5	2 43	19 1	1 5	22 29	0 55	18 25	0 13	19 7	1 41	21 19	14 43	14 28	14 47	27 9	17 29	5 45
M13	11 15	27 35	4 10	3 31	2 2	6 58	0 24	14 54	2 40	19 0	1 5	22 29	0 55	18 26	0 13	19 7	1 41	21 19	14 43	14 30	14 48	27 10	17 30	5 45
T 14	11 36	26 26	3 19	4 9	2 0	6 38	0 29	14 42	2 36	18 59	1 5	22 29	0 55	18 27	0 13	19 7	1 41	21 20	14 43	14 31	14 49	27 10	17 30	5 45
W15	11 57	23 37	2 18	4 48	1 57	6 18	0 34	14 31	2 32	18 57	1 5	22 29	0 55	18 27	0 13	19 7	1 41	21 20	14 42	14 32	14 50	27 11	17 31	5 44
T 16	12 18	19 28	1 9	5 28	1 53	5 57	0 38	14 19	2 29	18 56	1 5	22 29	0 55	18 28	0 13	19 6	1 41	21 20	14 42	14 32	14 51	27 11	17 31	5 44
F 17	12 39	14 26	0n 1	6 8	1 49	5 36	0 43	14 7	2 26	18 55	1 5	22 29	0 55	18 29	0 13	19 6	1 42	21 20	14 42	14 32	14 52	27 12	17 32	5 44
S 18	12 59	8 49	1 10	6 48	1 45	5 15	0 48	13 55	2 22	18 53	1 5	22 29	0 55	18 30	0 13	19 6	1 42	21 20	14 42	14 32	14 53	27 12	17 33	5 43
S 19	13 19	2 57	2 15	7 29	1 40	4 53	0 52	13 42	2 19	18 52	1 5	22 29	0 55	18 31	0 13	19 5	1 42	21 20	14 41	14 33	14 54	27 13	17 33	5 43
M20	13 39	2n56	3 11	8 9	1 35	4 31	0 56	13 30	2 15	18 50	1 5	22 29	0 55	18 32	0 13	19 5	1 42	21 20	14 41	14 35	14 55	27 13	17 34	5 43
T 21	13 59	8 37	3 57	8 50	1 29	4 9	1 0	13 17	2 12	18 49	1 5	22 29	0 55	18 33	0 13	19 5	1 42	21 20	14 41	14 37	14 56	27 14	17 34	5 43
W22	14 19	13 53	4 31	9 31	1 23	3 47	1 5	13 5	2 9	18 47	1 5	22 29	0 55	18 34	0 13	19 5	1 42	21 20	14 41	14 41	14 57	27 14	17 35	5 42
T 23	14 38	18 33	4 52	10 11	1 17	3 24	1 8	12 52	2 6	18 45	1 5	22 29	0 55	18 35	0 13	19 4	1 42	21 20	14 40	14 45	14 58	27 15	17 35	5 42
F 24	14 57	22 24	5 0	10 51	1 11	3 1	1 12	12 39	2 3	18 44	1 5	22 29	0 55	18 36	0 13	19 4	1 42	21 20	14 40	14 50	14 59	27 15	17 36	5 42
S 25	15 16	25 16	4 54	11 30	1 5	2 38	1 16	12 26	2 0	18 42	1 5	22 29	0 55	18 36	0 13	19 4	1 42	21 19	14 40	14 54	15 0	27 15	17 36	5 42
S 26	15 35	26 59	4 35	12 9	0 59	2 14	1 20	12 13	1 57	18 41	1 5	22 29	0 55	18 37	0 13	19 3	1 42	21 19	14 40	14 58	15 1	27 16	17 37	5 42
M27	15 53	27 29	4 5	12 48	0 52	1 51	1 23	12 0	1 54	18 39	1 5	22 29	0 55	18 38	0 13	19 3	1 42	21 19	14 39	15 2	15 2	27 16	17 37	5 41
T 28	16 11	26 42	3 23	13 26	0 45	1 27	1 26	11 47	1 51	18 37	1 5	22 29	0 55	18 39	0 13	19 3	1 42	21 19	14 39	15 4	15 3	27 17	17 38	5 41
W29	16 29	24 43	2 33	14 3	0 39	1 3	1 30	11 33	1 48	18 36	1 5	22 30	0 55	18 40	0 13	19 2	1 42	21 19	14 39	15 5	15 4	27 17	17 38	5 41
T 30	16 46	21 36	1 36	14 40	0 32	0 39	1 33	11 20	1 45	18 34	1 5	22 30	0 55	18 41	0 13	19 2	1 42	21 19	14 38	15 6	15 5	27 17	17 39	5 41
F 31	17s 4	17n31	0n33	15s16	0n25	0n14	1n36	11s 6	1s42	18n32	1s 4	22n30	0s55	18s42	0n13	19n 2	1s42	21s19	14s38	15s 6	15s 6	27n18	17s39	5n41

Julian Day Number = 2291486.5, Delta T = 155.02 sec
Ecliptic obliquity = 23°29'54, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'29, Lahiri = 17°44'30 Julian Calendar 1 Oct. 1561 == Greg. Calendar 11 Oct. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

NOVEMBER 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 9	18♏22'52	25♌22	14♏15	4♎13	5♓58	27°R 4	4°R39	24♏25	2°R22	10°R 1	19°R11	19♒ 9	15♊37	23♐17	S 1
S 2	3 23 6	19°23'25	8♍12	15°51	5°22	6°28	26♉56	4♋37	24°29	2♊20	10♓ 1	19♒10	19° 6	15°44	23°23	S 2
M 3	3 27 2	20°24'00	21°28	17°27	6°30	6°59	26°47	4°34	24°33	2°18	10° 1	19° 8	19° 2	15°51	23°29	M 3
T 4	3 30 59	21°24'37	5♎15	19° 3	7°39	7°30	26°39	4°31	24°36	2°17	10° 0	19° 3	18°59	15°58	23°35	T 4
W 5	3 34 55	22°25'15	19°32	20°38	8°48	8° 0	26°31	4°28	24°40	2°15	10° 0	18°55	18°56	16° 4	23°41	W 5
T 6	3 38 52	23°25'56	4♏15	22°13	9°58	8°32	26°23	4°25	24°44	2°13	10° 0	18°45	18°53	16°11	23°46	T 6
F 7	3 42 48	24°26'38	19°20	23°48	11° 7	9° 3	26°15	4°22	24°47	2°12	10° 0	18°33	18°50	16°18	23°52	F 7
S 8	3 46 45	25°27'21	4♐35	25°23	12°17	9°35	26° 7	4°19	24°51	2°10	10° 0	18°21	18°46	16°24	23°58	S 8
S 9	3 50 42	26°28'06	19°50	26°57	13°27	10° 7	25°58	4°15	24°55	2° 8	10° 0	18°11	18°43	16°31	24° 4	S 9
M10	3 54 38	27°28'52	4♑53	28°32	14°36	10°39	25°50	4°12	24°59	2° 7	9°59	18° 3	18°40	16°38	24°10	M10
T 11	3 58 35	28°29'39	19°37	0♐ 6	15°47	11°11	25°42	4° 8	25° 2	2° 5	9°59	17°58	18°37	16°45	24°16	T 11
W12	4 2 31	29°30'27	3♒56	1°40	16°57	11°44	25°34	4° 5	25° 6	2° 3	9°59	17°56	18°34	16°51	24°22	W12
T 13	4 6 28	0♐31'16	17°48	3°15	18° 7	12°16	25°26	4° 1	25°10	2° 2	9°59	17°D55	18°31	16°58	24°28	T 13
F 14	4 10 24	1°32'06	1♓16	4°49	19°18	12°49	25°18	3°57	25°13	2° 0	9°D59	17°R55	18°27	17° 5	24°35	F 14
S 15	4 14 21	2°32'56	14°21	6°22	20°28	13°22	25°10	3°54	25°17	1°58	9°59	17°55	18°24	17°11	24°41	S 15
S 16	4 18 17	3°33'48	27° 8	7°56	21°39	13°56	25° 2	3°50	25°21	1°56	9°59	17°52	18°21	17°18	24°47	S 16
M17	4 22 14	4°34'40	9♈39	9°30	22°50	14°29	24°54	3°46	25°24	1°55	9°59	17°47	18°18	17°25	24°53	M17
T 18	4 26 11	5°35'33	21°59	11° 4	24° 1	15° 3	24°46	3°42	25°28	1°53	9°59	17°40	18°15	17°31	24°59	T 18
W19	4 30 7	6°36'28	4♉ 9	12°38	25°12	15°36	24°38	3°38	25°32	1°51	10° 0	17°29	18°12	17°38	25° 6	W19
T 20	4 34 4	7°37'23	16°12	14°12	26°23	16°10	24°30	3°34	25°35	1°50	10° 0	17°16	18° 8	17°45	25°12	T 20
F 21	4 38 0	8°38'19	28°11	15°45	27°34	16°45	24°22	3°29	25°39	1°48	10° 0	17° 3	18° 5	17°52	25°18	F 21
S 22	4 41 57	9°39'16	10♊ 5	17°19	28°46	17°19	24°15	3°25	25°43	1°46	10° 0	16°49	18° 2	17°58	25°24	S 22
S 23	4 45 53	10°40'14	21°57	18°53	29°57	17°53	24° 7	3°21	25°46	1°45	10° 0	16°37	17°59	18° 5	25°31	S 23
M24	4 49 50	11°41'13	3♋47	20°27	1♏ 9	18°28	24° 0	3°16	25°50	1°43	10° 0	16°27	17°56	18°12	25°37	M24
T 25	4 53 46	12°42'13	15°38	22° 0	2°21	19° 2	23°52	3°12	25°53	1°41	10° 1	16°20	17°52	18°18	25°43	T 25
W26	4 57 43	13°43'14	27°33	23°34	3°33	19°37	23°45	3° 7	25°57	1°40	10° 1	16°15	17°49	18°25	25°50	W26
T 27	5 1 40	14°44'16	9♌33	25° 8	4°45	20°12	23°38	3° 3	26° 1	1°38	10° 1	16°13	17°46	18°32	25°56	T 27
F 28	5 5 36	15°45'19	21°44	26°42	5°57	20°47	23°31	2°58	26° 4	1°36	10° 2	16°D13	17°43	18°39	26° 2	F 28
S 29	5 9 33	16°46'22	4♍10	28°16	7° 9	21°23	23°24	2°54	26° 8	1°35	10° 2	16°14	17°40	18°45	26° 9	S 29
S 30	5 13 29	17♐47'27	16♍55	29♐49	8♏21	21♓58	23♉17	2♋49	26♏11	1♊33	10♓ 2	16°R15	17♒37	18♊52	26♐15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s21	12n35	0s33	15s52	0n19	0s10	1n38	10s53	1s39	18n30	1s 4	22n30	0s55	18s43	0n13	19n 1	1s42	21s19	14s38	15s 6	15s 7	27n18	17s40	5n40
S 2	17 37	6 59	1 39	16 26	0 12	0 35	1 41	10 39	1 36	18 29	1 4	22 30	0 55	18 44	0 13	19 1	1 42	21 19	14 38	15 7	15 8	27 18	17 40	5 40
M 3	17 54	0 55	2 42	17 0	0 5	1 0	1 44	10 25	1 34	18 27	1 4	22 30	0 55	18 45	0 13	19 1	1 42	21 18	14 37	15 7	15 9	27 19	17 41	5 40
T 4	18 10	5s25	3 38	17 33	0s 2	1 25	1 46	10 11	1 31	18 25	1 4	22 30	0 55	18 46	0 13	19 0	1 42	21 18	14 37	15 9	15 10	27 19	17 41	5 40
W 5	18 25	11 42	4 22	18 5	0 8	1 50	1 49	9 57	1 28	18 23	1 4	22 30	0 55	18 47	0 13	19 0	1 42	21 18	14 37	15 11	15 11	27 19	17 41	5 40
T 6	18 41	17 31	4 51	18 37	0 15	2 15	1 51	9 43	1 26	18 21	1 4	22 30	0 55	18 47	0 13	19 0	1 42	21 18	14 36	15 15	15 12	27 20	17 42	5 40
F 7	18 56	22 25	5 0	19 7	0 22	2 41	1 53	9 29	1 23	18 20	1 4	22 31	0 55	18 48	0 13	18 59	1 42	21 18	14 36	15 18	15 13	27 20	17 42	5 39
S 8	19 10	25 50	4 48	19 37	0 28	3 6	1 55	9 14	1 21	18 18	1 4	22 31	0 55	18 49	0 13	18 59	1 42	21 17	14 36	15 22	15 14	27 20	17 43	5 39
S 9	19 25	27 22	4 16	20 5	0 35	3 31	1 57	9 0	1 18	18 16	1 4	22 31	0 55	18 50	0 13	18 59	1 42	21 17	14 35	15 25	15 15	27 21	17 43	5 39
M10	19 39	26 51	3 26	20 33	0 41	3 57	1 59	8 46	1 16	18 14	1 3	22 31	0 55	18 51	0 13	18 58	1 42	21 17	14 35	15 27	15 16	27 21	17 43	5 39
T 11	19 52	24 26	2 24	20 59	0 47	4 22	2 0	8 31	1 13	18 12	1 3	22 31	0 55	18 52	0 13	18 58	1 42	21 17	14 35	15 29	15 17	27 21	17 44	5 39
W12	20 6	20 30	1 13	21 25	0 53	4 48	2 2	8 16	1 11	18 11	1 3	22 31	0 55	18 53	0 13	18 58	1 42	21 16	14 34	15 30	15 18	27 21	17 44	5 39
T 13	20 19	15 33	0 1	21 49	0 59	5 13	2 3	8 2	1 8	18 9	1 3	22 31	0 55	18 54	0 13	18 57	1 42	21 16	14 34	15 30	15 19	27 22	17 45	5 39
F 14	20 31	9 57	1n10	22 13	1 5	5 39	2 5	7 47	1 6	18 7	1 3	22 32	0 55	18 55	0 13	18 57	1 42	21 16	14 34	15 30	15 20	27 22	17 45	5 39
S 15	20 43	4 6	2 15	22 35	1 11	6 4	2 6	7 32	1 4	18 5	1 3	22 32	0 55	18 56	0 13	18 57	1 42	21 16	14 33	15 30	15 21	27 22	17 45	5 39
S 16	20 55	1n47	3 12	22 56	1 16	6 30	2 7	7 17	1 2	18 3	1 3	22 32	0 55	18 56	0 13	18 56	1 42	21 15	14 33	15 31	15 22	27 22	17 46	5 38
M17	21 6	7 28	3 58	23 17	1 22	6 55	2 8	7 2	0 59	18 2	1 2	22 32	0 55	18 57	0 13	18 56	1 42	21 15	14 33	15 32	15 23	27 23	17 46	5 38
T 18	21 17	12 47	4 32	23 35	1 27	7 20	2 9	6 47	0 57	18 0	1 2	22 32	0 55	18 58	0 13	18 56	1 42	21 15	14 33	15 35	15 24	27 23	17 46	5 38
W19	21 28	17 32	4 53	23 53	1 32	7 46	2 10	6 32	0 55	17 58	1 2	22 32	0 54	18 59	0 13	18 55	1 42	21 14	14 32	15 38	15 25	27 23	17 46	5 38
T 20	21 38	21 32	5 1	24 10	1 37	8 11	2 10	6 17	0 53	17 57	1 2	22 33	0 54	19 0	0 13	18 55	1 42	21 14	14 32	15 42	15 26	27 23	17 47	5 38
F 21	21 48	24 36	4 56	24 25	1 41	8 36	2 11	6 1	0 51	17 55	1 2	22 33	0 54	19 1	0 13	18 55	1 42	21 14	14 32	15 46	15 27	27 24	17 47	5 38
S 22	21 57	26 35	4 37	24 39	1 46	9 1	2 11	5 46	0 49	17 53	1 2	22 33	0 54	19 2	0 13	18 54	1 42	21 13	14 31	15 50	15 28	27 24	17 47	5 38
S 23	22 6	27 21	4 7	24 51	1 50	9 26	2 11	5 31	0 47	17 51	1 1	22 33	0 54	19 3	0 13	18 54	1 42	21 13	14 31	15 54	15 29	27 24	17 47	5 38
M24	22 15	26 52	3 26	25 2	1 54	9 51	2 12	5 15	0 45	17 50	1 1	22 33	0 54	19 3	0 13	18 54	1 42	21 12	14 31	15 57	15 30	27 24	17 48	5 38
T 25	22 23	25 9	2 35	25 12	1 57	10 15	2 12	5 0	0 43	17 48	1 1	22 33	0 54	19 4	0 13	18 53	1 42	21 12	14 30	15 59	15 31	27 24	17 48	5 38
W26	22 30	22 18	1 38	25 21	2 0	10 40	2 12	4 45	0 41	17 47	1 1	22 34	0 54	19 5	0 13	18 53	1 42	21 12	14 30	16 0	15 32	27 24	17 48	5 38
T 27	22 37	18 28	0 36	25 28	2 3	11 4	2 12	4 29	0 39	17 45	1 1	22 34	0 54	19 6	0 13	18 53	1 42	21 11	14 30	16 1	15 33	27 25	17 48	5 38
F 28	22 44	13 50	0s29	25 33	2 6	11 28	2 12	4 13	0 37	17 43	1 0	22 34	0 54	19 7	0 13	18 52	1 42	21 11	14 29	16 1	15 34	27 25	17 48	5 38
S 29	22 50	8 32	1 35	25 38	2 8	11 52	2 11	3 58	0 35	17 42	1 0	22 34	0 54	19 8	0 13	18 52	1 42	21 10	14 29	16 1	15 35	27 25	17 49	5 38
S 30	22s56	2n46	2s37	25s40	2s10	12s15	2n11	3s42	0s33	17n40	1s 0	22n34	0s54	19s 9	0n13	18n52	1s42	21s10	14s29	16s 0	15s36	27n25	17s49	5n38

Julian Day Number = 2291517.5, Delta T = 154.84 sec
Ecliptic obliquity = 23°29'53, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'34, Lahiri = 17°44'34 Julian Calendar 1 Nov. 1561 == Greg. Calendar 11 Nov. 1561

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ASTRODIENST EPHEMERIS for the year 1561
geocentric

DECEMBER 1561 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 17 26	18♐48'33	0♎ 4	1♑23	9♏33	22♓33	23°R11	2°R44	26♏15	1°R31	10♓ 3	16°R14	17♒33	18♊59	26♐22	M 1
T 2	5 21 22	19°49'39	13°41	2°56	10°46	23° 9	23♉ 4	2♋40	26°18	1♊30	10° 3	16♒11	17°30	19° 5	26°28	T 2
W 3	5 25 19	20°50'47	27°47	4°29	11°58	23°44	22°58	2°35	26°22	1°28	10° 4	16° 7	17°27	19°12	26°35	W 3
T 4	5 29 15	21°51'55	12♏21	6° 2	13°11	24°20	22°51	2°30	26°25	1°27	10° 4	16° 0	17°24	19°19	26°41	T 4
F 5	5 33 12	22°53'04	27°20	7°34	14°23	24°56	22°45	2°25	26°29	1°25	10° 5	15°51	17°21	19°25	26°47	F 5
S 6	5 37 9	23°54'14	12♐34	9° 6	15°36	25°32	22°39	2°20	26°32	1°24	10° 5	15°43	17°18	19°32	26°54	S 6
S 7	5 41 5	24°55'24	27°54	10°37	16°49	26° 8	22°33	2°15	26°35	1°22	10° 6	15°35	17°14	19°39	27° 0	S 7
M 8	5 45 2	25°56'35	13♑ 8	12° 8	18° 2	26°45	22°28	2°10	26°39	1°21	10° 6	15°29	17°11	19°46	27° 7	M 8
T 9	5 48 58	26°57'46	28° 5	13°37	19°14	27°21	22°22	2° 5	26°42	1°19	10° 7	15°26	17° 8	19°52	27°13	T 9
W10	5 52 55	27°58'57	12♒39	15° 6	20°27	27°57	22°17	2° 1	26°45	1°18	10° 8	15°D24	17° 5	19°59	27°20	W10
T 11	5 56 51	29° 0'08	26°46	16°33	21°40	28°34	22°12	1°56	26°49	1°16	10° 8	15°25	17° 2	20° 6	27°26	T 11
F 12	6 0 48	0♑ 1'19	10♓24	17°58	22°53	29°10	22° 7	1°51	26°52	1°15	10° 9	15°26	16°59	20°12	27°32	F 12
S 13	6 4 45	1° 2'30	23°36	19°21	24° 7	29°47	22° 2	1°46	26°55	1°13	10°10	15°27	16°55	20°19	27°39	S 13
S 14	6 8 41	2° 3'40	6♈25	20°42	25°20	0♈24	21°57	1°41	26°58	1°12	10°10	15°R27	16°52	20°26	27°45	S 14
M15	6 12 38	3° 4'51	18°54	21°59	26°33	1° 1	21°53	1°36	27° 2	1°10	10°11	15°26	16°49	20°32	27°52	M15
T 16	6 16 34	4° 6'01	1♉ 9	23°14	27°46	1°37	21°49	1°31	27° 5	1° 9	10°12	15°22	16°46	20°39	27°58	T 16
W17	6 20 31	5° 7'11	13°13	24°24	28°59	2°14	21°44	1°26	27° 8	1° 8	10°13	15°17	16°43	20°46	28° 5	W17
T 18	6 24 27	6° 8'21	25°10	25°30	0♐13	2°51	21°41	1°21	27°11	1° 6	10°13	15°10	16°39	20°53	28°11	T 18
F 19	6 28 24	7° 9'31	7♊ 3	26°30	1°26	3°29	21°37	1°16	27°14	1° 5	10°14	15° 3	16°36	20°59	28°17	F 19
S 20	6 32 20	8°10'41	18°54	27°25	2°40	4° 6	21°33	1°11	27°17	1° 4	10°15	14°55	16°33	21° 6	28°24	S 20
S 21	6 36 17	9°11'50	0♋45	28°12	3°53	4°43	21°30	1° 6	27°20	1° 2	10°16	14°49	16°30	21°13	28°30	S 21
M22	6 40 14	10°12'59	12°38	28°51	5° 7	5°20	21°27	1° 1	27°23	1° 1	10°17	14°43	16°27	21°19	28°36	M22
T 23	6 44 10	11°14'09	24°35	29°21	6°20	5°58	21°24	0°56	27°26	1° 0	10°18	14°40	16°24	21°26	28°43	T 23
W24	6 48 7	12°15'18	6♌38	29°42	7°34	6°35	21°21	0°52	27°29	0°59	10°19	14°38	16°20	21°33	28°49	W24
T 25	6 52 3	13°16'26	18°48	29°R52	8°47	7°13	21°19	0°47	27°32	0°58	10°20	14°D37	16°17	21°39	28°55	T 25
F 26	6 56 0	14°17'35	1♍ 8	29°51	10° 1	7°50	21°16	0°42	27°35	0°57	10°21	14°38	16°14	21°46	29° 2	F 26
S 27	6 59 56	15°18'43	13°41	29°39	11°15	8°28	21°14	0°37	27°38	0°55	10°22	14°40	16°11	21°53	29° 8	S 27
S 28	7 3 53	16°19'51	26°29	29°14	12°29	9° 5	21°12	0°33	27°40	0°54	10°23	14°42	16° 8	22° 0	29°14	S 28
M29	7 7 49	17°20'59	9♎37	28°38	13°42	9°43	21°11	0°28	27°43	0°53	10°24	14°43	16° 4	22° 6	29°20	M29
T 30	7 11 46	18°22'07	23° 7	27°51	14°56	10°21	21° 9	0°23	27°46	0°52	10°25	14°R43	16° 1	22°13	29°26	T 30
W31	7 15 43	19♑23'15	7♏ 0	26♑54	16♐10	10♈58	21♉ 8	0♋19	27♏48	0♊51	10♓26	14♒42	15♒58	22♊20	29♐33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	3s17	3s33	25s41	2s12	12s39	2n10	3s26	0s31	17n39	1s 0	22n34	0s54	19s 9	0n13	18n52	1s42	21s10	14s28	16s 1	15s37	27n25	17s49	5n38
T 2	23 6	9 23	4 18	25 41	2 13	13 2	2 10	3 11	0 30	17 38	0 59	22 35	0 54	19 10	0 13	18 51	1 42	21 9	14 28	16 1	15 38	27 25	17 49	5 38
W 3	23 11	15 13	4 51	25 39	2 14	13 25	2 9	2 55	0 28	17 36	0 59	22 35	0 54	19 11	0 13	18 51	1 42	21 9	14 28	16 3	15 38	27 25	17 49	5 38
T 4	23 15	20 25	5 5	25 36	2 14	13 48	2 8	2 39	0 26	17 35	0 59	22 35	0 53	19 12	0 13	18 51	1 41	21 8	14 28	16 5	15 39	27 25	17 49	5 38
F 5	23 18	24 28	5 0	25 30	2 14	14 10	2 7	2 23	0 24	17 33	0 59	22 35	0 53	19 13	0 13	18 50	1 41	21 8	14 27	16 7	15 40	27 25	17 49	5 38
S 6	23 21	26 52	4 33	25 24	2 13	14 32	2 7	2 7	0 23	17 32	0 59	22 35	0 53	19 13	0 13	18 50	1 41	21 7	14 27	16 10	15 41	27 26	17 49	5 38
S 7	23 24	27 16	3 47	25 16	2 12	14 54	2 5	1 52	0 21	17 31	0 58	22 36	0 53	19 14	0 13	18 50	1 41	21 7	14 27	16 12	15 42	27 26	17 50	5 38
M 8	23 26	25 35	2 45	25 6	2 10	15 15	2 4	1 36	0 19	17 30	0 58	22 36	0 53	19 15	0 13	18 50	1 41	21 6	14 26	16 14	15 43	27 26	17 50	5 38
T 9	23 28	22 6	1 32	24 55	2 7	15 36	2 3	1 20	0 18	17 29	0 58	22 36	0 53	19 16	0 13	18 49	1 41	21 6	14 26	16 15	15 44	27 26	17 50	5 39
W10	23 29	17 17	0 15	24 42	2 4	15 57	2 2	1 4	0 16	17 27	0 58	22 36	0 53	19 17	0 13	18 49	1 41	21 5	14 26	16 15	15 45	27 26	17 50	5 39
T 11	23 30	11 40	1n 1	24 28	2 0	16 17	2 1	0 48	0 15	17 26	0 57	22 36	0 53	19 17	0 13	18 49	1 41	21 5	14 25	16 15	15 46	27 26	17 50	5 39
F 12	23 30	5 40	2 11	24 12	1 56	16 37	1 59	0 32	0 13	17 25	0 57	22 36	0 53	19 18	0 13	18 48	1 41	21 4	14 25	16 15	15 47	27 26	17 50	5 39
S 13	23 30	0n23	3 12	23 55	1 50	16 57	1 58	0 16	0 12	17 24	0 57	22 37	0 53	19 19	0 13	18 48	1 41	21 4	14 25	16 15	15 48	27 26	17 50	5 39
S 14	23 29	6 14	4 1	23 37	1 44	17 16	1 56	0n 0	0 10	17 23	0 57	22 37	0 53	19 20	0 13	18 48	1 41	21 3	14 25	16 14	15 49	27 26	17 50	5 39
M15	23 28	11 41	4 37	23 17	1 37	17 35	1 54	0 16	0 9	17 22	0 56	22 37	0 52	19 20	0 13	18 48	1 41	21 2	14 24	16 15	15 50	27 26	17 50	5 39
T 16	23 26	16 35	5 0	22 57	1 29	17 53	1 53	0 32	0 7	17 22	0 56	22 37	0 52	19 21	0 13	18 47	1 41	21 2	14 24	16 16	15 51	27 26	17 50	5 39
W17	23 24	20 45	5 9	22 36	1 19	18 11	1 51	0 48	0 6	17 21	0 56	22 37	0 52	19 22	0 13	18 47	1 41	21 1	14 24	16 17	15 52	27 26	17 50	5 39
T 18	23 21	24 2	5 5	22 14	1 9	18 28	1 49	1 4	0 4	17 20	0 56	22 37	0 52	19 22	0 13	18 47	1 41	21 1	14 23	16 19	15 53	27 26	17 50	5 40
F 19	23 18	26 15	4 47	21 51	0 58	18 45	1 47	1 21	0 3	17 19	0 55	22 38	0 52	19 23	0 13	18 47	1 41	21 0	14 23	16 22	15 54	27 26	17 49	5 40
S 20	23 15	27 18	4 17	21 28	0 46	19 2	1 45	1 37	0 2	17 19	0 55	22 38	0 52	19 24	0 13	18 47	1 41	21 0	14 23	16 24	15 55	27 26	17 49	5 40
S 21	23 11	27 6	3 36	21 6	0 32	19 18	1 43	1 53	0 0	17 18	0 55	22 38	0 52	19 25	0 13	18 46	1 41	20 59	14 23	16 26	15 56	27 26	17 49	5 40
M22	23 6	25 39	2 46	20 44	0 18	19 33	1 41	2 9	0n 1	17 18	0 55	22 38	0 52	19 25	0 13	18 46	1 41	20 58	14 22	16 27	15 57	27 26	17 49	5 40
T 23	23 1	23 1	1 47	20 22	0 2	19 48	1 39	2 25	0 2	17 17	0 54	22 38	0 51	19 26	0 13	18 46	1 41	20 58	14 22	16 29	15 58	27 26	17 49	5 40
W24	22 56	19 22	0 44	20 1	0n15	20 2	1 36	2 41	0 4	17 17	0 54	22 38	0 51	19 27	0 13	18 46	1 41	20 57	14 22	16 29	15 59	27 26	17 49	5 41
T 25	22 50	14 52	0s23	19 42	0 32	20 16	1 34	2 57	0 5	17 16	0 54	22 39	0 51	19 27	0 13	18 46	1 41	20 57	14 22	16 29	16 0	27 26	17 49	5 41
F 26	22 44	9 42	1 29	19 25	0 50	20 30	1 32	3 13	0 6	17 16	0 53	22 39	0 51	19 28	0 13	18 45	1 41	20 56	14 21	16 29	16 1	27 25	17 49	5 41
S 27	22 37	4 5	2 33	19 9	1 9	20 42	1 29	3 29	0 7	17 16	0 53	22 39	0 51	19 28	0 13	18 45	1 41	20 55	14 21	16 28	16 2	27 25	17 48	5 41
S 28	22 30	1s48	3 30	18 55	1 28	20 54	1 27	3 45	0 9	17 15	0 53	22 39	0 51	19 29	0 13	18 45	1 41	20 55	14 21	16 28	16 2	27 25	17 48	5 42
M29	22 22	7 46	4 17	18 44	1 47	21 6	1 25	4 1	0 10	17 15	0 53	22 39	0 51	19 30	0 13	18 45	1 41	20 54	14 21	16 28	16 3	27 25	17 48	5 42
T 30	22 14	13 31	4 52	18 36	2 5	21 17	1 22	4 16	0 11	17 15	0 52	22 39	0 51	19 30	0 13	18 45	1 40	20 54	14 20	16 27	16 4	27 25	17 48	5 42
W31	22s 6	18s47	5s12	18s29	2n23	21s28	1n20	4n32	0n12	17n15	0s52	22n39	0s50	19s31	0n13	18n44	1s40	20s53	14s20	16s28	16s 5	27n25	17s48	5n42

Julian Day Number = 2291547.5, Delta T = 154.67 sec
Ecliptic obliquity = 23°29'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'38, Lahiri = 17°44'38 Julian Calendar 1 Dec. 1561 == Greg. Calendar 11 Dec. 1561

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

JANUARY 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 19 39	20♑24'23	21♏17	25°R49	17♐24	11♈36	21°R 7	0°R14	27♏51	0°R50	10♓27	14°R40	15♒55	22♊26	29♐39	T 1
F 2	7 23 36	21°25'30	5♐56	24♑37	18°38	12°14	21♉ 6	0♋10	27°54	0♊49	10°28	14♒37	15°52	22°33	29°45	F 2
S 3	7 27 32	22°26'37	20°51	23°21	19°52	12°52	21° 5	0° 5	27°56	0°48	10°29	14°34	15°49	22°40	29°51	S 3
S 4	7 31 29	23°27'44	5♑56	22° 3	21° 6	13°30	21° 5	0° 1	27°59	0°47	10°30	14°31	15°45	22°46	29°57	S 4
M 5	7 35 25	24°28'50	21° 0	20°46	22°20	14° 8	21° 4	29♊57	28° 1	0°47	10°31	14°29	15°42	22°53	0♑ 3	M 5
T 6	7 39 22	25°29'55	5♒55	19°32	23°34	14°46	21°D 4	29°52	28° 4	0°46	10°33	14°27	15°39	23° 0	0° 9	T 6
W 7	7 43 19	26°31'00	20°33	18°22	24°48	15°24	21° 5	29°48	28° 6	0°45	10°34	14°D27	15°36	23° 7	0°15	W 7
T 8	7 47 15	27°32'03	4♓48	17°19	26° 2	16° 2	21° 5	29°44	28° 8	0°44	10°35	14°28	15°33	23°13	0°21	T 8
F 9	7 51 12	28°33'06	18°36	16°24	27°16	16°40	21° 5	29°40	28°10	0°43	10°36	14°29	15°30	23°20	0°27	F 9
S 10	7 55 8	29°34'07	1♈58	15°36	28°30	17°18	21° 6	29°36	28°13	0°43	10°37	14°31	15°26	23°27	0°33	S 10
S 11	7 59 5	0♒35'07	14°54	14°58	29°44	17°57	21° 7	29°32	28°15	0°42	10°39	14°32	15°23	23°33	0°38	S 11
M12	8 3 1	1°36'06	27°29	14°28	0♑58	18°35	21° 8	29°28	28°17	0°41	10°40	14°R32	15°20	23°40	0°44	M12
T 13	8 6 58	2°37'04	9♉46	14° 8	2°12	19°13	21°10	29°25	28°19	0°41	10°41	14°32	15°17	23°47	0°50	T 13
W14	8 10 54	3°38'01	21°50	13°56	3°26	19°51	21°11	29°21	28°21	0°40	10°43	14°32	15°14	23°53	0°56	W14
T 15	8 14 51	4°38'56	3♊45	13°D52	4°40	20°30	21°13	29°17	28°23	0°40	10°44	14°30	15°10	24° 0	1° 1	T 15
F 16	8 18 48	5°39'50	15°36	13°56	5°55	21° 8	21°15	29°14	28°25	0°39	10°45	14°29	15° 7	24° 7	1° 7	F 16
S 17	8 22 44	6°40'43	27°26	14° 7	7° 9	21°46	21°17	29°11	28°27	0°39	10°47	14°28	15° 4	24°13	1°12	S 17
S 18	8 26 41	7°41'34	9♋18	14°25	8°23	22°25	21°20	29° 7	28°29	0°38	10°48	14°27	15° 1	24°20	1°18	S 18
M19	8 30 37	8°42'25	21°17	14°49	9°37	23° 3	21°22	29° 4	28°31	0°38	10°49	14°26	14°58	24°27	1°23	M19
T 20	8 34 34	9°43'14	3♌22	15°18	10°51	23°41	21°25	29° 1	28°33	0°37	10°51	14°26	14°55	24°34	1°29	T 20
W21	8 38 30	10°44'01	15°37	15°53	12° 6	24°20	21°28	28°58	28°34	0°37	10°52	14°D26	14°51	24°40	1°34	W21
T 22	8 42 27	11°44'48	28° 3	16°32	13°20	24°58	21°31	28°55	28°36	0°37	10°54	14°26	14°48	24°47	1°40	T 22
F 23	8 46 23	12°45'33	10♍41	17°16	14°34	25°37	21°34	28°52	28°38	0°36	10°55	14°26	14°45	24°54	1°45	F 23
S 24	8 50 20	13°46'17	23°31	18° 4	15°48	26°15	21°38	28°49	28°39	0°36	10°56	14°26	14°42	25° 0	1°50	S 24
S 25	8 54 17	14°46'59	6♎35	18°55	17° 2	26°54	21°42	28°46	28°41	0°36	10°58	14°R26	14°39	25° 7	1°55	S 25
M26	8 58 13	15°47'41	19°54	19°50	18°17	27°32	21°46	28°44	28°42	0°36	10°59	14°26	14°36	25°14	2° 0	M26
T 27	9 2 10	16°48'22	3♏28	20°48	19°31	28°11	21°50	28°41	28°44	0°35	11° 1	14°26	14°32	25°20	2° 6	T 27
W28	9 6 6	17°49'01	17°17	21°48	20°45	28°49	21°54	28°39	28°45	0°35	11° 2	14°D26	14°29	25°27	2°11	W28
T 29	9 10 3	18°49'40	1♐22	22°51	22° 0	29°28	21°58	28°37	28°46	0°35	11° 4	14°26	14°26	25°34	2°16	T 29
F 30	9 13 59	19°50'17	15°41	23°57	23°14	0♑ 6	22° 3	28°34	28°48	0°35	11° 5	14°26	14°23	25°40	2°21	F 30
S 31	9 17 56	20♒50'53	0♑11	25♑ 4	24♑28	0♑45	22♑ 8	28♊32	28♏49	0°D35	11♓ 7	14♒27	14♒20	25♊47	2♑25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s57	23s 9	5s12	18s26	2n39	21s37	1n17	4n48	0n13	17n15	0s52	22n40	0s50	19s32	0n13	18n44	1s40	20s52	14s20	16s28	16s 6	27n25	17s47	5n42
F 2	21 47	26 9	4 53	18 24	2 54	21 47	1 14	5 4	0 14	17 15	0 52	22 40	0 50	19 32	0 13	18 44	1 40	20 52	14 20	16 29	16 7	27 25	17 47	5 43
S 3	21 37	27 24	4 14	18 25	3 6	21 55	1 12	5 20	0 16	17 15	0 51	22 40	0 50	19 33	0 13	18 44	1 40	20 51	14 19	16 30	16 8	27 25	17 47	5 43
S 4	21 27	26 38	3 17	18 28	3 16	22 3	1 9	5 36	0 17	17 15	0 51	22 40	0 50	19 33	0 13	18 44	1 40	20 50	14 19	16 31	16 9	27 24	17 47	5 43
M 5	21 17	23 56	2 6	18 32	3 24	22 10	1 6	5 52	0 18	17 15	0 51	22 40	0 50	19 34	0 13	18 44	1 40	20 50	14 19	16 32	16 10	27 24	17 46	5 44
T 6	21 6	19 36	0 47	18 37	3 29	22 17	1 4	6 7	0 19	17 16	0 50	22 40	0 50	19 34	0 13	18 44	1 40	20 49	14 19	16 32	16 11	27 24	17 46	5 44
W 7	20 54	14 9	0n34	18 44	3 32	22 23	1 1	6 23	0 20	17 16	0 50	22 40	0 49	19 35	0 13	18 44	1 40	20 48	14 19	16 32	16 12	27 24	17 46	5 44
T 8	20 42	8 4	1 50	18 52	3 32	22 28	0 58	6 39	0 21	17 16	0 50	22 41	0 49	19 35	0 13	18 43	1 40	20 48	14 18	16 32	16 13	27 24	17 45	5 44
F 9	20 30	1 48	2 58	19 1	3 30	22 33	0 55	6 54	0 22	17 17	0 50	22 41	0 49	19 36	0 13	18 43	1 40	20 47	14 18	16 32	16 14	27 24	17 45	5 45
S 10	20 17	4n21	3 54	19 10	3 26	22 37	0 52	7 10	0 23	17 17	0 49	22 41	0 49	19 36	0 13	18 43	1 40	20 46	14 18	16 31	16 15	27 23	17 45	5 45
S 11	20 4	10 7	4 35	19 20	3 21	22 40	0 49	7 25	0 24	17 18	0 49	22 41	0 49	19 37	0 13	18 43	1 40	20 46	14 18	16 31	16 16	27 23	17 44	5 45
M12	19 51	15 18	5 3	19 30	3 14	22 43	0 47	7 41	0 25	17 18	0 49	22 41	0 49	19 37	0 13	18 43	1 40	20 45	14 18	16 31	16 17	27 23	17 44	5 46
T 13	19 37	19 45	5 16	19 40	3 6	22 45	0 44	7 56	0 26	17 19	0 49	22 41	0 48	19 38	0 13	18 43	1 40	20 44	14 17	16 31	16 18	27 23	17 44	5 46
W14	19 23	23 19	5 14	19 50	2 57	22 46	0 41	8 12	0 27	17 19	0 48	22 41	0 48	19 38	0 13	18 43	1 40	20 44	14 17	16 31	16 19	27 22	17 43	5 46
T 15	19 9	25 51	4 59	20 0	2 47	22 47	0 38	8 27	0 28	17 20	0 48	22 42	0 48	19 39	0 13	18 43	1 40	20 43	14 17	16 31	16 19	27 22	17 43	5 47
F 16	18 54	27 13	4 31	20 10	2 37	22 47	0 35	8 42	0 29	17 21	0 48	22 42	0 48	19 39	0 13	18 43	1 40	20 42	14 17	16 32	16 20	27 22	17 42	5 47
S 17	18 39	27 20	3 52	20 19	2 26	22 46	0 32	8 58	0 29	17 22	0 48	22 42	0 48	19 40	0 13	18 43	1 40	20 42	14 17	16 32	16 21	27 22	17 42	5 47
S 18	18 23	26 13	3 3	20 28	2 15	22 45	0 29	9 13	0 30	17 23	0 47	22 42	0 48	19 40	0 13	18 43	1 39	20 41	14 17	16 32	16 22	27 21	17 42	5 48
M19	18 8	23 52	2 5	20 37	2 4	22 43	0 26	9 28	0 31	17 24	0 47	22 42	0 48	19 40	0 13	18 43	1 39	20 40	14 16	16 32	16 23	27 21	17 41	5 48
T 20	17 52	20 26	1 1	20 45	1 53	22 40	0 23	9 43	0 32	17 25	0 47	22 42	0 47	19 41	0 13	18 43	1 39	20 40	14 16	16 33	16 24	27 21	17 41	5 49
W21	17 35	16 5	0s 7	20 52	1 42	22 36	0 20	9 58	0 33	17 26	0 46	22 42	0 47	19 41	0 13	18 43	1 39	20 39	14 16	16 33	16 25	27 21	17 40	5 49
T 22	17 18	11 0	1 15	20 58	1 31	22 32	0 18	10 13	0 34	17 27	0 46	22 43	0 47	19 42	0 13	18 43	1 39	20 38	14 16	16 33	16 26	27 20	17 40	5 49
F 23	17 1	5 25	2 21	21 4	1 19	22 27	0 15	10 28	0 34	17 28	0 46	22 43	0 47	19 42	0 13	18 43	1 39	20 38	14 16	16 33	16 27	27 20	17 39	5 50
S 24	16 44	0s29	3 20	21 9	1 8	22 22	0 12	10 42	0 35	17 29	0 46	22 43	0 47	19 42	0 13	18 43	1 39	20 37	14 16	16 32	16 28	27 20	17 39	5 50
S 25	16 26	6 27	4 11	21 12	0 58	22 16	0 9	10 57	0 36	17 30	0 45	22 43	0 47	19 43	0 13	18 43	1 39	20 36	14 16	16 32	16 29	27 19	17 38	5 51
M26	16 8	12 15	4 49	21 15	0 47	22 9	0 6	11 12	0 37	17 31	0 45	22 43	0 46	19 43	0 13	18 43	1 39	20 36	14 15	16 33	16 30	27 19	17 38	5 51
T 27	15 50	17 34	5 12	21 17	0 37	22 1	0 3	11 26	0 38	17 33	0 45	22 43	0 46	19 43	0 13	18 43	1 39	20 35	14 15	16 33	16 31	27 19	17 37	5 51
W28	15 32	22 6	5 17	21 18	0 26	21 53	0 0	11 41	0 38	17 34	0 45	22 43	0 46	19 44	0 13	18 43	1 39	20 34	14 15	16 33	16 32	27 18	17 37	5 52
T 29	15 13	25 26	5 4	21 17	0 16	21 44	0s 2	11 55	0 39	17 35	0 44	22 44	0 46	19 44	0 13	18 43	1 39	20 34	14 15	16 33	16 32	27 18	17 36	5 52
F 30	14 54	27 14	4 32	21 16	0 7	21 35	0 5	12 9	0 40	17 37	0 44	22 44	0 46	19 44	0 13	18 43	1 39	20 33	14 15	16 32	16 33	27 18	17 36	5 53
S 31	14s35	27s12	3s42	21s13	0s 3	21s25	0s 8	12n24	0n40	17n38	0s44	22n44	0s45	19s44	0n13	18n43	1s39	20s32	14s15	16s32	16s34	27n17	17s35	5n53

Julian Day Number = 2291578.5, Delta T = 154.50 sec
Ecliptic obliquity = 23°29'52, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'42, Lahiri = 17°44'42 Julian Calendar 1 Jan. 1562 == Greg. Calendar 11 Jan. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

FEBRUARY 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 21 52	21♒51'28	14♑48	26♑14	25♑43	1♉23	22♉13	28°R30	28♏50	0♊35	11♓ 8	14♒27	14♒16	25♊54	2♑30	S 1
M 2	9 25 49	22°52'01	29°28	27°26	26°57	2° 2	22°18	28♊29	28°51	0°35	11°10	14°28	14°13	26° 1	2°35	M 2
T 3	9 29 46	23°52'33	14♒ 3	28°39	28°11	2°40	22°23	28°27	28°52	0°35	11°11	14°R28	14°10	26° 7	2°40	T 3
W 4	9 33 42	24°53'04	28°27	29°54	29°26	3°19	22°29	28°25	28°53	0°35	11°13	14°28	14° 7	26°14	2°44	W 4
T 5	9 37 39	25°53'32	12♓35	1♒11	0♒40	3°58	22°35	28°24	28°54	0°36	11°14	14°27	14° 4	26°21	2°49	T 5
F 6	9 41 35	26°53'59	26°22	2°29	1°54	4°36	22°41	28°22	28°55	0°36	11°16	14°26	14° 1	26°27	2°54	F 6
S 7	9 45 32	27°54'24	9♈47	3°49	3° 8	5°15	22°47	28°21	28°56	0°36	11°17	14°24	13°57	26°34	2°58	S 7
S 8	9 49 28	28°54'48	22°48	5°10	4°23	5°54	22°53	28°20	28°57	0°36	11°19	14°22	13°54	26°41	3° 2	S 8
M 9	9 53 25	29°55'09	5♉28	6°33	5°37	6°32	22°59	28°19	28°58	0°37	11°21	14°20	13°51	26°47	3° 7	M 9
T 10	9 57 21	0♓55'28	17°49	7°57	6°51	7°11	23° 6	28°18	28°58	0°37	11°22	14°19	13°48	26°54	3°11	T 10
W11	10 1 18	1°55'46	29°56	9°22	8° 6	7°49	23°12	28°17	28°59	0°37	11°24	14°D18	13°45	27° 1	3°15	W11
T 12	10 5 15	2°56'01	11♊52	10°48	9°20	8°28	23°19	28°16	29° 0	0°38	11°25	14°18	13°42	27° 7	3°19	T 12
F 13	10 9 11	3°56'14	23°43	12°15	10°34	9° 7	23°26	28°15	29° 0	0°38	11°27	14°19	13°38	27°14	3°23	F 13
S 14	10 13 8	4°56'26	5♋33	13°44	11°49	9°45	23°33	28°15	29° 1	0°39	11°28	14°21	13°35	27°21	3°27	S 14
S 15	10 17 4	5°56'35	17°28	15°14	13° 3	10°24	23°41	28°14	29° 1	0°39	11°30	14°23	13°32	27°27	3°31	S 15
M16	10 21 1	6°56'42	29°30	16°45	14°17	11° 3	23°48	28°14	29° 1	0°40	11°32	14°24	13°29	27°34	3°35	M16
T 17	10 24 57	7°56'47	11♌44	18°17	15°32	11°41	23°56	28°14	29° 2	0°40	11°33	14°R25	13°26	27°41	3°39	T 17
W18	10 28 54	8°56'50	24°11	19°50	16°46	12°20	24° 3	28°D14	29° 2	0°41	11°35	14°25	13°22	27°48	3°43	W18
T 19	10 32 50	9°56'51	6♍54	21°24	18° 0	12°58	24°11	28°14	29° 2	0°41	11°36	14°23	13°19	27°54	3°46	T 19
F 20	10 36 47	10°56'50	19°54	23° 0	19°14	13°37	24°19	28°14	29° 2	0°42	11°38	14°20	13°16	28° 1	3°50	F 20
S 21	10 40 43	11°56'48	3♎ 8	24°36	20°29	14°16	24°27	28°14	29° 2	0°43	11°39	14°16	13°13	28° 8	3°53	S 21
S 22	10 44 40	12°56'43	16°37	26°14	21°43	14°54	24°36	28°14	29°R 2	0°43	11°41	14°11	13°10	28°14	3°57	S 22
M23	10 48 37	13°56'37	0♏18	27°53	22°57	15°33	24°44	28°15	29° 2	0°44	11°43	14° 7	13° 7	28°21	4° 0	M23
T 24	10 52 33	14°56'29	14°10	29°33	24°12	16°12	24°53	28°15	29° 2	0°45	11°44	14° 3	13° 3	28°28	4° 4	T 24
W25	10 56 30	15°56'19	28° 9	1♓14	25°26	16°50	25° 1	28°16	29° 2	0°46	11°46	14° 0	13° 0	28°34	4° 7	W25
T 26	11 0 26	16°56'08	12♐14	2°56	26°40	17°29	25°10	28°17	29° 2	0°47	11°47	13°D59	12°57	28°41	4°10	T 26
F 27	11 4 23	17°55'55	26°23	4°40	27°55	18° 7	25°19	28°18	29° 2	0°48	11°49	13°59	12°54	28°48	4°13	F 27
S 28	11 8 19	18♓55'40	10♑35	6♓24	29♒ 9	18♉46	25♉28	28♊19	29♏ 2	0♊49	11♓51	14♒ 0	12♒51	28♊54	4♑16	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s15	25s17	2s37	21s 9	0s12	21s14	0s11	12n38	0n41	17n40	0s44	22n44	0s45	19s45	0n13	18n43	1s39	20s32	14s15	16s32	16s35	27n17	17s35	5n54
M 2	13 56	21 39	1 22	21 4	0 21	21 2	0 14	12 52	0 42	17 41	0 43	22 44	0 45	19 45	0 13	18 43	1 39	20 31	14 15	16 32	16 36	27 17	17 34	5 54
T 3	13 36	16 42	0 2	20 58	0 29	20 50	0 16	13 6	0 43	17 43	0 43	22 44	0 45	19 45	0 13	18 43	1 38	20 30	14 15	16 32	16 37	27 16	17 34	5 55
W 4	13 16	10 51	1n17	20 50	0 38	20 38	0 19	13 20	0 43	17 45	0 43	22 45	0 45	19 45	0 13	18 43	1 38	20 30	14 15	16 32	16 38	27 16	17 33	5 55
T 5	12 55	4 33	2 30	20 41	0 46	20 24	0 22	13 33	0 44	17 46	0 43	22 45	0 45	19 46	0 13	18 43	1 38	20 29	14 15	16 32	16 39	27 15	17 33	5 56
F 6	12 35	1n47	3 32	20 31	0 53	20 11	0 24	13 47	0 45	17 48	0 42	22 45	0 44	19 46	0 13	18 43	1 38	20 28	14 14	16 33	16 40	27 15	17 32	5 56
S 7	12 14	7 52	4 20	20 19	1 1	19 56	0 27	14 1	0 45	17 50	0 42	22 45	0 44	19 46	0 13	18 44	1 38	20 28	14 14	16 33	16 41	27 15	17 31	5 57
S 8	11 53	13 26	4 54	20 7	1 8	19 41	0 29	14 14	0 46	17 52	0 42	22 45	0 44	19 46	0 13	18 44	1 38	20 27	14 14	16 34	16 42	27 14	17 31	5 57
M 9	11 32	18 17	5 12	19 53	1 14	19 26	0 32	14 28	0 46	17 53	0 42	22 45	0 44	19 46	0 13	18 44	1 38	20 26	14 14	16 34	16 43	27 14	17 30	5 58
T 10	11 10	22 14	5 15	19 37	1 21	19 9	0 34	14 41	0 47	17 55	0 42	22 46	0 44	19 46	0 13	18 44	1 38	20 26	14 14	16 35	16 44	27 13	17 30	5 58
W11	10 49	25 8	5 4	19 21	1 27	18 53	0 37	14 54	0 48	17 57	0 41	22 46	0 44	19 47	0 13	18 44	1 38	20 25	14 14	16 35	16 44	27 13	17 29	5 59
T 12	10 27	26 54	4 40	19 3	1 32	18 35	0 39	15 7	0 48	17 59	0 41	22 46	0 43	19 47	0 13	18 44	1 38	20 24	14 14	16 35	16 45	27 12	17 28	5 59
F 13	10 5	27 25	4 4	18 43	1 38	18 18	0 41	15 20	0 49	18 1	0 41	22 46	0 43	19 47	0 13	18 44	1 38	20 24	14 14	16 34	16 46	27 12	17 28	6 0
S 14	9 43	26 41	3 18	18 23	1 43	17 59	0 44	15 33	0 49	18 3	0 41	22 46	0 43	19 47	0 13	18 44	1 38	20 23	14 14	16 34	16 47	27 11	17 27	6 0
S 15	9 21	24 43	2 23	18 1	1 47	17 40	0 46	15 46	0 50	18 5	0 40	22 46	0 43	19 47	0 13	18 45	1 38	20 22	14 14	16 33	16 48	27 11	17 26	6 1
M16	8 59	21 38	1 21	17 38	1 51	17 21	0 48	15 59	0 50	18 7	0 40	22 47	0 43	19 47	0 13	18 45	1 38	20 22	14 14	16 33	16 49	27 11	17 26	6 1
T 17	8 37	17 33	0 15	17 13	1 55	17 1	0 50	16 11	0 51	18 9	0 40	22 47	0 42	19 47	0 13	18 45	1 38	20 21	14 14	16 33	16 50	27 10	17 25	6 2
W18	8 14	12 39	0s54	16 47	1 59	16 41	0 52	16 24	0 52	18 11	0 40	22 47	0 42	19 47	0 13	18 45	1 38	20 21	14 14	16 33	16 51	27 10	17 25	6 2
T 19	7 51	7 8	2 1	16 20	2 2	16 20	0 54	16 36	0 52	18 14	0 40	22 47	0 42	19 47	0 13	18 45	1 37	20 20	14 14	16 33	16 52	27 9	17 24	6 3
F 20	7 29	1 13	3 3	15 51	2 5	15 59	0 56	16 48	0 53	18 16	0 39	22 47	0 42	19 47	0 13	18 46	1 37	20 19	14 14	16 34	16 53	27 9	17 23	6 3
S 21	7 6	4s51	3 56	15 21	2 7	15 37	0 58	17 0	0 53	18 18	0 39	22 47	0 42	19 47	0 13	18 46	1 37	20 19	14 14	16 35	16 54	27 8	17 23	6 4
S 22	6 43	10 49	4 37	14 49	2 9	15 15	1 0	17 12	0 54	18 20	0 39	22 48	0 42	19 47	0 13	18 46	1 37	20 18	14 14	16 37	16 54	27 7	17 22	6 5
M23	6 20	16 20	5 4	14 17	2 10	14 53	1 2	17 24	0 54	18 22	0 39	22 48	0 41	19 47	0 13	18 46	1 37	20 18	14 14	16 38	16 55	27 7	17 21	6 5
T 24	5 57	21 6	5 12	13 43	2 11	14 30	1 4	17 36	0 55	18 25	0 38	22 48	0 41	19 47	0 13	18 46	1 37	20 17	14 14	16 39	16 56	27 6	17 21	6 6
W25	5 34	24 43	5 3	13 7	2 12	14 6	1 6	17 47	0 55	18 27	0 38	22 48	0 41	19 47	0 13	18 47	1 37	20 16	14 14	16 40	16 57	27 6	17 20	6 6
T 26	5 10	26 52	4 35	12 30	2 12	13 43	1 7	17 59	0 55	18 29	0 38	22 48	0 41	19 47	0 13	18 47	1 37	20 16	14 14	16 40	16 58	27 5	17 19	6 7
F 27	4 47	27 18	3 51	11 52	2 12	13 18	1 9	18 10	0 56	18 32	0 38	22 48	0 41	19 47	0 13	18 47	1 37	20 15	14 14	16 40	16 59	27 5	17 18	6 8
S 28	4s23	25s56	2s52	11s13	2s11	12s54	1s11	18n21	0n56	18n34	0s38	22n49	0s41	19s47	0n13	18n47	1s37	20s15	14s15	16s40	17s 0	27n 4	17s18	6n 8

Julian Day Number = 2291609.5, Delta T = 154.33 sec
Ecliptic obliquity = 23°29'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'46, Lahiri = 17°44'47 Julian Calendar 1 Feb. 1562 == Greg. Calendar 11 Feb. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

MARCH 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 12 16	19♓55'24	24♉48	8♓10	0♓23	19♉25	25♉37	28♊20	29°R 1	0♊49	11♓52	14♒ 2	12♒48	29♊ 1	4♉19	S 1
M 2	11 16 12	20°55'06	8♒59	9°58	1°37	20° 3	25°47	28°21	29♏ 1	0°50	11°54	14°R 3	12°44	29° 8	4°22	M 2
T 3	11 20 9	21°54'45	23° 5	11°46	2°52	20°42	25°56	28°23	29° 0	0°52	11°55	14° 3	12°41	29°14	4°24	T 3
W 4	11 24 6	22°54'24	7♓ 4	13°36	4° 6	21°20	26° 6	28°24	29° 0	0°53	11°57	14° 1	12°38	29°21	4°27	W 4
T 5	11 28 2	23°54'00	20°52	15°26	5°20	21°59	26°15	28°26	28°59	0°54	11°58	13°57	12°35	29°28	4°30	T 5
F 6	11 31 59	24°53'34	4♈25	17°19	6°34	22°37	26°25	28°27	28°59	0°55	12° 0	13°51	12°32	29°34	4°32	F 6
S 7	11 35 55	25°53'05	17°41	19°12	7°49	23°16	26°35	28°29	28°58	0°56	12° 1	13°44	12°28	29°41	4°34	S 7
S 8	11 39 52	26°52'35	0♉38	21° 7	9° 3	23°55	26°45	28°31	28°58	0°57	12° 3	13°36	12°25	29°48	4°37	S 8
M 9	11 43 48	27°52'03	13°17	23° 2	10°17	24°33	26°55	28°33	28°57	0°58	12° 5	13°29	12°22	29°54	4°39	M 9
T 10	11 47 45	28°51'28	25°39	24°59	11°31	25°12	27° 5	28°35	28°56	0°59	12° 6	13°22	12°19	0♋ 1	4°41	T 10
W11	11 51 41	29°50'51	7♊46	26°58	12°46	25°50	27°16	28°37	28°55	1° 1	12° 8	13°18	12°16	0° 8	4°43	W11
T 12	11 55 38	0♈50'12	19°43	28°57	14° 0	26°29	27°26	28°40	28°54	1° 2	12° 9	13°15	12°13	0°15	4°45	T 12
F 13	11 59 35	1°49'31	1♋34	0♈57	15°14	27° 7	27°37	28°42	28°53	1° 3	12°11	13°D14	12° 9	0°21	4°47	F 13
S 14	12 3 31	2°48'47	13°24	2°59	16°28	27°46	27°47	28°45	28°52	1° 5	12°12	13°15	12° 6	0°28	4°49	S 14
S 15	12 7 28	3°48'01	25°19	5° 1	17°42	28°24	27°58	28°47	28°51	1° 6	12°14	13°16	12° 3	0°35	4°51	S 15
M16	12 11 24	4°47'12	7♌23	7° 4	18°57	29° 3	28° 9	28°50	28°50	1° 7	12°15	13°R17	12° 0	0°41	4°52	M16
T 17	12 15 21	5°46'22	19°41	9° 7	20°11	29°41	28°20	28°53	28°49	1° 9	12°17	13°17	11°57	0°48	4°54	T 17
W18	12 19 17	6°45'29	2♍17	11°11	21°25	0♊20	28°31	28°56	28°48	1°10	12°18	13°15	11°53	0°55	4°55	W18
T 19	12 23 14	7°44'33	15°14	13°15	22°39	0°58	28°42	28°59	28°47	1°12	12°20	13°11	11°50	1° 1	4°57	T 19
F 20	12 27 10	8°43'36	28°32	15°19	23°53	1°37	28°53	29° 2	28°45	1°13	12°21	13° 5	11°47	1° 8	4°58	F 20
S 21	12 31 7	9°42'36	12♎10	17°23	25° 7	2°15	29° 4	29° 5	28°44	1°15	12°22	12°56	11°44	1°15	4°59	S 21
S 22	12 35 4	10°41'34	26° 6	19°26	26°21	2°53	29°16	29° 9	28°43	1°16	12°24	12°47	11°41	1°21	5° 0	S 22
M23	12 39 0	11°40'31	10♏16	21°28	27°36	3°32	29°27	29°12	28°41	1°18	12°25	12°37	11°38	1°28	5° 1	M23
T 24	12 42 57	12°39'25	24°33	23°29	28°50	4°10	29°39	29°16	28°40	1°20	12°27	12°29	11°34	1°35	5° 2	T 24
W25	12 46 53	13°38'18	8♐53	25°28	0♈ 4	4°49	29°50	29°19	28°38	1°21	12°28	12°22	11°31	1°41	5° 3	W25
T 26	12 50 50	14°37'09	23°12	27°25	1°18	5°27	0♊ 2	29°23	28°37	1°23	12°30	12°18	11°28	1°48	5° 4	T 26
F 27	12 54 46	15°35'59	7♑25	29°20	2°32	6° 5	0°14	29°27	28°35	1°24	12°31	12°16	11°25	1°55	5° 5	F 27
S 28	12 58 43	16°34'46	21°32	1♉12	3°46	6°44	0°26	29°31	28°34	1°26	12°32	12°D16	11°22	2° 1	5° 5	S 28
S 29	13 2 39	17°33'32	5♒31	3° 1	5° 0	7°22	0°37	29°35	28°32	1°28	12°34	12°R17	11°19	2° 8	5° 6	S 29
M30	13 6 36	18°32'16	19°21	4°46	6°14	8° 1	0°49	29°39	28°30	1°30	12°35	12°16	11°15	2°15	5° 6	M30
T 31	13 10 33	19♈30'59	3♓ 3	6♉28	7♈28	8♊39	1♊ 1	29♊43	28♏29	1♊31	12♓36	12♒15	11♒12	2♋21	5♑ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 0	22s55	1s43	10s32	2s10	12s29	1s12	18n32	0n57	18n36	0s37	22n49	0s40	19s47	0n13	18n48	1s37	20s14	14s15	16s39	17s 1	27n 4	17s17	6n 9
M 2	3 37	18 30	0 28	9 50	2 8	12 4	1 13	18 43	0 57	18 39	0 37	22 49	0 40	19 47	0 13	18 48	1 37	20 14	14 15	16 39	17 2	27 3	17 16	6 9
T 3	3 13	13 5	0n49	9 7	2 6	11 39	1 15	18 54	0 58	18 41	0 37	22 49	0 40	19 47	0 13	18 48	1 37	20 13	14 15	16 39	17 3	27 2	17 16	6 10
W 4	2 49	7 3	2 2	8 22	2 4	11 13	1 16	19 4	0 58	18 44	0 37	22 49	0 40	19 47	0 13	18 48	1 37	20 13	14 15	16 40	17 3	27 2	17 15	6 11
T 5	2 26	0 46	3 6	7 36	2 1	10 47	1 17	19 15	0 58	18 46	0 37	22 50	0 40	19 47	0 13	18 49	1 37	20 12	14 15	16 41	17 4	27 1	17 14	6 11
F 6	2 2	5n25	3 59	6 49	1 57	10 20	1 19	19 25	0 59	18 49	0 36	22 50	0 40	19 47	0 13	18 49	1 37	20 12	14 15	16 43	17 5	27 1	17 14	6 12
S 7	1 38	11 14	4 38	6 1	1 53	9 54	1 20	19 35	0 59	18 51	0 36	22 50	0 39	19 46	0 13	18 49	1 37	20 11	14 15	16 45	17 6	27 0	17 13	6 12
S 8	1 15	16 25	5 1	5 11	1 48	9 27	1 21	19 46	1 0	18 54	0 36	22 50	0 39	19 46	0 13	18 50	1 37	20 11	14 15	16 47	17 7	26 59	17 12	6 13
M 9	0 51	20 46	5 9	4 21	1 43	8 59	1 22	19 55	1 0	18 56	0 36	22 50	0 39	19 46	0 13	18 50	1 36	20 10	14 15	16 49	17 8	26 59	17 12	6 14
T 10	0 27	24 6	5 2	3 29	1 37	8 32	1 23	20 5	1 0	18 59	0 36	22 51	0 39	19 46	0 13	18 50	1 36	20 10	14 15	16 51	17 9	26 58	17 11	6 14
W11	0 4	26 17	4 41	2 36	1 31	8 4	1 24	20 15	1 1	19 1	0 36	22 51	0 39	19 46	0 13	18 50	1 36	20 9	14 16	16 52	17 10	26 57	17 10	6 15
T 12	0n20	27 14	4 9	1 42	1 24	7 37	1 24	20 24	1 1	19 4	0 35	22 51	0 39	19 45	0 13	18 51	1 36	20 9	14 16	16 53	17 11	26 57	17 9	6 16
F 13	0 44	26 55	3 26	0 47	1 17	7 8	1 25	20 34	1 1	19 6	0 35	22 51	0 38	19 45	0 13	18 51	1 36	20 8	14 16	16 53	17 12	26 56	17 9	6 16
S 14	1 7	25 23	2 34	0n 8	1 9	6 40	1 26	20 43	1 2	19 9	0 35	22 51	0 38	19 45	0 13	18 51	1 36	20 8	14 16	16 53	17 12	26 55	17 8	6 17
S 15	1 31	22 41	1 35	1 4	1 0	6 12	1 27	20 52	1 2	19 11	0 35	22 52	0 38	19 45	0 13	18 52	1 36	20 7	14 16	16 53	17 13	26 55	17 7	6 17
M16	1 54	18 59	0 32	2 1	0 52	5 43	1 27	21 1	1 2	19 14	0 35	22 52	0 38	19 45	0 13	18 52	1 36	20 7	14 16	16 52	17 14	26 54	17 7	6 18
T 17	2 18	14 24	0s34	2 59	0 42	5 14	1 28	21 9	1 3	19 17	0 34	22 52	0 38	19 44	0 13	18 52	1 36	20 6	14 16	16 52	17 15	26 53	17 6	6 19
W18	2 41	9 7	1 40	3 56	0 32	4 46	1 28	21 18	1 3	19 19	0 34	22 52	0 38	19 44	0 13	18 53	1 36	20 6	14 17	16 53	17 16	26 52	17 5	6 19
T 19	3 5	3 20	2 43	4 54	0 22	4 16	1 28	21 26	1 3	19 22	0 34	22 52	0 37	19 44	0 13	18 53	1 36	20 5	14 17	16 54	17 17	26 52	17 5	6 20
F 20	3 28	2s45	3 38	5 52	0 12	3 47	1 29	21 34	1 4	19 24	0 34	22 52	0 37	19 44	0 13	18 53	1 36	20 5	14 17	16 56	17 18	26 51	17 4	6 21
S 21	3 51	8 50	4 22	6 50	0 1	3 18	1 29	21 42	1 4	19 27	0 34	22 53	0 37	19 43	0 13	18 54	1 36	20 5	14 17	16 58	17 19	26 50	17 3	6 21
S 22	4 15	14 38	4 52	7 47	0n10	2 49	1 29	21 50	1 4	19 30	0 34	22 53	0 37	19 43	0 13	18 54	1 36	20 4	14 17	17 1	17 20	26 50	17 3	6 22
M23	4 38	19 44	5 4	8 43	0 21	2 19	1 29	21 58	1 5	19 32	0 33	22 53	0 37	19 43	0 13	18 55	1 36	20 4	14 17	17 4	17 20	26 49	17 2	6 23
T 24	5 1	23 46	4 58	9 39	0 33	1 50	1 29	22 6	1 5	19 35	0 33	22 53	0 37	19 42	0 13	18 55	1 36	20 3	14 18	17 6	17 21	26 48	17 1	6 23
W25	5 24	26 19	4 33	10 33	0 44	1 20	1 29	22 13	1 5	19 38	0 33	22 53	0 36	19 42	0 13	18 55	1 36	20 3	14 18	17 8	17 22	26 47	17 0	6 24
T 26	5 47	27 10	3 51	11 26	0 55	0 50	1 29	22 20	1 5	19 40	0 33	22 54	0 36	19 42	0 13	18 56	1 36	20 3	14 18	17 9	17 23	26 47	17 0	6 25
F 27	6 9	26 12	2 55	12 18	1 7	0 21	1 29	22 27	1 6	19 43	0 33	22 54	0 36	19 41	0 13	18 56	1 36	20 2	14 18	17 10	17 24	26 46	16 59	6 25
S 28	6 32	23 33	1 48	13 8	1 18	0n 9	1 28	22 34	1 6	19 45	0 33	22 54	0 36	19 41	0 13	18 56	1 36	20 2	14 18	17 10	17 25	26 45	16 58	6 26
S 29	6 55	19 31	0 36	13 56	1 28	0 39	1 28	22 41	1 6	19 48	0 32	22 54	0 36	19 41	0 13	18 57	1 35	20 2	14 19	17 10	17 26	26 44	16 58	6 26
M30	7 17	14 27	0n38	14 42	1 39	1 8	1 28	22 47	1 6	19 51	0 32	22 54	0 36	19 40	0 13	18 57	1 35	20 1	14 19	17 10	17 27	26 43	16 57	6 27
T 31	7n39	8s44	1n48	15n25	1n49	1n38	1s27	22n54	1n 7	19n53	0s32	22n54	0s35	19s40	0n13	18n58	1s35	20s 1	14s19	17s10	17s27	26n43	16s56	6n28

Julian Day Number = 2291637.5, Delta T = 154.17 sec
Ecliptic obliquity = 23°29'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'50, Lahiri = 17°44'50 Julian Calendar 1 March 1562 == Greg. Calendar 11 March 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

APRIL 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 14 29	20♈29'39	16♓36	8♉ 6	8♈42	9♊17	1♊14	29♊47	28°R27	1♊33	12♓38	12°R11	11♒ 9	2♋28	5♑ 7	W 1
T 2	13 18 26	21°28'18	29°59	9°40	9°56	9°56	1°26	29°52	28♏25	1°35	12°39	12♒ 4	11° 6	2°35	5° 7	T 2
F 3	13 22 22	22°26'55	13♈10	11°10	11°10	10°34	1°38	29°56	28°23	1°37	12°40	11°54	11° 3	2°41	5°R 7	F 3
S 4	13 26 19	23°25'30	26° 8	12°35	12°24	11°12	1°50	0♋ 1	28°22	1°39	12°41	11°42	10°59	2°48	5° 7	S 4
S 5	13 30 15	24°24'03	8♉53	13°56	13°38	11°50	2° 3	0° 5	28°20	1°40	12°43	11°30	10°56	2°55	5° 7	S 5
M 6	13 34 12	25°22'35	21°23	15°11	14°52	12°29	2°15	0°10	28°18	1°42	12°44	11°17	10°53	3° 1	5° 7	M 6
T 7	13 38 8	26°21'04	3♊39	16°22	16° 6	13° 7	2°28	0°15	28°16	1°44	12°45	11° 6	10°50	3° 8	5° 7	T 7
W 8	13 42 5	27°19'31	15°43	17°27	17°20	13°45	2°40	0°19	28°14	1°46	12°46	10°57	10°47	3°15	5° 6	W 8
T 9	13 46 2	28°17'56	27°38	18°28	18°34	14°24	2°53	0°24	28°12	1°48	12°48	10°51	10°44	3°21	5° 6	T 9
F 10	13 49 58	29°16'19	9♋28	19°23	19°48	15° 2	3° 6	0°29	28°10	1°50	12°49	10°47	10°40	3°28	5° 5	F 10
S 11	13 53 55	0♉14'40	21°17	20°13	21° 2	15°40	3°18	0°35	28° 8	1°52	12°50	10°46	10°37	3°35	5° 5	S 11
S 12	13 57 51	1°12'59	3♌10	20°57	22°16	16°18	3°31	0°40	28° 5	1°54	12°51	10°D46	10°34	3°42	5° 4	S 12
M13	14 1 48	2°11'16	15°14	21°37	23°30	16°57	3°44	0°45	28° 3	1°56	12°52	10°R46	10°31	3°48	5° 3	M13
T 14	14 5 44	3° 9'31	27°32	22°10	24°44	17°35	3°57	0°50	28° 1	1°58	12°53	10°45	10°28	3°55	5° 2	T 14
W15	14 9 41	4° 7'43	10♍11	22°38	25°58	18°13	4°10	0°56	27°59	2° 0	12°54	10°42	10°25	4° 2	5° 1	W15
T 16	14 13 37	5° 5'54	23°14	23° 1	27°12	18°51	4°23	1° 1	27°57	2° 2	12°55	10°37	10°21	4° 8	5° 0	T 16
F 17	14 17 34	6° 4'02	6♎42	23°18	28°26	19°29	4°36	1° 7	27°55	2° 4	12°56	10°29	10°18	4°15	4°59	F 17
S 18	14 21 30	7° 2'09	20°37	23°30	29°40	20° 7	4°49	1°12	27°52	2° 6	12°58	10°19	10°15	4°22	4°58	S 18
S 19	14 25 27	8° 0'14	4♏54	23°36	0♉54	20°46	5° 2	1°18	27°50	2° 8	12°59	10° 8	10°12	4°28	4°57	S 19
M20	14 29 24	8°58'17	19°28	23°R37	2° 7	21°24	5°15	1°24	27°48	2°10	13° 0	9°56	10° 9	4°35	4°55	M20
T 21	14 33 20	9°56'19	4♐11	23°34	3°21	22° 2	5°28	1°29	27°45	2°12	13° 1	9°46	10° 5	4°42	4°54	T 21
W22	14 37 17	10°54'19	18°57	23°25	4°35	22°40	5°42	1°35	27°43	2°14	13° 1	9°38	10° 2	4°48	4°52	W22
T 23	14 41 13	11°52'18	3♑36	23°11	5°49	23°18	5°55	1°41	27°41	2°17	13° 2	9°32	9°59	4°55	4°51	T 23
F 24	14 45 10	12°50'16	18° 5	22°53	7° 3	23°56	6° 8	1°47	27°38	2°19	13° 3	9°29	9°56	5° 2	4°49	F 24
S 25	14 49 6	13°48'12	2♒19	22°32	8°17	24°34	6°22	1°53	27°36	2°21	13° 4	9°28	9°53	5° 8	4°47	S 25
S 26	14 53 3	14°46'07	16°17	22° 6	9°31	25°12	6°35	1°59	27°33	2°23	13° 5	9°28	9°50	5°15	4°45	S 26
M27	14 57 0	15°44'01	29°59	21°38	10°44	25°50	6°48	2° 6	27°31	2°25	13° 6	9°28	9°46	5°22	4°44	M27
T 28	15 0 56	16°41'53	13♓27	21° 7	11°58	26°28	7° 2	2°12	27°29	2°27	13° 7	9°26	9°43	5°28	4°42	T 28
W29	15 4 53	17°39'44	26°41	20°34	13°12	27° 6	7°15	2°18	27°26	2°30	13° 8	9°21	9°40	5°35	4°40	W29
T 30	15 8 49	18♉37'34	9♈43	20♉ 0	14♉26	27♊45	7♊29	2♋24	27♏24	2♊32	13♓ 8	9♒14	9♒37	5♋42	4♑37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 1	2s40	2n52	16n 6	1n58	2n 8	1s27	23n 0	1n 7	19n56	0s32	22n55	0s35	19s40	0n13	18n58	1s35	20s 1	14s19	17s11	17s28	26n42	16s56	6n28
T 2	8 24	3n26	3 45	16 45	2 7	2 37	1 26	23 6	1 7	19 59	0 32	22 55	0 35	19 39	0 13	18 58	1 35	20 0	14 20	17 13	17 29	26 41	16 55	6 29
F 3	8 45	9 16	4 25	17 21	2 15	3 7	1 26	23 12	1 7	20 1	0 32	22 55	0 35	19 39	0 13	18 59	1 35	20 0	14 20	17 16	17 30	26 40	16 54	6 30
S 4	9 7	14 37	4 50	17 54	2 22	3 37	1 25	23 17	1 8	20 4	0 32	22 55	0 35	19 38	0 13	18 59	1 35	20 0	14 20	17 19	17 31	26 39	16 54	6 30
S 5	9 29	19 14	5 1	18 25	2 29	4 6	1 24	23 23	1 8	20 6	0 31	22 55	0 35	19 38	0 13	19 0	1 35	20 0	14 20	17 23	17 32	26 38	16 53	6 31
M 6	9 50	22 55	4 57	18 53	2 34	4 36	1 23	23 28	1 8	20 9	0 31	22 55	0 35	19 37	0 13	19 0	1 35	19 59	14 20	17 26	17 33	26 38	16 53	6 32
T 7	10 12	25 29	4 39	19 19	2 39	5 5	1 22	23 33	1 8	20 12	0 31	22 55	0 34	19 37	0 13	19 0	1 35	19 59	14 21	17 29	17 34	26 37	16 52	6 32
W 8	10 33	26 51	4 8	19 41	2 43	5 34	1 21	23 38	1 8	20 14	0 31	22 56	0 34	19 37	0 13	19 1	1 35	19 59	14 21	17 31	17 34	26 36	16 51	6 33
T 9	10 54	26 56	3 27	20 1	2 46	6 3	1 21	23 43	1 9	20 17	0 31	22 56	0 34	19 36	0 13	19 1	1 35	19 59	14 21	17 33	17 35	26 35	16 51	6 34
F 10	11 15	25 47	2 38	20 19	2 48	6 32	1 19	23 48	1 9	20 19	0 31	22 56	0 34	19 36	0 13	19 2	1 35	19 58	14 22	17 34	17 36	26 34	16 50	6 34
S 11	11 35	23 29	1 41	20 33	2 49	7 1	1 18	23 52	1 9	20 22	0 31	22 56	0 34	19 35	0 13	19 2	1 35	19 58	14 22	17 35	17 37	26 33	16 49	6 35
S 12	11 56	20 9	0 40	20 45	2 49	7 30	1 17	23 56	1 9	20 25	0 30	22 56	0 34	19 35	0 13	19 2	1 35	19 58	14 22	17 35	17 38	26 32	16 49	6 35
M13	12 16	15 56	0s24	20 54	2 47	7 58	1 16	24 0	1 9	20 27	0 30	22 56	0 34	19 34	0 13	19 3	1 35	19 58	14 22	17 35	17 39	26 31	16 48	6 36
T 14	12 36	10 59	1 28	21 1	2 45	8 27	1 15	24 4	1 10	20 30	0 30	22 56	0 33	19 34	0 13	19 3	1 35	19 58	14 23	17 35	17 40	26 30	16 48	6 37
W15	12 56	5 28	2 29	21 4	2 41	8 55	1 13	24 8	1 10	20 32	0 30	22 56	0 33	19 33	0 13	19 4	1 35	19 57	14 23	17 36	17 40	26 30	16 47	6 37
T 16	13 15	0s26	3 24	21 5	2 36	9 23	1 12	24 11	1 10	20 35	0 30	22 56	0 33	19 33	0 13	19 4	1 35	19 57	14 23	17 37	17 41	26 29	16 47	6 38
F 17	13 35	6 30	4 10	21 4	2 30	9 51	1 11	24 15	1 10	20 37	0 30	22 57	0 33	19 32	0 13	19 5	1 35	19 57	14 23	17 39	17 42	26 28	16 46	6 38
S 18	13 54	12 26	4 43	21 0	2 23	10 18	1 9	24 18	1 10	20 40	0 30	22 57	0 33	19 32	0 13	19 5	1 35	19 57	14 24	17 42	17 43	26 27	16 45	6 39
S 19	14 13	17 52	4 59	20 53	2 15	10 45	1 8	24 21	1 10	20 42	0 30	22 57	0 33	19 31	0 13	19 6	1 35	19 57	14 24	17 45	17 44	26 26	16 45	6 40
M20	14 31	22 23	4 56	20 44	2 5	11 12	1 6	24 23	1 10	20 45	0 29	22 57	0 33	19 31	0 13	19 6	1 35	19 57	14 24	17 48	17 45	26 25	16 44	6 40
T 21	14 50	25 31	4 34	20 33	1 54	11 39	1 4	24 26	1 11	20 47	0 29	22 57	0 32	19 30	0 13	19 6	1 35	19 57	14 25	17 51	17 46	26 24	16 44	6 41
W22	15 8	26 55	3 53	20 19	1 42	12 6	1 3	24 28	1 11	20 50	0 29	22 57	0 32	19 30	0 13	19 7	1 35	19 57	14 25	17 53	17 46	26 23	16 43	6 41
T 23	15 26	26 24	2 57	20 3	1 29	12 32	1 1	24 30	1 11	20 52	0 29	22 57	0 32	19 29	0 13	19 7	1 35	19 56	14 25	17 55	17 47	26 22	16 43	6 42
F 24	15 44	24 6	1 50	19 45	1 15	12 58	0 59	24 32	1 11	20 55	0 29	22 57	0 32	19 29	0 13	19 8	1 35	19 56	14 26	17 55	17 48	26 21	16 42	6 43
S 25	16 1	20 18	0 38	19 25	1 0	13 24	0 57	24 34	1 11	20 57	0 29	22 57	0 32	19 28	0 13	19 8	1 35	19 56	14 26	17 56	17 49	26 20	16 42	6 43
S 26	16 18	15 25	0n36	19 4	0 45	13 49	0 56	24 36	1 11	20 59	0 29	22 57	0 32	19 28	0 13	19 9	1 35	19 56	14 26	17 56	17 50	26 19	16 41	6 44
M27	16 35	9 51	1 46	18 40	0 28	14 14	0 54	24 37	1 11	21 2	0 29	22 57	0 32	19 27	0 12	19 9	1 35	19 56	14 27	17 56	17 51	26 18	16 41	6 44
T 28	16 52	3 55	2 49	18 16	0 12	14 39	0 52	24 38	1 11	21 4	0 28	22 57	0 32	19 27	0 12	19 9	1 35	19 56	14 27	17 56	17 52	26 17	16 40	6 45
W29	17 8	2n 4	3 42	17 51	0s 6	15 3	0 50	24 40	1 12	21 7	0 28	22 57	0 31	19 26	0 12	19 10	1 35	19 56	14 27	17 57	17 52	26 16	16 40	6 45
T 30	17n25	7n52	4n22	17n25	0s23	15n27	0s48	24n40	1n12	21n 9	0s28	22n57	0s31	19s25	0n12	19n10	1s34	19s56	14s28	17s59	17s53	26n15	16s39	6n46

Julian Day Number = 2291668.5, Delta T = 154.00 sec
Ecliptic obliquity = 23°29'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'54, Lahiri = 17°44'55 Julian Calendar 1 Apr. 1562 == Greg. Calendar 11 Apr. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

MAY 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 12 46	19♉35'22	22♈33	19°R25	15♉40	28♊23	7♊42	2♋31	27°R21	2♊34	13♓ 9	9°R 4	9♒34	5♋48	4°R35	F 1
S 2	15 16 42	20°33'10	5♉12	18♉50	16°53	29° 1	7°56	2°37	27♏19	2°36	13°10	8♒52	9°31	5°55	4♐33	S 2
S 3	15 20 39	21°30'56	17°40	18°15	18° 7	29°39	8°10	2°44	27°16	2°38	13°11	8°39	9°27	6° 2	4°31	S 3
M 4	15 24 35	22°28'40	29°57	17°41	19°21	0♋17	8°23	2°50	27°14	2°41	13°11	8°26	9°24	6° 8	4°28	M 4
T 5	15 28 32	23°26'24	12♊ 4	17° 9	20°35	0°55	8°37	2°57	27°11	2°43	13°12	8°14	9°21	6°15	4°26	T 5
W 6	15 32 29	24°24'06	24° 2	16°39	21°49	1°33	8°51	3° 4	27° 9	2°45	13°13	8° 5	9°18	6°22	4°23	W 6
T 7	15 36 25	25°21'46	5♋53	16°12	23° 2	2°11	9° 4	3°10	27° 6	2°47	13°14	7°58	9°15	6°28	4°21	T 7
F 8	15 40 22	26°19'25	17°41	15°48	24°16	2°49	9°18	3°17	27° 4	2°49	13°14	7°53	9°11	6°35	4°18	F 8
S 9	15 44 18	27°17'03	29°29	15°27	25°30	3°27	9°32	3°24	27° 1	2°52	13°15	7°52	9° 8	6°42	4°15	S 9
S 10	15 48 15	28°14'39	11♌21	15°10	26°44	4° 5	9°45	3°31	26°59	2°54	13°15	7°D51	9° 5	6°48	4°12	S 10
M11	15 52 11	29°12'14	23°23	14°57	27°58	4°43	9°59	3°38	26°56	2°56	13°16	7°R52	9° 2	6°55	4°10	M11
T 12	15 56 8	0♊ 9'47	5♍40	14°48	29°11	5°21	10°13	3°45	26°54	2°58	13°16	7°52	8°59	7° 2	4° 7	T 12
W13	16 0 4	1° 7'18	18°17	14°43	0♊25	5°59	10°27	3°52	26°51	3° 1	13°17	7°50	8°56	7° 8	4° 4	W13
T 14	16 4 1	2° 4'49	1♎19	14°D42	1°39	6°36	10°41	3°59	26°49	3° 3	13°17	7°47	8°52	7°15	4° 1	T 14
F 15	16 7 58	3° 2'18	14°49	14°47	2°52	7°14	10°54	4° 6	26°46	3° 5	13°18	7°41	8°49	7°22	3°58	F 15
S 16	16 11 54	3°59'45	28°48	14°55	4° 6	7°52	11° 8	4°13	26°44	3° 7	13°18	7°34	8°46	7°28	3°54	S 16
S 17	16 15 51	4°57'12	13♏13	15° 8	5°20	8°30	11°22	4°20	26°42	3°10	13°19	7°25	8°43	7°35	3°51	S 17
M18	16 19 47	5°54'37	28° 0	15°26	6°34	9° 8	11°36	4°27	26°39	3°12	13°19	7°15	8°40	7°42	3°48	M18
T 19	16 23 44	6°52'02	13♐ 2	15°48	7°47	9°46	11°50	4°34	26°37	3°14	13°20	7° 7	8°37	7°48	3°45	T 19
W20	16 27 40	7°49'26	28° 7	16°14	9° 1	10°24	12° 4	4°42	26°34	3°16	13°20	7° 0	8°33	7°55	3°41	W20
T 21	16 31 37	8°46'48	13♑ 8	16°45	10°15	11° 2	12°17	4°49	26°32	3°19	13°20	6°56	8°30	8° 2	3°38	T 21
F 22	16 35 33	9°44'11	27°55	17°20	11°28	11°40	12°31	4°56	26°29	3°21	13°21	6°54	8°27	8° 8	3°35	F 22
S 23	16 39 30	10°41'32	12♒24	17°58	12°42	12°18	12°45	5° 4	26°27	3°23	13°21	6°D54	8°24	8°15	3°31	S 23
S 24	16 43 27	11°38'53	26°31	18°41	13°56	12°55	12°59	5°11	26°25	3°25	13°21	6°54	8°21	8°22	3°28	S 24
M25	16 47 23	12°36'13	10♓17	19°28	15°10	13°33	13°13	5°19	26°22	3°28	13°21	6°R55	8°17	8°28	3°24	M25
T 26	16 51 20	13°33'33	23°41	20°19	16°23	14°11	13°27	5°26	26°20	3°30	13°22	6°54	8°14	8°35	3°21	T 26
W27	16 55 16	14°30'52	6♈47	21°13	17°37	14°49	13°41	5°33	26°17	3°32	13°22	6°52	8°11	8°42	3°17	W27
T 28	16 59 13	15°28'11	19°36	22°11	18°51	15°27	13°54	5°41	26°15	3°34	13°22	6°48	8° 8	8°48	3°13	T 28
F 29	17 3 9	16°25'30	2♉12	23°13	20° 4	16° 5	14° 8	5°48	26°13	3°36	13°22	6°41	8° 5	8°55	3°10	F 29
S 30	17 7 6	17°22'48	14°35	24°18	21°18	16°43	14°22	5°56	26°11	3°39	13°22	6°33	8° 2	9° 2	3° 6	S 30
S 31	17 11 2	18♊20'06	26♉49	25♉27	22♊32	17♋21	14♊36	6♋ 4	26♏ 8	3♊41	13♓22	6♒24	7♒58	9♋ 8	3♐ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n40	13n15	4n48	16n59	0s41	15n50	0s46	24n41	1n12	21n11	0s28	22n57	0s31	19s25	0n12	19n11	1s34	19s56	14s28	18s 2	17s54	26n14	16s39	6n46
S 2	17 56	17 59	5 0	16 32	0 58	16 13	0 44	24 41	1 12	21 14	0 28	22 57	0 31	19 24	0 12	19 11	1 34	19 56	14 28	18 5	17 55	26 13	16 38	6 47
S 3	18 11	21 53	4 57	16 6	1 15	16 36	0 42	24 42	1 12	21 16	0 28	22 57	0 31	19 24	0 12	19 12	1 34	19 56	14 29	18 9	17 56	26 12	16 38	6 47
M 4	18 26	24 45	4 40	15 41	1 32	16 58	0 40	24 42	1 12	21 18	0 28	22 57	0 31	19 23	0 12	19 12	1 34	19 56	14 29	18 12	17 57	26 11	16 38	6 48
T 5	18 41	26 26	4 11	15 16	1 48	17 20	0 37	24 42	1 12	21 20	0 28	22 57	0 31	19 23	0 12	19 13	1 34	19 56	14 29	18 15	17 57	26 10	16 37	6 49
W 6	18 55	26 52	3 30	14 53	2 3	17 42	0 35	24 42	1 12	21 23	0 27	22 57	0 31	19 22	0 12	19 13	1 34	19 56	14 30	18 18	17 58	26 9	16 37	6 49
T 7	19 9	26 3	2 41	14 31	2 18	18 3	0 33	24 41	1 12	21 25	0 27	22 57	0 30	19 22	0 12	19 13	1 34	19 56	14 30	18 19	17 59	26 8	16 36	6 49
F 8	19 23	24 4	1 45	14 11	2 32	18 23	0 31	24 40	1 12	21 27	0 27	22 57	0 30	19 21	0 12	19 14	1 34	19 56	14 30	18 20	18 0	26 6	16 36	6 50
S 9	19 36	21 2	0 44	13 53	2 45	18 43	0 29	24 40	1 12	21 29	0 27	22 57	0 30	19 20	0 12	19 14	1 34	19 56	14 31	18 21	18 1	26 5	16 36	6 50
S 10	19 49	17 7	0s19	13 37	2 56	19 3	0 26	24 39	1 12	21 31	0 27	22 57	0 30	19 20	0 12	19 15	1 34	19 57	14 31	18 21	18 2	26 4	16 35	6 51
M11	20 2	12 28	1 22	13 23	3 7	19 22	0 24	24 37	1 13	21 33	0 27	22 57	0 30	19 19	0 12	19 15	1 34	19 57	14 31	18 21	18 3	26 3	16 35	6 51
T 12	20 14	7 15	2 23	13 11	3 16	19 40	0 22	24 36	1 13	21 36	0 27	22 57	0 30	19 19	0 12	19 16	1 34	19 57	14 32	18 21	18 3	26 2	16 34	6 52
W13	20 26	1 36	3 18	13 2	3 25	19 58	0 20	24 34	1 13	21 38	0 27	22 57	0 30	19 18	0 12	19 16	1 34	19 57	14 32	18 21	18 4	26 1	16 34	6 52
T 14	20 38	4s16	4 5	12 55	3 32	20 16	0 17	24 33	1 13	21 40	0 27	22 57	0 30	19 18	0 12	19 17	1 34	19 57	14 32	18 22	18 5	26 0	16 34	6 53
F 15	20 49	10 9	4 40	12 50	3 38	20 33	0 15	24 31	1 13	21 42	0 27	22 57	0 30	19 17	0 12	19 17	1 34	19 57	14 33	18 24	18 6	25 59	16 33	6 53
S 16	21 0	15 45	5 0	12 48	3 43	20 49	0 13	24 28	1 13	21 44	0 26	22 56	0 29	19 16	0 12	19 17	1 34	19 57	14 33	18 26	18 7	25 58	16 33	6 53
S 17	21 10	20 39	5 2	12 48	3 47	21 5	0 10	24 26	1 13	21 46	0 26	22 56	0 29	19 16	0 12	19 18	1 34	19 57	14 34	18 28	18 8	25 56	16 33	6 54
M18	21 21	24 23	4 45	12 50	3 50	21 20	0 8	24 24	1 13	21 48	0 26	22 56	0 29	19 15	0 12	19 18	1 34	19 58	14 34	18 30	18 8	25 55	16 32	6 54
T 19	21 31	26 30	4 7	12 55	3 52	21 34	0 5	24 21	1 13	21 50	0 26	22 56	0 29	19 15	0 12	19 19	1 34	19 58	14 34	18 32	18 9	25 54	16 32	6 55
W20	21 40	26 41	3 12	13 2	3 52	21 48	0 3	24 18	1 13	21 52	0 26	22 56	0 29	19 14	0 12	19 19	1 34	19 58	14 35	18 34	18 10	25 53	16 32	6 55
T 21	21 49	24 54	2 4	13 10	3 52	22 2	0 1	24 15	1 13	21 54	0 26	22 56	0 29	19 14	0 12	19 20	1 34	19 58	14 35	18 35	18 11	25 52	16 32	6 55
F 22	21 58	21 25	0 48	13 21	3 51	22 15	0n 2	24 12	1 13	21 56	0 26	22 56	0 29	19 13	0 12	19 20	1 34	19 58	14 35	18 36	18 12	25 51	16 31	6 56
S 23	22 6	16 39	0n30	13 34	3 49	22 27	0 4	24 8	1 13	21 57	0 26	22 55	0 29	19 13	0 12	19 20	1 34	19 59	14 36	18 36	18 13	25 49	16 31	6 56
S 24	22 14	11 5	1 43	13 48	3 46	22 38	0 7	24 5	1 13	21 59	0 26	22 55	0 29	19 12	0 12	19 21	1 34	19 59	14 36	18 36	18 13	25 48	16 31	6 56
M25	22 22	5 7	2 49	14 4	3 42	22 49	0 9	24 1	1 13	22 1	0 26	22 55	0 28	19 11	0 12	19 21	1 34	19 59	14 36	18 35	18 14	25 47	16 31	6 57
T 26	22 29	0n55	3 44	14 22	3 38	22 59	0 11	23 57	1 13	22 3	0 25	22 55	0 28	19 11	0 12	19 22	1 34	19 59	14 37	18 35	18 15	25 46	16 30	6 57
W27	22 36	6 46	4 26	14 41	3 33	23 9	0 14	23 53	1 13	22 5	0 25	22 55	0 28	19 10	0 12	19 22	1 34	20 0	14 37	18 36	18 16	25 45	16 30	6 57
T 28	22 42	12 12	4 53	15 2	3 27	23 18	0 16	23 49	1 13	22 6	0 25	22 54	0 28	19 10	0 12	19 22	1 34	20 0	14 38	18 37	18 17	25 43	16 30	6 58
F 29	22 48	17 3	5 6	15 23	3 20	23 26	0 18	23 44	1 13	22 8	0 25	22 54	0 28	19 9	0 12	19 23	1 34	20 0	14 38	18 39	18 17	25 42	16 30	6 58
S 30	22 54	21 5	5 4	15 46	3 13	23 33	0 21	23 39	1 13	22 10	0 25	22 54	0 28	19 9	0 12	19 23	1 34	20 0	14 38	18 41	18 18	25 41	16 30	6 58
S 31	22n59	24n 9	4n48	16n10	3s 5	23n40	0n23	23n35	1n13	22n12	0s25	22n54	0s28	19s 8	0n12	19n24	1s34	20s 1	14s39	18s43	18s19	25n40	16s29	6n58

Julian Day Number = 2291698.5, Delta T = 153.83 sec
Ecliptic obliquity = 23°29'52, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°37'58, Lahiri = 17°44'59 Julian Calendar 1 May 1562 == Greg. Calendar 11 May 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

JUNE 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 14 59	19♊17'23	8♊53	26♉39	23♊46	17♋58	14♊50	6♋11	26°R 6	3♊43	13♓22	6°R16	7♒55	9♋15	2°R59	M 1
T 2	17 18 56	20°14'40	20°51	27°54	24°59	18°36	15° 4	6°19	26♏ 4	3°45	13°23	6♒ 8	7°52	9°22	2♑55	T 2
W 3	17 22 52	21°11'56	2♋43	29°13	26°13	19°14	15°18	6°26	26° 2	3°47	13°23	6° 2	7°49	9°28	2°51	W 3
T 4	17 26 49	22° 9'12	14°31	0♊35	27°27	19°52	15°31	6°34	26° 0	3°49	13°R23	5°57	7°46	9°35	2°47	T 4
F 5	17 30 45	23° 6'27	26°18	2° 1	28°40	20°30	15°45	6°42	25°57	3°52	13°23	5°55	7°43	9°42	2°43	F 5
S 6	17 34 42	24° 3'41	8♌ 7	3°29	29°54	21° 8	15°59	6°49	25°55	3°54	13°23	5°D54	7°39	9°48	2°40	S 6
S 7	17 38 38	25° 0'55	20° 1	5° 1	1♋ 8	21°45	16°13	6°57	25°53	3°56	13°22	5°55	7°36	9°55	2°36	S 7
M 8	17 42 35	25°58'09	2♍ 4	6°36	2°22	22°23	16°26	7° 5	25°51	3°58	13°22	5°57	7°33	10° 2	2°32	M 8
T 9	17 46 31	26°55'21	14°21	8°14	3°35	23° 1	16°40	7°13	25°49	4° 0	13°22	5°58	7°30	10° 8	2°28	T 9
W10	17 50 28	27°52'34	26°56	9°55	4°49	23°39	16°54	7°20	25°47	4° 2	13°22	5°R59	7°27	10°15	2°24	W10
T 11	17 54 25	28°49'45	9♎55	11°39	6° 3	24°17	17° 8	7°28	25°45	4° 4	13°22	5°58	7°23	10°22	2°20	T 11
F 12	17 58 21	29°46'56	23°20	13°26	7°16	24°55	17°21	7°36	25°43	4° 6	13°22	5°56	7°20	10°28	2°16	F 12
S 13	18 2 18	0♋44'07	7♏13	15°16	8°30	25°32	17°35	7°44	25°41	4° 8	13°22	5°53	7°17	10°35	2°12	S 13
S 14	18 6 14	1°41'17	21°35	17° 9	9°44	26°10	17°49	7°52	25°40	4°10	13°21	5°48	7°14	10°42	2° 9	S 14
M15	18 10 11	2°38'28	6♐21	19° 4	10°57	26°48	18° 2	7°59	25°38	4°13	13°21	5°43	7°11	10°48	2° 5	M15
T 16	18 14 7	3°35'37	21°25	21° 2	12°11	27°26	18°16	8° 7	25°36	4°15	13°21	5°39	7° 8	10°55	2° 1	T 16
W17	18 18 4	4°32'47	6♑38	23° 3	13°25	28° 4	18°29	8°15	25°34	4°17	13°21	5°36	7° 4	11° 2	1°57	W17
T 18	18 22 1	5°29'57	21°50	25° 5	14°39	28°42	18°43	8°23	25°32	4°19	13°20	5°34	7° 1	11° 8	1°53	T 18
F 19	18 25 57	6°27'07	6♒52	27° 9	15°52	29°19	18°56	8°31	25°31	4°21	13°20	5°D33	6°58	11°15	1°49	F 19
S 20	18 29 54	7°24'17	21°35	29°15	17° 6	29°57	19°10	8°38	25°29	4°22	13°20	5°34	6°55	11°22	1°45	S 20
S 21	18 33 50	8°21'27	5♓56	1♋22	18°20	0♌35	19°23	8°46	25°27	4°24	13°19	5°35	6°52	11°28	1°41	S 21
M22	18 37 47	9°18'37	19°51	3°30	19°33	1°13	19°37	8°54	25°26	4°26	13°19	5°37	6°49	11°35	1°37	M22
T 23	18 41 43	10°15'48	3♈20	5°39	20°47	1°51	19°50	9° 2	25°24	4°28	13°18	5°38	6°45	11°41	1°34	T 23
W24	18 45 40	11°12'59	16°27	7°49	22° 1	2°29	20° 3	9°10	25°23	4°30	13°18	5°R38	6°42	11°48	1°30	W24
T 25	18 49 36	12°10'11	29°12	9°58	23°14	3° 6	20°17	9°18	25°21	4°32	13°17	5°37	6°39	11°55	1°26	T 25
F 26	18 53 33	13° 7'24	11♉41	12° 8	24°28	3°44	20°30	9°25	25°20	4°34	13°17	5°35	6°36	12° 1	1°22	F 26
S 27	18 57 30	14° 4'37	23°55	14°17	25°42	4°22	20°43	9°33	25°19	4°36	13°16	5°32	6°33	12° 8	1°19	S 27
S 28	19 1 26	15° 1'50	5♊59	16°26	26°55	5° 0	20°56	9°41	25°17	4°38	13°16	5°29	6°29	12°15	1°15	S 28
M29	19 5 23	15°59'04	17°55	18°33	28° 9	5°38	21°10	9°49	25°16	4°39	13°15	5°25	6°26	12°21	1°11	M29
T 30	19 9 19	16♋56'18	29♊46	20♋40	29♋23	6♌16	21♊23	9♋57	25♏15	4♊41	13♓15	5♒23	6♒23	12♋28	1♑ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	26n 6	4n19	16n35	2s57	23n46	0n25	23n30	1n13	22n13	0s25	22n53	0s28	19s 8	0n12	19n24	1s34	20s 1	14s39	18s45	18s20	25n39	16s29	6n59
T 2	23 8	26 49	3 39	17 1	2 48	23 52	0 28	23 24	1 13	22 15	0 25	22 53	0 28	19 7	0 12	19 25	1 34	20 1	14 39	18 47	18 21	25 37	16 29	6 59
W 3	23 12	26 18	2 50	17 27	2 39	23 56	0 30	23 19	1 13	22 16	0 25	22 53	0 27	19 7	0 12	19 25	1 34	20 2	14 40	18 49	18 22	25 36	16 29	6 59
T 4	23 16	24 35	1 53	17 54	2 29	24 0	0 32	23 14	1 13	22 18	0 25	22 53	0 27	19 6	0 12	19 25	1 34	20 2	14 40	18 50	18 22	25 35	16 29	6 59
F 5	23 19	21 48	0 52	18 21	2 19	24 4	0 34	23 8	1 13	22 20	0 25	22 52	0 27	19 6	0 12	19 26	1 34	20 2	14 41	18 50	18 23	25 33	16 29	6 59
S 6	23 22	18 5	0s12	18 48	2 8	24 6	0 36	23 2	1 13	22 21	0 24	22 52	0 27	19 5	0 12	19 26	1 34	20 3	14 41	18 50	18 24	25 32	16 29	7 0
S 7	23 24	13 39	1 16	19 16	1 57	24 8	0 39	22 56	1 13	22 23	0 24	22 52	0 27	19 5	0 12	19 26	1 34	20 3	14 41	18 50	18 25	25 31	16 29	7 0
M 8	23 26	8 37	2 18	19 43	1 46	24 9	0 41	22 50	1 13	22 24	0 24	22 51	0 27	19 4	0 12	19 27	1 34	20 3	14 42	18 50	18 26	25 30	16 29	7 0
T 9	23 28	3 12	3 14	20 10	1 35	24 10	0 43	22 43	1 13	22 26	0 24	22 51	0 27	19 4	0 12	19 27	1 34	20 4	14 42	18 50	18 26	25 28	16 28	7 0
W10	23 29	2s29	4 3	20 37	1 23	24 10	0 45	22 37	1 13	22 27	0 24	22 51	0 27	19 3	0 12	19 28	1 34	20 4	14 42	18 49	18 27	25 27	16 28	7 0
T 11	23 30	8 14	4 40	21 3	1 11	24 9	0 47	22 30	1 13	22 28	0 24	22 51	0 27	19 3	0 12	19 28	1 34	20 5	14 43	18 50	18 28	25 26	16 28	7 0
F 12	23 30	13 48	5 4	21 29	1 0	24 7	0 49	22 23	1 13	22 30	0 24	22 50	0 27	19 3	0 12	19 28	1 34	20 5	14 43	18 50	18 29	25 24	16 28	7 0
S 13	23 30	18 52	5 12	21 54	0 48	24 4	0 51	22 16	1 13	22 31	0 24	22 50	0 27	19 2	0 12	19 29	1 34	20 5	14 43	18 51	18 30	25 23	16 28	7 1
S 14	23 29	23 2	5 0	22 17	0 36	24 1	0 53	22 9	1 13	22 32	0 24	22 49	0 26	19 2	0 12	19 29	1 35	20 6	14 44	18 52	18 31	25 22	16 28	7 1
M15	23 28	25 50	4 29	22 39	0 24	23 57	0 55	22 2	1 13	22 34	0 24	22 49	0 26	19 1	0 12	19 29	1 35	20 6	14 44	18 53	18 31	25 20	16 28	7 1
T 16	23 27	26 51	3 38	22 59	0 12	23 53	0 57	21 55	1 12	22 35	0 24	22 49	0 26	19 1	0 12	19 30	1 35	20 7	14 44	18 54	18 32	25 19	16 28	7 1
W17	23 25	25 52	2 32	23 18	0 1	23 48	0 59	21 47	1 12	22 36	0 24	22 48	0 26	19 0	0 12	19 30	1 35	20 7	14 45	18 55	18 33	25 18	16 28	7 1
T 18	23 23	22 57	1 15	23 35	0n10	23 42	1 1	21 39	1 12	22 38	0 24	22 48	0 26	19 0	0 12	19 30	1 35	20 8	14 45	18 56	18 34	25 16	16 28	7 1
F 19	23 20	18 29	0n 7	23 49	0 21	23 35	1 2	21 31	1 12	22 39	0 23	22 47	0 26	19 0	0 12	19 31	1 35	20 8	14 46	18 56	18 35	25 15	16 28	7 1
S 20	23 17	12 58	1 27	24 1	0 32	23 28	1 4	21 23	1 12	22 40	0 23	22 47	0 26	18 59	0 12	19 31	1 35	20 8	14 46	18 56	18 35	25 14	16 28	7 1
S 21	23 14	6 54	2 39	24 11	0 42	23 20	1 6	21 15	1 12	22 41	0 23	22 47	0 26	18 59	0 12	19 31	1 35	20 9	14 46	18 55	18 36	25 12	16 28	7 1
M22	23 10	0 40	3 40	24 18	0 51	23 11	1 7	21 7	1 12	22 42	0 23	22 46	0 26	18 59	0 12	19 32	1 35	20 9	14 47	18 55	18 37	25 11	16 28	7 1
T 23	23 6	5n24	4 26	24 22	1 0	23 1	1 9	20 58	1 12	22 43	0 23	22 46	0 26	18 58	0 12	19 32	1 35	20 10	14 47	18 55	18 38	25 9	16 28	7 1
W24	23 1	11 3	4 57	24 24	1 8	22 51	1 10	20 49	1 12	22 44	0 23	22 45	0 26	18 58	0 12	19 32	1 35	20 10	14 47	18 55	18 39	25 8	16 29	7 1
T 25	22 56	16 5	5 13	24 22	1 15	22 40	1 12	20 41	1 12	22 45	0 23	22 45	0 25	18 58	0 12	19 33	1 35	20 11	14 48	18 55	18 39	25 7	16 29	7 1
F 26	22 51	20 20	5 13	24 18	1 22	22 29	1 13	20 32	1 12	22 47	0 23	22 44	0 25	18 57	0 12	19 33	1 35	20 11	14 48	18 55	18 40	25 5	16 29	7 1
S 27	22 45	23 37	4 59	24 11	1 28	22 17	1 15	20 22	1 12	22 48	0 23	22 44	0 25	18 57	0 12	19 33	1 35	20 12	14 48	18 56	18 41	25 4	16 29	7 1
S 28	22 39	25 49	4 31	24 2	1 33	22 4	1 16	20 13	1 12	22 48	0 23	22 43	0 25	18 57	0 12	19 34	1 35	20 12	14 49	18 57	18 42	25 2	16 29	7 1
M29	22 32	26 48	3 53	23 49	1 38	21 51	1 17	20 4	1 11	22 49	0 23	22 43	0 25	18 56	0 12	19 34	1 35	20 13	14 49	18 58	18 43	25 1	16 29	7 1
T 30	22n25	26n34	3n 4	23n34	1n41	21n37	1n19	19n54	1n11	22n50	0s23	22n42	0s25	18s56	0n12	19n34	1s35	20s13	14s49	18s58	18s43	25n 0	16s29	7n 0

Julian Day Number = 2291729.5, Delta T = 153.65 sec
Ecliptic obliquity = 23°29'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'03, Lahiri = 17°45'03 Julian Calendar 1 June 1562 == Greg. Calendar 11 June 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

JULY 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 13 16	17♋53'33	11♋34	22♋46	0♌37	6♌53	21♊36	10♋ 4	25°R14	4♊43	13°R14	5°R21	6♒20	12♋35	1°R 4	W 1
T 2	19 17 12	18°50'49	23°22	24°50	1°50	7°31	21°49	10°12	25♏12	4°45	13♓14	5♒19	6°17	12°41	1♉ 0	T 2
F 3	19 21 9	19°48'04	5♌11	26°53	3° 4	8° 9	22° 2	10°20	25°11	4°46	13°13	5°D19	6°14	12°48	0°57	F 3
S 4	19 25 5	20°45'20	17° 5	28°54	4°18	8°47	22°15	10°28	25°10	4°48	13°12	5°19	6°10	12°55	0°53	S 4
S 5	19 29 2	21°42'37	29° 5	0♌54	5°31	9°25	22°28	10°35	25° 9	4°50	13°12	5°20	6° 7	13° 1	0°49	S 5
M 6	19 32 59	22°39'54	11♍15	2°52	6°45	10° 3	22°40	10°43	25° 8	4°51	13°11	5°21	6° 4	13° 8	0°46	M 6
T 7	19 36 55	23°37'11	23°37	4°49	7°59	10°41	22°53	10°51	25° 7	4°53	13°10	5°22	6° 1	13°15	0°43	T 7
W 8	19 40 52	24°34'29	6♎16	6°43	9°12	11°19	23° 6	10°58	25° 6	4°55	13°10	5°23	5°58	13°21	0°39	W 8
T 9	19 44 48	25°31'46	19°14	8°36	10°26	11°57	23°19	11° 6	25° 6	4°56	13° 9	5°24	5°54	13°28	0°36	T 9
F 10	19 48 45	26°29'05	2♏34	10°28	11°40	12°34	23°31	11°14	25° 5	4°58	13° 8	5°R24	5°51	13°35	0°33	F 10
S 11	19 52 41	27°26'24	16°19	12°18	12°53	13°12	23°44	11°21	25° 4	4°59	13° 7	5°23	5°48	13°41	0°29	S 11
S 12	19 56 38	28°23'43	0♐29	14° 5	14° 7	13°50	23°56	11°29	25° 3	5° 1	13° 6	5°23	5°45	13°48	0°26	S 12
M13	20 0 34	29°21'03	15° 2	15°52	15°21	14°28	24° 9	11°37	25° 3	5° 2	13° 6	5°22	5°42	13°55	0°23	M13
T 14	20 4 31	0♌18'23	29°55	17°36	16°34	15° 6	24°21	11°44	25° 2	5° 4	13° 5	5°21	5°39	14° 1	0°20	T 14
W15	20 8 28	1°15'45	15♉ 0	19°19	17°48	15°44	24°34	11°52	25° 2	5° 5	13° 4	5°21	5°35	14° 8	0°17	W15
T 16	20 12 24	2°13'06	0♒ 9	21° 0	19° 2	16°22	24°46	11°59	25° 1	5° 7	13° 3	5°D21	5°32	14°15	0°14	T 16
F 17	20 16 21	3°10'29	15°12	22°40	20°15	17° 0	24°58	12° 7	25° 1	5° 8	13° 2	5°21	5°29	14°21	0°11	F 17
S 18	20 20 17	4° 7'53	0♓ 2	24°18	21°29	17°38	25°10	12°14	25° 0	5° 9	13° 1	5°21	5°26	14°28	0° 8	S 18
S 19	20 24 14	5° 5'17	14°32	25°54	22°43	18°16	25°22	12°22	25° 0	5°11	13° 0	5°R21	5°23	14°35	0° 5	S 19
M20	20 28 10	6° 2'43	28°36	27°28	23°56	18°54	25°34	12°29	25° 0	5°12	12°59	5°21	5°20	14°41	0° 2	M20
T 21	20 32 7	7° 0'10	12♈14	29° 1	25°10	19°32	25°46	12°37	25° 0	5°13	12°59	5°21	5°16	14°48	29♐59	T 21
W22	20 36 3	7°57'38	25°26	0♍32	26°23	20°10	25°58	12°44	24°59	5°14	12°58	5°21	5°13	14°55	29°57	W22
T 23	20 40 0	8°55'08	8♉14	2° 1	27°37	20°48	26°10	12°51	24°59	5°16	12°57	5°D21	5°10	15° 1	29°54	T 23
F 24	20 43 57	9°52'39	20°41	3°29	28°51	21°26	26°22	12°58	24°59	5°17	12°56	5°21	5° 7	15° 8	29°52	F 24
S 25	20 47 53	10°50'12	2♊53	4°55	0♍ 4	22° 4	26°33	13° 6	24°D59	5°18	12°55	5°21	5° 4	15°14	29°49	S 25
S 26	20 51 50	11°47'46	14°52	6°20	1°18	22°42	26°45	13°13	24°59	5°19	12°54	5°22	5° 0	15°21	29°47	S 26
M27	20 55 46	12°45'21	26°44	7°42	2°32	23°20	26°57	13°20	24°59	5°20	12°53	5°22	4°57	15°28	29°45	M27
T 28	20 59 43	13°42'58	8♋32	9° 3	3°45	23°58	27° 8	13°27	24°59	5°21	12°52	5°23	4°54	15°34	29°42	T 28
W29	21 3 39	14°40'36	20°20	10°22	4°59	24°36	27°19	13°34	24°59	5°22	12°50	5°24	4°51	15°41	29°40	W29
T 30	21 7 36	15°38'15	2♌10	11°39	6°12	25°14	27°31	13°41	25° 0	5°23	12°49	5°R24	4°48	15°48	29°38	T 30
F 31	21 11 32	16♌35'56	14♌ 5	12♍54	7♍26	25♌52	27♊42	13♋49	25♏ 0	5♊24	12♓48	5♒24	4♒45	15♋54	29♐36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n18	25n 7	2n 8	23n17	1n44	21n22	1n20	19n45	1n11	22n51	0s23	22n42	0s25	18s56	0n12	19n35	1s35	20s14	14s50	18s59	18s44	24n58	16s29	7n 0
T 2	22 10	22 33	1 6	22 58	1 47	21 7	1 21	19 35	1 11	22 52	0 23	22 41	0 25	18 56	0 12	19 35	1 35	20 14	14 50	18 59	18 45	24 57	16 29	7 0
F 3	22 2	19 2	0 1	22 36	1 48	20 51	1 22	19 25	1 11	22 53	0 22	22 41	0 25	18 55	0 12	19 35	1 35	20 15	14 50	18 59	18 46	24 55	16 30	7 0
S 4	21 53	14 44	1s 5	22 12	1 49	20 34	1 23	19 15	1 11	22 54	0 22	22 40	0 25	18 55	0 12	19 35	1 35	20 16	14 50	18 59	18 47	24 54	16 30	7 0
S 5	21 45	9 49	2 8	21 47	1 49	20 17	1 24	19 5	1 11	22 55	0 22	22 40	0 25	18 55	0 12	19 36	1 35	20 16	14 51	18 59	18 47	24 52	16 30	7 0
M 6	21 35	4 30	3 6	21 20	1 49	20 0	1 25	18 54	1 11	22 55	0 22	22 39	0 25	18 55	0 12	19 36	1 35	20 17	14 51	18 59	18 48	24 51	16 30	7 0
T 7	21 26	1s 5	3 57	20 51	1 47	19 42	1 26	18 44	1 11	22 56	0 22	22 39	0 24	18 54	0 12	19 36	1 35	20 17	14 51	18 58	18 49	24 49	16 30	6 59
W 8	21 16	6 44	4 37	20 20	1 46	19 23	1 26	18 33	1 11	22 57	0 22	22 38	0 24	18 54	0 11	19 36	1 35	20 18	14 52	18 58	18 50	24 48	16 31	6 59
T 9	21 5	12 14	5 5	19 49	1 43	19 4	1 27	18 23	1 10	22 58	0 22	22 38	0 24	18 54	0 11	19 37	1 35	20 18	14 52	18 58	18 50	24 46	16 31	6 59
F 10	20 54	17 21	5 17	19 16	1 40	18 44	1 28	18 12	1 10	22 58	0 22	22 37	0 24	18 54	0 11	19 37	1 35	20 19	14 52	18 58	18 51	24 45	16 31	6 59
S 11	20 43	21 44	5 12	18 42	1 37	18 24	1 28	18 1	1 10	22 59	0 22	22 37	0 24	18 54	0 11	19 37	1 35	20 19	14 53	18 58	18 52	24 43	16 31	6 59
S 12	20 32	24 59	4 48	18 7	1 33	18 3	1 29	17 50	1 10	23 0	0 22	22 36	0 24	18 54	0 11	19 37	1 35	20 20	14 53	18 58	18 53	24 42	16 31	6 58
M13	20 20	26 42	4 5	17 32	1 28	17 41	1 29	17 39	1 10	23 0	0 22	22 35	0 24	18 53	0 11	19 38	1 35	20 21	14 53	18 58	18 54	24 40	16 32	6 58
T 14	20 8	26 34	3 4	16 55	1 24	17 20	1 29	17 27	1 10	23 1	0 22	22 35	0 24	18 53	0 11	19 38	1 35	20 21	14 53	18 59	18 54	24 39	16 32	6 58
W15	19 56	24 29	1 51	16 18	1 18	16 57	1 30	17 16	1 10	23 2	0 22	22 34	0 24	18 53	0 11	19 38	1 35	20 22	14 54	18 59	18 55	24 37	16 32	6 58
T 16	19 43	20 38	0 29	15 40	1 13	16 35	1 30	17 5	1 10	23 2	0 22	22 34	0 24	18 53	0 11	19 38	1 35	20 22	14 54	18 59	18 56	24 36	16 33	6 57
F 17	19 30	15 27	0n55	15 2	1 6	16 11	1 30	16 53	1 9	23 3	0 22	22 33	0 24	18 53	0 11	19 38	1 36	20 23	14 54	18 59	18 57	24 34	16 33	6 57
S 18	19 16	9 25	2 13	14 24	1 0	15 48	1 30	16 41	1 9	23 3	0 21	22 32	0 24	18 53	0 11	19 39	1 36	20 23	14 54	18 59	18 57	24 33	16 33	6 57
S 19	19 2	3 1	3 21	13 45	0 53	15 24	1 30	16 29	1 9	23 4	0 21	22 32	0 24	18 53	0 11	19 39	1 36	20 24	14 55	18 59	18 58	24 31	16 33	6 56
M20	18 48	3n20	4 15	13 6	0 46	14 59	1 30	16 17	1 9	23 4	0 21	22 31	0 24	18 53	0 11	19 39	1 36	20 25	14 55	18 59	18 59	24 30	16 34	6 56
T 21	18 34	9 20	4 52	12 27	0 38	14 35	1 30	16 5	1 9	23 5	0 21	22 31	0 23	18 53	0 11	19 39	1 36	20 25	14 55	18 59	19 0	24 28	16 34	6 56
W22	18 19	14 42	5 13	11 47	0 31	14 9	1 30	15 53	1 9	23 5	0 21	22 30	0 23	18 53	0 11	19 39	1 36	20 26	14 55	18 59	19 1	24 26	16 34	6 56
T 23	18 4	19 17	5 17	11 8	0 23	13 44	1 29	15 41	1 9	23 5	0 21	22 29	0 23	18 53	0 11	19 40	1 36	20 26	14 56	18 59	19 1	24 25	16 35	6 55
F 24	17 49	22 53	5 6	10 28	0 14	13 18	1 29	15 28	1 8	23 6	0 21	22 29	0 23	18 53	0 11	19 40	1 36	20 27	14 56	18 59	19 2	24 23	16 35	6 55
S 25	17 33	25 23	4 42	9 49	0 6	12 51	1 29	15 16	1 8	23 6	0 21	22 28	0 23	18 53	0 11	19 40	1 36	20 28	14 56	18 59	19 3	24 22	16 35	6 55
S 26	17 18	26 42	4 5	9 10	0s 3	12 25	1 28	15 3	1 8	23 7	0 21	22 27	0 23	18 53	0 11	19 40	1 36	20 28	14 56	18 59	19 4	24 20	16 36	6 54
M27	17 1	26 46	3 19	8 31	0 12	11 58	1 28	14 51	1 8	23 7	0 21	22 27	0 23	18 53	0 11	19 40	1 36	20 29	14 56	18 58	19 4	24 18	16 36	6 54
T 28	16 45	25 37	2 24	7 52	0 21	11 31	1 27	14 38	1 8	23 7	0 21	22 26	0 23	18 53	0 11	19 40	1 36	20 29	14 57	18 58	19 5	24 17	16 36	6 53
W29	16 28	23 19	1 23	7 14	0 31	11 3	1 26	14 25	1 8	23 7	0 21	22 25	0 23	18 53	0 11	19 41	1 36	20 30	14 57	18 58	19 6	24 15	16 37	6 53
T 30	16 11	20 1	0 18	6 36	0 40	10 35	1 26	14 12	1 7	23 8	0 21	22 25	0 23	18 53	0 11	19 41	1 36	20 31	14 57	18 58	19 7	24 14	16 37	6 53
F 31	15n54	15n53	0s48	5n58	0s50	10n 7	1n25	13n59	1n 7	23n 8	0s21	22n24	0s23	18s53	0n11	19n41	1s36	20s31	14s57	18s58	19s 7	24n12	16s38	6n52

Julian Day Number = 2291759.5, Delta T = 153.49 sec
Ecliptic obliquity = 23°29'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'07, Lahiri = 17°45'07 Julian Calendar 1 July 1562 == Greg. Calendar 11 July 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

AUGUST 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 15 29	17♌33'38	26♌ 8	14♍ 7	8♍39	26♌30	27♊53	13♋56	25♏ 0	5♊25	12°R47	5°R23	4♒41	16♋ 1	29°R34	S 1
S 2	21 19 26	18°31'22	8♍20	15°18	9°53	27° 8	28° 4	14° 2	25° 1	5°26	12♓46	5♒22	4°38	16° 8	29♐32	S 2
M 3	21 23 22	19°29'06	20°43	16°27	11° 6	27°46	28°15	14° 9	25° 1	5°27	12°45	5°20	4°35	16°14	29°30	M 3
T 4	21 27 19	20°26'52	3♎18	17°34	12°20	28°25	28°26	14°16	25° 2	5°28	12°44	5°18	4°32	16°21	29°29	T 4
W 5	21 31 15	21°24'39	16° 8	18°38	13°34	29° 3	28°36	14°23	25° 2	5°29	12°43	5°16	4°29	16°28	29°27	W 5
T 6	21 35 12	22°22'27	29°13	19°40	14°47	29°41	28°47	14°30	25° 3	5°30	12°42	5°14	4°26	16°34	29°25	T 6
F 7	21 39 8	23°20'16	12♏35	20°39	16° 1	0♍19	28°58	14°36	25° 3	5°30	12°41	5°13	4°22	16°41	29°24	F 7
S 8	21 43 5	24°18'07	26°15	21°36	17°14	0°57	29° 8	14°43	25° 4	5°31	12°39	5°D13	4°19	16°48	29°22	S 8
S 9	21 47 1	25°15'59	10♐14	22°29	18°28	1°35	29°19	14°50	25° 5	5°32	12°38	5°13	4°16	16°54	29°21	S 9
M10	21 50 58	26°13'52	24°30	23°20	19°41	2°14	29°29	14°56	25° 6	5°33	12°37	5°14	4°13	17° 1	29°20	M10
T 11	21 54 55	27°11'47	9♑ 3	24° 7	20°54	2°52	29°39	15° 3	25° 7	5°33	12°36	5°16	4°10	17° 8	29°18	T 11
W12	21 58 51	28° 9'42	23°48	24°51	22° 8	3°30	29°49	15° 9	25° 7	5°34	12°35	5°17	4° 6	17°14	29°17	W12
T 13	22 2 48	29° 7'40	8♒40	25°32	23°21	4° 8	29°59	15°16	25° 8	5°34	12°33	5°R17	4° 3	17°21	29°16	T 13
F 14	22 6 44	0♍ 5'38	23°31	26° 8	24°35	4°47	0♋ 9	15°22	25° 9	5°35	12°32	5°16	4° 0	17°28	29°15	F 14
S 15	22 10 41	1° 3'38	8♓14	26°41	25°48	5°25	0°19	15°28	25°10	5°35	12°31	5°14	3°57	17°34	29°14	S 15
S 16	22 14 37	2° 1'40	22°41	27° 9	27° 1	6° 3	0°28	15°35	25°12	5°36	12°30	5°11	3°54	17°41	29°14	S 16
M17	22 18 34	2°59'43	6♈48	27°32	28°15	6°41	0°38	15°41	25°13	5°36	12°29	5° 7	3°51	17°48	29°13	M17
T 18	22 22 30	3°57'49	20°30	27°51	29°28	7°20	0°47	15°47	25°14	5°37	12°27	5° 3	3°47	17°54	29°12	T 18
W19	22 26 27	4°55'56	3♉46	28° 4	0♎41	7°58	0°56	15°53	25°15	5°37	12°26	4°59	3°44	18° 1	29°12	W19
T 20	22 30 24	5°54'06	16°37	28°12	1°55	8°36	1° 6	15°59	25°16	5°38	12°25	4°56	3°41	18° 7	29°11	T 20
F 21	22 34 20	6°52'17	29° 7	28°R14	3° 8	9°15	1°15	16° 5	25°18	5°38	12°24	4°55	3°38	18°14	29°11	F 21
S 22	22 38 17	7°50'30	11♊19	28° 9	4°21	9°53	1°24	16°11	25°19	5°38	12°23	4°D54	3°35	18°21	29°10	S 22
S 23	22 42 13	8°48'46	23°18	27°59	5°35	10°32	1°32	16°16	25°21	5°38	12°21	4°55	3°32	18°27	29°10	S 23
M24	22 46 10	9°47'04	5♋ 9	27°42	6°48	11°10	1°41	16°22	25°22	5°39	12°20	4°57	3°28	18°34	29°10	M24
T 25	22 50 6	10°45'23	16°56	27°19	8° 1	11°48	1°50	16°28	25°24	5°39	12°19	4°59	3°25	18°41	29°D10	T 25
W26	22 54 3	11°43'45	28°45	26°49	9°14	12°27	1°58	16°33	25°25	5°39	12°18	5° 0	3°22	18°47	29°10	W26
T 27	22 57 59	12°42'09	10♌40	26°12	10°28	13° 5	2° 6	16°39	25°27	5°39	12°16	5°R 0	3°19	18°54	29°10	T 27
F 28	23 1 56	13°40'34	22°43	25°30	11°41	13°44	2°15	16°44	25°29	5°39	12°15	4°58	3°16	19° 1	29°10	F 28
S 29	23 5 53	14°39'02	4♍58	24°41	12°54	14°22	2°23	16°50	25°30	5°39	12°14	4°55	3°12	19° 7	29°11	S 29
S 30	23 9 49	15°37'31	17°26	23°48	14° 7	15° 1	2°31	16°55	25°32	5°R39	12°13	4°49	3° 9	19°14	29°11	S 30
M31	23 13 46	16♍36'03	0♎ 7	22♍50	15♎20	15♍39	2♋38	17♋ 0	25♏34	5♊39	12♓11	4♒43	3♒ 6	19♋21	29♐11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n36	11n 4	1s52	5n21	1s 0	9n38	1n24	13n46	1n 7	23n 8	0s21	22n23	0s23	18s53	0n11	19n41	1s36	20s32	14s57	18s58	19s 8	24n10	16s38	6n52
S 2	15 19	5 48	2 52	4 44	1 9	9 10	1 23	13 32	1 7	23 8	0 21	22 23	0 23	18 53	0 11	19 41	1 36	20 32	14 58	18 58	19 9	24 9	16 38	6 51
M 3	15 1	0 14	3 45	4 8	1 19	8 41	1 22	13 19	1 7	23 9	0 20	22 22	0 23	18 53	0 11	19 41	1 36	20 33	14 58	18 59	19 10	24 7	16 39	6 51
T 4	14 42	5s25	4 28	3 33	1 29	8 12	1 21	13 6	1 6	23 9	0 20	22 22	0 22	18 54	0 11	19 41	1 36	20 34	14 58	18 59	19 11	24 5	16 39	6 51
W 5	14 24	10 57	4 59	2 59	1 40	7 42	1 20	12 52	1 6	23 9	0 20	22 21	0 22	18 54	0 11	19 41	1 36	20 34	14 58	19 0	19 11	24 4	16 40	6 50
T 6	14 5	16 6	5 14	2 25	1 50	7 13	1 18	12 39	1 6	23 9	0 20	22 20	0 22	18 54	0 11	19 41	1 36	20 35	14 58	19 0	19 12	24 2	16 40	6 50
F 7	13 46	20 37	5 13	1 53	2 0	6 43	1 17	12 25	1 6	23 9	0 20	22 20	0 22	18 54	0 11	19 42	1 36	20 35	14 58	19 1	19 13	24 0	16 40	6 49
S 8	13 27	24 8	4 55	1 21	2 10	6 13	1 16	12 11	1 6	23 10	0 20	22 19	0 22	18 54	0 11	19 42	1 36	20 36	14 59	19 1	19 14	23 59	16 41	6 49
S 9	13 8	26 18	4 19	0 51	2 20	5 43	1 14	11 57	1 6	23 10	0 20	22 18	0 22	18 54	0 11	19 42	1 37	20 36	14 59	19 1	19 14	23 57	16 41	6 49
M10	12 48	26 49	3 26	0 22	2 30	5 13	1 13	11 43	1 5	23 10	0 20	22 18	0 22	18 55	0 11	19 42	1 37	20 37	14 59	19 0	19 15	23 55	16 42	6 48
T 11	12 28	25 31	2 20	0s 6	2 40	4 42	1 11	11 29	1 5	23 10	0 20	22 17	0 22	18 55	0 11	19 42	1 37	20 38	14 59	19 0	19 16	23 54	16 42	6 48
W12	12 8	22 26	1 3	0 33	2 50	4 12	1 10	11 15	1 5	23 10	0 20	22 16	0 22	18 55	0 11	19 42	1 37	20 38	14 59	19 0	19 17	23 52	16 43	6 47
T 13	11 48	17 50	0n19	0 57	2 59	3 41	1 8	11 1	1 5	23 10	0 20	22 16	0 22	18 55	0 11	19 42	1 37	20 39	14 59	19 0	19 17	23 50	16 43	6 47
F 14	11 28	12 10	1 39	1 20	3 8	3 10	1 6	10 47	1 5	23 10	0 20	22 15	0 22	18 56	0 11	19 42	1 37	20 39	14 59	19 0	19 18	23 49	16 43	6 46
S 15	11 7	5 51	2 51	1 42	3 17	2 39	1 4	10 33	1 4	23 10	0 20	22 14	0 22	18 56	0 11	19 42	1 37	20 40	14 59	19 0	19 19	23 47	16 44	6 46
S 16	10 47	0n38	3 52	2 1	3 26	2 9	1 3	10 18	1 4	23 10	0 20	22 14	0 22	18 56	0 11	19 42	1 37	20 40	14 59	19 1	19 20	23 45	16 44	6 45
M17	10 26	6 56	4 36	2 17	3 34	1 38	1 1	10 4	1 4	23 10	0 20	22 13	0 22	18 56	0 11	19 42	1 37	20 41	15 0	19 2	19 20	23 44	16 45	6 45
T 18	10 5	12 42	5 3	2 32	3 42	1 6	0 59	9 49	1 4	23 10	0 20	22 12	0 22	18 57	0 11	19 42	1 37	20 42	15 0	19 3	19 21	23 42	16 45	6 44
W19	9 44	17 42	5 13	2 44	3 49	0 35	0 57	9 35	1 3	23 10	0 20	22 12	0 22	18 57	0 11	19 42	1 37	20 42	15 0	19 4	19 22	23 40	16 46	6 44
T 20	9 22	21 44	5 7	2 53	3 56	0 4	0 54	9 20	1 3	23 10	0 19	22 11	0 21	18 57	0 11	19 42	1 37	20 43	15 0	19 5	19 23	23 38	16 46	6 43
F 21	9 1	24 39	4 46	2 59	4 1	0s27	0 52	9 6	1 3	23 10	0 19	22 10	0 21	18 58	0 11	19 42	1 37	20 43	15 0	19 5	19 23	23 37	16 47	6 43
S 22	8 39	26 21	4 12	3 2	4 6	0 58	0 50	8 51	1 3	23 10	0 19	22 10	0 21	18 58	0 11	19 42	1 37	20 44	15 0	19 5	19 24	23 35	16 47	6 42
S 23	8 17	26 48	3 28	3 1	4 10	1 29	0 48	8 36	1 3	23 10	0 19	22 9	0 21	18 58	0 11	19 42	1 37	20 44	15 0	19 5	19 25	23 33	16 48	6 42
M24	7 55	26 0	2 36	2 57	4 13	2 1	0 46	8 21	1 2	23 10	0 19	22 8	0 21	18 59	0 11	19 42	1 37	20 45	15 0	19 5	19 26	23 31	16 48	6 41
T 25	7 33	24 2	1 37	2 49	4 14	2 32	0 43	8 6	1 2	23 10	0 19	22 8	0 21	18 59	0 11	19 42	1 37	20 45	15 0	19 4	19 26	23 30	16 49	6 41
W26	7 11	21 1	0 34	2 37	4 14	3 3	0 41	7 51	1 2	23 10	0 19	22 7	0 21	19 0	0 11	19 42	1 37	20 46	15 0	19 4	19 27	23 28	16 49	6 40
T 27	6 49	17 7	0s31	2 21	4 12	3 34	0 38	7 36	1 2	23 10	0 19	22 7	0 21	19 0	0 11	19 42	1 37	20 46	15 0	19 4	19 28	23 26	16 50	6 40
F 28	6 26	12 29	1 35	2 1	4 9	4 5	0 36	7 21	1 1	23 10	0 19	22 6	0 21	19 0	0 11	19 42	1 37	20 47	15 0	19 4	19 29	23 24	16 50	6 39
S 29	6 3	7 18	2 36	1 37	4 4	4 36	0 33	7 6	1 1	23 10	0 19	22 5	0 21	19 1	0 11	19 42	1 38	20 47	15 0	19 5	19 29	23 22	16 51	6 39
S 30	5 41	1 45	3 30	1 9	3 56	5 7	0 31	6 51	1 1	23 10	0 19	22 5	0 21	19 1	0 10	19 42	1 38	20 48	15 0	19 6	19 30	23 21	16 51	6 38
M31	5n18	3s56	4s15	0s38	3s47	5s38	0n28	6n36	1n 1	23n 9	0s19	22n 4	0s21	19s 2	0n10	19n42	1s38	20s48	15s 0	19s 8	19s31	23n19	16s52	6n38

Julian Day Number = 2291790.5, Delta T = 153.31 sec
Ecliptic obliquity = 23°29'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'11, Lahiri = 17°45'12 Julian Calendar 1 Aug. 1562 == Greg. Calendar 11 Aug. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

SEPTEMBER 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 17 42	17♍34'36	13♎ 3	21°R49	16♎34	16♍18	2♋46	17♋ 5	25♏36	5°R39	12°R10	4°R35	3♒ 3	19♋27	29♐12	T 1
W 2	23 21 39	18°33'11	26°11	20♍46	17°47	16°57	2°54	17°10	25°38	5♊39	12♓ 9	4♒28	3° 0	19°34	29°13	W 2
T 3	23 25 35	19°31'48	9♏33	19°42	19° 0	17°35	3° 1	17°15	25°40	5°39	12° 8	4°21	2°57	19°41	29°13	T 3
F 4	23 29 32	20°30'27	23° 6	18°40	20°13	18°14	3° 8	17°20	25°42	5°39	12° 7	4°16	2°53	19°47	29°14	F 4
S 5	23 33 28	21°29'07	6♐51	17°39	21°26	18°53	3°15	17°25	25°44	5°39	12° 5	4°13	2°50	19°54	29°15	S 5
S 6	23 37 25	22°27'49	20°46	16°43	22°39	19°31	3°22	17°30	25°46	5°38	12° 4	4°D12	2°47	20° 0	29°16	S 6
M 7	23 41 22	23°26'33	4♑52	15°52	23°52	20°10	3°29	17°35	25°48	5°38	12° 3	4°13	2°44	20° 7	29°17	M 7
T 8	23 45 18	24°25'19	19° 6	15° 8	25° 5	20°49	3°36	17°39	25°50	5°38	12° 2	4°14	2°41	20°14	29°18	T 8
W 9	23 49 15	25°24'06	3♒28	14°32	26°18	21°27	3°42	17°44	25°52	5°38	12° 0	4°R14	2°38	20°20	29°19	W 9
T 10	23 53 11	26°22'55	17°55	14° 5	27°31	22° 6	3°48	17°48	25°55	5°37	11°59	4°14	2°34	20°27	29°21	T 10
F 11	23 57 8	27°21'45	2♓22	13°47	28°44	22°45	3°54	17°52	25°57	5°37	11°58	4°11	2°31	20°34	29°22	F 11
S 12	0 1 4	28°20'38	16°45	13°D40	29°57	23°24	4° 0	17°57	25°59	5°36	11°57	4° 5	2°28	20°40	29°23	S 12
S 13	0 5 1	29°19'32	0♈57	13°43	1♏10	24° 2	4° 6	18° 1	26° 2	5°36	11°56	3°58	2°25	20°47	29°25	S 13
M14	0 8 57	0♎18'29	14°53	13°55	2°22	24°41	4°12	18° 5	26° 4	5°35	11°55	3°49	2°22	20°54	29°27	M14
T 15	0 12 54	1°17'27	28°30	14°18	3°35	25°20	4°18	18° 9	26° 7	5°35	11°53	3°39	2°18	21° 0	29°28	T 15
W16	0 16 50	2°16'28	11♉44	14°51	4°48	25°59	4°23	18°13	26° 9	5°34	11°52	3°30	2°15	21° 7	29°30	W16
T 17	0 20 47	3°15'32	24°35	15°33	6° 1	26°38	4°28	18°16	26°12	5°34	11°51	3°22	2°12	21°14	29°32	T 17
F 18	0 24 44	4°14'37	7♊ 6	16°23	7°14	27°17	4°33	18°20	26°14	5°33	11°50	3°16	2° 9	21°20	29°34	F 18
S 19	0 28 40	5°13'45	19°19	17°21	8°26	27°56	4°38	18°24	26°17	5°33	11°49	3°12	2° 6	21°27	29°36	S 19
S 20	0 32 37	6°12'55	1♋18	18°26	9°39	28°34	4°43	18°27	26°19	5°32	11°48	3°D11	2° 3	21°34	29°38	S 20
M21	0 36 33	7°12'07	13° 9	19°37	10°52	29°13	4°47	18°31	26°22	5°31	11°47	3°11	1°59	21°40	29°40	M21
T 22	0 40 30	8°11'22	24°57	20°54	12° 4	29°52	4°52	18°34	26°25	5°31	11°46	3°12	1°56	21°47	29°43	T 22
W23	0 44 26	9°10'39	6♌47	22°16	13°17	0♎31	4°56	18°37	26°28	5°30	11°45	3°R12	1°53	21°53	29°45	W23
T 24	0 48 23	10° 9'59	18°45	23°42	14°30	1°11	5° 0	18°40	26°30	5°29	11°43	3°10	1°50	22° 0	29°47	T 24
F 25	0 52 19	11° 9'20	0♍55	25°12	15°42	1°50	5° 3	18°43	26°33	5°28	11°42	3° 7	1°47	22° 7	29°50	F 25
S 26	0 56 16	12° 8'44	13°20	26°45	16°55	2°29	5° 7	18°46	26°36	5°27	11°41	3° 1	1°43	22°13	29°52	S 26
S 27	1 0 13	13° 8'10	26° 3	28°20	18° 7	3° 8	5°10	18°49	26°39	5°26	11°40	2°52	1°40	22°20	29°55	S 27
M28	1 4 9	14° 7'38	9♎ 4	29°57	19°20	3°47	5°14	18°52	26°42	5°26	11°39	2°41	1°37	22°27	29°58	M28
T 29	1 8 6	15° 7'08	22°22	1♎36	20°32	4°26	5°17	18°54	26°45	5°25	11°38	2°29	1°34	22°33	0♑ 1	T 29
W30	1 12 2	16♎ 6'41	5♏56	3♎16	21♏45	5♎ 5	5♋20	18♋57	26♏48	5♊24	11♓37	2♒17	1♒31	22♋40	0♑ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n55	9s34	4s47	0s 4	3s36	6s 8	0n25	6n21	1n 0	23n 9	0s19	22n 4	0s21	19s 2	0n10	19n42	1s38	20s49	15s 0	19s10	19s31	23n17	16s52	6n37
W 2	4 32	14 52	5 5	0n33	3 24	6 39	0 23	6 5	1 0	23 9	0 19	22 3	0 21	19 3	0 10	19 42	1 38	20 49	15 0	19 12	19 32	23 15	16 53	6 37
T 3	4 9	19 33	5 7	1 11	3 9	7 9	0 20	5 50	1 0	23 9	0 19	22 2	0 21	19 3	0 10	19 42	1 38	20 50	15 0	19 13	19 33	23 13	16 53	6 36
F 4	3 46	23 18	4 52	1 51	2 53	7 39	0 17	5 35	1 0	23 9	0 19	22 2	0 21	19 4	0 10	19 42	1 38	20 50	15 0	19 14	19 34	23 12	16 54	6 36
S 5	3 23	25 47	4 20	2 31	2 35	8 10	0 14	5 19	0 59	23 9	0 19	22 1	0 20	19 4	0 10	19 42	1 38	20 51	15 0	19 15	19 34	23 10	16 54	6 35
S 6	3 0	26 43	3 33	3 10	2 16	8 39	0 11	5 4	0 59	23 9	0 19	22 1	0 20	19 5	0 10	19 41	1 38	20 51	15 0	19 15	19 35	23 8	16 55	6 35
M 7	2 37	25 56	2 32	3 48	1 57	9 9	0 8	4 48	0 59	23 9	0 18	22 0	0 20	19 5	0 10	19 41	1 38	20 52	15 0	19 15	19 36	23 6	16 55	6 34
T 8	2 13	23 28	1 21	4 23	1 37	9 39	0 5	4 33	0 58	23 9	0 18	22 0	0 20	19 6	0 10	19 41	1 38	20 52	15 0	19 15	19 37	23 4	16 56	6 34
W 9	1 50	19 30	0 4	4 55	1 17	10 8	0 2	4 17	0 58	23 8	0 18	21 59	0 20	19 6	0 10	19 41	1 38	20 52	15 0	19 15	19 37	23 2	16 56	6 33
T 10	1 27	14 21	1n13	5 24	0 57	10 37	0s 1	4 2	0 58	23 8	0 18	21 59	0 20	19 7	0 10	19 41	1 38	20 53	15 0	19 15	19 38	23 0	16 57	6 33
F 11	1 3	8 24	2 25	5 49	0 37	11 6	0 4	3 46	0 58	23 8	0 18	21 58	0 20	19 7	0 10	19 41	1 38	20 53	15 0	19 16	19 39	22 59	16 57	6 32
S 12	0 40	2 3	3 28	6 9	0 18	11 35	0 7	3 30	0 57	23 8	0 18	21 58	0 20	19 8	0 10	19 41	1 38	20 54	15 0	19 17	19 39	22 57	16 58	6 32
S 13	0 16	4n18	4 16	6 25	0 0	12 3	0 10	3 15	0 57	23 8	0 18	21 57	0 20	19 9	0 10	19 41	1 38	20 54	15 0	19 19	19 40	22 55	16 58	6 31
M14	0s 7	10 19	4 49	6 35	0n16	12 32	0 13	2 59	0 57	23 8	0 18	21 57	0 20	19 9	0 10	19 41	1 38	20 54	15 0	19 21	19 41	22 53	16 59	6 31
T 15	0 31	15 41	5 4	6 41	0 32	12 59	0 16	2 43	0 57	23 8	0 18	21 56	0 20	19 10	0 10	19 40	1 38	20 55	14 59	19 23	19 42	22 51	16 59	6 30
W16	0 54	20 10	5 2	6 42	0 46	13 27	0 19	2 28	0 56	23 8	0 18	21 56	0 20	19 10	0 10	19 40	1 38	20 55	14 59	19 25	19 42	22 49	17 0	6 30
T 17	1 18	23 34	4 45	6 37	0 59	13 54	0 22	2 12	0 56	23 7	0 18	21 55	0 20	19 11	0 10	19 40	1 38	20 55	14 59	19 27	19 43	22 47	17 0	6 29
F 18	1 41	25 43	4 14	6 29	1 11	14 21	0 25	1 56	0 56	23 7	0 18	21 55	0 20	19 12	0 10	19 40	1 38	20 56	14 59	19 28	19 44	22 45	17 1	6 29
S 19	2 5	26 36	3 32	6 15	1 21	14 48	0 28	1 40	0 55	23 7	0 18	21 54	0 20	19 12	0 10	19 40	1 39	20 56	14 59	19 29	19 44	22 43	17 1	6 29
S 20	2 28	26 11	2 42	5 58	1 30	15 14	0 31	1 25	0 55	23 7	0 18	21 54	0 20	19 13	0 10	19 40	1 39	20 56	14 59	19 30	19 45	22 42	17 2	6 28
M21	2 52	24 35	1 45	5 37	1 38	15 40	0 35	1 9	0 55	23 7	0 18	21 54	0 19	19 14	0 10	19 40	1 39	20 57	14 59	19 30	19 46	22 40	17 2	6 28
T 22	3 15	21 55	0 44	5 12	1 44	16 6	0 38	0 53	0 54	23 7	0 18	21 53	0 19	19 14	0 10	19 39	1 39	20 57	14 59	19 29	19 47	22 38	17 3	6 27
W23	3 39	18 19	0s19	4 45	1 49	16 31	0 41	0 37	0 54	23 7	0 17	21 53	0 19	19 15	0 10	19 39	1 39	20 57	14 59	19 29	19 47	22 36	17 3	6 27
T 24	4 2	13 57	1 22	4 14	1 53	16 56	0 44	0 21	0 54	23 7	0 17	21 52	0 19	19 15	0 10	19 39	1 39	20 58	14 58	19 30	19 48	22 34	17 4	6 26
F 25	4 25	8 58	2 22	3 41	1 56	17 20	0 47	0 5	0 53	23 7	0 17	21 52	0 19	19 16	0 10	19 39	1 39	20 58	14 58	19 30	19 49	22 32	17 4	6 26
S 26	4 49	3 33	3 16	3 6	1 57	17 44	0 50	0s11	0 53	23 7	0 17	21 52	0 19	19 17	0 10	19 39	1 39	20 58	14 58	19 32	19 49	22 30	17 5	6 25
S 27	5 12	2s 8	4 2	2 28	1 58	18 8	0 53	0 26	0 53	23 7	0 17	21 51	0 19	19 18	0 10	19 38	1 39	20 58	14 58	19 34	19 50	22 28	17 5	6 25
M28	5 35	7 50	4 37	1 50	1 58	18 31	0 57	0 42	0 52	23 7	0 17	21 51	0 19	19 18	0 10	19 38	1 39	20 59	14 58	19 36	19 51	22 26	17 6	6 24
T 29	5 58	13 19	4 57	1 10	1 58	18 53	1 0	0 58	0 52	23 6	0 17	21 51	0 19	19 19	0 10	19 38	1 39	20 59	14 58	19 39	19 52	22 24	17 6	6 24
W30	6s21	18s15	5s 1	0n28	1n56	19s15	1s 3	1s14	0n52	23n 6	0s17	21n51	0s19	19s20	0n10	19n38	1s39	20s59	14s57	19s42	19s52	22n22	17s 7	6n23

Julian Day Number = 2291821.5, Delta T = 153.14 sec
Ecliptic obliquity = 23°29'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'15, Lahiri = 17°45'16 Julian Calendar 1 Sept. 1562 == Greg. Calendar 11 Sept. 1562

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1562
geocentric

OCTOBER 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 15 59	17♎ 6'15	19♏42	4♎57	22♏57	5♎45	5♋22	18♋59	26♏51	5°R23	11°R36	2°R 6	1♒28	22♋47	0♑ 6	T 1
F 2	1 19 55	18° 5'51	3♐37	6°39	24°10	6°24	5°25	19° 2	26°54	5♊22	11♓35	1♒58	1°24	22°53	0° 9	F 2
S 3	1 23 52	19° 5'29	17°38	8°21	25°22	7° 3	5°27	19° 4	26°57	5°21	11°34	1°52	1°21	23° 0	0°13	S 3
S 4	1 27 48	20° 5'09	1♑42	10° 3	26°34	7°42	5°29	19° 6	27° 0	5°20	11°34	1°49	1°18	23° 7	0°16	S 4
M 5	1 31 45	21° 4'51	15°47	11°46	27°47	8°22	5°31	19° 8	27° 3	5°18	11°33	1°47	1°15	23°13	0°19	M 5
T 6	1 35 42	22° 4'34	29°53	13°28	28°59	9° 1	5°33	19°10	27° 7	5°17	11°32	1°47	1°12	23°20	0°22	T 6
W 7	1 39 38	23° 4'19	13♒58	15°11	0♐11	9°40	5°34	19°11	27°10	5°16	11°31	1°47	1° 9	23°27	0°26	W 7
T 8	1 43 35	24° 4'05	28° 3	16°53	1°23	10°20	5°36	19°13	27°13	5°15	11°30	1°45	1° 5	23°33	0°29	T 8
F 9	1 47 31	25° 3'53	12♓ 4	18°35	2°35	10°59	5°37	19°15	27°16	5°14	11°29	1°41	1° 2	23°40	0°33	F 9
S 10	1 51 28	26° 3'43	26° 0	20°16	3°48	11°38	5°38	19°16	27°20	5°13	11°28	1°33	0°59	23°46	0°36	S 10
S 11	1 55 24	27° 3'35	9♈47	21°57	5° 0	12°18	5°39	19°17	27°23	5°11	11°28	1°23	0°56	23°53	0°40	S 11
M12	1 59 21	28° 3'29	23°23	23°38	6°12	12°57	5°39	19°19	27°26	5°10	11°27	1°11	0°53	24° 0	0°44	M12
T 13	2 3 17	29° 3'24	6♉43	25°18	7°24	13°37	5°39	19°20	27°30	5° 9	11°26	0°57	0°49	24° 6	0°47	T 13
W14	2 7 14	0♏ 3'22	19°47	26°58	8°36	14°16	5°R40	19°21	27°33	5° 8	11°25	0°44	0°46	24°13	0°51	W14
T 15	2 11 11	1° 3'22	2♊31	28°38	9°47	14°56	5°39	19°22	27°36	5° 6	11°24	0°33	0°43	24°20	0°55	T 15
F 16	2 15 7	2° 3'24	14°58	0♏16	10°59	15°36	5°39	19°22	27°40	5° 5	11°24	0°24	0°40	24°26	0°59	F 16
S 17	2 19 4	3° 3'27	27° 9	1°55	12°11	16°15	5°39	19°23	27°43	5° 3	11°23	0°18	0°37	24°33	1° 3	S 17
S 18	2 23 0	4° 3'33	9♋ 7	3°33	13°23	16°55	5°38	19°24	27°47	5° 2	11°22	0°15	0°34	24°40	1° 7	S 18
M19	2 26 57	5° 3'41	20°57	5°11	14°34	17°34	5°37	19°24	27°50	5° 1	11°22	0°13	0°30	24°46	1°12	M19
T 20	2 30 53	6° 3'52	2♌45	6°48	15°46	18°14	5°36	19°24	27°54	4°59	11°21	0°13	0°27	24°53	1°16	T 20
W21	2 34 50	7° 4'04	14°35	8°25	16°58	18°54	5°35	19°24	27°57	4°58	11°20	0°13	0°24	25° 0	1°20	W21
T 22	2 38 46	8° 4'18	26°33	10° 1	18° 9	19°34	5°33	19°R25	28° 1	4°56	11°20	0°12	0°21	25° 6	1°24	T 22
F 23	2 42 43	9° 4'34	8♍45	11°37	19°21	20°13	5°32	19°25	28° 4	4°55	11°19	0° 9	0°18	25°13	1°29	F 23
S 24	2 46 40	10° 4'52	21°15	13°12	20°32	20°53	5°30	19°24	28° 8	4°53	11°19	0° 3	0°15	25°19	1°33	S 24
S 25	2 50 36	11° 5'12	4♎ 6	14°48	21°43	21°33	5°28	19°24	28°11	4°52	11°18	29♑54	0°11	25°26	1°38	S 25
M26	2 54 33	12° 5'35	17°20	16°23	22°55	22°13	5°26	19°24	28°15	4°50	11°18	29°43	0° 8	25°33	1°42	M26
T 27	2 58 29	13° 5'58	0♏57	17°57	24° 6	22°53	5°23	19°23	28°18	4°49	11°17	29°31	0° 5	25°39	1°47	T 27
W28	3 2 26	14° 6'24	14°55	19°31	25°17	23°33	5°21	19°23	28°22	4°47	11°17	29°19	0° 2	25°46	1°52	W28
T 29	3 6 22	15° 6'52	29° 7	21° 5	26°28	24°13	5°18	19°22	28°26	4°46	11°16	29° 8	29♑59	25°53	1°56	T 29
F 30	3 10 19	16° 7'21	13♐30	22°39	27°40	24°53	5°15	19°21	28°29	4°44	11°16	28°59	29°55	25°59	2° 1	F 30
S 31	3 14 15	17♏ 7'52	27♐56	24♏12	28♐51	25♎33	5♋11	19♋20	28♏33	4♊43	11♓16	28♑53	29♑52	26♋ 6	2♑ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s44	22s19	4s48	0s14	1n54	19s37	1s 6	1s30	0n51	23n 6	0s17	21n50	0s19	19s20	0n10	19n38	1s39	20s59	14s57	19s44	19s53	22n20	17s 7	6n23
F 2	7 7	25 8	4 17	0 56	1 51	19 58	1 9	1 46	0 51	23 6	0 17	21 50	0 19	19 21	0 10	19 37	1 39	21 0	14 57	19 46	19 54	22 18	17 7	6 22
S 3	7 30	26 25	3 31	1 40	1 48	20 19	1 12	2 2	0 51	23 6	0 17	21 50	0 19	19 22	0 10	19 37	1 39	21 0	14 57	19 48	19 54	22 16	17 8	6 22
S 4	7 52	26 1	2 32	2 23	1 44	20 39	1 15	2 18	0 50	23 6	0 17	21 50	0 19	19 23	0 10	19 37	1 39	21 0	14 57	19 48	19 55	22 14	17 8	6 22
M 5	8 15	23 57	1 24	3 7	1 40	20 59	1 18	2 33	0 50	23 6	0 17	21 49	0 19	19 23	0 10	19 37	1 39	21 0	14 56	19 49	19 56	22 12	17 9	6 21
T 6	8 37	20 23	0 10	3 51	1 36	21 18	1 21	2 49	0 50	23 6	0 17	21 49	0 19	19 24	0 10	19 37	1 39	21 0	14 56	19 49	19 56	22 10	17 9	6 21
W 7	8 59	15 39	1n 4	4 36	1 31	21 36	1 24	3 5	0 49	23 6	0 17	21 49	0 18	19 25	0 10	19 36	1 39	21 0	14 56	19 49	19 57	22 8	17 10	6 20
T 8	9 21	10 5	2 14	5 20	1 26	21 54	1 27	3 21	0 49	23 6	0 16	21 49	0 18	19 26	0 10	19 36	1 39	21 1	14 56	19 49	19 58	22 6	17 10	6 20
F 9	9 43	4 2	3 16	6 3	1 20	22 12	1 30	3 37	0 49	23 6	0 16	21 49	0 18	19 26	0 10	19 36	1 39	21 1	14 56	19 50	19 59	22 4	17 10	6 19
S 10	10 5	2n 9	4 5	6 47	1 15	22 28	1 32	3 52	0 48	23 6	0 16	21 48	0 18	19 27	0 10	19 36	1 39	21 1	14 55	19 52	19 59	22 2	17 11	6 19
S 11	10 27	8 10	4 39	7 30	1 9	22 45	1 35	4 8	0 48	23 6	0 16	21 48	0 18	19 28	0 10	19 35	1 39	21 1	14 55	19 54	20 0	22 0	17 11	6 19
M12	10 49	13 42	4 57	8 13	1 3	23 0	1 38	4 24	0 48	23 6	0 16	21 48	0 18	19 29	0 10	19 35	1 39	21 1	14 55	19 57	20 1	21 58	17 12	6 18
T 13	11 10	18 29	4 59	8 56	0 57	23 15	1 41	4 40	0 47	23 7	0 16	21 48	0 18	19 29	0 10	19 35	1 39	21 1	14 55	20 0	20 1	21 56	17 12	6 18
W14	11 31	22 17	4 44	9 38	0 50	23 29	1 43	4 55	0 47	23 7	0 16	21 48	0 18	19 30	0 10	19 35	1 39	21 1	14 54	20 2	20 2	21 54	17 12	6 17
T 15	11 52	24 53	4 15	10 20	0 44	23 43	1 46	5 11	0 46	23 7	0 16	21 48	0 18	19 31	0 10	19 34	1 39	21 1	14 54	20 5	20 3	21 52	17 13	6 17
F 16	12 13	26 13	3 35	11 1	0 37	23 56	1 49	5 27	0 46	23 7	0 16	21 48	0 18	19 32	0 10	19 34	1 40	21 1	14 54	20 7	20 3	21 50	17 13	6 17
S 17	12 34	26 13	2 46	11 41	0 31	24 9	1 51	5 42	0 46	23 7	0 16	21 48	0 18	19 32	0 10	19 34	1 40	21 1	14 54	20 8	20 4	21 48	17 13	6 16
S 18	12 54	25 0	1 49	12 21	0 24	24 20	1 54	5 58	0 45	23 7	0 16	21 48	0 18	19 33	0 10	19 33	1 40	21 1	14 53	20 9	20 5	21 46	17 14	6 16
M19	13 14	22 40	0 49	13 0	0 18	24 31	1 56	6 13	0 45	23 7	0 16	21 48	0 18	19 34	0 10	19 33	1 40	21 1	14 53	20 9	20 5	21 44	17 14	6 16
T 20	13 34	19 23	0s13	13 39	0 11	24 42	1 58	6 29	0 44	23 7	0 15	21 48	0 18	19 35	0 10	19 33	1 40	21 1	14 53	20 9	20 6	21 42	17 14	6 15
W21	13 54	15 18	1 15	14 17	0 4	24 51	2 1	6 44	0 44	23 7	0 15	21 48	0 18	19 36	0 10	19 33	1 40	21 1	14 53	20 9	20 7	21 40	17 15	6 15
T 22	14 14	10 35	2 15	14 54	0s 3	25 0	2 3	7 0	0 44	23 8	0 15	21 48	0 17	19 36	0 10	19 32	1 40	21 1	14 52	20 9	20 8	21 38	17 15	6 14
F 23	14 33	5 23	3 9	15 30	0 9	25 9	2 5	7 15	0 43	23 8	0 15	21 48	0 17	19 37	0 10	19 32	1 40	21 1	14 52	20 10	20 8	21 36	17 15	6 14
S 24	14 53	0s 8	3 56	16 6	0 16	25 16	2 7	7 31	0 43	23 8	0 15	21 48	0 17	19 38	0 10	19 32	1 40	21 1	14 52	20 11	20 9	21 34	17 16	6 14
S 25	15 11	5 47	4 32	16 40	0 23	25 23	2 9	7 46	0 42	23 8	0 15	21 48	0 17	19 39	0 10	19 31	1 40	21 1	14 52	20 13	20 10	21 31	17 16	6 13
M26	15 30	11 21	4 54	17 14	0 29	25 29	2 11	8 1	0 42	23 8	0 15	21 48	0 17	19 40	0 10	19 31	1 40	21 1	14 51	20 15	20 10	21 29	17 16	6 13
T 27	15 49	16 32	5 1	17 47	0 36	25 35	2 13	8 16	0 42	23 8	0 15	21 49	0 17	19 40	0 10	19 31	1 40	21 1	14 51	20 18	20 11	21 27	17 16	6 13
W28	16 7	20 58	4 50	18 20	0 42	25 39	2 15	8 32	0 41	23 9	0 15	21 49	0 17	19 41	0 10	19 31	1 40	21 1	14 51	20 21	20 12	21 25	17 17	6 13
T 29	16 25	24 16	4 21	18 51	0 48	25 43	2 16	8 47	0 41	23 9	0 15	21 49	0 17	19 42	0 10	19 30	1 40	21 1	14 50	20 23	20 12	21 23	17 17	6 12
F 30	16 42	26 3	3 36	19 21	0 55	25 47	2 18	9 2	0 40	23 9	0 15	21 49	0 17	19 43	0 10	19 30	1 40	21 1	14 50	20 25	20 13	21 21	17 17	6 12
S 31	16s59	26s 5	2s36	19s51	1s 1	25s49	2s20	9s17	0n40	23n 9	0s14	21n49	0s17	19s44	0n10	19n30	1s40	21s 1	14s50	20s26	20s14	21n19	17s17	6n12

Julian Day Number = 2291851.5, Delta T = 152.97 sec
Ecliptic obliquity = 23°29'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'19, Lahiri = 17°45'20 Julian Calendar 1 Oct. 1562 == Greg. Calendar 11 Oct. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

NOVEMBER 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 18 12	18♏ 8'24	12♑21	25♏46	0♑ 1	26♎13	5°R 8	19°R19	28♏37	4°R41	11°R15	28°R49	29♑49	26♋13	2♑11	S 1
M 2	3 22 9	19° 8'57	26°40	27°19	1°12	26°53	5♋ 4	19♋18	28°40	4♊39	11♓15	28°D48	29°46	26°19	2°16	M 2
T 3	3 26 5	20° 9'31	10♒50	28°51	2°23	27°33	5° 1	19°17	28°44	4°38	11°15	28♑49	29°43	26°26	2°21	T 3
W 4	3 30 2	21°10'07	24°52	0♐24	3°34	28°13	4°57	19°15	28°48	4°36	11°14	28°R49	29°40	26°33	2°26	W 4
T 5	3 33 58	22°10'44	8♓44	1°56	4°44	28°53	4°52	19°14	28°51	4°34	11°14	28°47	29°36	26°39	2°31	T 5
F 6	3 37 55	23°11'22	22°27	3°28	5°55	29°33	4°48	19°12	28°55	4°33	11°14	28°44	29°33	26°46	2°36	F 6
S 7	3 41 51	24°12'01	5♈59	5° 0	7° 5	0♏13	4°43	19°11	28°59	4°31	11°14	28°38	29°30	26°53	2°41	S 7
S 8	3 45 48	25°12'41	19°21	6°32	8°16	0°53	4°39	19° 9	29° 2	4°29	11°13	28°29	29°27	26°59	2°46	S 8
M 9	3 49 44	26°13'22	2♉32	8° 3	9°26	1°34	4°34	19° 7	29° 6	4°28	11°13	28°19	29°24	27° 6	2°51	M 9
T 10	3 53 41	27°14'05	15°31	9°34	10°36	2°14	4°29	19° 5	29°10	4°26	11°13	28° 7	29°21	27°12	2°57	T 10
W11	3 57 38	28°14'49	28°15	11° 5	11°46	2°54	4°24	19° 3	29°13	4°24	11°13	27°56	29°17	27°19	3° 2	W11
T 12	4 1 34	29°15'35	10♊46	12°36	12°56	3°34	4°18	19° 1	29°17	4°23	11°13	27°46	29°14	27°26	3° 7	T 12
F 13	4 5 31	0♐16'22	23° 4	14° 6	14° 6	4°15	4°13	18°58	29°21	4°21	11°13	27°38	29°11	27°32	3°13	F 13
S 14	4 9 27	1°17'10	5♋ 9	15°36	15°16	4°55	4° 7	18°56	29°24	4°19	11°13	27°33	29° 8	27°39	3°18	S 14
S 15	4 13 24	2°17'59	17° 4	17° 6	16°25	5°36	4° 1	18°53	29°28	4°18	11°13	27°30	29° 5	27°46	3°23	S 15
M16	4 17 20	3°18'50	28°53	18°36	17°35	6°16	3°55	18°51	29°32	4°16	11°D13	27°D30	29° 1	27°52	3°29	M16
T 17	4 21 17	4°19'42	10♌40	20° 5	18°44	6°56	3°49	18°48	29°36	4°14	11°13	27°30	28°58	27°59	3°34	T 17
W18	4 25 13	5°20'36	22°29	21°33	19°53	7°37	3°43	18°45	29°39	4°12	11°13	27°32	28°55	28° 6	3°40	W18
T 19	4 29 10	6°21'31	4♍25	23° 1	21° 2	8°17	3°36	18°42	29°43	4°11	11°13	27°R32	28°52	28°12	3°46	T 19
F 20	4 33 7	7°22'27	16°35	24°28	22°11	8°58	3°30	18°39	29°47	4° 9	11°13	27°32	28°49	28°19	3°51	F 20
S 21	4 37 3	8°23'24	29° 3	25°55	23°20	9°39	3°23	18°36	29°50	4° 7	11°13	27°30	28°46	28°26	3°57	S 21
S 22	4 41 0	9°24'23	11♎54	27°20	24°29	10°19	3°16	18°33	29°54	4° 6	11°13	27°25	28°42	28°32	4° 2	S 22
M23	4 44 56	10°25'22	25°11	28°45	25°37	11° 0	3° 9	18°30	29°58	4° 4	11°13	27°19	28°39	28°39	4° 8	M23
T 24	4 48 53	11°26'24	8♏54	0♑ 8	26°46	11°40	3° 2	18°26	0♐ 1	4° 2	11°13	27°11	28°36	28°45	4°14	T 24
W25	4 52 49	12°27'26	23° 3	1°30	27°54	12°21	2°55	18°23	0° 5	4° 1	11°14	27° 4	28°33	28°52	4°20	W25
T 26	4 56 46	13°28'29	7♐33	2°50	29° 2	13° 2	2°48	18°19	0° 9	3°59	11°14	26°56	28°30	28°59	4°25	T 26
F 27	5 0 42	14°29'33	22°19	4° 7	0♒10	13°43	2°41	18°16	0°12	3°57	11°14	26°51	28°27	29° 5	4°31	F 27
S 28	5 4 39	15°30'38	7♑11	5°23	1°18	14°23	2°33	18°12	0°16	3°56	11°15	26°47	28°23	29°12	4°37	S 28
S 29	5 8 36	16°31'43	22° 2	6°36	2°25	15° 4	2°26	18° 8	0°19	3°54	11°15	26°D46	28°20	29°19	4°43	S 29
M30	5 12 32	17♐32'49	6♒44	7♑45	3♒33	15♏45	2♋18	18♋ 4	0♐23	3♊52	11♓15	26♑46	28♑17	29♋25	4♑49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s16	24s21	1s26	20s19	1s 7	25s51	2s21	9s32	0n39	23n 9	0s14	21n50	0s17	19s45	0n10	19n29	1s40	21s 1	14s50	20s27	20s14	21n17	17s17	6n11
M 2	17 33	21 4	0 11	20 47	1 13	25 52	2 22	9 47	0 39	23 10	0 14	21 50	0 17	19 45	0 10	19 29	1 40	21 0	14 49	20 27	20 15	21 15	17 18	6 11
T 3	17 50	16 32	1n 4	21 13	1 18	25 52	2 24	10 1	0 39	23 10	0 14	21 50	0 17	19 46	0 10	19 29	1 40	21 0	14 49	20 27	20 16	21 12	17 18	6 11
W 4	18 6	11 9	2 14	21 39	1 24	25 52	2 25	10 16	0 38	23 10	0 14	21 50	0 17	19 47	0 10	19 28	1 40	21 0	14 49	20 27	20 16	21 10	17 18	6 10
T 5	18 21	5 17	3 16	22 3	1 29	25 51	2 26	10 31	0 38	23 10	0 14	21 51	0 16	19 48	0 10	19 28	1 40	21 0	14 48	20 27	20 17	21 8	17 18	6 10
F 6	18 37	0n45	4 5	22 27	1 34	25 49	2 27	10 46	0 37	23 11	0 14	21 51	0 16	19 49	0 10	19 28	1 40	21 0	14 48	20 28	20 18	21 6	17 18	6 10
S 7	18 52	6 40	4 40	22 49	1 40	25 46	2 28	11 0	0 37	23 11	0 14	21 51	0 16	19 49	0 10	19 28	1 40	21 0	14 48	20 29	20 18	21 4	17 19	6 10
S 8	19 7	12 13	5 0	23 10	1 44	25 43	2 29	11 15	0 36	23 11	0 14	21 52	0 16	19 50	0 10	19 27	1 40	20 59	14 47	20 31	20 19	21 2	17 19	6 9
M 9	19 21	17 7	5 3	23 30	1 49	25 39	2 29	11 29	0 36	23 12	0 14	21 52	0 16	19 51	0 9	19 27	1 40	20 59	14 47	20 33	20 20	21 0	17 19	6 9
T 10	19 35	21 8	4 50	23 48	1 53	25 34	2 30	11 43	0 35	23 12	0 13	21 52	0 16	19 52	0 9	19 27	1 40	20 59	14 47	20 35	20 20	20 57	17 19	6 9
W11	19 49	24 5	4 23	24 6	1 58	25 28	2 31	11 58	0 35	23 12	0 13	21 53	0 16	19 53	0 9	19 26	1 40	20 59	14 46	20 38	20 21	20 55	17 19	6 9
T 12	20 2	25 48	3 43	24 22	2 1	25 22	2 31	12 12	0 34	23 12	0 13	21 53	0 16	19 53	0 10	19 26	1 40	20 58	14 46	20 39	20 22	20 53	17 19	6 9
F 13	20 15	26 12	2 54	24 37	2 5	25 15	2 31	12 26	0 34	23 13	0 13	21 53	0 16	19 54	0 9	19 26	1 40	20 58	14 46	20 41	20 22	20 51	17 19	6 8
S 14	20 28	25 21	1 57	24 51	2 8	25 8	2 31	12 40	0 33	23 13	0 13	21 54	0 16	19 55	0 9	19 25	1 40	20 58	14 46	20 42	20 23	20 49	17 19	6 8
S 15	20 40	23 20	0 56	25 3	2 11	24 59	2 31	12 54	0 33	23 13	0 13	21 54	0 16	19 56	0 9	19 25	1 40	20 58	14 45	20 43	20 24	20 47	17 19	6 8
M16	20 52	20 19	0s 8	25 14	2 14	24 50	2 31	13 8	0 33	23 14	0 13	21 55	0 16	19 57	0 9	19 25	1 40	20 57	14 45	20 43	20 24	20 44	17 19	6 8
T 17	21 4	16 29	1 10	25 23	2 16	24 41	2 31	13 22	0 32	23 14	0 13	21 55	0 15	19 58	0 9	19 24	1 40	20 57	14 45	20 43	20 25	20 42	17 19	6 8
W18	21 15	12 0	2 11	25 31	2 18	24 30	2 31	13 35	0 32	23 14	0 13	21 56	0 15	19 58	0 9	19 24	1 40	20 57	14 44	20 42	20 26	20 40	17 19	6 7
T 19	21 25	7 2	3 6	25 38	2 19	24 20	2 31	13 49	0 31	23 14	0 12	21 56	0 15	19 59	0 9	19 24	1 40	20 56	14 44	20 42	20 26	20 38	17 20	6 7
F 20	21 36	1 43	3 54	25 43	2 20	24 8	2 30	14 2	0 30	23 15	0 12	21 57	0 15	20 0	0 9	19 24	1 40	20 56	14 44	20 42	20 27	20 36	17 20	6 7
S 21	21 45	3s46	4 32	25 47	2 21	23 56	2 29	14 16	0 30	23 15	0 12	21 57	0 15	20 1	0 9	19 23	1 40	20 56	14 43	20 43	20 27	20 33	17 20	6 7
S 22	21 55	9 16	4 57	25 49	2 21	23 43	2 29	14 29	0 29	23 15	0 12	21 58	0 15	20 2	0 9	19 23	1 40	20 55	14 43	20 44	20 28	20 31	17 20	6 7
M23	22 4	14 32	5 8	25 50	2 20	23 29	2 28	14 42	0 29	23 16	0 12	21 58	0 15	20 2	0 9	19 23	1 40	20 55	14 43	20 45	20 29	20 29	17 19	6 7
T 24	22 12	19 16	5 2	25 49	2 19	23 15	2 27	14 55	0 28	23 16	0 12	21 59	0 15	20 3	0 9	19 22	1 40	20 55	14 42	20 46	20 29	20 27	17 19	6 7
W25	22 21	23 3	4 38	25 47	2 18	23 0	2 25	15 8	0 28	23 16	0 12	21 59	0 15	20 4	0 9	19 22	1 40	20 54	14 42	20 48	20 30	20 24	17 19	6 6
T 26	22 28	25 29	3 55	25 43	2 15	22 45	2 24	15 21	0 27	23 16	0 12	22 0	0 15	20 5	0 9	19 22	1 40	20 54	14 42	20 49	20 31	20 22	17 19	6 6
F 27	22 36	26 12	2 56	25 38	2 12	22 29	2 23	15 34	0 27	23 17	0 11	22 0	0 15	20 5	0 9	19 21	1 40	20 54	14 41	20 50	20 31	20 20	17 19	6 6
S 28	22 42	25 2	1 44	25 31	2 8	22 13	2 21	15 47	0 26	23 17	0 11	22 1	0 15	20 6	0 9	19 21	1 40	20 53	14 41	20 51	20 32	20 18	17 19	6 6
S 29	22 49	22 7	0 26	25 23	2 3	21 56	2 20	15 59	0 26	23 17	0 11	22 2	0 14	20 7	0 9	19 21	1 40	20 53	14 41	20 51	20 33	20 15	17 19	6 6
M30	22s55	17s46	0n54	25s14	1s58	21s38	2s18	16s12	0n25	23n18	0s11	22n 2	0s14	20s 8	0n 9	19n21	1s40	20s52	14s40	20s51	20s33	20n13	17s19	6n 6

Julian Day Number = 2291882.5, Delta T = 152.80 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'24, Lahiri = 17°45'24 Julian Calendar 1 Nov. 1562 == Greg. Calendar 11 Nov. 1562

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ASTRODIENST EPHEMERIS for the year 1562
geocentric

DECEMBER 1562 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 16 29	18♐33'55	21♒14	8♑51	4♒40	16♏26	2°R10	18°R 0	0♐26	3°R51	11♓16	26♑47	28♑14	29♋32	4♑55	T 1
W 2	5 20 25	19°35'02	5♓26	9°52	5°47	17° 7	2♋ 3	17♋56	0°30	3♊49	11°16	26°49	28°11	29°39	5° 0	W 2
T 3	5 24 22	20°36'08	19°21	10°48	6°54	17°48	1°55	17°52	0°34	3°47	11°16	26°R49	28° 7	29°45	5° 6	T 3
F 4	5 28 18	21°37'15	2♈57	11°39	8° 0	18°29	1°47	17°48	0°37	3°46	11°17	26°49	28° 4	29°52	5°12	F 4
S 5	5 32 15	22°38'22	16°17	12°22	9° 6	19°10	1°39	17°44	0°41	3°44	11°17	26°46	28° 1	29°59	5°18	S 5
S 6	5 36 12	23°39'30	29°22	12°59	10°12	19°51	1°31	17°40	0°44	3°43	11°18	26°43	27°58	0♌ 5	5°24	S 6
M 7	5 40 8	24°40'38	12♉12	13°27	11°18	20°32	1°23	17°36	0°48	3°41	11°18	26°38	27°55	0°12	5°30	M 7
T 8	5 44 5	25°41'45	24°49	13°46	12°24	21°13	1°15	17°31	0°51	3°40	11°19	26°32	27°52	0°19	5°36	T 8
W 9	5 48 1	26°42'54	7♊15	13°R55	13°29	21°54	1° 7	17°27	0°54	3°38	11°19	26°27	27°48	0°25	5°42	W 9
T 10	5 51 58	27°44'02	19°29	13°53	14°34	22°35	0°59	17°22	0°58	3°37	11°20	26°22	27°45	0°32	5°48	T 10
F 11	5 55 54	28°45'11	1♋35	13°40	15°39	23°16	0°51	17°18	1° 1	3°35	11°21	26°18	27°42	0°38	5°54	F 11
S 12	5 59 51	29°46'20	13°32	13°14	16°43	23°57	0°42	17°13	1° 5	3°34	11°21	26°16	27°39	0°45	6° 0	S 12
S 13	6 3 47	0♑47'29	25°23	12°37	17°48	24°38	0°34	17° 9	1° 8	3°32	11°22	26°D15	27°36	0°52	6° 6	S 13
M14	6 7 44	1°48'38	7♌11	11°49	18°51	25°20	0°26	17° 4	1°11	3°31	11°23	26°16	27°33	0°58	6°12	M14
T 15	6 11 41	2°49'48	18°58	10°50	19°55	26° 1	0°18	16°59	1°15	3°29	11°23	26°17	27°29	1° 5	6°18	T 15
W16	6 15 37	3°50'58	0♍47	9°43	20°58	26°42	0°10	16°54	1°18	3°28	11°24	26°19	27°26	1°12	6°24	W16
T 17	6 19 34	4°52'08	12°44	8°28	22° 1	27°24	0° 2	16°50	1°21	3°26	11°25	26°20	27°23	1°18	6°30	T 17
F 18	6 23 30	5°53'19	24°52	7° 9	23° 4	28° 5	29♊54	16°45	1°24	3°25	11°25	26°22	27°20	1°25	6°36	F 18
S 19	6 27 27	6°54'29	7♎16	5°48	24° 6	28°46	29°46	16°40	1°28	3°24	11°26	26°R22	27°17	1°32	6°42	S 19
S 20	6 31 23	7°55'40	20° 1	4°27	25° 8	29°28	29°38	16°35	1°31	3°22	11°27	26°22	27°13	1°38	6°48	S 20
M21	6 35 20	8°56'52	3♏11	3°10	26° 9	0♐ 9	29°30	16°30	1°34	3°21	11°28	26°20	27°10	1°45	6°54	M21
T 22	6 39 16	9°58'03	16°48	1°58	27°10	0°51	29°22	16°25	1°37	3°20	11°29	26°18	27° 7	1°52	7° 0	T 22
W23	6 43 13	10°59'15	0♐53	0°53	28°11	1°32	29°14	16°21	1°40	3°18	11°30	26°16	27° 4	1°58	7° 6	W23
T 24	6 47 10	12° 0'26	15°24	29♐57	29°11	2°14	29° 6	16°16	1°43	3°17	11°31	26°14	27° 1	2° 5	7°12	T 24
F 25	6 51 6	13° 1'38	0♑16	29°11	0♓11	2°55	28°59	16°11	1°46	3°16	11°31	26°13	26°58	2°12	7°18	F 25
S 26	6 55 3	14° 2'49	15°22	28°34	1°10	3°37	28°51	16° 6	1°49	3°15	11°32	26°12	26°54	2°18	7°24	S 26
S 27	6 58 59	15° 4'00	0♒33	28° 7	2° 9	4°18	28°43	16° 1	1°52	3°13	11°33	26°D12	26°51	2°25	7°30	S 27
M28	7 2 56	16° 5'10	15°38	27°50	3° 7	5° 0	28°36	15°56	1°55	3°12	11°34	26°12	26°48	2°31	7°36	M28
T 29	7 6 52	17° 6'20	0♓30	27°D42	4° 5	5°42	28°29	15°51	1°58	3°11	11°35	26°13	26°45	2°38	7°42	T 29
W30	7 10 49	18° 7'29	15° 2	27°43	5° 2	6°23	28°21	15°46	2° 1	3°10	11°36	26°14	26°42	2°45	7°48	W30
T 31	7 14 45	19♑ 8'37	29♓11	27♐52	5♓59	7♐ 5	28♊14	15♋41	2♐ 4	3♊ 9	11♓37	26♑14	26♑39	2♌51	7♑54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 0	12s25	2n 9	25s 3	1s51	21s20	2s16	16s24	0n25	23n18	0s11	22n 3	0s14	20s 8	0n 9	19n20	1s40	20s52	14s40	20s51	20s34	20n11	17s19	6n 6	T 1
W 2	23 5	6 31	3 15	24 51	1 43	21 2	2 14	16 36	0 24	23 18	0 11	22 3	0 14	20 9	0 9	19 20	1 40	20 51	14 40	20 51	20 35	20 9	17 19	6 6	W 2
T 3	23 10	0 26	4 8	24 38	1 35	20 43	2 11	16 48	0 24	23 18	0 11	22 4	0 14	20 10	0 9	19 20	1 40	20 51	14 39	20 51	20 35	20 6	17 19	6 6	T 3
F 4	23 14	5n33	4 46	24 24	1 25	20 23	2 9	17 0	0 23	23 19	0 11	22 5	0 14	20 11	0 9	19 19	1 40	20 50	14 39	20 51	20 36	20 4	17 18	6 6	F 4
S 5	23 18	11 8	5 7	24 9	1 14	20 3	2 6	17 12	0 22	23 19	0 10	22 5	0 14	20 11	0 9	19 19	1 40	20 50	14 39	20 51	20 36	20 2	17 18	6 6	S 5
S 6	23 21	16 8	5 12	23 53	1 1	19 43	2 4	17 23	0 22	23 19	0 10	22 6	0 14	20 12	0 9	19 19	1 40	20 50	14 39	20 52	20 37	20 0	17 18	6 5	S 6
M 7	23 23	20 18	5 1	23 37	0 48	19 22	2 1	17 35	0 21	23 19	0 10	22 7	0 14	20 13	0 9	19 19	1 40	20 49	14 38	20 53	20 38	19 57	17 18	6 5	M 7
T 8	23 26	23 28	4 35	23 20	0 33	19 1	1 58	17 46	0 21	23 20	0 10	22 7	0 14	20 14	0 9	19 18	1 39	20 49	14 38	20 54	20 38	19 55	17 18	6 5	T 8
W 9	23 27	25 28	3 57	23 3	0 17	18 39	1 55	17 58	0 20	23 20	0 10	22 8	0 13	20 14	0 9	19 18	1 39	20 48	14 38	20 55	20 39	19 53	17 17	6 5	W 9
T 10	23 29	26 12	3 8	22 46	0n 0	18 17	1 52	18 9	0 19	23 20	0 10	22 9	0 13	20 15	0 9	19 18	1 39	20 48	14 37	20 56	20 40	19 50	17 17	6 5	T 10
F 11	23 29	25 41	2 12	22 30	0 18	17 54	1 48	18 20	0 19	23 20	0 10	22 9	0 13	20 16	0 9	19 18	1 39	20 47	14 37	20 57	20 40	19 48	17 17	6 5	F 11
S 12	23 30	23 57	1 9	22 13	0 37	17 31	1 45	18 31	0 18	23 20	0 9	22 10	0 13	20 16	0 9	19 17	1 39	20 47	14 37	20 57	20 41	19 46	17 17	6 5	S 12
S 13	23 30	21 11	0 5	21 57	0 57	17 8	1 41	18 41	0 18	23 21	0 9	22 11	0 13	20 17	0 9	19 17	1 39	20 46	14 36	20 57	20 42	19 44	17 16	6 5	S 13
M14	23 29	17 33	1s 0	21 42	1 16	16 45	1 37	18 52	0 17	23 21	0 9	22 11	0 13	20 18	0 9	19 17	1 39	20 45	14 36	20 57	20 42	19 41	17 16	6 5	M14
T 15	23 28	13 14	2 2	21 28	1 36	16 21	1 33	19 2	0 16	23 21	0 9	22 12	0 13	20 18	0 9	19 17	1 39	20 45	14 36	20 57	20 43	19 39	17 16	6 5	T 15
W16	23 26	8 25	2 59	21 14	1 55	15 56	1 29	19 13	0 16	23 21	0 9	22 13	0 13	20 19	0 9	19 16	1 39	20 44	14 36	20 56	20 43	19 37	17 15	6 5	W16
T 17	23 24	3 16	3 49	21 1	2 13	15 32	1 24	19 23	0 15	23 21	0 9	22 14	0 13	20 20	0 9	19 16	1 39	20 44	14 35	20 56	20 44	19 34	17 15	6 5	T 17
F 18	23 22	2s 5	4 30	20 50	2 29	15 7	1 20	19 33	0 15	23 21	0 9	22 14	0 13	20 20	0 9	19 16	1 39	20 43	14 35	20 56	20 45	19 32	17 15	6 6	F 18
S 19	23 19	7 28	4 59	20 39	2 43	14 42	1 15	19 42	0 14	23 21	0 8	22 15	0 12	20 21	0 9	19 16	1 39	20 43	14 35	20 56	20 45	19 30	17 14	6 6	S 19
S 20	23 16	12 42	5 15	20 30	2 55	14 17	1 10	19 52	0 13	23 22	0 8	22 16	0 12	20 22	0 9	19 16	1 39	20 42	14 34	20 56	20 46	19 27	17 14	6 6	S 20
M21	23 12	17 31	5 14	20 23	3 5	13 51	1 5	20 2	0 13	23 22	0 8	22 16	0 12	20 22	0 9	19 15	1 39	20 42	14 34	20 56	20 47	19 25	17 14	6 6	M21
T 22	23 7	21 38	4 57	20 17	3 12	13 26	1 0	20 11	0 12	23 22	0 8	22 17	0 12	20 23	0 9	19 15	1 39	20 41	14 34	20 56	20 47	19 23	17 13	6 6	T 22
W23	23 2	24 38	4 21	20 13	3 16	13 0	0 55	20 20	0 11	23 22	0 8	22 18	0 12	20 24	0 9	19 15	1 39	20 40	14 34	20 57	20 48	19 20	17 13	6 6	W23
T 24	22 57	26 8	3 27	20 11	3 18	12 34	0 49	20 29	0 11	23 22	0 8	22 18	0 12	20 24	0 9	19 15	1 39	20 40	14 33	20 57	20 48	19 18	17 13	6 6	T 24
F 25	22 51	25 49	2 19	20 11	3 19	12 7	0 44	20 38	0 10	23 22	0 7	22 19	0 12	20 25	0 9	19 15	1 39	20 39	14 33	20 58	20 49	19 16	17 12	6 6	F 25
S 26	22 45	23 36	1 0	20 13	3 17	11 41	0 38	20 46	0 9	23 22	0 7	22 20	0 12	20 26	0 9	19 14	1 39	20 39	14 33	20 58	20 50	19 13	17 12	6 6	S 26
S 27	22 39	19 41	0n24	20 16	3 13	11 14	0 32	20 55	0 9	23 22	0 7	22 21	0 12	20 26	0 9	19 14	1 39	20 38	14 33	20 58	20 50	19 11	17 11	6 6	S 27
M28	22 32	14 30	1 46	20 21	3 8	10 47	0 26	21 3	0 8	23 22	0 7	22 21	0 11	20 27	0 9	19 14	1 39	20 37	14 32	20 58	20 51	19 9	17 11	6 6	M28
T 29	22 24	8 32	2 59	20 27	3 2	10 21	0 20	21 11	0 7	23 22	0 7	22 22	0 11	20 27	0 9	19 14	1 39	20 37	14 32	20 58	20 51	19 6	17 10	6 7	T 29
W30	22 16	2 14	3 59	20 34	2 55	9 54	0 13	21 19	0 7	23 23	0 7	22 23	0 11	20 28	0 9	19 14	1 39	20 36	14 32	20 57	20 52	19 4	17 10	6 7	W30
T 31	22s 8	4n 0	4n43	20s42	2n47	9s27	0s 7	21s27	0n 6	23n23	0s 7	22n23	0s11	20s28	0n 9	19n13	1s39	20s35	14s32	20s57	20s53	19n 1	17s 9	6n 7	T 31

Julian Day Number = 2291912.5, Delta T = 152.63 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'28, Lahiri = 17°45'28 Julian Calendar 1 Dec. 1562 == Greg. Calendar 11 Dec. 1562

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

JANUARY 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 18 42	20♑ 9'45	12♈55	28♐ 8	6♓55	7♐47	28°R 7	15°R36	2♐ 6	3°R 8	11♓38	26♑15	26♑35	2♌58	8♑ 0	F 1
S 2	7 22 39	21°10'51	26°15	28°32	7°50	8°29	28♊ 0	15♋31	2° 9	3♊ 7	11°40	26°R15	26°32	3° 5	8° 6	S 2
S 3	7 26 35	22°11'57	9♉13	29° 1	8°45	9°10	27°53	15°26	2°12	3° 6	11°41	26°15	26°29	3°11	8°12	S 3
M 4	7 30 32	23°13'02	21°52	29°37	9°39	9°52	27°47	15°21	2°14	3° 5	11°42	26°14	26°26	3°18	8°17	M 4
T 5	7 34 28	24°14'06	4♊16	0♑17	10°33	10°34	27°40	15°16	2°17	3° 4	11°43	26°14	26°23	3°25	8°23	T 5
W 6	7 38 25	25°15'09	16°27	1° 2	11°25	11°16	27°34	15°12	2°20	3° 3	11°44	26°14	26°19	3°31	8°29	W 6
T 7	7 42 21	26°16'11	28°29	1°52	12°18	11°58	27°27	15° 7	2°22	3° 2	11°45	26°D14	26°16	3°38	8°35	T 7
F 8	7 46 18	27°17'13	10♋24	2°45	13° 9	12°40	27°21	15° 2	2°25	3° 1	11°46	26°14	26°13	3°45	8°41	F 8
S 9	7 50 15	28°18'13	22°14	3°41	13°59	13°22	27°15	14°57	2°27	3° 0	11°48	26°R14	26°10	3°51	8°46	S 9
S 10	7 54 11	29°19'13	4♌ 3	4°41	14°49	14° 4	27° 9	14°52	2°30	3° 0	11°49	26°14	26° 7	3°58	8°52	S 10
M11	7 58 8	0♒20'11	15°51	5°43	15°38	14°46	27° 4	14°48	2°32	2°59	11°50	26°14	26° 4	4° 5	8°58	M11
T 12	8 2 4	1°21'09	27°40	6°48	16°26	15°28	26°58	14°43	2°34	2°58	11°51	26°13	26° 0	4°11	9° 3	T 12
W13	8 6 1	2°22'06	9♍35	7°55	17°13	16°10	26°53	14°39	2°37	2°58	11°53	26°12	25°57	4°18	9° 9	W13
T 14	8 9 57	3°23'02	21°36	9° 4	17°59	16°52	26°47	14°34	2°39	2°57	11°54	26°11	25°54	4°24	9°15	T 14
F 15	8 13 54	4°23'57	3♎48	10°16	18°44	17°34	26°42	14°29	2°41	2°56	11°55	26°10	25°51	4°31	9°20	F 15
S 16	8 17 50	5°24'51	16°13	11°29	19°28	18°16	26°37	14°25	2°43	2°56	11°56	26° 9	25°48	4°38	9°26	S 16
S 17	8 21 47	6°25'45	28°55	12°43	20°11	18°59	26°33	14°21	2°45	2°55	11°58	26° 9	25°44	4°44	9°31	S 17
M18	8 25 44	7°26'38	11♏58	14° 0	20°52	19°41	26°28	14°16	2°48	2°54	11°59	26°D 9	25°41	4°51	9°37	M18
T 19	8 29 40	8°27'30	25°24	15°18	21°33	20°23	26°24	14°12	2°50	2°54	12° 0	26° 9	25°38	4°58	9°42	T 19
W20	8 33 37	9°28'21	9♐16	16°37	22°12	21° 5	26°19	14° 8	2°52	2°53	12° 2	26°10	25°35	5° 4	9°48	W20
T 21	8 37 33	10°29'11	23°33	17°57	22°51	21°48	26°15	14° 3	2°54	2°53	12° 3	26°11	25°32	5°11	9°53	T 21
F 22	8 41 30	11°30'01	8♑15	19°19	23°27	22°30	26°12	13°59	2°55	2°53	12° 5	26°12	25°29	5°18	9°59	F 22
S 23	8 45 26	12°30'49	23°15	20°42	24° 3	23°12	26° 8	13°55	2°57	2°52	12° 6	26°R13	25°25	5°24	10° 4	S 23
S 24	8 49 23	13°31'36	8♒26	22° 5	24°37	23°55	26° 4	13°51	2°59	2°52	12° 7	26°13	25°22	5°31	10° 9	S 24
M25	8 53 19	14°32'22	23°40	23°30	25°10	24°37	26° 1	13°47	3° 1	2°52	12° 9	26°11	25°19	5°38	10°14	M25
T 26	8 57 16	15°33'06	8♓45	24°56	25°41	25°19	25°58	13°44	3° 3	2°51	12°10	26° 9	25°16	5°44	10°20	T 26
W27	9 1 13	16°33'48	23°33	26°23	26°10	26° 2	25°55	13°40	3° 4	2°51	12°12	26° 6	25°13	5°51	10°25	W27
T 28	9 5 9	17°34'29	7♈58	27°51	26°38	26°44	25°53	13°36	3° 6	2°51	12°13	26° 3	25°10	5°58	10°30	T 28
F 29	9 9 6	18°35'09	21°55	29°20	27° 4	27°27	25°50	13°33	3° 7	2°51	12°15	26° 1	25° 6	6° 4	10°35	F 29
S 30	9 13 2	19°35'46	5♉24	0♒50	27°29	28° 9	25°48	13°29	3° 9	2°51	12°16	25°59	25° 3	6°11	10°40	S 30
S 31	9 16 59	20♒36'22	18♉26	2♒21	27♓51	28♐52	25♊46	13♋26	3♐10	2♊50	12♓18	25°D58	25♑ 0	6♌17	10♑45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s59	9n51	5n 9	20s51	2n38	8s59	0n 0	21s34	0n 5	23n23	0s 6	22n24	0s11	20s29	0n 9	19n13	1s39	20s35	14s31	20s57	20s53	18n59	17s 9	6n 7
S 2	21 49	15 5	5 18	21 0	2 29	8 32	0 7	21 42	0 5	23 23	0 6	22 25	0 11	20 30	0 9	19 13	1 39	20 34	14 31	20 57	20 54	18 57	17 8	6 7
S 3	21 40	19 29	5 10	21 10	2 20	8 5	0 14	21 49	0 4	23 23	0 6	22 25	0 11	20 30	0 9	19 13	1 38	20 33	14 31	20 57	20 54	18 54	17 8	6 7
M 4	21 30	22 53	4 47	21 19	2 10	7 38	0 22	21 56	0 3	23 23	0 6	22 26	0 11	20 31	0 9	19 13	1 38	20 33	14 31	20 57	20 55	18 52	17 7	6 7
T 5	21 19	25 9	4 11	21 29	2 0	7 11	0 29	22 3	0 2	23 23	0 6	22 27	0 11	20 31	0 9	19 13	1 38	20 32	14 30	20 57	20 56	18 50	17 7	6 8
W 6	21 8	26 11	3 24	21 39	1 50	6 44	0 37	22 9	0 2	23 23	0 6	22 27	0 10	20 32	0 9	19 13	1 38	20 32	14 30	20 57	20 56	18 47	17 6	6 8
T 7	20 57	25 58	2 28	21 49	1 40	6 17	0 45	22 16	0 1	23 23	0 6	22 28	0 10	20 32	0 9	19 13	1 38	20 31	14 30	20 57	20 57	18 45	17 6	6 8
F 8	20 45	24 32	1 27	21 58	1 30	5 50	0 53	22 22	0 0	23 23	0 5	22 29	0 10	20 33	0 9	19 12	1 38	20 30	14 30	20 57	20 57	18 42	17 5	6 8
S 9	20 33	22 1	0 22	22 6	1 20	5 23	1 1	22 28	0s 0	23 23	0 5	22 29	0 10	20 33	0 9	19 12	1 38	20 30	14 29	20 57	20 58	18 40	17 5	6 8
S 10	20 21	18 35	0s43	22 14	1 11	4 56	1 9	22 34	0 1	23 23	0 5	22 30	0 10	20 34	0 9	19 12	1 38	20 29	14 29	20 57	20 59	18 37	17 4	6 9
M11	20 8	14 25	1 47	22 22	1 1	4 29	1 18	22 39	0 2	23 23	0 5	22 31	0 10	20 34	0 9	19 12	1 38	20 28	14 29	20 57	20 59	18 35	17 4	6 9
T 12	19 54	9 43	2 46	22 28	0 51	4 3	1 26	22 45	0 3	23 23	0 5	22 31	0 10	20 35	0 9	19 12	1 38	20 28	14 29	20 57	21 0	18 33	17 3	6 9
W13	19 41	4 37	3 38	22 34	0 41	3 36	1 35	22 50	0 3	23 23	0 5	22 32	0 10	20 35	0 9	19 12	1 38	20 27	14 29	20 58	21 0	18 30	17 2	6 9
T 14	19 27	0s40	4 22	22 39	0 32	3 10	1 44	22 55	0 4	23 23	0 4	22 32	0 10	20 35	0 9	19 12	1 38	20 26	14 28	20 58	21 1	18 28	17 2	6 10
F 15	19 12	6 0	4 54	22 43	0 23	2 44	1 53	23 0	0 5	23 23	0 4	22 33	0 9	20 36	0 9	19 12	1 38	20 26	14 28	20 58	21 2	18 25	17 1	6 10
S 16	18 58	11 12	5 13	22 46	0 14	2 18	2 3	23 4	0 6	23 23	0 4	22 34	0 9	20 36	0 9	19 12	1 38	20 25	14 28	20 58	21 2	18 23	17 0	6 10
S 17	18 43	16 3	5 17	22 48	0 5	1 52	2 12	23 9	0 7	23 23	0 4	22 34	0 9	20 37	0 9	19 12	1 38	20 24	14 28	20 58	21 3	18 21	17 0	6 10
M18	18 27	20 18	5 5	22 49	0s 4	1 27	2 22	23 13	0 7	23 23	0 4	22 35	0 9	20 37	0 9	19 12	1 38	20 24	14 28	20 58	21 3	18 18	16 59	6 11
T 19	18 12	23 38	4 37	22 49	0 12	1 2	2 32	23 17	0 8	23 23	0 4	22 35	0 9	20 38	0 9	19 12	1 38	20 23	14 28	20 58	21 4	18 16	16 58	6 11
W20	17 56	25 43	3 52	22 48	0 20	0 37	2 42	23 21	0 9	23 23	0 4	22 36	0 9	20 38	0 9	19 12	1 38	20 22	14 27	20 58	21 5	18 13	16 58	6 11
T 21	17 39	26 12	2 51	22 45	0 28	0 13	2 52	23 24	0 10	23 23	0 3	22 37	0 9	20 38	0 9	19 12	1 37	20 21	14 27	20 58	21 5	18 11	16 57	6 12
F 22	17 22	24 52	1 38	22 41	0 36	0n11	3 2	23 28	0 10	23 23	0 3	22 37	0 9	20 39	0 9	19 11	1 37	20 21	14 27	20 58	21 6	18 8	16 56	6 12
S 23	17 5	21 46	0 16	22 36	0 43	0 35	3 13	23 31	0 11	23 23	0 3	22 38	0 8	20 39	0 9	19 11	1 37	20 20	14 27	20 58	21 6	18 6	16 56	6 12
S 24	16 48	17 7	1n 7	22 30	0 50	0 58	3 23	23 34	0 12	23 23	0 3	22 38	0 8	20 39	0 9	19 11	1 37	20 19	14 27	20 58	21 7	18 3	16 55	6 12
M25	16 31	11 22	2 26	22 23	0 57	1 21	3 34	23 36	0 13	23 23	0 3	22 39	0 8	20 40	0 9	19 11	1 37	20 19	14 27	20 58	21 8	18 1	16 54	6 13
T 26	16 13	5 0	3 34	22 14	1 4	1 43	3 45	23 39	0 14	23 23	0 3	22 39	0 8	20 40	0 9	19 11	1 37	20 18	14 27	20 58	21 8	17 58	16 54	6 13
W27	15 55	1n31	4 26	22 4	1 10	2 5	3 56	23 41	0 15	23 23	0 3	22 40	0 8	20 40	0 9	19 11	1 37	20 17	14 26	20 59	21 9	17 56	16 53	6 13
T 28	15 36	7 45	5 0	21 53	1 16	2 26	4 7	23 43	0 15	23 24	0 2	22 40	0 8	20 41	0 9	19 12	1 37	20 17	14 26	20 59	21 9	17 53	16 52	6 14
F 29	15 18	13 25	5 15	21 40	1 22	2 47	4 18	23 45	0 16	23 24	0 2	22 41	0 8	20 41	0 9	19 12	1 37	20 16	14 26	21 0	21 10	17 51	16 51	6 14
S 30	14 59	18 14	5 11	21 26	1 27	3 7	4 30	23 46	0 17	23 24	0 2	22 41	0 8	20 41	0 9	19 12	1 37	20 15	14 26	21 0	21 10	17 49	16 51	6 15
S 31	14s39	22n 1	4n52	21s11	1s32	3n26	4n41	23s47	0s18	23n24	0s 2	22n42	0s 8	20s42	0n 9	19n12	1s37	20s15	14s26	21s 0	21s11	17n46	16s50	6n15

Julian Day Number = 2291943.5, Delta T = 152.46 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'32, Lahiri = 17°45'33 Julian Calendar 1 Jan. 1563 == Greg. Calendar 11 Jan. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

FEBRUARY 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 20 55	21♒36'56	1♊ 5	3♒53	28♓12	29♐35	25°R44	13°R22	3♐12	2°R50	12♓19	25♑59	24♑57	6♌24	10♑50	M 1
T 2	9 24 52	22°37'28	13°24	5°25	28°31	0♑17	25♊42	13♋19	3°13	2°D50	12°21	26° 0	24°54	6°31	10°55	T 2
W 3	9 28 48	23°37'59	25°29	6°59	28°47	1° 0	25°40	13°16	3°14	2♊50	12°22	26° 2	24°50	6°37	11° 0	W 3
T 4	9 32 45	24°38'28	7♋24	8°34	29° 2	1°42	25°39	13°13	3°16	2°50	12°24	26° 3	24°47	6°44	11° 5	T 4
F 5	9 36 42	25°38'54	19°12	10° 9	29°14	2°25	25°38	13°10	3°17	2°50	12°25	26° 5	24°44	6°51	11° 9	F 5
S 6	9 40 38	26°39'19	0♌59	11°45	29°24	3° 8	25°37	13° 7	3°18	2°51	12°27	26°R 5	24°41	6°57	11°14	S 6
S 7	9 44 35	27°39'42	12°47	13°23	29°32	3°50	25°36	13° 4	3°19	2°51	12°28	26° 3	24°38	7° 4	11°19	S 7
M 8	9 48 31	28°40'04	24°38	15° 1	29°37	4°33	25°36	13° 1	3°20	2°51	12°30	26° 0	24°35	7°11	11°23	M 8
T 9	9 52 28	29°40'23	6♍34	16°40	29°41	5°16	25°36	12°59	3°21	2°51	12°31	25°56	24°31	7°17	11°28	T 9
W10	9 56 24	0♓40'41	18°38	18°20	29°R41	5°59	25°D35	12°56	3°22	2°51	12°33	25°50	24°28	7°24	11°32	W10
T 11	10 0 21	1°40'58	0♎51	20° 2	29°39	6°41	25°36	12°54	3°23	2°52	12°34	25°43	24°25	7°31	11°37	T 11
F 12	10 4 17	2°41'12	13°13	21°44	29°35	7°24	25°36	12°51	3°24	2°52	12°36	25°36	24°22	7°37	11°41	F 12
S 13	10 8 14	3°41'25	25°47	23°27	29°28	8° 7	25°36	12°49	3°25	2°52	12°37	25°30	24°19	7°44	11°45	S 13
S 14	10 12 10	4°41'37	8♏35	25°11	29°19	8°50	25°37	12°47	3°25	2°53	12°39	25°26	24°16	7°51	11°50	S 14
M15	10 16 7	5°41'47	21°39	26°57	29° 7	9°33	25°38	12°45	3°26	2°53	12°41	25°23	24°12	7°57	11°54	M15
T 16	10 20 4	6°41'55	5♐ 0	28°43	28°53	10°16	25°39	12°43	3°27	2°53	12°42	25°D22	24° 9	8° 4	11°58	T 16
W17	10 24 0	7°42'02	18°41	0♓31	28°36	10°59	25°40	12°41	3°27	2°54	12°44	25°22	24° 6	8°10	12° 2	W17
T 18	10 27 57	8°42'07	2♑42	2°19	28°17	11°42	25°42	12°40	3°28	2°54	12°45	25°24	24° 3	8°17	12° 6	T 18
F 19	10 31 53	9°42'11	17° 5	4° 9	27°55	12°25	25°43	12°38	3°28	2°55	12°47	25°25	24° 0	8°24	12°10	F 19
S 20	10 35 50	10°42'13	1♒46	6° 0	27°32	13° 8	25°45	12°37	3°29	2°56	12°48	25°R25	23°56	8°30	12°14	S 20
S 21	10 39 46	11°42'14	16°41	7°52	27° 6	13°51	25°47	12°35	3°29	2°56	12°50	25°23	23°53	8°37	12°18	S 21
M22	10 43 43	12°42'12	1♓43	9°44	26°38	14°34	25°49	12°34	3°29	2°57	12°52	25°19	23°50	8°44	12°22	M22
T 23	10 47 40	13°42'09	16°43	11°38	26° 8	15°17	25°52	12°33	3°30	2°58	12°53	25°13	23°47	8°50	12°26	T 23
W24	10 51 36	14°42'03	1♈32	13°33	25°37	16° 0	25°54	12°32	3°30	2°58	12°55	25° 5	23°44	8°57	12°29	W24
T 25	10 55 33	15°41'56	16° 2	15°29	25° 4	16°43	25°57	12°31	3°30	2°59	12°56	24°57	23°41	9° 4	12°33	T 25
F 26	10 59 29	16°41'46	0♉ 7	17°26	24°29	17°26	26° 0	12°30	3°30	3° 0	12°58	24°49	23°37	9°10	12°36	F 26
S 27	11 3 26	17°41'34	13°44	19°24	23°53	18° 9	26° 3	12°29	3°R30	3° 1	12°59	24°43	23°34	9°17	12°40	S 27
S 28	11 7 22	18♓41'20	26♉52	21♓22	23♓17	18♑53	26♊ 7	12♋29	3♐30	3♊ 1	13♓ 1	24♑38	23♑31	9♌24	12♑43	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s20	24n38	4n18	20s54	1s37	3n45	4n52	23s49	0s19	23n24	0s 2	22n42	0s 7	20s42	0n 9	19n12	1s37	20s14	14s26	21s 0	21s12	17n44	16s49	6n15
T 2	14 0	26 0	3 34	20 36	1 42	4 3	5 4	23 49	0 20	23 24	0 2	22 42	0 7	20 42	0 9	19 12	1 37	20 13	14 26	21 0	21 12	17 41	16 48	6 16
W 3	13 40	26 6	2 41	20 17	1 46	4 20	5 15	23 50	0 21	23 24	0 2	22 43	0 7	20 42	0 9	19 12	1 37	20 13	14 26	21 0	21 13	17 39	16 48	6 16
T 4	13 20	24 58	1 41	19 56	1 50	4 37	5 27	23 51	0 21	23 24	0 1	22 43	0 7	20 43	0 9	19 12	1 37	20 12	14 26	20 59	21 13	17 36	16 47	6 16
F 5	13 0	22 44	0 38	19 34	1 53	4 52	5 39	23 51	0 22	23 24	0 1	22 44	0 7	20 43	0 9	19 12	1 37	20 11	14 26	20 59	21 14	17 34	16 46	6 17
S 6	12 40	19 33	0s27	19 10	1 56	5 7	5 50	23 51	0 23	23 24	0 1	22 44	0 7	20 43	0 9	19 12	1 37	20 11	14 26	20 59	21 14	17 31	16 45	6 17
S 7	12 19	15 34	1 30	18 45	1 59	5 20	6 2	23 51	0 24	23 24	0 1	22 45	0 7	20 43	0 9	19 12	1 36	20 10	14 25	20 59	21 15	17 29	16 45	6 18
M 8	11 58	10 59	2 30	18 18	2 2	5 33	6 13	23 50	0 25	23 24	0 1	22 45	0 7	20 43	0 9	19 12	1 36	20 9	14 25	21 0	21 16	17 26	16 44	6 18
T 9	11 37	5 58	3 23	17 51	2 4	5 45	6 24	23 49	0 26	23 25	0 1	22 45	0 7	20 44	0 9	19 12	1 36	20 9	14 25	21 1	21 16	17 24	16 43	6 18
W10	11 16	0 42	4 8	17 21	2 5	5 55	6 36	23 48	0 27	23 25	0 1	22 46	0 6	20 44	0 9	19 12	1 36	20 8	14 25	21 2	21 17	17 21	16 42	6 19
T 11	10 54	4s39	4 42	16 50	2 7	6 5	6 47	23 47	0 28	23 25	0 1	22 46	0 6	20 44	0 9	19 12	1 36	20 7	14 25	21 3	21 17	17 18	16 41	6 19
F 12	10 33	9 53	5 4	16 18	2 7	6 13	6 57	23 46	0 29	23 25	0 0	22 46	0 6	20 44	0 9	19 13	1 36	20 7	14 25	21 4	21 18	17 16	16 41	6 20
S 13	10 11	14 48	5 11	15 45	2 8	6 20	7 8	23 44	0 29	23 25	0 0	22 47	0 6	20 44	0 9	19 13	1 36	20 6	14 25	21 5	21 18	17 13	16 40	6 20
S 14	9 49	19 10	5 3	15 10	2 8	6 25	7 18	23 42	0 30	23 25	0 0	22 47	0 6	20 44	0 9	19 13	1 36	20 6	14 25	21 6	21 19	17 11	16 39	6 21
M15	9 27	22 42	4 39	14 33	2 7	6 30	7 28	23 40	0 31	23 25	0 0	22 47	0 6	20 45	0 9	19 13	1 36	20 5	14 25	21 7	21 19	17 8	16 38	6 21
T 16	9 4	25 7	4 0	13 55	2 7	6 33	7 37	23 38	0 32	23 26	0n 0	22 48	0 6	20 45	0 9	19 13	1 36	20 4	14 25	21 7	21 20	17 6	16 37	6 22
W17	8 42	26 6	3 6	13 16	2 5	6 34	7 46	23 36	0 33	23 26	0 0	22 48	0 6	20 45	0 9	19 13	1 36	20 4	14 25	21 7	21 21	17 3	16 36	6 22
T 18	8 20	25 28	2 0	12 35	2 3	6 34	7 55	23 33	0 34	23 26	0 0	22 48	0 5	20 45	0 9	19 13	1 36	20 3	14 25	21 7	21 21	17 1	16 36	6 23
F 19	7 57	23 9	0 45	11 53	2 1	6 33	8 3	23 30	0 35	23 26	0 0	22 48	0 5	20 45	0 9	19 14	1 36	20 2	14 25	21 6	21 22	16 58	16 35	6 23
S 20	7 34	19 16	0n34	11 10	1 58	6 30	8 10	23 27	0 36	23 26	0 1	22 49	0 5	20 45	0 9	19 14	1 36	20 2	14 25	21 6	21 22	16 56	16 34	6 24
S 21	7 11	14 5	1 52	10 25	1 55	6 26	8 17	23 23	0 37	23 27	0 1	22 49	0 5	20 45	0 9	19 14	1 36	20 1	14 25	21 7	21 23	16 53	16 33	6 24
M22	6 48	8 2	3 3	9 39	1 51	6 21	8 23	23 20	0 38	23 27	0 1	22 49	0 5	20 45	0 9	19 14	1 36	20 1	14 25	21 8	21 23	16 51	16 32	6 24
T 23	6 25	1 33	4 1	8 51	1 46	6 14	8 28	23 16	0 39	23 27	0 1	22 49	0 5	20 45	0 9	19 14	1 35	20 0	14 25	21 9	21 24	16 48	16 32	6 25
W24	6 2	4n55	4 42	8 3	1 42	6 5	8 32	23 12	0 40	23 27	0 1	22 50	0 5	20 45	0 9	19 15	1 35	19 59	14 25	21 10	21 24	16 45	16 31	6 25
T 25	5 39	10 59	5 4	7 13	1 36	5 55	8 36	23 7	0 41	23 27	0 1	22 50	0 5	20 45	0 9	19 15	1 35	19 59	14 25	21 12	21 25	16 43	16 30	6 26
F 26	5 16	16 18	5 6	6 21	1 30	5 44	8 39	23 3	0 42	23 28	0 1	22 50	0 5	20 45	0 9	19 15	1 35	19 58	14 25	21 13	21 26	16 40	16 29	6 27
S 27	4 53	20 37	4 51	5 29	1 23	5 32	8 40	22 58	0 43	23 28	0 1	22 50	0 4	20 45	0 9	19 15	1 35	19 58	14 25	21 14	21 26	16 38	16 28	6 27
S 28	4s29	23n43	4n20	4s36	1s16	5n18	8n41	22s53	0s44	23n28	0n 2	22n50	0s 4	20s45	0n 9	19n15	1s35	19s57	14s25	21s15	21s27	16n35	16s27	6n28

Julian Day Number = 2291974.5, Delta T = 152.29 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'36, Lahiri = 17°45'37 Julian Calendar 1 Feb. 1563 == Greg. Calendar 11 Feb. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

MARCH 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 11 19	19♓41'04	9♊35	23♓21	22°R40	19♉36	26♊10	12°R28	3°R30	3♊ 2	13♓ 3	24°R36	23♉28	9♌30	12♉46	M 1
T 2	11 15 15	20°40'46	21°57	25°21	22♓ 2	20°19	26°14	12♋28	3♐30	3° 3	13° 4	24°D35	23°25	9°37	12°50	T 2
W 3	11 19 12	21°40'25	4♋ 2	27°21	21°24	21° 2	26°18	12°27	3°30	3° 4	13° 6	24♉36	23°22	9°44	12°53	W 3
T 4	11 23 8	22°40'02	15°55	29°21	20°47	21°45	26°22	12°27	3°29	3° 5	13° 7	24°37	23°18	9°50	12°56	T 4
F 5	11 27 5	23°39'37	27°43	1♈21	20° 9	22°28	26°26	12°D27	3°29	3° 6	13° 9	24°R37	23°15	9°57	12°59	F 5
S 6	11 31 2	24°39'09	9♌29	3°21	19°32	23°12	26°31	12°27	3°29	3° 7	13°10	24°36	23°12	10° 4	13° 2	S 6
S 7	11 34 58	25°38'39	21°19	5°20	18°56	23°55	26°35	12°28	3°28	3° 8	13°12	24°32	23° 9	10°10	13° 5	S 7
M 8	11 38 55	26°38'07	3♍15	7°18	18°21	24°38	26°40	12°28	3°28	3° 9	13°14	24°26	23° 6	10°17	13° 8	M 8
T 9	11 42 51	27°37'33	15°20	9°15	17°48	25°22	26°45	12°28	3°27	3°10	13°15	24°17	23° 2	10°23	13°10	T 9
W10	11 46 48	28°36'56	27°36	11°10	17°15	26° 5	26°50	12°29	3°27	3°12	13°17	24° 7	22°59	10°30	13°13	W10
T 11	11 50 44	29°36'18	10♎ 4	13° 2	16°45	26°48	26°55	12°29	3°26	3°13	13°18	23°55	22°56	10°37	13°16	T 11
F 12	11 54 41	0♈35'37	22°44	14°53	16°16	27°31	27° 1	12°30	3°26	3°14	13°20	23°43	22°53	10°43	13°18	F 12
S 13	11 58 37	1°34'55	5♏36	16°40	15°49	28°15	27° 6	12°31	3°25	3°15	13°21	23°32	22°50	10°50	13°21	S 13
S 14	12 2 34	2°34'10	18°39	18°24	15°25	28°58	27°12	12°32	3°24	3°17	13°23	23°23	22°47	10°57	13°23	S 14
M15	12 6 31	3°33'24	1♐54	20° 5	15° 2	29°42	27°18	12°33	3°23	3°18	13°24	23°16	22°43	11° 3	13°25	M15
T 16	12 10 27	4°32'36	15°21	21°41	14°42	0♒25	27°24	12°34	3°23	3°19	13°26	23°12	22°40	11°10	13°27	T 16
W17	12 14 24	5°31'47	29° 2	23°13	14°25	1° 8	27°30	12°35	3°22	3°21	13°27	23°11	22°37	11°17	13°30	W17
T 18	12 18 20	6°30'55	12♑56	24°40	14° 9	1°52	27°36	12°37	3°21	3°22	13°29	23°D11	22°34	11°23	13°32	T 18
F 19	12 22 17	7°30'02	27° 4	26° 2	13°57	2°35	27°43	12°38	3°20	3°23	13°30	23°R11	22°31	11°30	13°34	F 19
S 20	12 26 13	8°29'07	11♒25	27°18	13°46	3°19	27°50	12°40	3°19	3°25	13°32	23°10	22°27	11°37	13°35	S 20
S 21	12 30 10	9°28'10	25°57	28°29	13°38	4° 2	27°56	12°42	3°18	3°26	13°33	23° 7	22°24	11°43	13°37	S 21
M22	12 34 6	10°27'12	10♓36	29°34	13°33	4°45	28° 3	12°43	3°16	3°28	13°34	23° 1	22°21	11°50	13°39	M22
T 23	12 38 3	11°26'11	25°15	0♉32	13°30	5°29	28°11	12°45	3°15	3°29	13°36	22°52	22°18	11°57	13°41	T 23
W24	12 42 0	12°25'09	9♈48	1°25	13°D29	6°12	28°18	12°47	3°14	3°31	13°37	22°41	22°15	12° 3	13°42	W24
T 25	12 45 56	13°24'04	24° 7	2°11	13°31	6°56	28°25	12°50	3°13	3°32	13°39	22°29	22°12	12°10	13°44	T 25
F 26	12 49 53	14°22'58	8♉ 5	2°51	13°35	7°39	28°33	12°52	3°11	3°34	13°40	22°18	22° 8	12°17	13°45	F 26
S 27	12 53 49	15°21'49	21°40	3°25	13°42	8°23	28°40	12°54	3°10	3°35	13°41	22° 8	22° 5	12°23	13°47	S 27
S 28	12 57 46	16°20'38	4♊50	3°52	13°50	9° 6	28°48	12°57	3° 9	3°37	13°43	22° 0	22° 2	12°30	13°48	S 28
M29	13 1 42	17°19'25	17°35	4°12	14° 1	9°50	28°56	12°59	3° 7	3°39	13°44	21°55	21°59	12°37	13°49	M29
T 30	13 5 39	18°18'10	29°59	4°26	14°14	10°33	29° 4	13° 2	3° 6	3°40	13°46	21°52	21°56	12°43	13°50	T 30
W31	13 9 35	19♈16'53	12♋ 6	4♉34	14♓29	11♒16	29♊12	13♋ 5	3♐ 4	3♊42	13♓47	21♉51	21♉53	12♌50	13♉51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s 6	25n32	3n38	3s41	1s 8	5n 3	8n41	22s48	0s45	23n28	0n 2	22n50	0s 4	20s45	0n 9	19n16	1s35	19s57	14s25	21s15	21s27	16n33	16s27	6n28
T 2	3 42	26 1	2 46	2 46	1 0	4 47	8 40	22 43	0 46	23 28	0 2	22 51	0 4	20 45	0 9	19 16	1 35	19 56	14 26	21 15	21 28	16 30	16 26	6 29
W 3	3 19	25 14	1 48	1 50	0 51	4 31	8 38	22 37	0 47	23 29	0 2	22 51	0 4	20 45	0 9	19 16	1 35	19 55	14 26	21 15	21 28	16 27	16 25	6 29
T 4	2 55	23 19	0 47	0 54	0 42	4 13	8 34	22 31	0 48	23 29	0 2	22 51	0 4	20 45	0 9	19 16	1 35	19 55	14 26	21 15	21 29	16 25	16 24	6 30
F 5	2 31	20 24	0s17	0n 3	0 32	3 55	8 30	22 25	0 49	23 29	0 2	22 51	0 4	20 45	0 9	19 17	1 35	19 54	14 26	21 15	21 29	16 22	16 23	6 30
S 6	2 8	16 39	1 19	1 0	0 22	3 36	8 26	22 19	0 50	23 29	0 2	22 51	0 4	20 45	0 9	19 17	1 35	19 54	14 26	21 15	21 30	16 20	16 22	6 31
S 7	1 44	12 15	2 18	1 57	0 11	3 16	8 20	22 13	0 51	23 30	0 2	22 51	0 4	20 45	0 9	19 17	1 35	19 53	14 26	21 16	21 30	16 17	16 22	6 31
M 8	1 20	7 22	3 11	2 54	0n 0	2 57	8 13	22 6	0 52	23 30	0 2	22 51	0 3	20 45	0 9	19 17	1 35	19 53	14 26	21 17	21 31	16 14	16 21	6 32
T 9	0 57	2 10	3 56	3 51	0 12	2 37	8 5	21 59	0 53	23 30	0 3	22 51	0 3	20 45	0 9	19 18	1 35	19 52	14 26	21 19	21 31	16 12	16 20	6 32
W10	0 33	3s12	4 31	4 47	0 24	2 17	7 57	21 52	0 54	23 30	0 3	22 51	0 3	20 45	0 9	19 18	1 35	19 52	14 26	21 20	21 32	16 9	16 19	6 33
T 11	0 9	8 30	4 54	5 42	0 36	1 57	7 48	21 45	0 55	23 30	0 3	22 51	0 3	20 45	0 9	19 18	1 35	19 51	14 26	21 23	21 33	16 7	16 18	6 34
F 12	0n14	13 32	5 2	6 37	0 48	1 37	7 39	21 37	0 56	23 31	0 3	22 51	0 3	20 45	0 9	19 18	1 35	19 51	14 26	21 25	21 33	16 4	16 18	6 34
S 13	0 38	18 4	4 56	7 29	1 0	1 17	7 28	21 30	0 57	23 31	0 3	22 51	0 3	20 44	0 9	19 19	1 34	19 50	14 27	21 27	21 34	16 1	16 17	6 35
S 14	1 1	21 48	4 34	8 20	1 12	0 58	7 18	21 22	0 58	23 31	0 3	22 51	0 3	20 44	0 9	19 19	1 34	19 50	14 27	21 28	21 34	15 59	16 16	6 35
M15	1 25	24 28	3 57	9 10	1 24	0 39	7 7	21 14	0 59	23 31	0 3	22 51	0 3	20 44	0 9	19 19	1 34	19 49	14 27	21 29	21 35	15 56	16 15	6 36
T 16	1 49	25 47	3 7	9 57	1 36	0 21	6 55	21 5	1 0	23 32	0 3	22 51	0 3	20 44	0 9	19 20	1 34	19 49	14 27	21 30	21 35	15 54	16 14	6 37
W17	2 12	25 34	2 5	10 42	1 47	0 3	6 43	20 57	1 1	23 32	0 3	22 51	0 3	20 44	0 9	19 20	1 34	19 48	14 27	21 30	21 36	15 51	16 14	6 37
T 18	2 36	23 46	0 54	11 24	1 58	0s14	6 31	20 48	1 2	23 32	0 4	22 51	0 2	20 44	0 9	19 20	1 34	19 48	14 27	21 30	21 36	15 48	16 13	6 38
F 19	2 59	20 28	0n21	12 4	2 8	0 31	6 18	20 40	1 3	23 32	0 4	22 51	0 2	20 43	0 9	19 21	1 34	19 48	14 27	21 30	21 37	15 46	16 12	6 38
S 20	3 22	15 53	1 35	12 41	2 18	0 46	6 6	20 31	1 4	23 32	0 4	22 51	0 2	20 43	0 9	19 21	1 34	19 47	14 28	21 30	21 37	15 43	16 11	6 39
S 21	3 46	10 19	2 44	13 15	2 27	1 1	5 53	20 21	1 6	23 33	0 4	22 51	0 2	20 43	0 9	19 21	1 34	19 47	14 28	21 31	21 38	15 40	16 10	6 40
M22	4 9	4 10	3 43	13 46	2 36	1 15	5 40	20 12	1 7	23 33	0 4	22 51	0 2	20 43	0 9	19 22	1 34	19 46	14 28	21 32	21 38	15 38	16 10	6 40
T 23	4 32	2n12	4 27	14 14	2 43	1 28	5 27	20 2	1 8	23 33	0 4	22 51	0 2	20 43	0 9	19 22	1 34	19 46	14 28	21 33	21 39	15 35	16 9	6 41
W24	4 55	8 23	4 53	14 39	2 50	1 40	5 14	19 53	1 9	23 33	0 4	22 51	0 2	20 42	0 9	19 22	1 34	19 45	14 28	21 35	21 39	15 32	16 8	6 41
T 25	5 18	14 2	5 1	15 0	2 55	1 52	5 1	19 43	1 10	23 33	0 4	22 51	0 2	20 42	0 9	19 23	1 34	19 45	14 28	21 37	21 40	15 30	16 7	6 42
F 26	5 41	18 48	4 50	15 18	3 0	2 2	4 48	19 33	1 11	23 34	0 4	22 51	0 2	20 42	0 9	19 23	1 34	19 45	14 29	21 39	21 40	15 27	16 7	6 43
S 27	6 4	22 27	4 22	15 33	3 3	2 12	4 35	19 22	1 12	23 34	0 4	22 51	0 1	20 42	0 9	19 23	1 34	19 44	14 29	21 41	21 41	15 25	16 6	6 43
S 28	6 27	24 47	3 42	15 45	3 6	2 20	4 22	19 12	1 13	23 34	0 5	22 51	0 1	20 41	0 9	19 24	1 34	19 44	14 29	21 42	21 41	15 22	16 5	6 44
M29	6 49	25 45	2 51	15 52	3 7	2 28	4 10	19 1	1 14	23 34	0 5	22 50	0 1	20 41	0 9	19 24	1 34	19 44	14 29	21 43	21 42	15 19	16 4	6 44
T 30	7 12	25 23	1 53	15 57	3 6	2 34	3 57	18 51	1 15	23 34	0 5	22 50	0 1	20 41	0 9	19 24	1 34	19 43	14 29	21 43	21 42	15 17	16 4	6 45
W31	7n34	23n48	0n51	15n58	3n 5	2s40	3n45	18s40	1s16	23n35	0n 5	22n50	0s 1	20s41	0n 9	19n25	1s34	19s43	14s30	21s43	21s43	15n14	16s 3	6n46

Julian Day Number = 2292002.5, Delta T = 152.13 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'40, Lahiri = 17°45'41 Julian Calendar 1 March 1563 == Greg. Calendar 11 March 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

APRIL 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 13 32	20♈15'33	24♋ 1	4°R35	14♓46	12♒ 0	29♊21	13♋ 7	3°R 3	3♊44	13♓48	21°R51	21♑49	12♌56	13♑52	T 1
F 2	13 17 29	21°14'11	5♌50	4♉30	15° 4	12°43	29°29	13°10	3♐ 1	3°46	13°50	21♑51	21°46	13° 3	13°53	F 2
S 3	13 21 25	22°12'47	17°38	4°20	15°25	13°27	29°38	13°13	2°59	3°47	13°51	21°49	21°43	13°10	13°54	S 3
S 4	13 25 22	23°11'20	29°30	4° 4	15°47	14°10	29°46	13°17	2°58	3°49	13°52	21°45	21°40	13°16	13°54	S 4
M 5	13 29 18	24° 9'52	11♍32	3°43	16°11	14°54	29°55	13°20	2°56	3°51	13°53	21°38	21°37	13°23	13°55	M 5
T 6	13 33 15	25° 8'21	23°45	3°17	16°37	15°37	0♋ 4	13°23	2°54	3°53	13°55	21°29	21°33	13°30	13°55	T 6
W 7	13 37 11	26° 6'48	6♎13	2°48	17° 5	16°20	0°13	13°27	2°52	3°55	13°56	21°18	21°30	13°36	13°56	W 7
T 8	13 41 8	27° 5'13	18°56	2°15	17°34	17° 4	0°22	13°30	2°51	3°56	13°57	21° 5	21°27	13°43	13°56	T 8
F 9	13 45 4	28° 3'37	1♏55	1°39	18° 4	17°47	0°31	13°34	2°49	3°58	13°58	20°52	21°24	13°50	13°56	F 9
S 10	13 49 1	29° 1'58	15° 8	1° 1	18°36	18°31	0°41	13°37	2°47	4° 0	14° 0	20°40	21°21	13°56	13°57	S 10
S 11	13 52 57	0♉ 0'18	28°34	0°22	19° 9	19°14	0°50	13°41	2°45	4° 2	14° 1	20°30	21°18	14° 3	13°57	S 11
M12	13 56 54	0°58'36	12♐10	29♈42	19°44	19°57	1° 0	13°45	2°43	4° 4	14° 2	20°23	21°14	14°10	13°R57	M12
T 13	14 0 51	1°56'53	25°55	29° 2	20°20	20°41	1° 9	13°49	2°41	4° 6	14° 3	20°19	21°11	14°16	13°57	T 13
W14	14 4 47	2°55'08	9♑48	28°22	20°57	21°24	1°19	13°53	2°39	4° 8	14° 4	20°17	21° 8	14°23	13°56	W14
T 15	14 8 44	3°53'22	23°47	27°45	21°35	22° 8	1°29	13°57	2°37	4°10	14° 5	20°D16	21° 5	14°30	13°56	T 15
F 16	14 12 40	4°51'34	7♒51	27° 9	22°15	22°51	1°39	14° 2	2°35	4°12	14° 6	20°R17	21° 2	14°36	13°56	F 16
S 17	14 16 37	5°49'44	22° 1	26°36	22°55	23°34	1°49	14° 6	2°33	4°14	14° 7	20°16	20°59	14°43	13°55	S 17
S 18	14 20 33	6°47'54	6♓15	26° 6	23°37	24°18	1°59	14°10	2°31	4°16	14° 8	20°13	20°55	14°50	13°55	S 18
M19	14 24 30	7°46'01	20°30	25°40	24°20	25° 1	2°10	14°15	2°28	4°18	14°10	20° 7	20°52	14°56	13°54	M19
T 20	14 28 26	8°44'07	4♈43	25°18	25° 3	25°44	2°20	14°19	2°26	4°20	14°11	19°59	20°49	15° 3	13°54	T 20
W21	14 32 23	9°42'12	18°50	24°59	25°48	26°27	2°30	14°24	2°24	4°22	14°12	19°50	20°46	15°10	13°53	W21
T 22	14 36 20	10°40'15	2♉46	24°46	26°33	27°11	2°41	14°29	2°22	4°24	14°13	19°38	20°43	15°16	13°52	T 22
F 23	14 40 16	11°38'17	16°26	24°36	27°19	27°54	2°52	14°34	2°20	4°26	14°13	19°28	20°39	15°23	13°51	F 23
S 24	14 44 13	12°36'17	29°47	24°D32	28° 6	28°37	3° 2	14°39	2°17	4°28	14°14	19°18	20°36	15°30	13°50	S 24
S 25	14 48 9	13°34'15	12♊48	24°32	28°54	29°20	3°13	14°44	2°15	4°31	14°15	19°11	20°33	15°36	13°49	S 25
M26	14 52 6	14°32'12	25°28	24°37	29°43	0♓ 3	3°24	14°49	2°13	4°33	14°16	19° 6	20°30	15°43	13°48	M26
T 27	14 56 2	15°30'07	7♋50	24°46	0♈32	0°47	3°35	14°54	2°10	4°35	14°17	19° 3	20°27	15°50	13°47	T 27
W28	14 59 59	16°28'00	19°57	25° 0	1°22	1°30	3°46	14°59	2° 8	4°37	14°18	19°D 2	20°24	15°56	13°46	W28
T 29	15 3 56	17°25'52	1♌53	25°18	2°13	2°13	3°57	15° 4	2° 6	4°39	14°19	19° 3	20°20	16° 3	13°45	T 29
F 30	15 7 52	18♉23'42	13♌43	25♈41	3♈ 4	2♓56	4♋ 9	15♋10	2♐ 3	4♊41	14♓20	19°R 4	20♑17	16♌10	13♑43	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n56	21n10	0s11	15n55	3n 1	2s45	3n32	18s29	1s18	23n35	0n 5	22n50	0s 1	20s40	0n 9	19n25	1s34	19s43	14s30	21s43	21s43	15n11	16s 2	6n46
F 2	8 18	17 40	1 13	15 50	2 57	2 49	3 20	18 17	1 19	23 35	0 5	22 50	0 1	20 40	0 9	19 25	1 34	19 42	14 30	21 43	21 44	15 9	16 2	6 47
S 3	8 40	13 29	2 12	15 40	2 51	2 52	3 9	18 6	1 20	23 35	0 5	22 49	0 1	20 40	0 9	19 26	1 33	19 42	14 30	21 44	21 44	15 6	16 1	6 47
S 4	9 2	8 47	3 5	15 28	2 44	2 54	2 57	17 54	1 21	23 35	0 5	22 49	0 1	20 39	0 9	19 26	1 33	19 42	14 31	21 44	21 45	15 3	16 0	6 48
M 5	9 24	3 42	3 51	15 13	2 35	2 55	2 45	17 43	1 22	23 35	0 5	22 49	0 1	20 39	0 9	19 26	1 33	19 41	14 31	21 45	21 45	15 1	16 0	6 49
T 6	9 45	1s35	4 26	14 54	2 25	2 56	2 34	17 31	1 23	23 35	0 5	22 49	0 1	20 39	0 9	19 27	1 33	19 41	14 31	21 47	21 46	14 58	15 59	6 49
W 7	10 6	6 55	4 50	14 33	2 13	2 55	2 23	17 19	1 24	23 35	0 5	22 49	0 0	20 38	0 9	19 27	1 33	19 41	14 31	21 48	21 46	14 55	15 58	6 50
T 8	10 28	12 3	5 0	14 10	2 1	2 54	2 12	17 7	1 25	23 35	0 6	22 48	0 0	20 38	0 9	19 28	1 33	19 41	14 32	21 50	21 47	14 53	15 58	6 50
F 9	10 49	16 46	4 55	13 45	1 47	2 52	2 2	16 55	1 26	23 35	0 6	22 48	0 0	20 38	0 9	19 28	1 33	19 40	14 32	21 52	21 47	14 50	15 57	6 51
S 10	11 9	20 46	4 34	13 18	1 32	2 49	1 51	16 42	1 28	23 35	0 6	22 48	0 0	20 37	0 9	19 28	1 33	19 40	14 32	21 54	21 48	14 47	15 56	6 52
S 11	11 30	23 45	3 57	12 49	1 17	2 45	1 41	16 30	1 29	23 36	0 6	22 47	0 0	20 37	0 9	19 29	1 33	19 40	14 32	21 56	21 48	14 44	15 56	6 52
M12	11 50	25 24	3 7	12 20	1 0	2 41	1 31	16 17	1 30	23 36	0 6	22 47	0n 0	20 36	0 9	19 29	1 33	19 40	14 33	21 57	21 49	14 42	15 55	6 53
T 13	12 11	25 31	2 5	11 50	0 44	2 36	1 21	16 4	1 31	23 36	0 6	22 47	0 0	20 36	0 9	19 30	1 33	19 40	14 33	21 57	21 49	14 39	15 55	6 54
W14	12 31	24 3	0 55	11 20	0 27	2 30	1 12	15 51	1 32	23 36	0 6	22 47	0 0	20 36	0 9	19 30	1 33	19 39	14 33	21 58	21 50	14 36	15 54	6 54
T 15	12 51	21 6	0n19	10 51	0 9	2 23	1 3	15 38	1 33	23 36	0 6	22 46	0 0	20 35	0 9	19 30	1 33	19 39	14 33	21 58	21 50	14 34	15 53	6 55
F 16	13 10	16 52	1 32	10 22	0s 8	2 16	0 54	15 25	1 34	23 36	0 6	22 46	0 0	20 35	0 9	19 31	1 33	19 39	14 34	21 58	21 51	14 31	15 53	6 55
S 17	13 30	11 41	2 40	9 54	0 25	2 8	0 45	15 12	1 35	23 35	0 6	22 45	0 1	20 34	0 9	19 31	1 33	19 39	14 34	21 58	21 51	14 28	15 52	6 56
S 18	13 49	5 52	3 38	9 28	0 41	1 59	0 36	14 58	1 36	23 35	0 6	22 45	0 1	20 34	0 9	19 32	1 33	19 39	14 34	21 58	21 52	14 26	15 52	6 57
M19	14 8	0n16	4 23	9 3	0 57	1 50	0 28	14 45	1 38	23 35	0 7	22 45	0 1	20 34	0 9	19 32	1 33	19 39	14 35	21 59	21 52	14 23	15 51	6 57
T 20	14 27	6 20	4 52	8 40	1 13	1 40	0 20	14 31	1 39	23 35	0 7	22 44	0 1	20 33	0 9	19 32	1 33	19 38	14 35	22 0	21 53	14 20	15 51	6 58
W21	14 45	12 3	5 2	8 20	1 28	1 30	0 12	14 17	1 40	23 35	0 7	22 44	0 1	20 33	0 9	19 33	1 33	19 38	14 35	22 2	21 53	14 17	15 50	6 58
T 22	15 4	17 4	4 54	8 2	1 42	1 19	0 4	14 4	1 41	23 35	0 7	22 43	0 1	20 32	0 9	19 33	1 33	19 38	14 36	22 3	21 54	14 15	15 50	6 59
F 23	15 22	21 6	4 30	7 46	1 56	1 7	0s 4	13 50	1 42	23 35	0 7	22 43	0 1	20 32	0 9	19 34	1 33	19 38	14 36	22 5	21 54	14 12	15 49	6 59
S 24	15 39	23 55	3 51	7 33	2 8	0 55	0 11	13 36	1 43	23 35	0 7	22 43	0 1	20 31	0 9	19 34	1 33	19 38	14 36	22 6	21 55	14 9	15 49	7 0
S 25	15 57	25 22	3 0	7 22	2 20	0 43	0 18	13 22	1 44	23 35	0 7	22 42	0 1	20 31	0 9	19 34	1 33	19 38	14 36	22 7	21 55	14 7	15 48	7 1
M26	16 14	25 27	2 2	7 14	2 30	0 30	0 25	13 7	1 45	23 34	0 7	22 42	0 1	20 31	0 9	19 35	1 33	19 38	14 37	22 8	21 56	14 4	15 48	7 1
T 27	16 31	24 15	1 0	7 8	2 40	0 16	0 32	12 53	1 47	23 34	0 7	22 41	0 1	20 30	0 9	19 35	1 33	19 38	14 37	22 8	21 56	14 1	15 47	7 2
W28	16 48	21 56	0s 5	7 5	2 49	0 2	0 38	12 39	1 48	23 34	0 7	22 41	0 2	20 30	0 9	19 36	1 33	19 38	14 37	22 8	21 57	13 58	15 47	7 2
T 29	17 5	18 41	1 8	7 4	2 56	0n12	0 44	12 24	1 49	23 34	0 7	22 40	0 2	20 29	0 9	19 36	1 33	19 38	14 38	22 8	21 57	13 56	15 46	7 3
F 30	17n21	14n42	2s 8	7n 6	3s 3	0n27	0s50	12s10	1s50	23n33	0n 8	22n40	0n 2	20s29	0n 9	19n36	1s33	19s38	14s38	22s 8	21s58	13n53	15s46	7n 3

Julian Day Number = 2292033.5, Delta T = 151.96 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'44, Lahiri = 17°45'45 Julian Calendar 1 Apr. 1563 == Greg. Calendar 11 Apr. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

MAY 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 11 49	19♉21'29	25♌33	26♈ 8	3♈56	3♓39	4♋20	15♋15	2°R 1	4♊44	14♓21	19°R 3	20♑14	16♌16	13°R42	S 1
S 2	15 15 45	20°19'16	7♍27	26°39	4°49	4°22	4°31	15°21	1♐58	4°46	14°21	19♑ 2	20°11	16°23	13♑40	S 2
M 3	15 19 42	21°17'00	19°31	27°14	5°42	5° 4	4°43	15°26	1°56	4°48	14°22	18°58	20° 8	16°30	13°38	M 3
T 4	15 23 38	22°14'43	1♎49	27°53	6°35	5°47	4°54	15°32	1°54	4°50	14°23	18°52	20° 5	16°36	13°37	T 4
W 5	15 27 35	23°12'25	14°25	28°36	7°30	6°30	5° 6	15°38	1°51	4°52	14°24	18°44	20° 1	16°43	13°35	W 5
T 6	15 31 31	24°10'04	27°20	29°23	8°24	7°13	5°17	15°43	1°49	4°54	14°24	18°36	19°58	16°49	13°33	T 6
F 7	15 35 28	25° 7'43	10♏34	0♉13	9°20	7°56	5°29	15°49	1°46	4°57	14°25	18°26	19°55	16°56	13°31	F 7
S 8	15 39 24	26° 5'20	24° 7	1° 6	10°15	8°38	5°41	15°55	1°44	4°59	14°26	18°18	19°52	17° 3	13°29	S 8
S 9	15 43 21	27° 2'56	7♐56	2° 3	11°12	9°21	5°53	16° 1	1°41	5° 1	14°26	18°11	19°49	17° 9	13°27	S 9
M10	15 47 18	28° 0'31	21°58	3° 3	12° 8	10° 4	6° 5	16° 7	1°39	5° 3	14°27	18° 6	19°45	17°16	13°25	M10
T 11	15 51 14	28°58'05	6♑ 8	4° 7	13° 5	10°46	6°17	16°13	1°36	5° 6	14°27	18° 4	19°42	17°23	13°23	T 11
W12	15 55 11	29°55'38	20°22	5°13	14° 3	11°29	6°29	16°19	1°34	5° 8	14°28	18°D 3	19°39	17°29	13°21	W12
T 13	15 59 7	0♊53'09	4♒37	6°23	15° 1	12°11	6°41	16°25	1°31	5°10	14°29	18° 4	19°36	17°36	13°18	T 13
F 14	16 3 4	1°50'40	18°51	7°35	15°59	12°54	6°53	16°32	1°29	5°12	14°29	18° 5	19°33	17°43	13°16	F 14
S 15	16 7 0	2°48'11	3♓ 2	8°50	16°58	13°36	7° 5	16°38	1°26	5°15	14°30	18°R 6	19°30	17°49	13°13	S 15
S 16	16 10 57	3°45'40	17° 7	10° 8	17°57	14°18	7°17	16°44	1°24	5°17	14°30	18° 5	19°26	17°56	13°11	S 16
M17	16 14 54	4°43'08	1♈ 7	11°29	18°56	15° 1	7°30	16°51	1°21	5°19	14°31	18° 2	19°23	18° 3	13° 8	M17
T 18	16 18 50	5°40'36	14°58	12°52	19°56	15°43	7°42	16°57	1°19	5°21	14°31	17°58	19°20	18° 9	13° 6	T 18
W19	16 22 47	6°38'04	28°39	14°19	20°56	16°25	7°54	17° 4	1°16	5°24	14°31	17°52	19°17	18°16	13° 3	W19
T 20	16 26 43	7°35'30	12♉ 8	15°48	21°57	17° 7	8° 7	17°10	1°14	5°26	14°32	17°45	19°14	18°23	13° 0	T 20
F 21	16 30 40	8°32'56	25°24	17°19	22°57	17°49	8°19	17°17	1°12	5°28	14°32	17°39	19°10	18°29	12°58	F 21
S 22	16 34 36	9°30'21	8♊24	18°54	23°59	18°31	8°32	17°24	1° 9	5°30	14°33	17°33	19° 7	18°36	12°55	S 22
S 23	16 38 33	10°27'45	21° 9	20°31	25° 0	19°13	8°45	17°30	1° 7	5°33	14°33	17°29	19° 4	18°43	12°52	S 23
M24	16 42 29	11°25'08	3♋38	22°10	26° 1	19°55	8°57	17°37	1° 4	5°35	14°33	17°26	19° 1	18°49	12°49	M24
T 25	16 46 26	12°22'30	15°53	23°53	27° 3	20°36	9°10	17°44	1° 2	5°37	14°33	17°D25	18°58	18°56	12°46	T 25
W26	16 50 23	13°19'52	27°55	25°37	28° 5	21°18	9°23	17°51	0°59	5°39	14°34	17°26	18°55	19° 3	12°43	W26
T 27	16 54 19	14°17'12	9♌50	27°25	29° 8	22° 0	9°35	17°58	0°57	5°41	14°34	17°27	18°51	19° 9	12°40	T 27
F 28	16 58 16	15°14'31	21°40	29°15	0♉10	22°41	9°48	18° 5	0°55	5°44	14°34	17°29	18°48	19°16	12°37	F 28
S 29	17 2 12	16°11'50	3♍30	1♊ 7	1°13	23°22	10° 1	18°12	0°52	5°46	14°34	17°30	18°45	19°23	12°33	S 29
S 30	17 6 9	17° 9'07	15°24	3° 2	2°16	24° 4	10°14	18°19	0°50	5°48	14°34	17°R31	18°42	19°29	12°30	S 30
M31	17 10 5	18♊ 6'24	27♍29	4♊59	3♉20	24♓45	10♋27	18♋26	0♐47	5♊50	14♓35	17♑31	18♑39	19♌36	12♑27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n37	10n10	3s 3	7n10	3s 9	0n42	0s56	11s55	1s51	23n33	0n 8	22n39	0n 2	20s28	0n 9	19n37	1s33	19s38	14s38	22s 8	21s58	13n50	15s46	7n 4
S 2	17 52	5 15	3 49	7 17	3 14	0 58	1 2	11 40	1 52	23 33	0 8	22 39	0 2	20 28	0 9	19 37	1 33	19 38	14 39	22 9	21 59	13 48	15 45	7 5
M 3	18 7	0 4	4 27	7 26	3 18	1 14	1 7	11 26	1 53	23 33	0 8	22 38	0 2	20 27	0 9	19 38	1 33	19 38	14 39	22 9	21 59	13 45	15 45	7 5
T 4	18 22	5s12	4 52	7 37	3 22	1 31	1 13	11 11	1 54	23 32	0 8	22 38	0 2	20 27	0 9	19 38	1 33	19 38	14 39	22 10	22 0	13 42	15 44	7 6
W 5	18 37	10 22	5 5	7 49	3 24	1 47	1 18	10 56	1 55	23 32	0 8	22 37	0 2	20 26	0 9	19 39	1 33	19 38	14 40	22 11	22 0	13 39	15 44	7 6
T 6	18 52	15 14	5 2	8 4	3 26	2 4	1 23	10 41	1 56	23 32	0 8	22 36	0 2	20 26	0 9	19 39	1 33	19 38	14 40	22 12	22 0	13 37	15 44	7 7
F 7	19 6	19 31	4 44	8 21	3 26	2 22	1 27	10 26	1 58	23 31	0 8	22 36	0 2	20 25	0 9	19 39	1 33	19 38	14 40	22 13	22 1	13 34	15 43	7 7
S 8	19 19	22 52	4 9	8 40	3 26	2 40	1 32	10 11	1 59	23 31	0 8	22 35	0 2	20 25	0 9	19 40	1 33	19 38	14 41	22 15	22 1	13 31	15 43	7 8
S 9	19 33	24 57	3 19	9 0	3 26	2 58	1 36	9 56	2 0	23 30	0 8	22 35	0 3	20 24	0 9	19 40	1 33	19 38	14 41	22 16	22 2	13 28	15 43	7 8
M10	19 46	25 31	2 16	9 22	3 24	3 16	1 41	9 41	2 1	23 30	0 8	22 34	0 3	20 24	0 9	19 41	1 32	19 38	14 41	22 16	22 2	13 26	15 43	7 9
T 11	19 59	24 25	1 4	9 45	3 22	3 34	1 45	9 25	2 2	23 29	0 8	22 33	0 3	20 23	0 9	19 41	1 32	19 38	14 42	22 17	22 3	13 23	15 42	7 9
W12	20 11	21 45	0n12	10 10	3 19	3 53	1 49	9 10	2 3	23 29	0 9	22 33	0 3	20 23	0 9	19 41	1 32	19 38	14 42	22 17	22 3	13 20	15 42	7 10
T 13	20 23	17 43	1 28	10 36	3 15	4 12	1 52	8 55	2 4	23 28	0 9	22 32	0 3	20 22	0 9	19 42	1 32	19 38	14 43	22 16	22 4	13 17	15 42	7 10
F 14	20 35	12 42	2 39	11 4	3 11	4 31	1 56	8 40	2 5	23 28	0 9	22 31	0 3	20 22	0 9	19 42	1 32	19 38	14 43	22 16	22 4	13 15	15 42	7 11
S 15	20 46	7 1	3 39	11 32	3 6	4 51	1 59	8 24	2 6	23 27	0 9	22 31	0 3	20 21	0 9	19 43	1 32	19 38	14 43	22 16	22 5	13 12	15 41	7 11
S 16	20 57	1 1	4 26	12 2	3 1	5 10	2 2	8 9	2 7	23 27	0 9	22 30	0 3	20 21	0 9	19 43	1 32	19 39	14 44	22 16	22 5	13 9	15 41	7 11
M17	21 8	4n58	4 56	12 32	2 55	5 30	2 5	7 53	2 8	23 26	0 9	22 29	0 3	20 20	0 9	19 43	1 32	19 39	14 44	22 17	22 6	13 6	15 41	7 12
T 18	21 18	10 39	5 9	13 4	2 48	5 50	2 8	7 38	2 9	23 25	0 9	22 28	0 3	20 20	0 9	19 44	1 32	19 39	14 44	22 17	22 6	13 3	15 41	7 12
W19	21 28	15 45	5 4	13 36	2 41	6 10	2 11	7 22	2 10	23 25	0 9	22 28	0 3	20 19	0 9	19 44	1 32	19 39	14 45	22 18	22 6	13 1	15 41	7 13
T 20	21 38	19 59	4 42	14 10	2 33	6 30	2 13	7 7	2 11	23 24	0 9	22 27	0 3	20 19	0 9	19 45	1 32	19 39	14 45	22 19	22 7	12 58	15 40	7 13
F 21	21 47	23 7	4 5	14 43	2 25	6 51	2 16	6 51	2 13	23 23	0 9	22 26	0 4	20 18	0 9	19 45	1 32	19 39	14 45	22 20	22 7	12 55	15 40	7 14
S 22	21 56	24 59	3 16	15 17	2 17	7 11	2 18	6 36	2 14	23 23	0 9	22 25	0 4	20 18	0 9	19 45	1 32	19 40	14 46	22 21	22 8	12 52	15 40	7 14
S 23	22 4	25 30	2 18	15 52	2 8	7 31	2 20	6 20	2 15	23 22	0 10	22 25	0 4	20 17	0 9	19 46	1 32	19 40	14 46	22 21	22 8	12 50	15 40	7 14
M24	22 12	24 41	1 15	16 27	1 58	7 52	2 22	6 5	2 16	23 21	0 10	22 24	0 4	20 17	0 9	19 46	1 32	19 40	14 47	22 21	22 9	12 47	15 40	7 15
T 25	22 20	22 41	0 8	17 2	1 48	8 13	2 24	5 49	2 17	23 20	0 10	22 23	0 4	20 16	0 9	19 47	1 32	19 40	14 47	22 22	22 9	12 44	15 40	7 15
W26	22 27	19 42	0s57	17 37	1 38	8 33	2 26	5 34	2 18	23 20	0 10	22 22	0 4	20 16	0 9	19 47	1 32	19 41	14 47	22 21	22 10	12 41	15 40	7 15
T 27	22 34	15 55	2 0	18 12	1 28	8 54	2 27	5 18	2 19	23 19	0 10	22 21	0 4	20 16	0 9	19 47	1 32	19 41	14 48	22 21	22 10	12 38	15 40	7 16
F 28	22 41	11 32	2 56	18 47	1 17	9 14	2 29	5 3	2 20	23 18	0 10	22 20	0 4	20 15	0 9	19 48	1 32	19 41	14 48	22 21	22 10	12 36	15 40	7 16
S 29	22 47	6 44	3 46	19 21	1 6	9 35	2 30	4 47	2 21	23 17	0 10	22 20	0 4	20 15	0 9	19 48	1 32	19 41	14 48	22 21	22 11	12 33	15 39	7 17
S 30	22 52	1 41	4 26	19 55	0 55	9 56	2 31	4 32	2 22	23 16	0 10	22 19	0 4	20 14	0 9	19 49	1 32	19 42	14 49	22 21	22 11	12 30	15 39	7 17
M31	22n58	3s30	4s55	20n28	0s44	10n16	2s32	4s16	2s23	23n15	0n10	22n18	0n 4	20s14	0n 8	19n49	1s32	19s42	14s49	22s21	22s12	12n27	15s39	7n17

Julian Day Number = 2292063.5, Delta T = 151.79 sec
Ecliptic obliquity = 23°29'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'49, Lahiri = 17°45'49 Julian Calendar 1 May 1563 == Greg. Calendar 11 May 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

JUNE 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 14 2	19♊ 3'40	9♎47	6♊59	4♉23	25♓26	10♋40	18♋33	0°R45	5♊53	14♓35	17°R29	18♑36	19♘43	12°R24	T 1
W 2	17 17 58	20° 0'55	22°25	9° 0	5°27	26° 7	10°53	18°40	0♐43	5°55	14°35	17♑26	18°32	19°49	12♑20	W 2
T 3	17 21 55	20°58'09	5♏24	11° 4	6°31	26°48	11° 6	18°47	0°41	5°57	14°35	17°23	18°29	19°56	12°17	T 3
F 4	17 25 52	21°55'23	18°46	13° 9	7°35	27°29	11°19	18°54	0°38	5°59	14°35	17°19	18°26	20° 3	12°13	F 4
S 5	17 29 48	22°52'36	2♐31	15°16	8°40	28° 9	11°32	19° 2	0°36	6° 1	14°R35	17°15	18°23	20° 9	12°10	S 5
S 6	17 33 45	23°49'49	16°38	17°25	9°44	28°50	11°45	19° 9	0°34	6° 3	14°35	17°13	18°20	20°16	12° 7	S 6
M 7	17 37 41	24°47'01	1♑ 1	19°34	10°49	29°31	11°58	19°16	0°32	6° 6	14°35	17°11	18°16	20°23	12° 3	M 7
T 8	17 41 38	25°44'13	15°36	21°44	11°54	0♈11	12°11	19°24	0°29	6° 8	14°35	17°D10	18°13	20°29	12° 0	T 8
W 9	17 45 34	26°41'25	0♒16	23°55	12°59	0°51	12°25	19°31	0°27	6°10	14°35	17°11	18°10	20°36	11°56	W 9
T 10	17 49 31	27°38'36	14°55	26° 6	14° 4	1°31	12°38	19°38	0°25	6°12	14°35	17°12	18° 7	20°43	11°52	T 10
F 11	17 53 27	28°35'47	29°27	28°18	15°10	2°11	12°51	19°46	0°23	6°14	14°35	17°13	18° 4	20°49	11°49	F 11
S 12	17 57 24	29°32'59	13♓49	0♋29	16°16	2°51	13° 4	19°53	0°21	6°16	14°34	17°14	18° 1	20°56	11°45	S 12
S 13	18 1 21	0♋30'10	27°58	2°39	17°21	3°31	13°18	20° 1	0°19	6°18	14°34	17°R14	17°57	21° 3	11°42	S 13
M14	18 5 17	1°27'22	11♈52	4°49	18°27	4°11	13°31	20° 8	0°17	6°20	14°34	17°14	17°54	21° 9	11°38	M14
T 15	18 9 14	2°24'34	25°30	6°58	19°34	4°51	13°44	20°16	0°15	6°22	14°34	17°13	17°51	21°16	11°34	T 15
W16	18 13 10	3°21'46	8♉52	9° 5	20°40	5°30	13°57	20°23	0°13	6°24	14°34	17°12	17°48	21°23	11°30	W16
T 17	18 17 7	4°18'58	22° 0	11°12	21°46	6° 9	14°11	20°31	0°11	6°27	14°33	17°10	17°45	21°29	11°27	T 17
F 18	18 21 3	5°16'10	4♊52	13°16	22°53	6°48	14°24	20°39	0° 9	6°29	14°33	17° 8	17°42	21°36	11°23	F 18
S 19	18 25 0	6°13'23	17°31	15°20	24° 0	7°27	14°37	20°46	0° 7	6°31	14°33	17° 7	17°38	21°43	11°19	S 19
S 20	18 28 56	7°10'35	29°58	17°21	25° 7	8° 6	14°51	20°54	0° 6	6°33	14°32	17° 6	17°35	21°49	11°16	S 20
M21	18 32 53	8° 7'48	12♋12	19°21	26°14	8°45	15° 4	21° 1	0° 4	6°35	14°32	17°D 6	17°32	21°56	11°12	M21
T 22	18 36 50	9° 5'01	24°17	21°19	27°21	9°23	15°18	21° 9	0° 2	6°37	14°32	17° 6	17°29	22° 3	11° 8	T 22
W23	18 40 46	10° 2'14	6♌14	23°15	28°28	10° 2	15°31	21°17	0° 0	6°38	14°31	17° 6	17°26	22° 9	11° 4	W23
T 24	18 44 43	10°59'27	18° 6	25° 9	29°35	10°40	15°44	21°25	29♏59	6°40	14°31	17° 7	17°23	22°16	11° 1	T 24
F 25	18 48 39	11°56'40	29°54	27° 2	0♊43	11°18	15°58	21°32	29°57	6°42	14°30	17° 7	17°19	22°23	10°57	F 25
S 26	18 52 36	12°53'52	11♍44	28°52	1°51	11°56	16°11	21°40	29°55	6°44	14°30	17° 8	17°16	22°29	10°53	S 26
S 27	18 56 32	13°51'05	23°39	0♌41	2°58	12°34	16°25	21°48	29°54	6°46	14°30	17° 8	17°13	22°36	10°49	S 27
M28	19 0 29	14°48'18	5♎42	2°27	4° 6	13°11	16°38	21°55	29°52	6°48	14°29	17° 8	17°10	22°43	10°46	M28
T 29	19 4 25	15°45'31	17°59	4°12	5°14	13°48	16°52	22° 3	29°51	6°50	14°29	17°R 8	17° 7	22°50	10°42	T 29
W30	19 8 22	16♋42'44	0♏34	5♌55	6♊22	14♈25	17♋ 5	22♋11	29♏49	6♊52	14♓28	17°D 8	17♑ 3	22♘56	10♑38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 3	8s39	5s11	20n59	0s33	10n37	2s33	4s 1	2s24	23n14	0n10	22n17	0n 5	20s13	0n 8	19n49	1s32	19s42	14s49	22s21	22s12	12n25	15s39	7n17
W 2	23 7	13 34	5 13	21 30	0 22	10 57	2 34	3 45	2 25	23 13	0 10	22 16	0 5	20 13	0 8	19 50	1 32	19 42	14 50	22 21	22 13	12 22	15 39	7 18
T 3	23 11	18 2	4 58	21 59	0 10	11 18	2 34	3 30	2 26	23 12	0 10	22 15	0 5	20 12	0 8	19 50	1 32	19 43	14 50	22 22	22 13	12 19	15 39	7 18
F 4	23 15	21 44	4 28	22 27	0n 1	11 38	2 35	3 15	2 27	23 11	0 11	22 14	0 5	20 12	0 8	19 50	1 32	19 43	14 51	22 22	22 13	12 16	15 39	7 18
S 5	23 18	24 20	3 41	22 52	0 11	11 59	2 35	2 59	2 27	23 10	0 11	22 13	0 5	20 11	0 8	19 51	1 32	19 43	14 51	22 23	22 14	12 13	15 39	7 19
S 6	23 21	25 29	2 40	23 16	0 22	12 19	2 35	2 44	2 28	23 9	0 11	22 12	0 5	20 11	0 8	19 51	1 32	19 44	14 51	22 23	22 14	12 11	15 40	7 19
M 7	23 24	24 57	1 28	23 37	0 32	12 39	2 35	2 29	2 29	23 8	0 11	22 11	0 5	20 10	0 8	19 51	1 32	19 44	14 52	22 23	22 15	12 8	15 40	7 19
T 8	23 26	22 44	0 9	23 56	0 42	12 59	2 35	2 13	2 30	23 7	0 11	22 10	0 5	20 10	0 8	19 52	1 32	19 44	14 52	22 23	22 15	12 5	15 40	7 19
W 9	23 27	18 59	1n12	24 13	0 51	13 18	2 35	1 58	2 31	23 6	0 11	22 10	0 5	20 9	0 8	19 52	1 32	19 45	14 52	22 23	22 16	12 2	15 40	7 19
T 10	23 29	14 3	2 27	24 27	1 0	13 38	2 35	1 43	2 32	23 5	0 11	22 9	0 5	20 9	0 8	19 53	1 33	19 45	14 53	22 23	22 16	11 59	15 40	7 20
F 11	23 29	8 22	3 33	24 38	1 8	13 58	2 35	1 28	2 33	23 4	0 11	22 8	0 5	20 9	0 8	19 53	1 33	19 46	14 53	22 23	22 16	11 57	15 40	7 20
S 12	23 30	2 19	4 24	24 46	1 16	14 17	2 34	1 13	2 34	23 2	0 11	22 7	0 5	20 8	0 8	19 53	1 33	19 46	14 54	22 23	22 17	11 54	15 40	7 20
S 13	23 30	3n45	4 58	24 51	1 23	14 36	2 34	0 58	2 35	23 1	0 11	22 6	0 6	20 8	0 8	19 54	1 33	19 46	14 54	22 23	22 17	11 51	15 40	7 20
M14	23 29	9 31	5 15	24 54	1 29	14 55	2 33	0 43	2 36	23 0	0 11	22 5	0 6	20 7	0 8	19 54	1 33	19 47	14 54	22 23	22 18	11 48	15 40	7 20
T 15	23 28	14 44	5 13	24 53	1 35	15 13	2 32	0 28	2 36	22 59	0 12	22 3	0 6	20 7	0 8	19 54	1 33	19 47	14 55	22 23	22 18	11 45	15 41	7 21
W16	23 27	19 7	4 54	24 50	1 39	15 32	2 31	0 13	2 37	22 57	0 12	22 2	0 6	20 7	0 8	19 55	1 33	19 48	14 55	22 23	22 19	11 42	15 41	7 21
T 17	23 26	22 29	4 20	24 44	1 43	15 50	2 30	0n 2	2 38	22 56	0 12	22 1	0 6	20 6	0 8	19 55	1 33	19 48	14 55	22 23	22 19	11 40	15 41	7 21
F 18	23 23	24 39	3 33	24 36	1 47	16 8	2 29	0 16	2 39	22 55	0 12	22 0	0 6	20 6	0 8	19 55	1 33	19 48	14 56	22 24	22 19	11 37	15 41	7 21
S 19	23 21	25 31	2 37	24 25	1 49	16 25	2 28	0 31	2 40	22 53	0 12	21 59	0 6	20 5	0 8	19 56	1 33	19 49	14 56	22 24	22 20	11 34	15 41	7 21
S 20	23 18	25 3	1 34	24 12	1 51	16 43	2 27	0 46	2 41	22 52	0 12	21 58	0 6	20 5	0 8	19 56	1 33	19 49	14 56	22 24	22 20	11 31	15 41	7 21
M21	23 15	23 23	0 27	23 57	1 52	17 0	2 25	1 0	2 41	22 51	0 12	21 57	0 6	20 5	0 8	19 56	1 33	19 50	14 57	22 24	22 21	11 28	15 42	7 21
T 22	23 11	20 39	0s40	23 39	1 53	17 17	2 24	1 15	2 42	22 49	0 12	21 56	0 6	20 4	0 8	19 57	1 33	19 50	14 57	22 24	22 21	11 26	15 42	7 21
W23	23 7	17 5	1 44	23 20	1 52	17 33	2 23	1 29	2 43	22 48	0 12	21 55	0 6	20 4	0 8	19 57	1 33	19 51	14 57	22 24	22 21	11 23	15 42	7 21
T 24	23 2	12 51	2 44	22 59	1 51	17 49	2 21	1 43	2 44	22 46	0 12	21 54	0 6	20 4	0 8	19 57	1 33	19 51	14 58	22 24	22 22	11 20	15 42	7 21
F 25	22 57	8 10	3 36	22 36	1 50	18 5	2 19	1 57	2 45	22 45	0 12	21 53	0 7	20 3	0 8	19 57	1 33	19 52	14 58	22 24	22 22	11 17	15 43	7 21
S 26	22 52	3 11	4 19	22 11	1 48	18 20	2 17	2 11	2 45	22 43	0 13	21 51	0 7	20 3	0 8	19 58	1 33	19 52	14 58	22 24	22 23	11 14	15 43	7 21
S 27	22 46	1s56	4 51	21 45	1 45	18 35	2 16	2 25	2 46	22 42	0 13	21 50	0 7	20 3	0 8	19 58	1 33	19 53	14 59	22 24	22 23	11 11	15 43	7 21
M28	22 40	7 2	5 11	21 18	1 41	18 50	2 14	2 39	2 47	22 40	0 13	21 49	0 7	20 2	0 8	19 58	1 33	19 53	14 59	22 24	22 24	11 9	15 44	7 21
T 29	22 34	11 57	5 17	20 50	1 37	19 4	2 12	2 53	2 48	22 39	0 13	21 48	0 7	20 2	0 8	19 59	1 33	19 54	14 59	22 24	22 24	11 6	15 44	7 21
W30	22n27	16s31	5s 9	20n20	1n33	19n18	2s10	3n 7	2s48	22n37	0n13	21n47	0n 7	20s 2	0n 8	19n59	1s33	19s54	15s 0	22s24	22s24	11n 3	15s44	7n21

Julian Day Number = 2292094.5, Delta T = 151.62 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'53, Lahiri = 17°45'53 Julian Calendar 1 June 1563 == Greg. Calendar 11 June 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

JULY 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 12 19	17♋39'57	13♏31	7♌36	7♊31	15♈ 2	17♋18	22♋19	29°R48	6♊53	14°R27	17♉ 8	17♉ 0	23♌ 3	10°R34	T 1
F 2	19 16 15	18°37'11	26°52	9°15	8°39	15°39	17°32	22°26	29♏47	6°55	14♓27	17° 8	16°57	23°10	10♉31	F 2
S 3	19 20 12	19°34'24	10♐39	10°52	9°47	16°16	17°45	22°34	29°45	6°57	14°26	17° 9	16°54	23°16	10°27	S 3
S 4	19 24 8	20°31'38	24°51	12°27	10°56	16°52	17°59	22°42	29°44	6°59	14°26	17° 9	16°51	23°23	10°23	S 4
M 5	19 28 5	21°28'53	9♑26	14° 0	12° 5	17°28	18°12	22°50	29°43	7° 0	14°25	17° 9	16°48	23°30	10°20	M 5
T 6	19 32 1	22°26'08	24°18	15°31	13°13	18° 4	18°26	22°58	29°42	7° 2	14°24	17°R 9	16°44	23°36	10°16	T 6
W 7	19 35 58	23°23'23	9♒19	17° 0	14°22	18°40	18°39	23° 5	29°40	7° 4	14°24	17° 9	16°41	23°43	10°12	W 7
T 8	19 39 55	24°20'39	24°21	18°27	15°31	19°15	18°52	23°13	29°39	7° 6	14°23	17° 8	16°38	23°50	10° 9	T 8
F 9	19 43 51	25°17'56	9♓16	19°53	16°40	19°50	19° 6	23°21	29°38	7° 7	14°22	17° 7	16°35	23°56	10° 5	F 9
S 10	19 47 48	26°15'13	23°56	21°16	17°50	20°26	19°19	23°29	29°37	7° 9	14°22	17° 6	16°32	24° 3	10° 2	S 10
S 11	19 51 44	27°12'32	8♈16	22°37	18°59	21° 0	19°32	23°36	29°36	7°10	14°21	17° 6	16°28	24°10	9°58	S 11
M12	19 55 41	28° 9'51	22°14	23°56	20° 8	21°35	19°46	23°44	29°35	7°12	14°20	17°D 5	16°25	24°16	9°55	M12
T 13	19 59 37	29° 7'12	5♉49	25°13	21°18	22° 9	19°59	23°52	29°34	7°13	14°19	17° 5	16°22	24°23	9°51	T 13
W14	20 3 34	0♌ 4'34	19° 2	26°28	22°27	22°43	20°12	24° 0	29°34	7°15	14°18	17° 6	16°19	24°30	9°48	W14
T 15	20 7 30	1° 1'57	1♊55	27°41	23°37	23°17	20°26	24° 8	29°33	7°17	14°18	17° 7	16°16	24°36	9°45	T 15
F 16	20 11 27	1°59'21	14°31	28°51	24°47	23°50	20°39	24°15	29°32	7°18	14°17	17° 8	16°13	24°43	9°41	F 16
S 17	20 15 24	2°56'46	26°54	29°59	25°57	24°24	20°52	24°23	29°31	7°19	14°16	17° 9	16° 9	24°50	9°38	S 17
S 18	20 19 20	3°54'12	9♋ 5	1♍ 5	27° 7	24°56	21° 6	24°31	29°31	7°21	14°15	17°10	16° 6	24°56	9°35	S 18
M19	20 23 17	4°51'40	21° 7	2° 7	28°17	25°29	21°19	24°38	29°30	7°22	14°14	17°R10	16° 3	25° 3	9°32	M19
T 20	20 27 13	5°49'08	3♌ 3	3° 8	29°27	26° 1	21°32	24°46	29°30	7°24	14°13	17° 9	16° 0	25°10	9°28	T 20
W21	20 31 10	6°46'37	14°54	4° 5	0♋37	26°33	21°45	24°54	29°29	7°25	14°12	17° 8	15°57	25°16	9°25	W21
T 22	20 35 6	7°44'07	26°43	4°59	1°47	27° 5	21°58	25° 1	29°29	7°26	14°11	17° 5	15°54	25°23	9°22	T 22
F 23	20 39 3	8°41'38	8♍33	5°51	2°58	27°36	22°11	25° 9	29°28	7°28	14°10	17° 2	15°50	25°30	9°19	F 23
S 24	20 42 59	9°39'10	20°24	6°39	4° 8	28° 7	22°25	25°17	29°28	7°29	14° 9	16°58	15°47	25°36	9°16	S 24
S 25	20 46 56	10°36'43	2♎20	7°24	5°19	28°38	22°38	25°24	29°28	7°30	14° 8	16°54	15°44	25°43	9°13	S 25
M26	20 50 53	11°34'17	14°25	8° 5	6°29	29° 8	22°51	25°32	29°28	7°31	14° 7	16°51	15°41	25°50	9°10	M26
T 27	20 54 49	12°31'52	26°41	8°42	7°40	29°38	23° 4	25°40	29°27	7°32	14° 6	16°49	15°38	25°56	9° 7	T 27
W28	20 58 46	13°29'28	9♏13	9°16	8°51	0♉ 8	23°17	25°47	29°27	7°34	14° 5	16°D48	15°34	26° 3	9° 5	W28
T 29	21 2 42	14°27'05	22° 4	9°45	10° 2	0°37	23°30	25°55	29°27	7°35	14° 4	16°48	15°31	26°10	9° 2	T 29
F 30	21 6 39	15°24'42	5♐19	10°10	11°13	1° 6	23°42	26° 2	29°D27	7°36	14° 3	16°49	15°28	26°16	8°59	F 30
S 31	21 10 35	16♌22'21	18♐59	10♍30	12♋24	1♉35	23♋55	26♋10	29♏27	7♊37	14♓ 2	16♉51	15♉25	26♌23	8♉57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n20	20s27	4s45	19n50	1n28	19n31	2s 8	3n20	2s49	22n35	0n13	21n46	0n 7	20s 1	0n 8	19n59	1s33	19s55	15s 0	22s24	22s25	11n 0	15s44	7n21
F 2	22 12	23 28	4 5	19 19	1 23	19 44	2 5	3 34	2 50	22 34	0 13	21 44	0 7	20 1	0 8	19 59	1 33	19 55	15 0	22 24	22 25	10 57	15 45	7 21
S 3	22 4	25 13	3 9	18 47	1 17	19 56	2 3	3 47	2 50	22 32	0 13	21 43	0 7	20 1	0 8	20 0	1 33	19 56	15 1	22 24	22 26	10 54	15 45	7 21
S 4	21 55	25 24	2 1	18 14	1 10	20 9	2 1	4 1	2 51	22 30	0 13	21 42	0 7	20 1	0 8	20 0	1 33	19 56	15 1	22 24	22 26	10 52	15 45	7 21
M 5	21 47	23 52	0 43	17 41	1 3	20 20	1 58	4 14	2 52	22 29	0 13	21 41	0 7	20 0	0 8	20 0	1 33	19 57	15 1	22 24	22 26	10 49	15 46	7 21
T 6	21 37	20 40	0n40	17 7	0 56	20 31	1 56	4 27	2 52	22 27	0 13	21 40	0 8	20 0	0 8	20 0	1 33	19 57	15 2	22 24	22 27	10 46	15 46	7 21
W 7	21 28	16 2	2 0	16 33	0 48	20 42	1 54	4 40	2 53	22 25	0 14	21 38	0 8	20 0	0 8	20 1	1 33	19 58	15 2	22 24	22 27	10 43	15 47	7 21
T 8	21 18	10 25	3 12	15 58	0 40	20 52	1 51	4 53	2 53	22 23	0 14	21 37	0 8	20 0	0 8	20 1	1 33	19 58	15 2	22 24	22 28	10 40	15 47	7 21
F 9	21 8	4 15	4 11	15 24	0 32	21 2	1 48	5 5	2 54	22 22	0 14	21 36	0 8	20 0	0 8	20 1	1 33	19 59	15 3	22 24	22 28	10 37	15 47	7 21
S 10	20 57	2n 3	4 52	14 49	0 23	21 11	1 46	5 18	2 55	22 20	0 14	21 35	0 8	19 59	0 8	20 1	1 33	20 0	15 3	22 24	22 28	10 34	15 48	7 21
S 11	20 46	8 5	5 13	14 14	0 14	21 20	1 43	5 31	2 55	22 18	0 14	21 34	0 8	19 59	0 8	20 2	1 33	20 0	15 3	22 24	22 29	10 32	15 48	7 20
M12	20 35	13 33	5 16	13 39	0 5	21 28	1 40	5 43	2 56	22 16	0 14	21 32	0 8	19 59	0 8	20 2	1 33	20 1	15 3	22 24	22 29	10 29	15 48	7 20
T 13	20 23	18 12	5 0	13 4	0s 5	21 35	1 38	5 55	2 56	22 14	0 14	21 31	0 8	19 59	0 8	20 2	1 33	20 1	15 4	22 24	22 29	10 26	15 49	7 20
W14	20 11	21 50	4 29	12 30	0 15	21 42	1 35	6 7	2 57	22 12	0 14	21 30	0 8	19 59	0 8	20 2	1 33	20 2	15 4	22 24	22 30	10 23	15 49	7 20
T 15	19 59	24 16	3 45	11 55	0 25	21 49	1 32	6 19	2 57	22 11	0 14	21 28	0 8	19 58	0 8	20 2	1 33	20 2	15 4	22 24	22 30	10 20	15 50	7 20
F 16	19 46	25 26	2 51	11 21	0 35	21 55	1 29	6 31	2 58	22 9	0 14	21 27	0 8	19 58	0 8	20 3	1 33	20 3	15 5	22 24	22 31	10 17	15 50	7 19
S 17	19 33	25 17	1 50	10 47	0 46	22 0	1 26	6 43	2 58	22 7	0 15	21 26	0 8	19 58	0 8	20 3	1 33	20 4	15 5	22 24	22 31	10 14	15 51	7 19
S 18	19 19	23 56	0 45	10 14	0 57	22 5	1 23	6 54	2 59	22 5	0 15	21 25	0 9	19 58	0 8	20 3	1 34	20 4	15 5	22 23	22 31	10 12	15 51	7 19
M19	19 6	21 28	0s22	9 42	1 8	22 9	1 20	7 6	2 59	22 3	0 15	21 23	0 9	19 58	0 8	20 3	1 34	20 5	15 5	22 23	22 32	10 9	15 52	7 19
T 20	18 52	18 7	1 27	9 10	1 19	22 13	1 17	7 17	3 0	22 1	0 15	21 22	0 9	19 58	0 8	20 3	1 34	20 5	15 6	22 24	22 32	10 6	15 52	7 19
W21	18 37	14 3	2 27	8 38	1 30	22 16	1 14	7 28	3 0	21 59	0 15	21 21	0 9	19 58	0 8	20 4	1 34	20 6	15 6	22 24	22 33	10 3	15 52	7 18
T 22	18 23	9 29	3 21	8 8	1 41	22 18	1 11	7 39	3 0	21 57	0 15	21 19	0 9	19 58	0 8	20 4	1 34	20 7	15 6	22 24	22 33	10 0	15 53	7 18
F 23	18 8	4 35	4 6	7 38	1 53	22 20	1 8	7 50	3 1	21 55	0 15	21 18	0 9	19 58	0 8	20 4	1 34	20 7	15 6	22 25	22 33	9 57	15 53	7 18
S 24	17 53	0s30	4 41	7 10	2 4	22 21	1 5	8 1	3 1	21 53	0 15	21 17	0 9	19 58	0 8	20 4	1 34	20 8	15 7	22 25	22 34	9 54	15 54	7 17
S 25	17 37	5 35	5 4	6 43	2 16	22 22	1 2	8 11	3 2	21 51	0 15	21 16	0 9	19 58	0 8	20 4	1 34	20 8	15 7	22 25	22 34	9 52	15 54	7 17
M26	17 21	10 31	5 14	6 17	2 28	22 22	0 59	8 21	3 2	21 49	0 15	21 14	0 9	19 58	0 8	20 4	1 34	20 9	15 7	22 26	22 34	9 49	15 55	7 17
T 27	17 5	15 7	5 9	5 52	2 39	22 21	0 55	8 32	3 2	21 47	0 16	21 13	0 9	19 58	0 8	20 5	1 34	20 9	15 7	22 26	22 35	9 46	15 55	7 17
W28	16 49	19 11	4 50	5 29	2 50	22 20	0 52	8 42	3 3	21 45	0 16	21 12	0 9	19 57	0 8	20 5	1 34	20 10	15 7	22 26	22 35	9 43	15 56	7 16
T 29	16 32	22 28	4 17	5 8	3 2	22 18	0 49	8 52	3 3	21 42	0 16	21 10	0 10	19 57	0 8	20 5	1 34	20 11	15 8	22 26	22 35	9 40	15 56	7 16
F 30	16 15	24 39	3 28	4 48	3 13	22 16	0 46	9 1	3 3	21 40	0 16	21 9	0 10	19 57	0 8	20 5	1 34	20 11	15 8	22 26	22 36	9 37	15 57	7 16
S 31	15n58	25s29	2s27	4n30	3s23	22n12	0s43	9n11	3s 3	21n38	0n16	21n 8	0n10	19s58	0n 8	20n 5	1s34	20s12	15s 8	22s26	22s36	9n34	15s57	7n15

Julian Day Number = 2292124.5, Delta T = 151.45 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°38'57, Lahiri = 17°45'57 Julian Calendar 1 July 1563 == Greg. Calendar 11 July 1563

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1563
geocentric

AUGUST 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 14 32	17♌20'01	3♑ 6	10♍46	13♋35	2♉ 3	24♋ 8	26♋17	29♏27	7♊38	14°R 1	16♑52	15♑22	26♌30	8°R54	S 1
M 2	21 18 28	18°17'42	17°39	10°56	14°46	2°30	24°21	26°25	29°27	7°39	14♓ 0	16°R53	15°19	26°36	8♑52	M 2
T 3	21 22 25	19°15'24	2♒34	11°R 1	15°57	2°58	24°34	26°32	29°28	7°40	13°59	16°52	15°15	26°43	8°49	T 3
W 4	21 26 22	20°13'08	17°44	11° 1	17° 9	3°25	24°46	26°39	29°28	7°41	13°58	16°50	15°12	26°50	8°47	W 4
T 5	21 30 18	21°10'52	2♓59	10°55	18°20	3°51	24°59	26°47	29°28	7°42	13°57	16°46	15° 9	26°57	8°44	T 5
F 6	21 34 15	22° 8'38	18°10	10°43	19°32	4°17	25°12	26°54	29°29	7°43	13°56	16°41	15° 6	27° 3	8°42	F 6
S 7	21 38 11	23° 6'26	3♈ 7	10°26	20°43	4°43	25°24	27° 1	29°29	7°44	13°55	16°36	15° 3	27°10	8°40	S 7
S 8	21 42 8	24° 4'15	17°42	10° 3	21°55	5° 8	25°37	27° 8	29°29	7°44	13°53	16°31	15° 0	27°17	8°38	S 8
M 9	21 46 4	25° 2'06	1♉49	9°33	23° 7	5°33	25°49	27°16	29°30	7°45	13°52	16°28	14°56	27°23	8°36	M 9
T 10	21 50 1	25°59'59	15°29	8°59	24°18	5°57	26° 2	27°23	29°30	7°46	13°51	16°25	14°53	27°30	8°34	T 10
W11	21 53 57	26°57'54	28°42	8°19	25°30	6°20	26°14	27°30	29°31	7°47	13°50	16°D25	14°50	27°37	8°32	W11
T 12	21 57 54	27°55'51	11♊30	7°34	26°42	6°44	26°27	27°37	29°32	7°47	13°49	16°26	14°47	27°43	8°30	T 12
F 13	22 1 51	28°53'50	23°59	6°45	27°54	7° 6	26°39	27°44	29°32	7°48	13°48	16°27	14°44	27°50	8°28	F 13
S 14	22 5 47	29°51'50	6♋11	5°53	29° 6	7°28	26°51	27°51	29°33	7°49	13°46	16°28	14°40	27°57	8°27	S 14
S 15	22 9 44	0♍49'52	18°13	4°58	0♌18	7°50	27° 3	27°58	29°34	7°49	13°45	16°R29	14°37	28° 3	8°25	S 15
M16	22 13 40	1°47'56	0♌ 7	4° 2	1°31	8°11	27°15	28° 5	29°35	7°50	13°44	16°28	14°34	28°10	8°23	M16
T 17	22 17 37	2°46'02	11°57	3° 5	2°43	8°31	27°28	28°12	29°36	7°50	13°43	16°25	14°31	28°17	8°22	T 17
W18	22 21 33	3°44'10	23°46	2° 8	3°55	8°51	27°40	28°19	29°37	7°51	13°42	16°19	14°28	28°23	8°21	W18
T 19	22 25 30	4°42'19	5♍35	1°14	5° 8	9°11	27°51	28°26	29°38	7°51	13°40	16°12	14°25	28°30	8°19	T 19
F 20	22 29 26	5°40'30	17°28	0°23	6°20	9°29	28° 3	28°33	29°39	7°52	13°39	16° 3	14°21	28°37	8°18	F 20
S 21	22 33 23	6°38'43	29°24	29♌37	7°33	9°47	28°15	28°39	29°40	7°52	13°38	15°53	14°18	28°43	8°17	S 21
S 22	22 37 20	7°36'57	11♎27	28°56	8°46	10° 5	28°27	28°46	29°41	7°52	13°37	15°44	14°15	28°50	8°16	S 22
M23	22 41 16	8°35'13	23°37	28°22	9°58	10°21	28°39	28°52	29°42	7°53	13°36	15°35	14°12	28°57	8°15	M23
T 24	22 45 13	9°33'31	5♏58	27°55	11°11	10°38	28°50	28°59	29°43	7°53	13°34	15°28	14° 9	29° 3	8°14	T 24
W25	22 49 9	10°31'50	18°31	27°36	12°24	10°53	29° 2	29° 6	29°45	7°53	13°33	15°24	14° 6	29°10	8°13	W25
T 26	22 53 6	11°30'11	1♐20	27°26	13°37	11° 8	29°13	29°12	29°46	7°54	13°32	15°21	14° 2	29°17	8°12	T 26
F 27	22 57 2	12°28'33	14°29	27°D25	14°50	11°22	29°25	29°18	29°47	7°54	13°31	15°D21	13°59	29°24	8°11	F 27
S 28	23 0 59	13°26'57	28° 0	27°33	16° 3	11°35	29°36	29°25	29°49	7°54	13°29	15°21	13°56	29°30	8°11	S 28
S 29	23 4 55	14°25'23	11♑55	27°50	17°16	11°48	29°47	29°31	29°50	7°54	13°28	15°R22	13°53	29°37	8°10	S 29
M30	23 8 52	15°23'50	26°16	28°16	18°29	12° 0	29°58	29°37	29°52	7°54	13°27	15°22	13°50	29°44	8°10	M30
T 31	23 12 49	16♍22'19	11♒ 0	28♌52	19♌42	12♉11	0♌10	29♋44	29♏54	7♊54	13♓26	15♑19	13♑46	29♌50	8♑ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n41	24s42	1s15	4n15	3s34	22n 9	0s40	9n21	3s 3	21n36	0n16	21n 6	0n10	19s58	0n 8	20n 5	1s34	20s12	15s 8	22s26	22s37	9n31	15s58	7n15
M 2	15 23	22 16	0n 4	4 2	3 44	22 4	0 36	9 30	3 4	21 34	0 16	21 5	0 10	19 58	0 8	20 5	1 34	20 13	15 8	22 26	22 37	9 29	15 58	7 15
T 3	15 5	18 16	1 25	3 51	3 53	21 59	0 33	9 39	3 4	21 32	0 16	21 4	0 10	19 58	0 8	20 6	1 34	20 14	15 9	22 26	22 37	9 26	15 59	7 14
W 4	14 47	13 0	2 41	3 43	4 2	21 54	0 30	9 48	3 4	21 30	0 16	21 2	0 10	19 58	0 8	20 6	1 34	20 14	15 9	22 26	22 38	9 23	15 59	7 14
T 5	14 28	6 56	3 45	3 38	4 10	21 48	0 27	9 57	3 4	21 27	0 17	21 1	0 10	19 58	0 8	20 6	1 34	20 15	15 9	22 27	22 38	9 20	16 0	7 13
F 6	14 10	0 29	4 34	3 36	4 17	21 41	0 24	10 5	3 4	21 25	0 17	21 0	0 10	19 58	0 7	20 6	1 34	20 15	15 9	22 27	22 38	9 17	16 1	7 13
S 7	13 51	5n52	5 3	3 37	4 23	21 33	0 21	10 14	3 4	21 23	0 17	20 59	0 10	19 58	0 7	20 6	1 34	20 16	15 9	22 28	22 39	9 14	16 1	7 13
S 8	13 32	11 45	5 11	3 41	4 28	21 25	0 17	10 22	3 4	21 21	0 17	20 57	0 11	19 58	0 7	20 6	1 34	20 17	15 9	22 28	22 39	9 11	16 2	7 12
M 9	13 12	16 49	5 0	3 48	4 32	21 17	0 14	10 30	3 4	21 19	0 17	20 56	0 11	19 58	0 7	20 6	1 34	20 17	15 10	22 29	22 39	9 8	16 2	7 12
T 10	12 53	20 51	4 32	3 59	4 34	21 7	0 11	10 38	3 4	21 16	0 17	20 55	0 11	19 58	0 7	20 6	1 34	20 18	15 10	22 29	22 40	9 6	16 3	7 11
W11	12 33	23 40	3 51	4 13	4 35	20 57	0 8	10 46	3 4	21 14	0 17	20 53	0 11	19 58	0 7	20 6	1 35	20 18	15 10	22 29	22 40	9 3	16 3	7 11
T 12	12 13	25 10	2 58	4 31	4 34	20 47	0 5	10 54	3 4	21 12	0 17	20 52	0 11	19 59	0 7	20 6	1 35	20 19	15 10	22 29	22 41	9 0	16 4	7 10
F 13	11 53	25 21	1 59	4 51	4 31	20 36	0 2	11 1	3 4	21 10	0 18	20 51	0 11	19 59	0 7	20 6	1 35	20 19	15 10	22 29	22 41	8 57	16 4	7 10
S 14	11 33	24 17	0 56	5 15	4 26	20 24	0n 1	11 8	3 4	21 8	0 18	20 49	0 11	19 59	0 7	20 6	1 35	20 20	15 10	22 29	22 41	8 54	16 5	7 10
S 15	11 12	22 6	0s 9	5 41	4 19	20 12	0 4	11 15	3 4	21 5	0 18	20 48	0 11	19 59	0 7	20 6	1 35	20 21	15 10	22 29	22 42	8 51	16 5	7 9
M16	10 52	18 59	1 13	6 10	4 11	19 59	0 7	11 22	3 4	21 3	0 18	20 47	0 11	19 59	0 7	20 7	1 35	20 21	15 10	22 29	22 42	8 48	16 6	7 9
T 17	10 31	15 7	2 13	6 40	4 0	19 46	0 10	11 29	3 4	21 1	0 18	20 45	0 11	20 0	0 7	20 7	1 35	20 22	15 10	22 29	22 42	8 45	16 6	7 8
W18	10 10	10 41	3 7	7 11	3 48	19 32	0 13	11 35	3 3	20 59	0 18	20 44	0 12	20 0	0 7	20 7	1 35	20 22	15 11	22 30	22 43	8 42	16 7	7 8
T 19	9 48	5 52	3 53	7 43	3 34	19 17	0 16	11 42	3 3	20 56	0 18	20 43	0 12	20 0	0 7	20 7	1 35	20 23	15 11	22 31	22 43	8 40	16 8	7 7
F 20	9 27	0 50	4 29	8 16	3 19	19 2	0 19	11 48	3 3	20 54	0 18	20 42	0 12	20 0	0 7	20 7	1 35	20 23	15 11	22 32	22 43	8 37	16 8	7 7
S 21	9 6	4s15	4 54	8 48	3 2	18 46	0 21	11 54	3 2	20 52	0 18	20 40	0 12	20 1	0 7	20 7	1 35	20 24	15 11	22 33	22 44	8 34	16 9	7 6
S 22	8 44	9 13	5 5	9 18	2 44	18 30	0 24	12 0	3 2	20 49	0 19	20 39	0 12	20 1	0 7	20 7	1 35	20 25	15 11	22 34	22 44	8 31	16 9	7 6
M23	8 22	13 53	5 3	9 48	2 26	18 13	0 27	12 5	3 2	20 47	0 19	20 38	0 12	20 1	0 7	20 7	1 35	20 25	15 11	22 35	22 44	8 28	16 10	7 5
T 24	8 0	18 3	4 47	10 15	2 7	17 56	0 30	12 11	3 1	20 45	0 19	20 37	0 12	20 1	0 7	20 7	1 35	20 26	15 11	22 36	22 45	8 25	16 10	7 5
W25	7 38	21 29	4 17	10 39	1 47	17 38	0 32	12 16	3 1	20 43	0 19	20 35	0 12	20 2	0 7	20 7	1 35	20 26	15 11	22 36	22 45	8 22	16 11	7 4
T 26	7 16	23 57	3 33	11 1	1 28	17 20	0 35	12 21	3 0	20 40	0 19	20 34	0 12	20 2	0 7	20 7	1 35	20 27	15 11	22 37	22 45	8 19	16 11	7 4
F 27	6 54	25 12	2 38	11 19	1 9	17 1	0 37	12 26	3 0	20 38	0 19	20 33	0 12	20 2	0 7	20 7	1 35	20 27	15 11	22 37	22 46	8 16	16 12	7 3
S 28	6 31	25 1	1 32	11 34	0 50	16 42	0 40	12 30	2 59	20 36	0 19	20 32	0 13	20 3	0 7	20 7	1 35	20 28	15 11	22 37	22 46	8 14	16 12	7 3
S 29	6 9	23 16	0 18	11 45	0 32	16 22	0 42	12 35	2 58	20 34	0 20	20 30	0 13	20 3	0 7	20 7	1 35	20 28	15 11	22 37	22 46	8 11	16 13	7 2
M30	5 46	20 0	0n58	11 52	0 15	16 2	0 45	12 39	2 58	20 31	0 20	20 29	0 13	20 3	0 7	20 7	1 35	20 29	15 11	22 37	22 47	8 8	16 14	7 2
T 31	5n23	15s23	2n12	11n55	0n 2	15n41	0n47	12n43	2s57	20n29	0n20	20n28	0n13	20s 4	0n 7	20n 7	1s35	20s29	15s11	22s37	22s47	8n 5	16s14	7n 1

Julian Day Number = 2292155.5, Delta T = 151.28 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'01, Lahiri = 17°46'02 Julian Calendar 1 Aug. 1563 == Greg. Calendar 11 Aug. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

SEPTEMBER 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 16 45	17♍20'49	26♒ 2	29♌36	20♌55	12♉22	0♌21	29♋50	29♏55	7°R54	13°R25	15°R15	13♂43	29♌57	8°R 9	W 1
T 2	23 20 42	18°19'21	11♓16	0♍28	22° 9	12°31	0°32	29°56	29°57	7♊54	13♓23	15♂ 7	13°40	0♍ 4	8♂ 9	T 2
F 3	23 24 38	19°17'55	26°29	1°27	23°22	12°40	0°42	0♌ 2	29°59	7°54	13°22	14°58	13°37	0°10	8° 8	F 3
S 4	23 28 35	20°16'31	11♈32	2°34	24°35	12°48	0°53	0° 8	0♐ 0	7°54	13°21	14°48	13°34	0°17	8° 8	S 4
S 5	23 32 31	21°15'09	26°16	3°47	25°49	12°56	1° 4	0°13	0° 2	7°54	13°20	14°39	13°31	0°24	8°D 8	S 5
M 6	23 36 28	22°13'50	10♉32	5° 6	27° 2	13° 2	1°14	0°19	0° 4	7°54	13°18	14°31	13°27	0°30	8° 8	M 6
T 7	23 40 24	23°12'32	24°19	6°31	28°16	13° 8	1°25	0°25	0° 6	7°54	13°17	14°26	13°24	0°37	8° 8	T 7
W 8	23 44 21	24°11'17	7♊37	8° 0	29°30	13°13	1°35	0°31	0° 8	7°54	13°16	14°22	13°21	0°44	8° 9	W 8
T 9	23 48 17	25°10'04	20°27	9°33	0♍43	13°17	1°46	0°36	0°10	7°53	13°15	14°D21	13°18	0°50	8° 9	T 9
F 10	23 52 14	26° 8'54	2♋55	11° 9	1°57	13°20	1°56	0°42	0°12	7°53	13°14	14°21	13°15	0°57	8° 9	F 10
S 11	23 56 11	27° 7'46	15° 6	12°48	3°11	13°22	2° 6	0°47	0°14	7°53	13°12	14°R21	13°11	1° 4	8°10	S 11
S 12	0 0 7	28° 6'40	27° 4	14°30	4°25	13°23	2°16	0°53	0°16	7°52	13°11	14°21	13° 8	1°11	8°10	S 12
M13	0 4 4	29° 5'36	8♌55	16°13	5°39	13°R24	2°26	0°58	0°18	7°52	13°10	14°18	13° 5	1°17	8°11	M13
T 14	0 8 0	0♎ 4'34	20°43	17°58	6°53	13°24	2°36	1° 3	0°21	7°52	13° 9	14°13	13° 2	1°24	8°12	T 14
W15	0 11 57	1° 3'35	2♍32	19°44	8° 7	13°22	2°46	1° 8	0°23	7°51	13° 8	14° 5	12°59	1°31	8°13	W15
T 16	0 15 53	2° 2'37	14°24	21°31	9°21	13°20	2°55	1°13	0°25	7°51	13° 7	13°54	12°56	1°37	8°13	T 16
F 17	0 19 50	3° 1'42	26°23	23°18	10°35	13°17	3° 5	1°18	0°28	7°50	13° 5	13°41	12°52	1°44	8°14	F 17
S 18	0 23 46	4° 0'49	8♎28	25° 5	11°49	13°13	3°14	1°23	0°30	7°50	13° 4	13°27	12°49	1°51	8°15	S 18
S 19	0 27 43	4°59'58	20°42	26°53	13° 3	13° 8	3°23	1°28	0°32	7°49	13° 3	13°13	12°46	1°57	8°17	S 19
M20	0 31 40	5°59'09	3♏ 5	28°40	14°17	13° 2	3°33	1°33	0°35	7°49	13° 2	13° 1	12°43	2° 4	8°18	M20
T 21	0 35 36	6°58'22	15°37	0♎28	15°32	12°55	3°42	1°38	0°37	7°48	13° 1	12°50	12°40	2°11	8°19	T 21
W22	0 39 33	7°57'37	28°20	2°15	16°46	12°48	3°51	1°42	0°40	7°47	13° 0	12°43	12°37	2°17	8°20	W22
T 23	0 43 29	8°56'54	11♐16	4° 1	18° 0	12°39	4° 0	1°47	0°43	7°47	12°59	12°38	12°33	2°24	8°22	T 23
F 24	0 47 26	9°56'12	24°26	5°47	19°15	12°30	4° 8	1°51	0°45	7°46	12°58	12°36	12°30	2°31	8°23	F 24
S 25	0 51 22	10°55'33	7♑53	7°32	20°29	12°20	4°17	1°56	0°48	7°45	12°57	12°35	12°27	2°37	8°25	S 25
S 26	0 55 19	11°54'55	21°39	9°17	21°43	12° 9	4°25	2° 0	0°51	7°44	12°55	12°35	12°24	2°44	8°27	S 26
M27	0 59 15	12°54'19	5♒45	11° 1	22°58	11°57	4°34	2° 4	0°53	7°44	12°54	12°34	12°21	2°51	8°28	M27
T 28	1 3 12	13°53'44	20°12	12°45	24°12	11°44	4°42	2° 8	0°56	7°43	12°53	12°31	12°17	2°58	8°30	T 28
W29	1 7 9	14°53'12	4♓55	14°28	25°27	11°31	4°50	2°12	0°59	7°42	12°52	12°26	12°14	3° 4	8°32	W29
T 30	1 11 5	15♎52'41	19♓50	16♎10	26♍42	11♉17	4♌58	2♌16	1♐ 2	7♊41	12♓51	12♂17	12♂11	3♍11	8♂34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n 1	9s45	3n19	11n54	0n17	15n20	0n50	12n47	2s56	20n27	0n20	20n27	0n13	20s 4	0n 7	20n 6	1s36	20s30	15s11	22s37	22s47	8n 2	16s15	7n 1
T 2	4 38	3 28	4 12	11 49	0 31	14 59	0 52	12 51	2 56	20 25	0 20	20 26	0 13	20 4	0 7	20 6	1 36	20 30	15 11	22 38	22 48	7 59	16 15	7 0
F 3	4 15	3n 0	4 48	11 40	0 44	14 37	0 54	12 54	2 55	20 23	0 20	20 24	0 13	20 5	0 7	20 6	1 36	20 31	15 11	22 39	22 48	7 56	16 16	7 0
S 4	3 52	9 13	5 3	11 28	0 56	14 14	0 56	12 58	2 54	20 20	0 20	20 23	0 13	20 5	0 7	20 6	1 36	20 31	15 11	22 40	22 48	7 53	16 16	6 59
S 5	3 29	14 46	4 57	11 11	1 7	13 52	0 58	13 1	2 53	20 18	0 20	20 22	0 13	20 6	0 7	20 6	1 36	20 32	15 11	22 41	22 49	7 50	16 17	6 59
M 6	3 5	19 20	4 33	10 51	1 17	13 28	1 0	13 4	2 52	20 16	0 21	20 21	0 14	20 6	0 7	20 6	1 36	20 32	15 11	22 42	22 49	7 47	16 17	6 58
T 7	2 42	22 40	3 53	10 27	1 25	13 5	1 2	13 6	2 51	20 14	0 21	20 20	0 14	20 6	0 7	20 6	1 36	20 32	15 11	22 43	22 49	7 45	16 18	6 58
W 8	2 19	24 38	3 2	10 1	1 32	12 41	1 4	13 9	2 50	20 12	0 21	20 19	0 14	20 7	0 7	20 6	1 36	20 33	15 11	22 43	22 50	7 42	16 18	6 57
T 9	1 55	25 12	2 4	9 31	1 38	12 16	1 6	13 11	2 48	20 9	0 21	20 18	0 14	20 7	0 7	20 6	1 36	20 33	15 11	22 43	22 50	7 39	16 19	6 57
F 10	1 32	24 28	1 0	8 59	1 43	11 52	1 8	13 13	2 47	20 7	0 21	20 17	0 14	20 8	0 7	20 6	1 36	20 34	15 11	22 43	22 50	7 36	16 19	6 56
S 11	1 9	22 35	0s 4	8 25	1 47	11 27	1 10	13 15	2 46	20 5	0 21	20 16	0 14	20 8	0 7	20 6	1 36	20 34	15 11	22 43	22 50	7 33	16 20	6 56
S 12	0 45	19 42	1 7	7 48	1 50	11 1	1 11	13 17	2 45	20 3	0 21	20 14	0 14	20 9	0 7	20 6	1 36	20 35	15 11	22 43	22 51	7 30	16 20	6 55
M13	0 22	16 2	2 6	7 10	1 52	10 36	1 13	13 18	2 43	20 1	0 22	20 13	0 14	20 9	0 7	20 6	1 36	20 35	15 11	22 44	22 51	7 27	16 21	6 55
T 14	0s 2	11 47	3 0	6 30	1 53	10 10	1 14	13 20	2 42	19 59	0 22	20 12	0 14	20 10	0 7	20 5	1 36	20 35	15 11	22 44	22 51	7 24	16 21	6 54
W15	0 25	7 5	3 46	5 49	1 53	9 43	1 16	13 21	2 40	19 57	0 22	20 11	0 15	20 10	0 7	20 5	1 36	20 36	15 11	22 45	22 52	7 21	16 22	6 54
T 16	0 49	2 8	4 22	5 6	1 53	9 17	1 17	13 22	2 38	19 55	0 22	20 10	0 15	20 11	0 7	20 5	1 36	20 36	15 10	22 46	22 52	7 18	16 22	6 53
F 17	1 12	2s56	4 47	4 22	1 52	8 50	1 19	13 22	2 37	19 53	0 22	20 9	0 15	20 11	0 7	20 5	1 36	20 36	15 10	22 47	22 52	7 15	16 23	6 52
S 18	1 36	7 56	4 59	3 38	1 50	8 23	1 20	13 23	2 35	19 51	0 22	20 8	0 15	20 12	0 7	20 5	1 36	20 37	15 10	22 49	22 53	7 13	16 23	6 52
S 19	1 59	12 41	4 57	2 53	1 47	7 55	1 21	13 23	2 33	19 49	0 23	20 7	0 15	20 12	0 7	20 5	1 36	20 37	15 10	22 50	22 53	7 10	16 24	6 51
M20	2 23	16 59	4 42	2 8	1 45	7 28	1 22	13 23	2 31	19 47	0 23	20 6	0 15	20 13	0 7	20 5	1 36	20 37	15 10	22 52	22 53	7 7	16 24	6 51
T 21	2 46	20 35	4 13	1 22	1 41	7 0	1 23	13 23	2 29	19 45	0 23	20 6	0 15	20 13	0 7	20 5	1 36	20 38	15 10	22 53	22 54	7 4	16 25	6 50
W22	3 10	23 16	3 31	0 36	1 37	6 32	1 24	13 23	2 27	19 43	0 23	20 5	0 15	20 14	0 7	20 4	1 37	20 38	15 10	22 53	22 54	7 1	16 25	6 50
T 23	3 33	24 47	2 37	0s11	1 33	6 4	1 25	13 22	2 25	19 41	0 23	20 4	0 15	20 14	0 7	20 4	1 37	20 38	15 10	22 54	22 54	6 58	16 25	6 49
F 24	3 57	24 57	1 34	0 57	1 29	5 35	1 26	13 21	2 23	19 39	0 23	20 3	0 16	20 15	0 7	20 4	1 37	20 39	15 10	22 54	22 54	6 55	16 26	6 49
S 25	4 20	23 41	0 25	1 43	1 24	5 7	1 27	13 20	2 21	19 37	0 24	20 2	0 16	20 15	0 7	20 4	1 37	20 39	15 9	22 54	22 55	6 52	16 26	6 48
S 26	4 43	20 58	0n48	2 29	1 19	4 38	1 28	13 19	2 18	19 35	0 24	20 1	0 16	20 16	0 7	20 4	1 37	20 39	15 9	22 54	22 55	6 49	16 27	6 48
M27	5 7	16 57	1 59	3 15	1 13	4 9	1 28	13 18	2 16	19 33	0 24	20 0	0 16	20 17	0 7	20 4	1 37	20 40	15 9	22 54	22 55	6 46	16 27	6 47
T 28	5 30	11 52	3 5	4 1	1 7	3 40	1 29	13 16	2 14	19 31	0 24	20 0	0 16	20 17	0 7	20 3	1 37	20 40	15 9	22 54	22 56	6 43	16 27	6 47
W29	5 53	6 1	3 59	4 46	1 2	3 11	1 30	13 15	2 11	19 30	0 24	19 59	0 16	20 18	0 7	20 3	1 37	20 40	15 9	22 55	22 56	6 41	16 28	6 46
T 30	6s16	0n13	4n38	5s31	0n56	2n42	1n30	13n13	2s 8	19n28	0n24	19n58	0n16	20s18	0n 7	20n 3	1s37	20s40	15s 9	22s56	22s56	6n38	16s28	6n46

Julian Day Number = 2292186.5, Delta T = 151.11 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'05, Lahiri = 17°46'06 Julian Calendar 1 Sept. 1563 == Greg. Calendar 11 Sept. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

OCTOBER 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 15 2	16♎52'12	4♈49	17♎51	27♍56	11°R 2	5♌ 6	2♌20	1♐ 5	7°R40	12°R50	12°R 6	12♉ 8	3♍18	8♉36	F 1
S 2	1 18 58	17°51'45	19°42	19°32	29°11	10♑47	5°13	2°23	1° 7	7♊39	12♓49	11♉55	12° 5	3°24	8°38	S 2
S 3	1 22 55	18°51'20	4♑21	21°12	0♏26	10°30	5°21	2°27	1°10	7°38	12°48	11°43	12° 2	3°31	8°40	S 3
M 4	1 26 51	19°50'57	18°37	22°52	1°40	10°14	5°28	2°31	1°13	7°37	12°47	11°34	11°58	3°38	8°43	M 4
T 5	1 30 48	20°50'36	2♊27	24°31	2°55	9°56	5°36	2°34	1°16	7°36	12°47	11°26	11°55	3°44	8°45	T 5
W 6	1 34 44	21°50'18	15°48	26° 9	4°10	9°38	5°43	2°37	1°19	7°35	12°46	11°22	11°52	3°51	8°47	W 6
T 7	1 38 41	22°50'02	28°42	27°47	5°25	9°20	5°50	2°41	1°22	7°34	12°45	11°19	11°49	3°58	8°50	T 7
F 8	1 42 38	23°49'48	11♋14	29°24	6°40	9° 1	5°57	2°44	1°25	7°33	12°44	11°D19	11°46	4° 4	8°53	F 8
S 9	1 46 34	24°49'36	23°26	1♏ 0	7°55	8°41	6° 3	2°47	1°29	7°32	12°43	11°R19	11°43	4°11	8°55	S 9
S 10	1 50 31	25°49'27	5♌25	2°36	9°10	8°22	6°10	2°50	1°32	7°31	12°42	11°19	11°39	4°18	8°58	S 10
M11	1 54 27	26°49'20	17°17	4°12	10°24	8° 1	6°16	2°53	1°35	7°30	12°41	11°17	11°36	4°25	9° 1	M11
T 12	1 58 24	27°49'15	29° 6	5°47	11°39	7°41	6°23	2°55	1°38	7°28	12°41	11°12	11°33	4°31	9° 4	T 12
W13	2 2 20	28°49'12	10♍57	7°21	12°54	7°20	6°29	2°58	1°41	7°27	12°40	11° 5	11°30	4°38	9° 6	W13
T 14	2 6 17	29°49'11	22°53	8°55	14°10	6°59	6°35	3° 0	1°45	7°26	12°39	10°56	11°27	4°45	9° 9	T 14
F 15	2 10 13	0♏49'12	4♎59	10°29	15°25	6°38	6°40	3° 3	1°48	7°25	12°38	10°44	11°23	4°51	9°12	F 15
S 16	2 14 10	1°49'15	17°15	12° 2	16°40	6°17	6°46	3° 5	1°51	7°23	12°37	10°31	11°20	4°58	9°16	S 16
S 17	2 18 6	2°49'21	29°42	13°34	17°55	5°56	6°52	3° 7	1°54	7°22	12°37	10°19	11°17	5° 5	9°19	S 17
M18	2 22 3	3°49'28	12♏22	15° 6	19°10	5°34	6°57	3° 9	1°58	7°21	12°36	10° 7	11°14	5°11	9°22	M18
T 19	2 26 0	4°49'37	25°12	16°38	20°25	5°13	7° 2	3°11	2° 1	7°19	12°35	9°57	11°11	5°18	9°25	T 19
W20	2 29 56	5°49'48	8♐14	18° 9	21°40	4°52	7° 7	3°13	2° 5	7°18	12°35	9°50	11° 8	5°25	9°29	W20
T 21	2 33 53	6°50'00	21°27	19°40	22°55	4°31	7°12	3°15	2° 8	7°16	12°34	9°46	11° 4	5°32	9°32	T 21
F 22	2 37 49	7°50'15	4♑51	21°11	24°11	4°11	7°16	3°17	2°11	7°15	12°33	9°D45	11° 1	5°38	9°36	F 22
S 23	2 41 46	8°50'30	18°26	22°41	25°26	3°50	7°21	3°18	2°15	7°14	12°33	9°45	10°58	5°45	9°39	S 23
S 24	2 45 42	9°50'47	2♒13	24°10	26°41	3°30	7°25	3°20	2°18	7°12	12°32	9°45	10°55	5°52	9°43	S 24
M25	2 49 39	10°51'06	16°12	25°39	27°56	3°11	7°29	3°21	2°22	7°11	12°32	9°R46	10°52	5°58	9°47	M25
T 26	2 53 35	11°51'26	0♓24	27° 8	29°12	2°51	7°33	3°22	2°25	7° 9	12°31	9°44	10°48	6° 5	9°50	T 26
W27	2 57 32	12°51'47	14°47	28°36	0♏27	2°32	7°37	3°23	2°29	7° 8	12°31	9°40	10°45	6°12	9°54	W27
T 28	3 1 29	13°52'10	29°17	0♐ 4	1°42	2°14	7°40	3°24	2°32	7° 6	12°30	9°34	10°42	6°18	9°58	T 28
F 29	3 5 25	14°52'34	13♈49	1°31	2°58	1°56	7°44	3°25	2°36	7° 5	12°30	9°26	10°39	6°25	10° 2	F 29
S 30	3 9 22	15°52'59	28°18	2°58	4°13	1°39	7°47	3°26	2°39	7° 3	12°29	9°17	10°36	6°32	10° 6	S 30
S 31	3 13 18	16♏53'27	12♑36	4♐24	5♏28	1♑23	7♌50	3♌27	2♐43	7♊ 2	12♓29	9♉ 8	10♉33	6♍39	10♉10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s39	6n28	4n58	6s16	0n49	2n12	1n30	13n11	2s 6	19n26	0n25	19n57	0n16	20s19	0n 7	20n 3	1s37	20s41	15s 8	22s57	22s56	6n35	16s29	6n45
S 2	7 1	12 19	4 58	7 0	0 43	1 43	1 31	13 9	2 3	19 24	0 25	19 57	0 17	20 20	0 7	20 3	1 37	20 41	15 8	22 58	22 57	6 32	16 29	6 45
S 3	7 24	17 21	4 38	7 44	0 37	1 13	1 31	13 6	2 0	19 23	0 25	19 56	0 17	20 20	0 7	20 3	1 37	20 41	15 8	22 59	22 57	6 29	16 29	6 44
M 4	7 47	21 15	4 0	8 27	0 30	0 44	1 31	13 4	1 57	19 21	0 25	19 55	0 17	20 21	0 7	20 2	1 37	20 41	15 8	23 0	22 57	6 26	16 30	6 44
T 5	8 9	23 48	3 10	9 9	0 23	0 14	1 31	13 1	1 54	19 19	0 25	19 54	0 17	20 21	0 7	20 2	1 37	20 41	15 8	23 0	22 58	6 23	16 30	6 43
W 6	8 32	24 54	2 11	9 52	0 17	0s16	1 31	12 58	1 51	19 18	0 25	19 54	0 17	20 22	0 7	20 2	1 37	20 42	15 8	23 1	22 58	6 20	16 30	6 43
T 7	8 54	24 36	1 6	10 33	0 10	0 46	1 31	12 56	1 48	19 16	0 26	19 53	0 17	20 23	0 7	20 2	1 37	20 42	15 7	23 1	22 58	6 17	16 31	6 42
F 8	9 16	23 2	0 0	11 14	0 3	1 15	1 31	12 53	1 45	19 15	0 26	19 53	0 17	20 23	0 7	20 1	1 37	20 42	15 7	23 1	22 58	6 14	16 31	6 42
S 9	9 38	20 24	1s 4	11 54	0s 3	1 45	1 31	12 49	1 42	19 13	0 26	19 52	0 17	20 24	0 7	20 1	1 37	20 42	15 7	23 1	22 59	6 11	16 31	6 41
S 10	10 0	16 57	2 4	12 34	0 10	2 15	1 31	12 46	1 39	19 12	0 26	19 52	0 18	20 25	0 7	20 1	1 37	20 42	15 7	23 1	22 59	6 9	16 32	6 41
M11	10 22	12 51	2 58	13 13	0 17	2 45	1 30	12 43	1 35	19 10	0 26	19 51	0 18	20 25	0 7	20 1	1 37	20 42	15 6	23 1	22 59	6 6	16 32	6 40
T 12	10 43	8 18	3 45	13 51	0 24	3 15	1 30	12 39	1 32	19 9	0 26	19 50	0 18	20 26	0 7	20 1	1 37	20 42	15 6	23 1	23 0	6 3	16 32	6 40
W13	11 5	3 27	4 21	14 29	0 30	3 44	1 29	12 36	1 29	19 8	0 27	19 50	0 18	20 27	0 6	20 0	1 37	20 43	15 6	23 2	23 0	6 0	16 33	6 39
T 14	11 26	1s34	4 47	15 5	0 37	4 14	1 29	12 32	1 25	19 6	0 27	19 50	0 18	20 27	0 6	20 0	1 37	20 43	15 6	23 3	23 0	5 57	16 33	6 39
F 15	11 47	6 34	5 0	15 41	0 44	4 43	1 28	12 28	1 22	19 5	0 27	19 49	0 18	20 28	0 6	20 0	1 37	20 43	15 5	23 4	23 0	5 54	16 33	6 38
S 16	12 8	11 24	5 0	16 17	0 50	5 13	1 28	12 25	1 18	19 4	0 27	19 49	0 18	20 29	0 6	20 0	1 37	20 43	15 5	23 5	23 1	5 51	16 33	6 38
S 17	12 29	15 50	4 45	16 51	0 57	5 42	1 27	12 21	1 15	19 3	0 27	19 48	0 18	20 29	0 6	19 59	1 37	20 43	15 5	23 6	23 1	5 48	16 33	6 38
M18	12 49	19 38	4 16	17 24	1 3	6 12	1 26	12 17	1 11	19 1	0 28	19 48	0 19	20 30	0 6	19 59	1 37	20 43	15 5	23 7	23 1	5 45	16 34	6 37
T 19	13 10	22 34	3 34	17 57	1 9	6 41	1 25	12 14	1 8	19 0	0 28	19 48	0 19	20 31	0 6	19 59	1 37	20 43	15 4	23 7	23 1	5 42	16 34	6 37
W20	13 30	24 21	2 39	18 29	1 15	7 10	1 24	12 10	1 4	18 59	0 28	19 47	0 19	20 31	0 6	19 59	1 37	20 43	15 4	23 8	23 2	5 39	16 34	6 36
T 21	13 50	24 49	1 36	19 0	1 21	7 39	1 23	12 6	1 1	18 58	0 28	19 47	0 19	20 32	0 6	19 58	1 37	20 43	15 4	23 8	23 2	5 36	16 34	6 36
F 22	14 9	23 51	0 26	19 30	1 27	8 7	1 22	12 3	0 57	18 57	0 28	19 47	0 19	20 33	0 6	19 58	1 38	20 43	15 4	23 8	23 2	5 34	16 35	6 35
S 23	14 29	21 28	0n46	19 59	1 33	8 36	1 21	11 59	0 54	18 56	0 29	19 47	0 19	20 33	0 6	19 58	1 38	20 43	15 3	23 8	23 3	5 31	16 35	6 35
S 24	14 48	17 49	1 57	20 27	1 38	9 4	1 20	11 56	0 50	18 55	0 29	19 46	0 19	20 34	0 6	19 58	1 38	20 43	15 3	23 8	23 3	5 28	16 35	6 35
M25	15 7	13 7	3 2	20 54	1 44	9 32	1 19	11 52	0 46	18 55	0 29	19 46	0 20	20 35	0 6	19 57	1 38	20 43	15 3	23 8	23 3	5 25	16 35	6 34
T 26	15 26	7 40	3 57	21 20	1 49	10 0	1 18	11 49	0 43	18 54	0 29	19 46	0 20	20 35	0 6	19 57	1 38	20 43	15 3	23 8	23 3	5 22	16 35	6 34
W27	15 44	1 45	4 37	21 45	1 54	10 28	1 16	11 46	0 39	18 53	0 29	19 46	0 20	20 36	0 6	19 57	1 38	20 43	15 2	23 9	23 4	5 19	16 35	6 33
T 28	16 2	4n18	5 1	22 9	1 59	10 55	1 15	11 43	0 36	18 52	0 30	19 46	0 20	20 37	0 6	19 57	1 38	20 43	15 2	23 9	23 4	5 16	16 35	6 33
F 29	16 20	10 8	5 4	22 31	2 3	11 22	1 14	11 40	0 33	18 52	0 30	19 46	0 20	20 38	0 6	19 56	1 38	20 43	15 2	23 10	23 4	5 13	16 35	6 33
S 30	16 38	15 23	4 49	22 53	2 7	11 49	1 12	11 37	0 29	18 51	0 30	19 46	0 20	20 38	0 6	19 56	1 38	20 42	15 1	23 10	23 4	5 10	16 36	6 32
S 31	16s55	19n42	4n15	23s13	2s11	12s16	1n11	11n35	0s26	18n50	0n30	19n46	0n20	20s39	0n 6	19n56	1s38	20s42	15s 1	23s11	23s 5	5n 7	16s36	6n32

Julian Day Number = 2292216.5, Delta T = 150.94 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'10, Lahiri = 17°46'10 Julian Calendar 1 Oct. 1563 == Greg. Calendar 11 Oct. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

NOVEMBER 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 17 15	17♏53'55	26♉37	5♐49	6♏44	1°R 7	7♌53	3♌27	2♐47	7°R 0	12°R28	9°R 1	10♑29	6♍45	10♑14	M 1
T 2	3 21 11	18°54'26	10♊18	7°14	7°59	0♉51	7°56	3°28	2°50	6♊58	12♓28	8♑55	10°26	6°52	10°18	T 2
W 3	3 25 8	19°54'58	23°36	8°38	9°14	0°37	7°58	3°28	2°54	6°57	12°28	8°52	10°23	6°59	10°22	W 3
T 4	3 29 4	20°55'32	6♋30	10° 1	10°30	0°23	8° 0	3°28	2°57	6°55	12°27	8°D50	10°20	7° 5	10°27	T 4
F 5	3 33 1	21°56'07	19° 3	11°23	11°45	0° 9	8° 2	3°R28	3° 1	6°54	12°27	8°51	10°17	7°12	10°31	F 5
S 6	3 36 58	22°56'45	1♌18	12°44	13° 0	29♈57	8° 4	3°28	3° 5	6°52	12°27	8°52	10°14	7°19	10°35	S 6
S 7	3 40 54	23°57'24	13°20	14° 3	14°16	29°45	8° 6	3°28	3° 8	6°50	12°27	8°54	10°10	7°25	10°40	S 7
M 8	3 44 51	24°58'04	25°14	15°22	15°31	29°34	8° 8	3°28	3°12	6°49	12°26	8°R54	10° 7	7°32	10°44	M 8
T 9	3 48 47	25°58'46	7♍ 4	16°38	16°47	29°24	8° 9	3°28	3°16	6°47	12°26	8°53	10° 4	7°39	10°49	T 9
W10	3 52 44	26°59'30	18°57	17°53	18° 2	29°14	8°10	3°27	3°19	6°45	12°26	8°51	10° 1	7°46	10°53	W10
T 11	3 56 40	28° 0'15	0♎56	19° 5	19°18	29° 6	8°11	3°27	3°23	6°44	12°26	8°46	9°58	7°52	10°58	T 11
F 12	4 0 37	29° 1'02	13° 6	20°15	20°33	28°58	8°12	3°26	3°27	6°42	12°26	8°40	9°54	7°59	11° 3	F 12
S 13	4 4 33	0♐ 1'50	25°29	21°23	21°49	28°51	8°12	3°25	3°30	6°40	12°25	8°33	9°51	8° 6	11° 7	S 13
S 14	4 8 30	1° 2'40	8♏ 8	22°27	23° 4	28°45	8°13	3°24	3°34	6°39	12°25	8°26	9°48	8°12	11°12	S 14
M15	4 12 27	2° 3'31	21° 3	23°27	24°20	28°39	8°R13	3°23	3°38	6°37	12°25	8°20	9°45	8°19	11°17	M15
T 16	4 16 23	3° 4'24	4♐14	24°24	25°35	28°35	8°13	3°22	3°41	6°35	12°25	8°14	9°42	8°26	11°22	T 16
W17	4 20 20	4° 5'17	17°39	25°15	26°51	28°31	8°12	3°21	3°45	6°33	12°D25	8°11	9°39	8°32	11°26	W17
T 18	4 24 16	5° 6'12	1♑17	26° 1	28° 6	28°28	8°12	3°20	3°49	6°32	12°25	8° 9	9°35	8°39	11°31	T 18
F 19	4 28 13	6° 7'08	15° 6	26°41	29°22	28°26	8°11	3°18	3°52	6°30	12°25	8°D 9	9°32	8°46	11°36	F 19
S 20	4 32 9	7° 8'04	29° 2	27°14	0♐37	28°25	8°10	3°17	3°56	6°28	12°25	8°10	9°29	8°53	11°41	S 20
S 21	4 36 6	8° 9'02	13♒ 4	27°40	1°53	28°D24	8° 9	3°15	4° 0	6°27	12°25	8°12	9°26	8°59	11°46	S 21
M22	4 40 3	9° 9'59	27°11	27°56	3° 8	28°25	8° 8	3°13	4° 4	6°25	12°26	8°13	9°23	9° 6	11°51	M22
T 23	4 43 59	10°10'58	11♓21	28°R 4	4°24	28°26	8° 7	3°11	4° 7	6°23	12°26	8°R14	9°20	9°13	11°56	T 23
W24	4 47 56	11°11'57	25°31	28° 1	5°39	28°28	8° 5	3° 9	4°11	6°22	12°26	8°13	9°16	9°19	12° 1	W24
T 25	4 51 52	12°12'57	9♈40	27°47	6°55	28°31	8° 3	3° 7	4°15	6°20	12°26	8°11	9°13	9°26	12° 7	T 25
F 26	4 55 49	13°13'57	23°45	27°21	8°10	28°34	8° 1	3° 5	4°18	6°18	12°26	8° 8	9°10	9°33	12°12	F 26
S 27	4 59 45	14°14'58	7♉44	26°45	9°26	28°38	7°59	3° 3	4°22	6°17	12°26	8° 4	9° 7	9°39	12°17	S 27
S 28	5 3 42	15°15'59	21°33	25°56	10°41	28°43	7°57	3° 0	4°25	6°15	12°27	8° 1	9° 4	9°46	12°22	S 28
M29	5 7 38	16°17'01	5♊ 9	24°58	11°57	28°49	7°54	2°58	4°29	6°13	12°27	7°58	9° 0	9°53	12°27	M29
T 30	5 11 35	17♐18'04	18♊29	23♐50	13♐12	28♈56	7♌51	2♌55	4♐33	6♊12	12♓27	7♑55	8♑57	10♍ 0	12♑33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s12	22n48	3n27	23s33	2s15	12s42	1n 9	11n32	0s22	18n50	0n30	19n46	0n20	20s40	0n 6	19n56	1s38	20s42	15s 1	23s11	23s 5	5n 4	16s36	6n31
T 2	17 29	24 29	2 27	23 51	2 18	13 8	1 7	11 30	0 19	18 49	0 31	19 46	0 21	20 40	0 6	19 55	1 38	20 42	15 1	23 12	23 5	5 2	16 36	6 31
W 3	17 46	24 42	1 21	24 7	2 21	13 34	1 6	11 28	0 16	18 49	0 31	19 46	0 21	20 41	0 6	19 55	1 38	20 42	15 0	23 12	23 5	4 59	16 36	6 31
T 4	18 2	23 33	0 13	24 23	2 24	14 0	1 4	11 26	0 13	18 48	0 31	19 46	0 21	20 42	0 6	19 55	1 38	20 42	15 0	23 12	23 6	4 56	16 36	6 30
F 5	18 18	21 14	0s55	24 37	2 26	14 25	1 2	11 24	0 9	18 48	0 31	19 46	0 21	20 43	0 6	19 54	1 38	20 42	15 0	23 12	23 6	4 53	16 36	6 30
S 6	18 33	17 59	1 58	24 49	2 28	14 49	1 0	11 23	0 6	18 48	0 31	19 46	0 21	20 43	0 6	19 54	1 38	20 42	14 59	23 12	23 6	4 50	16 36	6 30
S 7	18 48	14 3	2 56	25 1	2 29	15 14	0 58	11 22	0 3	18 48	0 32	19 46	0 21	20 44	0 6	19 54	1 38	20 41	14 59	23 12	23 6	4 47	16 36	6 29
M 8	19 3	9 37	3 45	25 11	2 30	15 37	0 57	11 21	0 0	18 47	0 32	19 46	0 21	20 45	0 6	19 54	1 38	20 41	14 59	23 12	23 7	4 44	16 36	6 29
T 9	19 18	4 51	4 24	25 19	2 30	16 1	0 55	11 20	0n 3	18 47	0 32	19 47	0 22	20 45	0 6	19 53	1 38	20 41	14 58	23 12	23 7	4 41	16 36	6 29
W10	19 32	0s 5	4 51	25 26	2 30	16 24	0 53	11 19	0 6	18 47	0 32	19 47	0 22	20 46	0 6	19 53	1 38	20 41	14 58	23 12	23 7	4 38	16 36	6 28
T 11	19 46	5 4	5 7	25 31	2 29	16 47	0 51	11 19	0 9	18 47	0 32	19 47	0 22	20 47	0 6	19 53	1 38	20 41	14 58	23 12	23 7	4 35	16 36	6 28
F 12	19 59	9 55	5 9	25 35	2 27	17 9	0 49	11 19	0 11	18 47	0 33	19 47	0 22	20 48	0 6	19 52	1 38	20 40	14 57	23 13	23 8	4 32	16 36	6 28
S 13	20 12	14 28	4 56	25 38	2 25	17 31	0 47	11 19	0 14	18 47	0 33	19 48	0 22	20 48	0 6	19 52	1 38	20 40	14 57	23 13	23 8	4 29	16 36	6 27
S 14	20 25	18 30	4 30	25 38	2 22	17 52	0 44	11 19	0 17	18 47	0 33	19 48	0 22	20 49	0 6	19 52	1 38	20 40	14 57	23 14	23 8	4 27	16 35	6 27
M15	20 37	21 44	3 48	25 38	2 18	18 13	0 42	11 19	0 19	18 47	0 33	19 48	0 22	20 50	0 6	19 52	1 38	20 39	14 56	23 14	23 8	4 24	16 35	6 27
T 16	20 49	23 54	2 54	25 35	2 13	18 33	0 40	11 20	0 22	18 48	0 33	19 49	0 23	20 50	0 6	19 51	1 38	20 39	14 56	23 14	23 8	4 21	16 35	6 27
W17	21 1	24 44	1 50	25 31	2 7	18 53	0 38	11 21	0 25	18 48	0 34	19 49	0 23	20 51	0 6	19 51	1 38	20 39	14 56	23 15	23 9	4 18	16 35	6 26
T 18	21 12	24 7	0 37	25 26	2 0	19 12	0 36	11 22	0 27	18 48	0 34	19 50	0 23	20 52	0 6	19 51	1 38	20 39	14 56	23 15	23 9	4 15	16 35	6 26
F 19	21 23	22 1	0n38	25 19	1 51	19 31	0 33	11 24	0 29	18 49	0 34	19 50	0 23	20 52	0 6	19 50	1 38	20 38	14 55	23 15	23 9	4 12	16 35	6 26
S 20	21 33	18 35	1 52	25 10	1 42	19 49	0 31	11 26	0 32	18 49	0 34	19 51	0 23	20 53	0 6	19 50	1 38	20 38	14 55	23 15	23 9	4 9	16 35	6 26
S 21	21 43	14 4	3 0	25 0	1 31	20 7	0 29	11 28	0 34	18 50	0 35	19 51	0 23	20 54	0 6	19 50	1 38	20 38	14 55	23 15	23 10	4 6	16 34	6 25
M22	21 53	8 46	3 57	24 48	1 19	20 24	0 27	11 30	0 36	18 50	0 35	19 52	0 23	20 55	0 6	19 50	1 38	20 37	14 54	23 14	23 10	4 3	16 34	6 25
T 23	22 2	3 1	4 40	24 34	1 5	20 40	0 24	11 32	0 38	18 51	0 35	19 52	0 24	20 55	0 6	19 49	1 38	20 37	14 54	23 14	23 10	4 0	16 34	6 25
W24	22 10	2n54	5 6	24 19	0 50	20 56	0 22	11 35	0 40	18 51	0 35	19 53	0 24	20 56	0 6	19 49	1 38	20 37	14 54	23 14	23 10	3 57	16 34	6 25
T 25	22 19	8 38	5 14	24 3	0 34	21 12	0 20	11 38	0 42	18 52	0 35	19 54	0 24	20 57	0 6	19 49	1 38	20 36	14 53	23 15	23 10	3 55	16 34	6 24
F 26	22 26	13 55	5 2	23 44	0 16	21 26	0 17	11 41	0 44	18 53	0 36	19 54	0 24	20 57	0 6	19 48	1 38	20 36	14 53	23 15	23 11	3 52	16 33	6 24
S 27	22 34	18 25	4 33	23 25	0n 2	21 40	0 15	11 44	0 46	18 54	0 36	19 55	0 24	20 58	0 6	19 48	1 38	20 35	14 53	23 15	23 11	3 49	16 33	6 24
S 28	22 41	21 52	3 48	23 4	0 22	21 54	0 13	11 48	0 48	18 54	0 36	19 56	0 24	20 59	0 6	19 48	1 38	20 35	14 52	23 15	23 11	3 46	16 33	6 24
M29	22 47	24 0	2 51	22 42	0 42	22 6	0 10	11 52	0 50	18 55	0 36	19 56	0 24	20 59	0 6	19 48	1 38	20 35	14 52	23 15	23 11	3 43	16 33	6 24
T 30	22s53	24n44	1n45	22s19	1n 2	22s19	0n 8	11n56	0n52	18n56	0n37	19n57	0n25	21s 0	0n 6	19n47	1s38	20s34	14s52	23s16	23s12	3n40	16s32	6n23

Julian Day Number = 2292247.5, Delta T = 150.77 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'14, Lahiri = 17°46'14 Julian Calendar 1 Nov. 1563 == Greg. Calendar 11 Nov. 1563

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ASTRODIENST EPHEMERIS for the year 1563
geocentric

DECEMBER 1563 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 15 32	18♐19'08	1♋33	22°R35	14♐28	29♈ 3	7°R48	2°R52	4♐36	6°R10	12♓28	7°D54	8♑54	10♍ 6	12♑38	W 1
T 2	5 19 28	19°20'12	14°18	21♐14	15°43	29°10	7♌45	2♌50	4°40	6♊ 8	12°28	7♑54	8°51	10°13	12°43	T 2
F 3	5 23 25	20°21'17	26°48	19°52	16°59	29°19	7°42	2°47	4°44	6° 7	12°28	7°55	8°48	10°20	12°49	F 3
S 4	5 27 21	21°22'22	9♌ 2	18°29	18°14	29°28	7°38	2°44	4°47	6° 5	12°29	7°57	8°45	10°26	12°54	S 4
S 5	5 31 18	22°23'29	21° 5	17°10	19°30	29°38	7°34	2°41	4°51	6° 3	12°29	7°58	8°41	10°33	13° 0	S 5
M 6	5 35 14	23°24'36	3♍ 0	15°56	20°45	29°48	7°31	2°37	4°54	6° 2	12°30	7°59	8°38	10°40	13° 5	M 6
T 7	5 39 11	24°25'43	14°51	14°50	22° 1	29°59	7°26	2°34	4°58	6° 0	12°30	8° 0	8°35	10°47	13°10	T 7
W 8	5 43 7	25°26'52	26°44	13°54	23°16	0♉11	7°22	2°31	5° 1	5°59	12°31	8°R 1	8°32	10°53	13°16	W 8
T 9	5 47 4	26°28'01	8♎43	13° 7	24°32	0°23	7°18	2°27	5° 5	5°57	12°31	8° 0	8°29	11° 0	13°21	T 9
F 10	5 51 1	27°29'10	20°52	12°31	25°48	0°36	7°13	2°24	5° 8	5°55	12°32	7°59	8°26	11° 7	13°27	F 10
S 11	5 54 57	28°30'20	3♏16	12° 5	27° 3	0°49	7° 8	2°20	5°12	5°54	12°32	7°58	8°22	11°13	13°32	S 11
S 12	5 58 54	29°31'31	15°59	11°51	28°19	1° 3	7° 3	2°17	5°15	5°52	12°33	7°57	8°19	11°20	13°38	S 12
M13	6 2 50	0♑32'42	29° 2	11°D46	29°34	1°18	6°58	2°13	5°19	5°51	12°34	7°56	8°16	11°27	13°44	M13
T 14	6 6 47	1°33'54	12♐27	11°50	0♑50	1°33	6°53	2° 9	5°22	5°49	12°34	7°55	8°13	11°34	13°49	T 14
W15	6 10 43	2°35'06	26°12	12° 3	2° 5	1°48	6°48	2° 5	5°25	5°48	12°35	7°55	8°10	11°40	13°55	W15
T 16	6 14 40	3°36'18	10♑16	12°25	3°21	2° 4	6°42	2° 1	5°29	5°46	12°36	7°D54	8° 6	11°47	14° 0	T 16
F 17	6 18 36	4°37'30	24°33	12°53	4°36	2°21	6°36	1°57	5°32	5°45	12°36	7°55	8° 3	11°54	14° 6	F 17
S 18	6 22 33	5°38'42	8♒59	13°28	5°52	2°38	6°30	1°53	5°36	5°43	12°37	7°55	8° 0	12° 0	14°12	S 18
S 19	6 26 30	6°39'54	23°28	14° 8	7° 7	2°56	6°24	1°49	5°39	5°42	12°38	7°55	7°57	12° 7	14°17	S 19
M20	6 30 26	7°41'05	7♓56	14°54	8°23	3°14	6°18	1°45	5°42	5°41	12°38	7°R55	7°54	12°14	14°23	M20
T 21	6 34 23	8°42'16	22°18	15°44	9°38	3°32	6°12	1°40	5°45	5°39	12°39	7°55	7°51	12°20	14°28	T 21
W22	6 38 19	9°43'26	6♈31	16°39	10°54	3°51	6° 5	1°36	5°49	5°38	12°40	7°D55	7°47	12°27	14°34	W22
T 23	6 42 16	10°44'36	20°32	17°37	12° 9	4°11	5°59	1°32	5°52	5°37	12°41	7°55	7°44	12°34	14°40	T 23
F 24	6 46 12	11°45'46	4♉20	18°38	13°25	4°30	5°52	1°27	5°55	5°35	12°42	7°55	7°41	12°41	14°45	F 24
S 25	6 50 9	12°46'55	17°55	19°42	14°40	4°51	5°45	1°23	5°58	5°34	12°43	7°56	7°38	12°47	14°51	S 25
S 26	6 54 5	13°48'04	1♊17	20°49	15°56	5°11	5°38	1°18	6° 1	5°33	12°44	7°56	7°35	12°54	14°57	S 26
M27	6 58 2	14°49'12	14°25	21°58	17°11	5°32	5°31	1°14	6° 4	5°31	12°45	7°57	7°32	13° 1	15° 2	M27
T 28	7 1 59	15°50'20	27°21	23°10	18°26	5°54	5°24	1° 9	6° 7	5°30	12°45	7°57	7°28	13° 7	15° 8	T 28
W29	7 5 55	16°51'27	10♋ 4	24°23	19°42	6°15	5°17	1° 4	6°10	5°29	12°46	7°R58	7°25	13°14	15°14	W29
T 30	7 9 52	17°52'34	22°35	25°38	20°57	6°38	5°10	1° 0	6°13	5°28	12°47	7°57	7°22	13°21	15°19	T 30
F 31	7 13 48	18♑53'40	4♌54	26♐54	22♑13	7♉ 0	5♌ 2	0♌55	6♐16	5♊27	12♓48	7♑56	7♑19	13♍28	15♑25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s59	24n 4	0n35	21s55	1n22	22s30	0n 5	12n 0	0n54	18n57	0n37	19n58	0n25	21s 1	0n 6	19n47	1s38	20s34	14s51	23s16	23s12	3n37	16s32	6n23
T 2	23 4	22 8	0s35	21 31	1 41	22 41	0 3	12 4	0 55	18 58	0 37	19 59	0 25	21 1	0 6	19 47	1 38	20 33	14 51	23 16	23 12	3 34	16 32	6 23
F 3	23 9	19 10	1 42	21 8	1 59	22 51	0 1	12 9	0 57	18 59	0 37	19 59	0 25	21 2	0 6	19 47	1 38	20 33	14 51	23 16	23 12	3 31	16 31	6 23
S 4	23 13	15 24	2 44	20 45	2 15	23 0	0s 2	12 13	0 58	19 0	0 37	20 0	0 25	21 3	0 6	19 46	1 38	20 33	14 50	23 15	23 12	3 28	16 31	6 23
S 5	23 17	11 5	3 37	20 25	2 29	23 9	0 4	12 18	1 0	19 2	0 38	20 1	0 25	21 3	0 6	19 46	1 38	20 32	14 50	23 15	23 13	3 25	16 31	6 23
M 6	23 20	6 23	4 20	20 6	2 40	23 17	0 7	12 23	1 1	19 3	0 38	20 2	0 25	21 4	0 6	19 46	1 38	20 32	14 50	23 15	23 13	3 23	16 30	6 23
T 7	23 23	1 30	4 51	19 50	2 49	23 24	0 9	12 29	1 3	19 4	0 38	20 3	0 25	21 5	0 6	19 46	1 37	20 31	14 49	23 15	23 13	3 20	16 30	6 22
W 8	23 25	3s27	5 11	19 36	2 56	23 31	0 11	12 34	1 4	19 5	0 38	20 4	0 26	21 5	0 6	19 45	1 37	20 31	14 49	23 15	23 13	3 17	16 29	6 22
T 9	23 27	8 18	5 17	19 26	3 1	23 37	0 14	12 40	1 6	19 7	0 38	20 5	0 26	21 6	0 6	19 45	1 37	20 30	14 49	23 15	23 13	3 14	16 29	6 22
F 10	23 28	12 56	5 9	19 20	3 3	23 42	0 16	12 45	1 7	19 8	0 39	20 6	0 26	21 7	0 6	19 45	1 37	20 30	14 48	23 15	23 14	3 11	16 29	6 22
S 11	23 29	17 7	4 46	19 16	3 3	23 46	0 18	12 51	1 8	19 9	0 39	20 6	0 26	21 7	0 6	19 45	1 37	20 29	14 48	23 15	23 14	3 8	16 28	6 22
S 12	23 30	20 39	4 10	19 15	3 2	23 50	0 21	12 57	1 9	19 11	0 39	20 7	0 26	21 8	0 6	19 44	1 37	20 29	14 48	23 15	23 14	3 5	16 28	6 22
M13	23 30	23 14	3 19	19 17	2 59	23 53	0 23	13 3	1 11	19 12	0 39	20 8	0 26	21 8	0 6	19 44	1 37	20 28	14 48	23 15	23 14	3 2	16 27	6 22
T 14	23 29	24 36	2 17	19 22	2 55	23 55	0 25	13 10	1 12	19 14	0 39	20 9	0 26	21 9	0 6	19 44	1 37	20 28	14 47	23 16	23 14	2 59	16 27	6 22
W15	23 28	24 31	1 4	19 29	2 50	23 56	0 28	13 16	1 13	19 16	0 40	20 10	0 27	21 10	0 6	19 44	1 37	20 27	14 47	23 16	23 15	2 56	16 26	6 22
T 16	23 27	22 53	0n13	19 37	2 44	23 57	0 30	13 23	1 14	19 17	0 40	20 11	0 27	21 10	0 6	19 43	1 37	20 26	14 47	23 16	23 15	2 54	16 26	6 22
F 17	23 25	19 46	1 31	19 48	2 37	23 57	0 32	13 30	1 15	19 19	0 40	20 12	0 27	21 11	0 6	19 43	1 37	20 26	14 46	23 16	23 15	2 51	16 25	6 22
S 18	23 23	15 25	2 44	19 59	2 30	23 56	0 34	13 36	1 16	19 20	0 40	20 14	0 27	21 11	0 6	19 43	1 37	20 25	14 46	23 16	23 15	2 48	16 25	6 22
S 19	23 20	10 9	3 47	20 12	2 22	23 55	0 37	13 43	1 17	19 22	0 40	20 15	0 27	21 12	0 6	19 43	1 37	20 25	14 46	23 16	23 15	2 45	16 24	6 22
M20	23 16	4 21	4 35	20 25	2 14	23 52	0 39	13 51	1 18	19 24	0 41	20 16	0 27	21 13	0 6	19 43	1 37	20 24	14 45	23 16	23 16	2 42	16 24	6 21
T 21	23 13	1n37	5 6	20 39	2 6	23 49	0 41	13 58	1 19	19 26	0 41	20 17	0 27	21 13	0 6	19 42	1 37	20 24	14 45	23 16	23 16	2 39	16 23	6 21
W22	23 8	7 27	5 17	20 53	1 57	23 46	0 43	14 5	1 20	19 27	0 41	20 18	0 27	21 14	0 6	19 42	1 37	20 23	14 45	23 16	23 16	2 36	16 23	6 21
T 23	23 4	12 49	5 10	21 7	1 48	23 41	0 45	14 12	1 21	19 29	0 41	20 19	0 28	21 14	0 6	19 42	1 37	20 23	14 45	23 16	23 16	2 33	16 22	6 21
F 24	22 58	17 27	4 44	21 22	1 39	23 36	0 47	14 20	1 22	19 31	0 41	20 20	0 28	21 15	0 6	19 42	1 37	20 22	14 44	23 16	23 16	2 30	16 21	6 21
S 25	22 53	21 6	4 3	21 36	1 30	23 30	0 49	14 28	1 22	19 33	0 42	20 21	0 28	21 15	0 6	19 42	1 37	20 21	14 44	23 15	23 17	2 27	16 21	6 21
S 26	22 47	23 34	3 10	21 49	1 21	23 23	0 51	14 35	1 23	19 35	0 42	20 22	0 28	21 16	0 6	19 41	1 37	20 21	14 44	23 15	23 17	2 25	16 20	6 21
M27	22 40	24 41	2 7	22 3	1 12	23 16	0 53	14 43	1 24	19 37	0 42	20 23	0 28	21 17	0 6	19 41	1 37	20 20	14 44	23 15	23 17	2 22	16 20	6 21
T 28	22 33	24 27	0 59	22 16	1 3	23 8	0 55	14 51	1 25	19 39	0 42	20 25	0 28	21 17	0 6	19 41	1 37	20 19	14 43	23 15	23 17	2 19	16 19	6 22
W29	22 26	22 55	0s12	22 28	0 55	22 59	0 57	14 59	1 25	19 41	0 42	20 26	0 28	21 18	0 6	19 41	1 37	20 19	14 43	23 15	23 17	2 16	16 18	6 22
T 30	22 18	20 17	1 20	22 40	0 46	22 49	0 58	15 7	1 26	19 43	0 42	20 27	0 28	21 18	0 6	19 41	1 37	20 18	14 43	23 15	23 17	2 13	16 18	6 22
F 31	22s10	16n46	2s24	22s51	0n37	22s39	1s 0	15n15	1n27	19n44	0n43	20n28	0n29	21s19	0n 6	19n41	1s37	20s18	14s42	23s15	23s18	2n10	16s17	6n22

Julian Day Number = 2292277.5, Delta T = 150.61 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'18, Lahiri = 17°46'18 Julian Calendar 1 Dec. 1563 == Greg. Calendar 11 Dec. 1563

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1564
geocentric

JANUARY 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 17 45	19♑54'46	17♌ 3	28♐12	23♑28	7♉23	4°R55	0°R50	6♐19	5°R26	12♓49	7°R55	7♑16	13♍34	15♑30	S 1
S 2	7 21 41	20°55'51	29° 3	29°32	24°44	7°46	4♌47	0♌45	6°22	5♊25	12°51	7♑53	7°12	13°41	15°36	S 2
M 3	7 25 38	21°56'56	10♍58	0♑52	25°59	8° 9	4°40	0°40	6°25	5°23	12°52	7°51	7° 9	13°48	15°42	M 3
T 4	7 29 35	22°58'00	22°49	2°14	27°14	8°33	4°32	0°36	6°28	5°22	12°53	7°48	7° 6	13°54	15°47	T 4
W 5	7 33 31	23°59'04	4♎41	3°36	28°30	8°57	4°24	0°31	6°31	5°21	12°54	7°47	7° 3	14° 1	15°53	W 5
T 6	7 37 28	25° 0'08	16°38	5° 0	29°45	9°21	4°17	0°26	6°33	5°20	12°55	7°46	7° 0	14° 8	15°58	T 6
F 7	7 41 24	26° 1'11	28°44	6°25	1♒ 0	9°46	4° 9	0°21	6°36	5°19	12°56	7°D45	6°57	14°15	16° 4	F 7
S 8	7 45 21	27° 2'14	11♏ 5	7°50	2°16	10°11	4° 1	0°16	6°39	5°19	12°57	7°46	6°53	14°21	16°10	S 8
S 9	7 49 17	28° 3'16	23°44	9°16	3°31	10°36	3°53	0°11	6°41	5°18	12°58	7°47	6°50	14°28	16°15	S 9
M10	7 53 14	29° 4'17	6♐45	10°43	4°46	11° 2	3°45	0° 6	6°44	5°17	13° 0	7°49	6°47	14°35	16°21	M10
T 11	7 57 10	0♒ 5'19	20°12	12°11	6° 2	11°28	3°37	0° 1	6°47	5°16	13° 1	7°50	6°44	14°41	16°26	T 11
W12	8 1 7	1° 6'19	4♑ 5	13°40	7°17	11°54	3°29	29♋56	6°49	5°15	13° 2	7°R51	6°41	14°48	16°32	W12
T 13	8 5 4	2° 7'19	18°22	15° 9	8°32	12°20	3°21	29°51	6°52	5°14	13° 3	7°51	6°38	14°55	16°37	T 13
F 14	8 9 0	3° 8'17	3♒ 0	16°39	9°48	12°46	3°13	29°46	6°54	5°14	13° 4	7°49	6°34	15° 2	16°43	F 14
S 15	8 12 57	4° 9'15	17°53	18°10	11° 3	13°13	3° 5	29°42	6°57	5°13	13° 6	7°46	6°31	15° 8	16°48	S 15
S 16	8 16 53	5°10'12	2♓51	19°42	12°18	13°40	2°57	29°37	6°59	5°12	13° 7	7°43	6°28	15°15	16°54	S 16
M17	8 20 50	6°11'07	17°47	21°14	13°34	14° 7	2°49	29°32	7° 1	5°12	13° 8	7°38	6°25	15°22	16°59	M17
T 18	8 24 46	7°12'01	2♈31	22°47	14°49	14°35	2°41	29°27	7° 4	5°11	13°10	7°35	6°22	15°28	17° 4	T 18
W19	8 28 43	8°12'53	16°59	24°21	16° 4	15° 3	2°33	29°22	7° 6	5°10	13°11	7°32	6°18	15°35	17°10	W19
T 20	8 32 39	9°13'44	1♉ 6	25°55	17°19	15°31	2°25	29°17	7° 8	5°10	13°12	7°30	6°15	15°42	17°15	T 20
F 21	8 36 36	10°14'34	14°52	27°31	18°35	15°59	2°17	29°12	7°10	5° 9	13°14	7°D30	6°12	15°49	17°20	F 21
S 22	8 40 33	11°15'22	28°16	29° 7	19°50	16°27	2° 9	29° 8	7°12	5° 9	13°15	7°31	6° 9	15°55	17°26	S 22
S 23	8 44 29	12°16'09	11♊22	0♒43	21° 5	16°56	2° 2	29° 3	7°14	5° 8	13°16	7°32	6° 6	16° 2	17°31	S 23
M24	8 48 26	13°16'54	24°11	2°21	22°20	17°24	1°54	28°58	7°16	5° 8	13°18	7°34	6° 3	16° 9	17°36	M24
T 25	8 52 22	14°17'37	6♋46	3°59	23°35	17°53	1°46	28°54	7°18	5° 7	13°19	7°R35	5°59	16°15	17°41	T 25
W26	8 56 19	15°18'19	19°10	5°38	24°50	18°22	1°38	28°49	7°20	5° 7	13°21	7°34	5°56	16°22	17°47	W26
T 27	9 0 15	16°19'00	1♌24	7°18	26° 5	18°51	1°31	28°44	7°22	5° 7	13°22	7°31	5°53	16°29	17°52	T 27
F 28	9 4 12	17°19'39	13°31	8°59	27°20	19°21	1°23	28°40	7°24	5° 7	13°23	7°27	5°50	16°36	17°57	F 28
S 29	9 8 8	18°20'16	25°32	10°40	28°36	19°50	1°16	28°35	7°26	5° 6	13°25	7°20	5°47	16°42	18° 2	S 29
S 30	9 12 5	19°20'52	7♍28	12°23	29°51	20°20	1° 9	28°31	7°27	5° 6	13°26	7°12	5°44	16°49	18° 7	S 30
M31	9 16 2	20♒21'27	19♍21	14♒ 6	1♓ 6	20♉50	1♌ 2	28♋26	7♐29	5♊ 6	13♓28	7♑ 4	5♑40	16♍56	18♑12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s 1	12n35	3s20	23s 1	0n29	22s28	1s 2	15n23	1n27	19n46	0n43	20n29	0n29	21s19	0n 6	19n40	1s37	20s17	14s42	23s16	23s18	2n 7	16s16	6n22
S 2	21 52	7 59	4 6	23 10	0 20	22 16	1 4	15 31	1 28	19 48	0 43	20 30	0 29	21 20	0 6	19 40	1 37	20 16	14 42	23 16	23 18	2 4	16 16	6 22
M 3	21 42	3 8	4 42	23 18	0 12	22 4	1 5	15 39	1 28	19 50	0 43	20 31	0 29	21 20	0 6	19 40	1 36	20 16	14 42	23 16	23 18	2 1	16 15	6 22
T 4	21 32	1s49	5 5	23 25	0 4	21 51	1 7	15 47	1 29	19 52	0 43	20 33	0 29	21 21	0 6	19 40	1 36	20 15	14 42	23 16	23 18	1 59	16 14	6 22
W 5	21 22	6 41	5 15	23 31	0s 4	21 38	1 8	15 56	1 29	19 54	0 43	20 34	0 29	21 21	0 6	19 40	1 36	20 14	14 41	23 16	23 18	1 56	16 13	6 22
T 6	21 11	11 21	5 12	23 36	0 12	21 23	1 10	16 4	1 30	19 56	0 44	20 35	0 29	21 22	0 6	19 40	1 36	20 14	14 41	23 16	23 19	1 53	16 13	6 22
F 7	21 0	15 38	4 55	23 40	0 20	21 8	1 11	16 12	1 30	19 58	0 44	20 36	0 29	21 22	0 6	19 40	1 36	20 13	14 41	23 16	23 19	1 50	16 12	6 22
S 8	20 48	19 22	4 24	23 43	0 27	20 53	1 13	16 21	1 31	20 0	0 44	20 37	0 30	21 23	0 6	19 40	1 36	20 12	14 41	23 16	23 19	1 47	16 11	6 22
S 9	20 36	22 18	3 40	23 44	0 34	20 37	1 14	16 29	1 31	20 2	0 44	20 38	0 30	21 23	0 6	19 39	1 36	20 12	14 40	23 16	23 19	1 44	16 10	6 22
M10	20 24	24 10	2 43	23 45	0 41	20 20	1 15	16 38	1 32	20 4	0 44	20 40	0 30	21 23	0 6	19 39	1 36	20 11	14 40	23 16	23 19	1 41	16 10	6 23
T 11	20 11	24 43	1 36	23 44	0 48	20 3	1 16	16 46	1 32	20 6	0 44	20 41	0 30	21 24	0 6	19 39	1 36	20 10	14 40	23 16	23 19	1 38	16 9	6 23
W12	19 58	23 47	0 21	23 42	0 55	19 45	1 18	16 55	1 33	20 9	0 44	20 42	0 30	21 24	0 6	19 39	1 36	20 10	14 40	23 16	23 20	1 36	16 8	6 23
T 13	19 44	21 17	0n58	23 38	1 1	19 26	1 19	17 3	1 33	20 10	0 45	20 43	0 30	21 25	0 6	19 39	1 36	20 9	14 40	23 16	23 20	1 33	16 7	6 23
F 14	19 30	17 22	2 14	23 34	1 7	19 7	1 20	17 12	1 33	20 12	0 45	20 44	0 30	21 25	0 6	19 39	1 36	20 8	14 39	23 16	23 20	1 30	16 7	6 23
S 15	19 16	12 18	3 22	23 28	1 13	18 47	1 21	17 20	1 34	20 14	0 45	20 45	0 30	21 26	0 6	19 39	1 36	20 8	14 39	23 16	23 20	1 27	16 6	6 23
S 16	19 1	6 29	4 17	23 20	1 18	18 27	1 22	17 29	1 34	20 16	0 45	20 47	0 30	21 26	0 6	19 39	1 36	20 7	14 39	23 16	23 20	1 24	16 5	6 24
M17	18 46	0 19	4 54	23 11	1 24	18 7	1 23	17 37	1 35	20 18	0 45	20 48	0 30	21 26	0 6	19 39	1 36	20 6	14 39	23 17	23 20	1 21	16 4	6 24
T 18	18 31	5n46	5 12	23 1	1 29	17 45	1 23	17 46	1 35	20 20	0 45	20 49	0 31	21 27	0 6	19 39	1 36	20 6	14 39	23 17	23 21	1 18	16 3	6 24
W19	18 15	11 26	5 9	22 50	1 33	17 24	1 24	17 54	1 35	20 22	0 45	20 50	0 31	21 27	0 6	19 39	1 36	20 5	14 38	23 17	23 21	1 15	16 2	6 24
T 20	17 59	16 22	4 47	22 37	1 38	17 2	1 25	18 3	1 35	20 24	0 45	20 51	0 31	21 28	0 6	19 39	1 36	20 4	14 38	23 17	23 21	1 13	16 2	6 24
F 21	17 43	20 18	4 9	22 22	1 42	16 39	1 25	18 11	1 36	20 26	0 45	20 52	0 31	21 28	0 6	19 39	1 36	20 4	14 38	23 17	23 21	1 10	16 1	6 24
S 22	17 26	23 2	3 18	22 7	1 46	16 16	1 26	18 20	1 36	20 28	0 46	20 53	0 31	21 28	0 6	19 39	1 35	20 3	14 38	23 17	23 21	1 7	16 0	6 25
S 23	17 10	24 29	2 18	21 49	1 49	15 52	1 27	18 28	1 36	20 30	0 46	20 54	0 31	21 29	0 6	19 39	1 35	20 2	14 38	23 17	23 21	1 4	15 59	6 25
M24	16 52	24 34	1 12	21 31	1 53	15 28	1 27	18 37	1 36	20 32	0 46	20 55	0 31	21 29	0 6	19 39	1 35	20 2	14 38	23 17	23 21	1 1	15 58	6 25
T 25	16 35	23 24	0 4	21 10	1 55	15 4	1 27	18 45	1 37	20 33	0 46	20 56	0 31	21 29	0 6	19 38	1 35	20 1	14 38	23 17	23 22	0 58	15 57	6 25
W26	16 17	21 5	1s 3	20 49	1 58	14 39	1 28	18 53	1 37	20 35	0 46	20 57	0 31	21 30	0 6	19 38	1 35	20 0	14 37	23 17	23 22	0 55	15 56	6 26
T 27	15 59	17 51	2 6	20 26	2 0	14 14	1 28	19 2	1 37	20 37	0 46	20 58	0 31	21 30	0 6	19 38	1 35	20 0	14 37	23 17	23 22	0 52	15 55	6 26
F 28	15 41	13 53	3 3	20 1	2 2	13 48	1 28	19 10	1 37	20 39	0 46	20 59	0 31	21 30	0 6	19 38	1 35	19 59	14 37	23 17	23 22	0 50	15 55	6 26
S 29	15 22	9 25	3 51	19 35	2 3	13 22	1 28	19 18	1 37	20 40	0 46	21 0	0 32	21 31	0 6	19 39	1 35	19 58	14 37	23 18	23 22	0 47	15 54	6 26
S 30	15 3	4 38	4 28	19 7	2 4	12 56	1 28	19 26	1 38	20 42	0 46	21 1	0 32	21 31	0 6	19 39	1 35	19 58	14 37	23 18	23 22	0 44	15 53	6 27
M31	14s44	0s17	4s54	18s38	2s 5	12s29	1s28	19n35	1n38	20n44	0n46	21n 2	0n32	21s31	0n 6	19n39	1s35	19s57	14s37	23s18	23s22	0n41	15s52	6n27

Julian Day Number = 2292308.5, Delta T = 150.43 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'22, Lahiri = 17°46'23 Julian Calendar 1 Jan. 1564 == Greg. Calendar 11 Jan. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

FEBRUARY 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 19 58	21♒22'00	1♎13	15♒50	2♓21	21♉20	0°R54	28°R22	7♐31	5°R 6	13♓29	6°R55	5♑37	17♍ 2	18♑17	T 1
W 2	9 23 55	22°22'32	13° 6	17°36	3°36	21°50	0♌47	28♋18	7°32	5♊ 6	13°31	6♑48	5°34	17° 9	18°22	W 2
T 3	9 27 51	23°23'02	25° 2	19°22	4°51	22°21	0°41	28°14	7°34	5° 5	13°32	6°42	5°31	17°16	18°27	T 3
F 4	9 31 48	24°23'32	7♏ 7	21° 9	6° 5	22°51	0°34	28° 9	7°35	5° 5	13°34	6°38	5°28	17°23	18°31	F 4
S 5	9 35 44	25°23'59	19°24	22°56	7°20	23°22	0°27	28° 5	7°37	5°D 5	13°35	6°36	5°24	17°29	18°36	S 5
S 6	9 39 41	26°24'26	1♐57	24°45	8°35	23°53	0°20	28° 1	7°38	5° 5	13°37	6°D36	5°21	17°36	18°41	S 6
M 7	9 43 37	27°24'51	14°51	26°35	9°50	24°23	0°14	27°57	7°39	5° 5	13°38	6°37	5°18	17°43	18°46	M 7
T 8	9 47 34	28°25'15	28°10	28°25	11° 5	24°54	0° 8	27°53	7°41	5° 6	13°40	6°38	5°15	17°49	18°51	T 8
W 9	9 51 31	29°25'38	11♑58	0♓17	12°20	25°26	0° 2	27°50	7°42	5° 6	13°41	6°R38	5°12	17°56	18°55	W 9
T 10	9 55 27	0♓25'59	26°14	2° 9	13°35	25°57	29♋55	27°46	7°43	5° 6	13°43	6°36	5° 9	18° 3	19° 0	T 10
F 11	9 59 24	1°26'18	10♒57	4° 2	14°50	26°28	29°50	27°42	7°44	5° 6	13°44	6°32	5° 5	18°10	19° 4	F 11
S 12	10 3 20	2°26'36	26° 0	5°56	16° 4	27° 0	29°44	27°39	7°45	5° 6	13°46	6°26	5° 2	18°16	19° 9	S 12
S 13	10 7 17	3°26'52	11♓16	7°50	17°19	27°32	29°38	27°35	7°46	5° 6	13°47	6°18	4°59	18°23	19°13	S 13
M14	10 11 13	4°27'06	26°33	9°45	18°34	28° 3	29°33	27°32	7°47	5° 7	13°49	6° 9	4°56	18°30	19°18	M14
T 15	10 15 10	5°27'18	11♈39	11°40	19°49	28°35	29°27	27°28	7°48	5° 7	13°50	6° 0	4°53	18°36	19°22	T 15
W16	10 19 6	6°27'28	26°26	13°35	21° 3	29° 7	29°22	27°25	7°49	5° 7	13°52	5°52	4°50	18°43	19°26	W16
T 17	10 23 3	7°27'36	10♉48	15°31	22°18	29°39	29°17	27°22	7°50	5° 8	13°54	5°47	4°46	18°50	19°31	T 17
F 18	10 27 0	8°27'42	24°42	17°26	23°33	0♊12	29°12	27°19	7°51	5° 8	13°55	5°44	4°43	18°57	19°35	F 18
S 19	10 30 56	9°27'45	8♊ 8	19°21	24°47	0°44	29° 8	27°16	7°51	5° 9	13°57	5°D43	4°40	19° 3	19°39	S 19
S 20	10 34 53	10°27'47	21°10	21°16	26° 2	1°16	29° 3	27°13	7°52	5° 9	13°58	5°43	4°37	19°10	19°43	S 20
M21	10 38 49	11°27'46	3♋51	23° 9	27°16	1°49	28°59	27°10	7°53	5°10	14° 0	5°R44	4°34	19°17	19°47	M21
T 22	10 42 46	12°27'44	16°15	25° 1	28°31	2°21	28°55	27° 7	7°53	5°10	14° 1	5°43	4°30	19°24	19°51	T 22
W23	10 46 42	13°27'39	28°27	26°51	29°45	2°54	28°51	27° 5	7°54	5°11	14° 3	5°41	4°27	19°30	19°55	W23
T 24	10 50 39	14°27'31	10♌31	28°39	1♈ 0	3°27	28°47	27° 2	7°54	5°12	14° 5	5°36	4°24	19°37	19°59	T 24
F 25	10 54 35	15°27'22	22°28	0♈24	2°14	4° 0	28°43	27° 0	7°55	5°12	14° 6	5°28	4°21	19°44	20° 3	F 25
S 26	10 58 32	16°27'11	4♍23	2° 6	3°29	4°33	28°40	26°57	7°55	5°13	14° 8	5°17	4°18	19°50	20° 7	S 26
S 27	11 2 29	17°26'57	16°15	3°44	4°43	5° 6	28°37	26°55	7°55	5°14	14° 9	5° 4	4°15	19°57	20°10	S 27
M28	11 6 25	18°26'42	28° 8	5°18	5°57	5°39	28°34	26°53	7°55	5°14	14°11	4°51	4°11	20° 4	20°14	M28
T 29	11 10 22	19♓26'24	10♎ 1	6♈48	7♈12	6♊12	28♋31	26♋51	7♐56	5♊15	14♓12	4♑37	4♑ 8	20♍11	20♑18	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s25	5s10	5s 6	18s 7	2s 5	12s 2	1s28	19n43	1n38	20n45	0n46	21n 3	0n32	21s31	0n 6	19n39	1s35	19s56	14s37	23s19	23s23	0n38	15s51	6n27
W 2	14 5	9 52	5 6	17 35	2 5	11 35	1 28	19 51	1 38	20 47	0 46	21 4	0 32	21 32	0 6	19 39	1 35	19 56	14 37	23 19	23 23	0 35	15 50	6 28
T 3	13 45	14 15	4 52	17 1	2 4	11 7	1 28	19 59	1 38	20 49	0 46	21 5	0 32	21 32	0 6	19 39	1 35	19 55	14 36	23 20	23 23	0 32	15 49	6 28
F 4	13 25	18 6	4 26	16 26	2 3	10 39	1 28	20 7	1 38	20 50	0 46	21 6	0 32	21 32	0 6	19 39	1 35	19 54	14 36	23 20	23 23	0 30	15 48	6 28
S 5	13 5	21 15	3 46	15 49	2 2	10 11	1 27	20 15	1 38	20 52	0 47	21 7	0 32	21 32	0 6	19 39	1 35	19 54	14 36	23 20	23 23	0 27	15 47	6 28
S 6	12 45	23 28	2 56	15 11	2 0	9 43	1 27	20 23	1 39	20 53	0 47	21 8	0 32	21 33	0 6	19 39	1 35	19 53	14 36	23 20	23 23	0 24	15 46	6 29
M 7	12 24	24 32	1 55	14 31	1 57	9 14	1 26	20 30	1 39	20 54	0 47	21 9	0 32	21 33	0 6	19 39	1 35	19 52	14 36	23 20	23 23	0 21	15 45	6 29
T 8	12 3	24 14	0 45	13 50	1 54	8 45	1 26	20 38	1 39	20 56	0 47	21 10	0 32	21 33	0 6	19 39	1 34	19 52	14 36	23 20	23 24	0 18	15 44	6 29
W 9	11 42	22 29	0n29	13 7	1 50	8 16	1 25	20 46	1 39	20 57	0 47	21 11	0 32	21 33	0 6	19 39	1 34	19 51	14 36	23 20	23 24	0 15	15 43	6 30
T 10	11 21	19 16	1 43	12 23	1 46	7 46	1 24	20 53	1 39	20 59	0 47	21 11	0 32	21 33	0 6	19 39	1 34	19 50	14 36	23 20	23 24	0 12	15 42	6 30
F 11	10 59	14 45	2 53	11 38	1 41	7 17	1 24	21 1	1 39	21 0	0 47	21 12	0 33	21 34	0 6	19 39	1 34	19 50	14 36	23 20	23 24	0 10	15 41	6 30
S 12	10 38	9 14	3 53	10 51	1 36	6 47	1 23	21 8	1 39	21 1	0 47	21 13	0 33	21 34	0 6	19 39	1 34	19 49	14 36	23 20	23 24	0 7	15 40	6 31
S 13	10 16	3 6	4 36	10 3	1 30	6 17	1 22	21 16	1 39	21 2	0 47	21 14	0 33	21 34	0 6	19 39	1 34	19 48	14 36	23 21	23 24	0 4	15 39	6 31
M14	9 54	3n13	5 0	9 13	1 24	5 47	1 21	21 23	1 39	21 3	0 47	21 14	0 33	21 34	0 6	19 40	1 34	19 48	14 36	23 21	23 24	0 1	15 39	6 32
T 15	9 32	9 16	5 3	8 23	1 16	5 16	1 20	21 30	1 39	21 5	0 47	21 15	0 33	21 34	0 6	19 40	1 34	19 47	14 36	23 22	23 24	0s 2	15 38	6 32
W16	9 10	14 39	4 45	7 31	1 9	4 46	1 19	21 37	1 39	21 6	0 47	21 16	0 33	21 34	0 6	19 40	1 34	19 46	14 36	23 22	23 24	0 5	15 37	6 32
T 17	8 47	19 3	4 10	6 39	1 0	4 15	1 18	21 44	1 39	21 7	0 47	21 17	0 33	21 35	0 6	19 40	1 34	19 46	14 36	23 22	23 25	0 7	15 36	6 33
F 18	8 25	22 14	3 21	5 46	0 51	3 45	1 17	21 51	1 39	21 8	0 47	21 17	0 33	21 35	0 6	19 40	1 34	19 45	14 36	23 22	23 25	0 10	15 35	6 33
S 19	8 2	24 3	2 22	4 52	0 42	3 14	1 16	21 58	1 39	21 9	0 47	21 18	0 33	21 35	0 6	19 40	1 34	19 45	14 36	23 22	23 25	0 13	15 34	6 34
S 20	7 40	24 29	1 17	3 58	0 32	2 43	1 14	22 5	1 39	21 10	0 47	21 18	0 33	21 35	0 6	19 40	1 34	19 44	14 36	23 22	23 25	0 16	15 33	6 34
M21	7 17	23 36	0 10	3 3	0 21	2 12	1 13	22 11	1 39	21 11	0 47	21 19	0 33	21 35	0 6	19 40	1 34	19 43	14 36	23 22	23 25	0 19	15 32	6 34
T 22	6 54	21 35	0s56	2 8	0 10	1 41	1 11	22 18	1 39	21 11	0 47	21 20	0 33	21 35	0 6	19 41	1 34	19 43	14 36	23 22	23 25	0 22	15 31	6 35
W23	6 31	18 36	1 58	1 14	0n 2	1 10	1 10	22 24	1 39	21 12	0 47	21 20	0 33	21 35	0 6	19 41	1 34	19 42	14 36	23 22	23 25	0 25	15 30	6 35
T 24	6 8	14 52	2 54	0 20	0 14	0 39	1 8	22 31	1 39	21 13	0 47	21 21	0 33	21 35	0 6	19 41	1 34	19 41	14 36	23 23	23 25	0 27	15 29	6 36
F 25	5 45	10 34	3 41	0n34	0 26	0 8	1 7	22 37	1 39	21 14	0 47	21 21	0 33	21 35	0 6	19 41	1 33	19 41	14 36	23 23	23 25	0 30	15 28	6 36
S 26	5 22	5 55	4 19	1 26	0 39	0n23	1 5	22 43	1 39	21 14	0 47	21 22	0 33	21 35	0 6	19 41	1 33	19 40	14 36	23 23	23 26	0 33	15 27	6 36
S 27	4 58	1 4	4 45	2 17	0 52	0 54	1 4	22 49	1 39	21 15	0 47	21 22	0 34	21 35	0 6	19 42	1 33	19 40	14 36	23 24	23 26	0 36	15 26	6 37
M28	4 35	3s49	4 58	3 7	1 5	1 26	1 2	22 55	1 39	21 16	0 47	21 23	0 34	21 35	0 6	19 42	1 33	19 39	14 36	23 24	23 26	0 39	15 25	6 37
T 29	4s11	8s34	4s59	3n54	1n18	1n57	1s 0	23n 1	1n39	21n16	0n47	21n23	0n34	21s36	0n 6	19n42	1s33	19s39	14s36	23s25	23s26	0s41	15s24	6n38

Julian Day Number = 2292339.5, Delta T = 150.26 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'27, Lahiri = 17°46'27 Julian Calendar 1 Feb. 1564 == Greg. Calendar 11 Feb. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

MARCH 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 14 18	20♓26'05	21♎58	8♈12	8♈26	6♊45	28°R28	26°R49	7♐56	5♊16	14♓14	4°R24	4♉ 5	20♍17	20♉21	W 1
T 2	11 18 15	21°25'44	3♏59	9°31	9°40	7°18	28♋26	26♋47	7°56	5°17	14°16	4♉14	4° 2	20°24	20°25	T 2
F 3	11 22 11	22°25'21	16° 6	10°44	10°54	7°52	28°23	26°45	7°R56	5°18	14°17	4° 6	3°59	20°31	20°28	F 3
S 4	11 26 8	23°24'56	28°24	11°51	12° 9	8°25	28°21	26°44	7°56	5°19	14°19	4° 1	3°55	20°37	20°31	S 4
S 5	11 30 4	24°24'29	10♐56	12°50	13°23	8°59	28°19	26°42	7°56	5°20	14°20	3°59	3°52	20°44	20°35	S 5
M 6	11 34 1	25°24'01	23°46	13°43	14°37	9°32	28°17	26°41	7°56	5°21	14°22	3°D59	3°49	20°51	20°38	M 6
T 7	11 37 57	26°23'31	6♑57	14°28	15°51	10° 6	28°16	26°39	7°55	5°22	14°23	3°R59	3°46	20°58	20°41	T 7
W 8	11 41 54	27°22'59	20°35	15° 6	17° 5	10°40	28°14	26°38	7°55	5°23	14°25	3°58	3°43	21° 4	20°44	W 8
T 9	11 45 51	28°22'26	4♒41	15°37	18°19	11°14	28°13	26°37	7°55	5°24	14°26	3°55	3°40	21°11	20°47	T 9
F 10	11 49 47	29°21'50	19°14	15°59	19°33	11°47	28°12	26°36	7°54	5°25	14°28	3°50	3°36	21°18	20°50	F 10
S 11	11 53 44	0♈21'13	4♓11	16°14	20°47	12°21	28°11	26°35	7°54	5°26	14°29	3°43	3°33	21°24	20°53	S 11
S 12	11 57 40	1°20'33	19°24	16°R22	22° 1	12°55	28°11	26°35	7°54	5°27	14°31	3°32	3°30	21°31	20°56	S 12
M13	12 1 37	2°19'52	4♈44	16°21	23°15	13°29	28°10	26°34	7°53	5°28	14°32	3°21	3°27	21°38	20°59	M13
T 14	12 5 33	3°19'09	19°59	16°14	24°29	14° 3	28°10	26°33	7°52	5°30	14°34	3°10	3°24	21°45	21° 1	T 14
W15	12 9 30	4°18'23	4♉57	16° 0	25°42	14°38	28°D10	26°33	7°52	5°31	14°35	3° 0	3°21	21°51	21° 4	W15
T 16	12 13 26	5°17'36	19°30	15°39	26°56	15°12	28°10	26°33	7°51	5°32	14°37	2°53	3°17	21°58	21° 6	T 16
F 17	12 17 23	6°16'46	3♊35	15°12	28°10	15°46	28°11	26°32	7°51	5°33	14°38	2°48	3°14	22° 5	21° 9	F 17
S 18	12 21 20	7°15'54	17°10	14°40	29°24	16°20	28°11	26°D32	7°50	5°35	14°40	2°46	3°11	22°11	21°11	S 18
S 19	12 25 16	8°14'59	0♋16	14° 3	0♉37	16°55	28°12	26°32	7°49	5°36	14°41	2°45	3° 8	22°18	21°14	S 19
M20	12 29 13	9°14'02	12°59	13°23	1°51	17°29	28°13	26°32	7°48	5°38	14°43	2°45	3° 5	22°25	21°16	M20
T 21	12 33 9	10°13'03	25°22	12°39	3° 4	18° 4	28°14	26°33	7°47	5°39	14°44	2°45	3° 1	22°32	21°18	T 21
W22	12 37 6	11°12'01	7♌31	11°54	4°18	18°38	28°15	26°33	7°46	5°40	14°46	2°42	2°58	22°38	21°20	W22
T 23	12 41 2	12°10'58	19°30	11° 7	5°31	19°13	28°17	26°33	7°45	5°42	14°47	2°37	2°55	22°45	21°22	T 23
F 24	12 44 59	13° 9'51	1♍23	10°20	6°45	19°47	28°18	26°34	7°44	5°43	14°49	2°29	2°52	22°52	21°24	F 24
S 25	12 48 55	14° 8'43	13°14	9°34	7°58	20°22	28°20	26°35	7°43	5°45	14°50	2°19	2°49	22°59	21°26	S 25
S 26	12 52 52	15° 7'32	25° 6	8°49	9°12	20°57	28°22	26°35	7°42	5°46	14°51	2° 7	2°46	23° 5	21°28	S 26
M27	12 56 49	16° 6'20	7♎ 0	8° 7	10°25	21°32	28°24	26°36	7°41	5°48	14°53	1°53	2°42	23°12	21°30	M27
T 28	13 0 45	17° 5'05	18°58	7°27	11°38	22° 6	28°27	26°37	7°40	5°50	14°54	1°39	2°39	23°19	21°31	T 28
W29	13 4 42	18° 3'48	1♏ 2	6°51	12°52	22°41	28°29	26°38	7°38	5°51	14°56	1°27	2°36	23°25	21°33	W29
T 30	13 8 38	19° 2'30	13°11	6°19	14° 5	23°16	28°32	26°39	7°37	5°53	14°57	1°17	2°33	23°32	21°35	T 30
F 31	13 12 35	20♈ 1'09	25♏29	5♈52	15♉18	23♊51	28♋35	26♋41	7♐36	5♊55	14♓58	1♉ 9	2♉30	23♍39	21♉36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s48	13 s 0	4 s47	4n40	1n31	2n28	0 s58	23n 7	1n39	21n17	0n47	21n24	0n34	21 s36	0n 6	19n42	1 s33	19 s38	14 s36	23 s25	23 s26	0 s44	15 s23	6n38
T 2	3 24	16 58	4 22	5 23	1 44	2 59	0 56	23 12	1 39	21 17	0 47	21 24	0 34	21 36	0 6	19 42	1 33	19 37	14 36	23 26	23 26	0 47	15 22	6 39
F 3	3 1	20 16	3 44	6 3	1 57	3 30	0 54	23 18	1 39	21 18	0 47	21 24	0 34	21 36	0 5	19 43	1 33	19 37	14 36	23 26	23 26	0 50	15 21	6 39
S 4	2 37	22 43	2 56	6 40	2 9	4 1	0 52	23 23	1 39	21 18	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 36	14 36	23 26	23 26	0 53	15 20	6 40
S 5	2 14	24 6	1 59	7 14	2 21	4 31	0 50	23 28	1 38	21 19	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 36	14 36	23 26	23 26	0 56	15 19	6 40
M 6	1 50	24 15	0 54	7 45	2 32	5 2	0 48	23 33	1 38	21 19	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 35	14 36	23 26	23 26	0 58	15 18	6 41
T 7	1 26	23 3	0n16	8 12	2 42	5 33	0 46	23 38	1 38	21 19	0 47	21 26	0 34	21 36	0 5	19 43	1 33	19 35	14 36	23 26	23 27	1 1	15 17	6 41
W 8	1 3	20 29	1 27	8 36	2 51	6 3	0 44	23 43	1 38	21 19	0 47	21 26	0 34	21 35	0 5	19 44	1 33	19 34	14 36	23 26	23 27	1 4	15 16	6 42
T 9	0 39	16 38	2 35	8 55	3 0	6 34	0 41	23 48	1 38	21 20	0 47	21 26	0 34	21 35	0 5	19 44	1 33	19 34	14 37	23 26	23 27	1 7	15 15	6 42
F 10	0 15	11 42	3 35	9 11	3 7	7 4	0 39	23 52	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 44	1 33	19 33	14 37	23 26	23 27	1 10	15 15	6 43
S 11	0n 8	5 56	4 22	9 22	3 13	7 34	0 37	23 57	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 44	1 33	19 33	14 37	23 27	23 27	1 12	15 14	6 43
S 12	0 32	0n16	4 51	9 29	3 18	8 4	0 34	24 1	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 45	1 33	19 32	14 37	23 27	23 27	1 15	15 13	6 44
M13	0 56	6 28	5 0	9 33	3 21	8 33	0 32	24 5	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 45	1 33	19 32	14 37	23 27	23 27	1 18	15 12	6 44
T 14	1 19	12 15	4 47	9 31	3 23	9 3	0 30	24 9	1 38	21 20	0 46	21 27	0 34	21 35	0 5	19 45	1 32	19 31	14 37	23 27	23 27	1 21	15 11	6 45
W15	1 43	17 12	4 15	9 26	3 24	9 32	0 27	24 13	1 37	21 20	0 46	21 27	0 34	21 35	0 5	19 45	1 32	19 31	14 37	23 28	23 27	1 24	15 10	6 45
T 16	2 6	20 58	3 27	9 17	3 22	10 1	0 25	24 17	1 37	21 20	0 46	21 27	0 34	21 35	0 5	19 46	1 32	19 30	14 37	23 28	23 27	1 27	15 9	6 46
F 17	2 30	23 20	2 28	9 4	3 19	10 30	0 22	24 21	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 46	1 32	19 30	14 38	23 28	23 27	1 29	15 8	6 46
S 18	2 53	24 14	1 21	8 47	3 15	10 59	0 20	24 24	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 46	1 32	19 29	14 38	23 28	23 27	1 32	15 7	6 47
S 19	3 17	23 43	0 13	8 27	3 8	11 27	0 17	24 27	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 47	1 32	19 29	14 38	23 28	23 28	1 35	15 6	6 47
M20	3 40	21 58	0 s54	8 4	3 0	11 55	0 14	24 31	1 37	21 19	0 46	21 28	0 34	21 34	0 5	19 47	1 32	19 28	14 38	23 28	23 28	1 38	15 6	6 48
T 21	4 3	19 12	1 57	7 38	2 51	12 23	0 12	24 34	1 37	21 19	0 46	21 28	0 34	21 34	0 5	19 47	1 32	19 28	14 38	23 28	23 28	1 41	15 5	6 48
W22	4 26	15 39	2 53	7 10	2 40	12 50	0 9	24 37	1 36	21 19	0 46	21 28	0 35	21 34	0 5	19 48	1 32	19 28	14 38	23 28	23 28	1 43	15 4	6 49
T 23	4 50	11 31	3 40	6 40	2 28	13 18	0 6	24 39	1 36	21 19	0 46	21 28	0 35	21 34	0 5	19 48	1 32	19 27	14 39	23 28	23 28	1 46	15 3	6 50
F 24	5 13	6 59	4 18	6 10	2 14	13 45	0 4	24 42	1 36	21 18	0 46	21 27	0 35	21 34	0 5	19 48	1 32	19 27	14 39	23 28	23 28	1 49	15 2	6 50
S 25	5 35	2 14	4 44	5 38	2 0	14 11	0 1	24 45	1 36	21 18	0 46	21 27	0 35	21 34	0 5	19 48	1 32	19 26	14 39	23 29	23 28	1 52	15 1	6 51
S 26	5 58	2 s36	4 58	5 6	1 45	14 37	0n 2	24 47	1 36	21 17	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 26	14 39	23 29	23 28	1 54	15 0	6 51
M27	6 21	7 22	4 59	4 35	1 29	15 3	0 4	24 49	1 36	21 17	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 26	14 39	23 29	23 28	1 57	15 0	6 52
T 28	6 44	11 52	4 47	4 5	1 13	15 29	0 7	24 51	1 36	21 16	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 25	14 39	23 29	23 28	2 0	14 59	6 52
W29	7 6	15 57	4 22	3 35	0 56	15 54	0 10	24 53	1 35	21 16	0 46	21 27	0 35	21 33	0 5	19 50	1 32	19 25	14 40	23 29	23 28	2 3	14 58	6 53
T 30	7 28	19 24	3 45	3 7	0 40	16 18	0 13	24 55	1 35	21 15	0 46	21 27	0 35	21 33	0 5	19 50	1 32	19 25	14 40	23 29	23 28	2 6	14 57	6 53
F 31	7n51	22 s 2	2 s57	2n41	0n23	16n43	0n16	24n56	1n35	21n14	0n46	21n26	0n35	21 s32	0n 5	19n50	1 s32	19 s24	14 s40	23 s29	23 s28	2 s 8	14 s56	6n54

Julian Day Number = 2292368.5, Delta T = 150.10 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'30, Lahiri = 17°46'31 Julian Calendar 1 March 1564 == Greg. Calendar 11 March 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

APRIL 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 31	20♈59'47	7♐56	5°R29	16♉31	24♊26	28♋38	26♋42	7°R34	5♊56	15♓ 0	1°R 4	2♑27	23♍46	21♑37	S 1
S 2	13 20 28	21°58'23	20°35	5♈11	17°44	25° 1	28°41	26°44	7♐33	5°58	15° 1	1♑ 2	2°23	23°52	21°39	S 2
M 3	13 24 24	22°56'58	3♑29	4°58	18°57	25°36	28°45	26°45	7°31	6° 0	15° 2	1°D 1	2°20	23°59	21°40	M 3
T 4	13 28 21	23°55'30	16°40	4°50	20°10	26°11	28°48	26°47	7°30	6° 1	15° 3	1° 2	2°17	24° 6	21°41	T 4
W 5	13 32 18	24°54'02	0♒13	4°D48	21°23	26°46	28°52	26°49	7°28	6° 3	15° 5	1°R 2	2°14	24°12	21°42	W 5
T 6	13 36 14	25°52'31	14° 8	4°50	22°36	27°21	28°56	26°51	7°27	6° 5	15° 6	1° 0	2°11	24°19	21°43	T 6
F 7	13 40 11	26°50'59	28°27	4°58	23°49	27°56	29° 0	26°53	7°25	6° 7	15° 7	0°57	2° 7	24°26	21°44	F 7
S 8	13 44 7	27°49'25	13♓ 8	5°10	25° 1	28°31	29° 5	26°55	7°23	6° 9	15° 8	0°51	2° 4	24°33	21°45	S 8
S 9	13 48 4	28°47'49	28° 4	5°27	26°14	29° 7	29° 9	26°57	7°21	6°10	15°10	0°43	2° 1	24°39	21°46	S 9
M10	13 52 0	29°46'12	13♈ 9	5°49	27°27	29°42	29°14	27° 0	7°20	6°12	15°11	0°34	1°58	24°46	21°46	M10
T 11	13 55 57	0♉44'33	28°13	6°15	28°40	0♋17	29°18	27° 2	7°18	6°14	15°12	0°25	1°55	24°53	21°47	T 11
W12	13 59 53	1°42'53	13♉ 6	6°45	29°52	0°53	29°23	27° 5	7°16	6°16	15°13	0°17	1°52	25° 0	21°47	W12
T 13	14 3 50	2°41'10	27°39	7°20	1♊ 5	1°28	29°29	27° 7	7°14	6°18	15°14	0°11	1°48	25° 6	21°48	T 13
F 14	14 7 46	3°39'26	11♊47	7°58	2°17	2° 3	29°34	27°10	7°12	6°20	15°15	0° 7	1°45	25°13	21°48	F 14
S 15	14 11 43	4°37'40	25°27	8°40	3°30	2°39	29°39	27°13	7°10	6°22	15°17	0°D 6	1°42	25°20	21°48	S 15
S 16	14 15 40	5°35'51	8♋39	9°26	4°42	3°14	29°45	27°16	7° 8	6°24	15°18	0° 6	1°39	25°26	21°49	S 16
M17	14 19 36	6°34'01	21°27	10°15	5°54	3°50	29°51	27°19	7° 6	6°26	15°19	0° 7	1°36	25°33	21°49	M17
T 18	14 23 33	7°32'09	3♌54	11° 7	7° 7	4°25	29°56	27°22	7° 4	6°28	15°20	0°R 7	1°32	25°40	21°R49	T 18
W19	14 27 29	8°30'14	16° 5	12° 3	8°19	5° 1	0♌ 2	27°25	7° 2	6°30	15°21	0° 7	1°29	25°47	21°49	W19
T 20	14 31 26	9°28'18	28° 5	13° 2	9°31	5°36	0° 9	27°29	7° 0	6°32	15°22	0° 5	1°26	25°53	21°49	T 20
F 21	14 35 22	10°26'20	9♍58	14° 3	10°43	6°12	0°15	27°32	6°58	6°34	15°23	0° 1	1°23	26° 0	21°49	F 21
S 22	14 39 19	11°24'20	21°50	15° 8	11°55	6°48	0°21	27°36	6°56	6°36	15°24	29♐55	1°20	26° 7	21°48	S 22
S 23	14 43 15	12°22'18	3♎43	16°15	13° 7	7°23	0°28	27°39	6°54	6°38	15°25	29°48	1°17	26°13	21°48	S 23
M24	14 47 12	13°20'14	15°40	17°25	14°19	7°59	0°35	27°43	6°52	6°40	15°26	29°39	1°13	26°20	21°48	M24
T 25	14 51 9	14°18'09	27°45	18°38	15°31	8°35	0°42	27°47	6°50	6°42	15°27	29°31	1°10	26°27	21°47	T 25
W26	14 55 5	15°16'02	9♏57	19°53	16°43	9°10	0°49	27°51	6°47	6°44	15°28	29°23	1° 7	26°34	21°46	W26
T 27	14 59 2	16°13'53	22°19	21°10	17°55	9°46	0°56	27°55	6°45	6°47	15°29	29°16	1° 4	26°40	21°46	T 27
F 28	15 2 58	17°11'43	4♐52	22°30	19° 7	10°22	1° 3	27°59	6°43	6°49	15°29	29°12	1° 1	26°47	21°45	F 28
S 29	15 6 55	18° 9'32	17°35	23°53	20°18	10°58	1°10	28° 3	6°40	6°51	15°30	29° 9	0°58	26°54	21°44	S 29
S 30	15 10 51	19♉ 7'19	0♑30	25♈18	21♊30	11♋34	1♌18	28♋ 7	6♐38	6♊53	15♓31	29°D 9	0♑54	27♍ 1	21♑43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n13	23s39	1s59	2n17	0n 7	17n 6	0n18	24n57	1n35	21n14	0n46	21n26	0n35	21s32	0n 5	19n51	1s32	19s24	14s40	23s30	23s28	2s11	14s56	6n55
S 2	8 35	24 5	0 55	1 56	0s 9	17 30	0 21	24 59	1 35	21 13	0 46	21 26	0 35	21 32	0 5	19 51	1 32	19 24	14 41	23 30	23 28	2 14	14 55	6 55
M 3	8 57	23 14	0n13	1 36	0 25	17 53	0 24	25 0	1 35	21 12	0 46	21 26	0 35	21 32	0 5	19 51	1 32	19 23	14 41	23 30	23 29	2 17	14 54	6 56
T 4	9 18	21 6	1 22	1 19	0 39	18 15	0 27	25 1	1 34	21 11	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 23	14 41	23 30	23 29	2 19	14 53	6 56
W 5	9 40	17 44	2 29	1 5	0 54	18 38	0 30	25 1	1 34	21 11	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 23	14 41	23 30	23 29	2 22	14 53	6 57
T 6	10 1	13 18	3 28	0 54	1 7	18 59	0 32	25 2	1 34	21 10	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 22	14 41	23 30	23 29	2 25	14 52	6 57
F 7	10 22	8 2	4 17	0 45	1 20	19 20	0 35	25 3	1 34	21 9	0 45	21 24	0 35	21 31	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 28	14 51	6 58
S 8	10 43	2 11	4 49	0 39	1 33	19 41	0 38	25 3	1 34	21 8	0 45	21 24	0 35	21 30	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 31	14 51	6 59
S 9	11 4	3n52	5 3	0 35	1 44	20 1	0 41	25 3	1 33	21 7	0 45	21 23	0 35	21 30	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 33	14 50	6 59
M10	11 25	9 45	4 56	0 34	1 55	20 21	0 43	25 3	1 33	21 6	0 45	21 23	0 35	21 30	0 5	19 54	1 31	19 21	14 42	23 30	23 29	2 36	14 49	7 0
T 11	11 46	15 3	4 29	0 35	2 5	20 40	0 46	25 3	1 33	21 5	0 45	21 23	0 35	21 30	0 5	19 54	1 31	19 21	14 43	23 30	23 29	2 39	14 49	7 0
W12	12 6	19 21	3 44	0 38	2 14	20 58	0 49	25 2	1 33	21 4	0 45	21 22	0 35	21 29	0 5	19 55	1 31	19 21	14 43	23 30	23 29	2 42	14 48	7 1
T 13	12 26	22 21	2 44	0 44	2 22	21 16	0 52	25 2	1 33	21 3	0 45	21 22	0 35	21 29	0 5	19 55	1 31	19 21	14 43	23 30	23 29	2 44	14 47	7 1
F 14	12 46	23 51	1 36	0 53	2 30	21 33	0 54	25 1	1 32	21 2	0 45	21 21	0 35	21 29	0 5	19 55	1 31	19 21	14 44	23 30	23 29	2 47	14 47	7 2
S 15	13 6	23 50	0 25	1 3	2 36	21 50	0 57	25 0	1 32	21 0	0 45	21 21	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 50	14 46	7 3
S 16	13 25	22 27	0s46	1 15	2 42	22 6	1 0	24 59	1 32	20 59	0 45	21 20	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 53	14 46	7 3
M17	13 44	19 56	1 52	1 30	2 48	22 22	1 2	24 58	1 32	20 58	0 45	21 19	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 55	14 45	7 4
T 18	14 3	16 33	2 51	1 46	2 52	22 37	1 5	24 57	1 31	20 57	0 45	21 19	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	2 58	14 44	7 4
W19	14 22	12 32	3 41	2 4	2 56	22 51	1 7	24 55	1 31	20 55	0 45	21 18	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	3 1	14 44	7 5
T 20	14 41	8 5	4 21	2 24	2 59	23 5	1 10	24 54	1 31	20 54	0 45	21 18	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	3 4	14 43	7 5
F 21	14 59	3 24	4 49	2 46	3 1	23 18	1 13	24 52	1 31	20 53	0 45	21 17	0 35	21 26	0 5	19 58	1 31	19 20	14 46	23 30	23 29	3 6	14 43	7 6
S 22	15 17	1s24	5 4	3 9	3 3	23 31	1 15	24 50	1 31	20 51	0 45	21 16	0 36	21 26	0 5	19 58	1 31	19 19	14 46	23 30	23 29	3 9	14 42	7 7
S 23	15 35	6 10	5 6	3 34	3 4	23 42	1 17	24 48	1 30	20 50	0 45	21 16	0 36	21 26	0 5	19 59	1 31	19 19	14 46	23 30	23 29	3 12	14 42	7 7
M24	15 53	10 43	4 55	4 1	3 5	23 54	1 20	24 45	1 30	20 48	0 45	21 15	0 36	21 25	0 5	19 59	1 31	19 19	14 46	23 30	23 29	3 15	14 41	7 8
T 25	16 10	14 54	4 31	4 29	3 4	24 4	1 22	24 43	1 30	20 47	0 45	21 14	0 36	21 25	0 5	19 59	1 31	19 19	14 47	23 30	23 29	3 17	14 41	7 8
W26	16 27	18 32	3 54	4 58	3 3	24 14	1 24	24 40	1 30	20 45	0 45	21 13	0 36	21 25	0 5	20 0	1 31	19 19	14 47	23 30	23 29	3 20	14 40	7 9
T 27	16 44	21 23	3 6	5 28	3 2	24 23	1 27	24 37	1 29	20 44	0 45	21 13	0 36	21 24	0 5	20 0	1 31	19 19	14 47	23 30	23 29	3 23	14 40	7 9
F 28	17 0	23 15	2 8	6 0	3 0	24 32	1 29	24 34	1 29	20 42	0 45	21 12	0 36	21 24	0 5	20 0	1 31	19 19	14 48	23 30	23 30	3 26	14 39	7 10
S 29	17 17	23 57	1 2	6 33	2 57	24 39	1 31	24 31	1 29	20 40	0 45	21 11	0 36	21 23	0 5	20 1	1 31	19 19	14 48	23 30	23 30	3 28	14 39	7 10
S 30	17n33	23s22	0n 7	7n 7	2s53	24n46	1n33	24n28	1n29	20n39	0n45	21n10	0n36	21s23	0n 5	20n 1	1s31	19s19	14s48	23s30	23s30	3s31	14s39	7n11

Julian Day Number = 2292399.5, Delta T = 149.93 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'35, Lahiri = 17°46'35 Julian Calendar 1 Apr. 1564 == Greg. Calendar 11 Apr. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

MAY 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 14 48	20♉ 5'06	13♋38	26♈45	22♊41	12♋ 9	1♌26	28♋11	6°R36	6♊55	15♓32	29♐ 9	0♋51	27♍ 7	21°R43	M 1
T 2	15 18 44	21° 2'51	27° 1	28°14	23°53	12°45	1°33	28°16	6♐34	6°57	15°33	29°11	0°48	27°14	21♋42	T 2
W 3	15 22 41	22° 0'34	10♒39	29°46	25° 4	13°21	1°41	28°20	6°31	7° 0	15°33	29°12	0°45	27°21	21°40	W 3
T 4	15 26 38	22°58'17	24°32	1♉20	26°16	13°57	1°49	28°25	6°29	7° 2	15°34	29°R13	0°42	27°27	21°39	T 4
F 5	15 30 34	23°55'59	8♓42	2°56	27°27	14°33	1°57	28°30	6°26	7° 4	15°35	29°12	0°38	27°34	21°38	F 5
S 6	15 34 31	24°53'39	23° 6	4°34	28°38	15° 9	2° 6	28°34	6°24	7° 6	15°36	29° 9	0°35	27°41	21°37	S 6
S 7	15 38 27	25°51'19	7♈41	6°15	29°49	15°45	2°14	28°39	6°22	7° 8	15°36	29° 6	0°32	27°48	21°35	S 7
M 8	15 42 24	26°48'57	22°22	7°58	1♋ 1	16°21	2°23	28°44	6°19	7°10	15°37	29° 1	0°29	27°54	21°34	M 8
T 9	15 46 20	27°46'35	7♉ 2	9°43	2°12	16°57	2°31	28°49	6°17	7°13	15°38	28°57	0°26	28° 1	21°32	T 9
W10	15 50 17	28°44'12	21°34	11°30	3°23	17°33	2°40	28°54	6°14	7°15	15°38	28°53	0°23	28° 8	21°31	W10
T 11	15 54 13	29°41'47	5♊52	13°20	4°33	18° 9	2°49	28°59	6°12	7°17	15°39	28°50	0°19	28°15	21°29	T 11
F 12	15 58 10	0♊39'21	19°50	15°12	5°44	18°46	2°58	29° 4	6° 9	7°19	15°39	28°48	0°16	28°21	21°27	F 12
S 13	16 2 7	1°36'54	3♋26	17° 6	6°55	19°22	3° 7	29° 9	6° 7	7°22	15°40	28°D48	0°13	28°28	21°26	S 13
S 14	16 6 3	2°34'26	16°38	19° 2	8° 6	19°58	3°16	29°15	6° 4	7°24	15°41	28°49	0°10	28°35	21°24	S 14
M15	16 10 0	3°31'57	29°28	21° 0	9°16	20°34	3°25	29°20	6° 2	7°26	15°41	28°50	0° 7	28°41	21°22	M15
T 16	16 13 56	4°29'26	11♌58	23° 0	10°27	21°10	3°35	29°26	5°59	7°28	15°42	28°52	0° 4	28°48	21°20	T 16
W17	16 17 53	5°26'54	24°11	25° 2	11°37	21°47	3°44	29°31	5°57	7°31	15°42	28°53	0° 0	28°55	21°18	W17
T 18	16 21 49	6°24'20	6♍14	27° 6	12°48	22°23	3°54	29°37	5°55	7°33	15°42	28°R54	29♐57	29° 2	21°16	T 18
F 19	16 25 46	7°21'46	18° 9	29°12	13°58	22°59	4° 3	29°42	5°52	7°35	15°43	28°53	29°54	29° 8	21°14	F 19
S 20	16 29 42	8°19'10	0♎ 2	1♊19	15° 8	23°35	4°13	29°48	5°50	7°37	15°43	28°52	29°51	29°15	21°11	S 20
S 21	16 33 39	9°16'33	11°57	3°28	16°18	24°12	4°23	29°54	5°47	7°40	15°44	28°50	29°48	29°22	21° 9	S 21
M22	16 37 36	10°13'55	23°58	5°37	17°28	24°48	4°33	29°59	5°45	7°42	15°44	28°47	29°44	29°28	21° 7	M22
T 23	16 41 32	11°11'16	6♏ 8	7°48	18°38	25°25	4°43	0♌ 6	5°42	7°44	15°44	28°44	29°41	29°35	21° 4	T 23
W24	16 45 29	12° 8'36	18°29	10° 0	19°48	26° 1	4°53	0°12	5°40	7°46	15°45	28°42	29°38	29°42	21° 2	W24
T 25	16 49 25	13° 5'55	1♐ 4	12°11	20°58	26°37	5° 3	0°18	5°37	7°49	15°45	28°40	29°35	29°49	20°59	T 25
F 26	16 53 22	14° 3'13	13°54	14°23	22° 8	27°14	5°14	0°24	5°35	7°51	15°45	28°39	29°32	29°55	20°57	F 26
S 27	16 57 18	15° 0'31	26°57	16°35	23°17	27°50	5°24	0°30	5°32	7°53	15°45	28°D38	29°29	0♎ 2	20°54	S 27
S 28	17 1 15	15°57'48	10♋15	18°47	24°27	28°27	5°35	0°36	5°30	7°55	15°46	28°38	29°25	0° 9	20°51	S 28
M29	17 5 12	16°55'05	23°46	20°58	25°36	29° 3	5°45	0°42	5°28	7°57	15°46	28°39	29°22	0°16	20°49	M29
T 30	17 9 8	17°52'21	7♒30	23° 8	26°45	29°40	5°56	0°49	5°25	8° 0	15°46	28°40	29°19	0°22	20°46	T 30
W31	17 13 5	18♊49'37	21♒24	25♊16	27♋55	0♌16	6♌ 7	0♌55	5♐23	8♊ 2	15♓46	28♐41	29♐16	0♎29	20♋43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n48	21s30	1n18	7n42	2s49	24n53	1n35	24n24	1n28	20n37	0n45	21n 9	0n36	21s23	0n 5	20n 2	1s31	19s19	14s49	23s30	23s30	3s34	14s38	7n12
T 2	18 4	18 25	2 26	8 18	2 45	24 58	1 37	24 21	1 28	20 35	0 45	21 9	0 36	21 22	0 5	20 2	1 31	19 19	14 49	23 30	23 30	3 36	14 38	7 12
W 3	18 19	14 18	3 26	8 55	2 40	25 3	1 39	24 17	1 28	20 33	0 44	21 8	0 36	21 22	0 5	20 2	1 31	19 19	14 49	23 30	23 30	3 39	14 37	7 13
T 4	18 34	9 20	4 16	9 33	2 34	25 8	1 41	24 13	1 28	20 31	0 44	21 7	0 36	21 22	0 5	20 3	1 31	19 19	14 50	23 30	23 30	3 42	14 37	7 13
F 5	18 48	3 49	4 52	10 12	2 28	25 11	1 43	24 9	1 27	20 30	0 44	21 6	0 36	21 21	0 5	20 3	1 31	19 19	14 50	23 30	23 30	3 45	14 37	7 14
S 6	19 2	2n 0	5 10	10 51	2 21	25 14	1 45	24 5	1 27	20 28	0 44	21 5	0 36	21 21	0 5	20 4	1 31	19 19	14 50	23 30	23 30	3 47	14 36	7 14
S 7	19 16	7 46	5 8	11 31	2 14	25 16	1 47	24 0	1 27	20 26	0 44	21 4	0 36	21 20	0 5	20 4	1 31	19 19	14 51	23 30	23 30	3 50	14 36	7 15
M 8	19 29	13 9	4 46	12 12	2 7	25 18	1 48	23 56	1 27	20 24	0 44	21 3	0 36	21 20	0 5	20 4	1 31	19 19	14 51	23 30	23 30	3 53	14 36	7 15
T 9	19 43	17 45	4 6	12 53	1 59	25 18	1 50	23 51	1 26	20 22	0 44	21 2	0 36	21 19	0 5	20 5	1 31	19 19	14 51	23 29	23 30	3 55	14 36	7 16
W10	19 56	21 15	3 10	13 34	1 50	25 18	1 51	23 46	1 26	20 20	0 44	21 1	0 36	21 19	0 5	20 5	1 30	19 19	14 52	23 29	23 30	3 58	14 35	7 16
T 11	20 8	23 21	2 2	14 16	1 41	25 18	1 53	23 41	1 26	20 18	0 44	21 0	0 36	21 19	0 5	20 5	1 30	19 19	14 52	23 29	23 30	4 1	14 35	7 17
F 12	20 20	23 55	0 49	14 58	1 32	25 16	1 54	23 36	1 26	20 16	0 44	20 59	0 36	21 18	0 5	20 6	1 30	19 19	14 52	23 29	23 30	4 4	14 35	7 17
S 13	20 32	23 2	0s25	15 40	1 22	25 14	1 55	23 30	1 25	20 13	0 44	20 58	0 36	21 18	0 5	20 6	1 30	19 19	14 53	23 29	23 30	4 6	14 35	7 18
S 14	20 43	20 52	1 36	16 21	1 12	25 11	1 57	23 25	1 25	20 11	0 44	20 57	0 36	21 17	0 5	20 7	1 30	19 20	14 53	23 29	23 30	4 9	14 34	7 18
M15	20 55	17 42	2 40	17 3	1 2	25 8	1 58	23 19	1 25	20 9	0 44	20 56	0 36	21 17	0 5	20 7	1 30	19 20	14 54	23 29	23 30	4 12	14 34	7 19
T 16	21 5	13 48	3 35	17 44	0 52	25 4	1 59	23 13	1 25	20 7	0 44	20 55	0 36	21 17	0 5	20 7	1 30	19 20	14 54	23 29	23 30	4 14	14 34	7 19
W17	21 16	9 25	4 19	18 24	0 41	24 59	2 0	23 7	1 24	20 5	0 44	20 54	0 36	21 16	0 5	20 8	1 30	19 20	14 54	23 29	23 30	4 17	14 34	7 19
T 18	21 26	4 45	4 50	19 4	0 30	24 53	2 1	23 1	1 24	20 2	0 44	20 52	0 36	21 16	0 5	20 8	1 30	19 20	14 55	23 29	23 30	4 20	14 34	7 20
F 19	21 35	0s 3	5 9	19 42	0 20	24 47	2 2	22 54	1 24	20 0	0 44	20 51	0 36	21 15	0 5	20 8	1 30	19 20	14 55	23 29	23 30	4 22	14 34	7 20
S 20	21 45	4 49	5 15	20 20	0 9	24 40	2 2	22 48	1 23	19 58	0 44	20 50	0 36	21 15	0 5	20 9	1 30	19 20	14 55	23 29	23 30	4 25	14 34	7 21
S 21	21 54	9 26	5 6	20 56	0n 2	24 32	2 3	22 41	1 23	19 55	0 44	20 49	0 37	21 14	0 5	20 9	1 30	19 21	14 56	23 29	23 30	4 28	14 34	7 21
M22	22 2	13 44	4 45	21 30	0 13	24 24	2 4	22 35	1 23	19 53	0 44	20 48	0 37	21 14	0 5	20 10	1 30	19 21	14 56	23 29	23 30	4 31	14 34	7 22
T 23	22 10	17 32	4 10	22 2	0 23	24 15	2 4	22 28	1 23	19 50	0 44	20 46	0 37	21 14	0 5	20 10	1 30	19 21	14 56	23 29	23 30	4 33	14 33	7 22
W24	22 18	20 38	3 24	22 33	0 33	24 5	2 5	22 21	1 22	19 48	0 44	20 45	0 37	21 13	0 5	20 10	1 30	19 21	14 57	23 29	23 30	4 36	14 33	7 22
T 25	22 25	22 49	2 26	23 1	0 43	23 55	2 5	22 13	1 22	19 46	0 44	20 44	0 37	21 13	0 5	20 11	1 30	19 21	14 57	23 29	23 30	4 39	14 33	7 23
F 26	22 32	23 51	1 21	23 27	0 52	23 44	2 5	22 6	1 22	19 43	0 44	20 43	0 37	21 12	0 5	20 11	1 30	19 22	14 58	23 29	23 30	4 41	14 33	7 23
S 27	22 39	23 37	0 9	23 50	1 1	23 32	2 5	21 58	1 21	19 40	0 44	20 41	0 37	21 12	0 5	20 11	1 30	19 22	14 58	23 29	23 30	4 44	14 33	7 24
S 28	22 45	22 2	1n 4	24 11	1 10	23 20	2 5	21 51	1 21	19 38	0 44	20 40	0 37	21 11	0 5	20 12	1 30	19 22	14 58	23 29	23 30	4 47	14 33	7 24
M29	22 51	19 11	2 15	24 29	1 18	23 7	2 5	21 43	1 21	19 35	0 44	20 39	0 37	21 11	0 5	20 12	1 30	19 22	14 59	23 29	23 30	4 49	14 33	7 24
T 30	22 56	15 14	3 19	24 44	1 25	22 54	2 5	21 35	1 21	19 33	0 44	20 37	0 37	21 11	0 5	20 12	1 30	19 23	14 59	23 29	23 30	4 52	14 33	7 25
W31	23n 1	10s25	4n12	24n56	1n31	22n40	2n 5	21n27	1n20	19n30	0n44	20n36	0n37	21s10	0n 5	20n13	1s30	19s23	14s59	23s29	23s30	4s55	14s34	7n25

Julian Day Number = 2292429.5, Delta T = 149.77 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'39, Lahiri = 17°46'39 Julian Calendar 1 May 1564 == Greg. Calendar 11 May 1564

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1564
geocentric

JUNE 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 17 1	19♊46'52	5♓27	27♊24	29♋ 4	0♌53	6♌17	1♌ 2	5°R20	8♊ 4	15♓46	28♐41	29♐13	0♎36	20°R40	T 1
F 2	17 20 58	20°44'07	19°37	29°30	0♌13	1°29	6°28	1° 8	5♐18	8° 6	15°46	28°R42	29°10	0°42	20♑37	F 2
S 3	17 24 54	21°41'22	3♈53	1♋34	1°21	2° 6	6°39	1°15	5°16	8° 8	15°46	28°42	29° 6	0°49	20°34	S 3
S 4	17 28 51	22°38'37	18°10	3°37	2°30	2°43	6°50	1°21	5°13	8°11	15°47	28°41	29° 3	0°56	20°31	S 4
M 5	17 32 47	23°35'51	2♉27	5°38	3°39	3°19	7° 1	1°28	5°11	8°13	15°47	28°41	29° 0	1° 3	20°28	M 5
T 6	17 36 44	24°33'06	16°40	7°36	4°47	3°56	7°12	1°34	5° 9	8°15	15°R47	28°40	28°57	1° 9	20°25	T 6
W 7	17 40 41	25°30'20	0♊45	9°33	5°56	4°33	7°24	1°41	5° 6	8°17	15°47	28°40	28°54	1°16	20°22	W 7
T 8	17 44 37	26°27'35	14°38	11°28	7° 4	5° 9	7°35	1°48	5° 4	8°19	15°46	28°40	28°50	1°23	20°19	T 8
F 9	17 48 34	27°24'49	28°16	13°20	8°12	5°46	7°46	1°55	5° 2	8°22	15°46	28°D40	28°47	1°30	20°16	F 9
S 10	17 52 30	28°22'02	11♋37	15°11	9°21	6°23	7°58	2° 2	5° 0	8°24	15°46	28°R40	28°44	1°36	20°12	S 10
S 11	17 56 27	29°19'16	24°40	16°59	10°29	7° 0	8° 9	2° 9	4°58	8°26	15°46	28°40	28°41	1°43	20° 9	S 11
M12	18 0 23	0♌16'29	7♌24	18°45	11°36	7°36	8°21	2°15	4°55	8°28	15°46	28°39	28°38	1°50	20° 6	M12
T 13	18 4 20	1°13'41	19°53	20°29	12°44	8°13	8°33	2°22	4°53	8°30	15°46	28°39	28°35	1°56	20° 2	T 13
W14	18 8 16	2°10'54	2♍ 7	22°11	13°52	8°50	8°44	2°29	4°51	8°32	15°46	28°39	28°31	2° 3	19°59	W14
T 15	18 12 13	3° 8'05	14°10	23°50	14°59	9°27	8°56	2°37	4°49	8°34	15°46	28°38	28°28	2°10	19°56	T 15
F 16	18 16 10	4° 5'17	26° 6	25°27	16° 6	10° 4	9° 8	2°44	4°47	8°36	15°45	28°38	28°25	2°17	19°52	F 16
S 17	18 20 6	5° 2'28	7♎59	27° 3	17°13	10°41	9°20	2°51	4°45	8°38	15°45	28°D38	28°22	2°23	19°49	S 17
S 18	18 24 3	5°59'39	19°55	28°35	18°20	11°18	9°32	2°58	4°43	8°40	15°45	28°38	28°19	2°30	19°45	S 18
M19	18 27 59	6°56'50	1♏57	0♌ 6	19°27	11°55	9°44	3° 5	4°41	8°42	15°45	28°39	28°16	2°37	19°42	M19
T 20	18 31 56	7°54'01	14° 9	1°34	20°34	12°32	9°56	3°12	4°39	8°44	15°44	28°40	28°12	2°44	19°38	T 20
W21	18 35 52	8°51'11	26°36	3° 1	21°41	13° 9	10° 8	3°20	4°37	8°46	15°44	28°41	28° 9	2°50	19°35	W21
T 22	18 39 49	9°48'22	9♐21	4°24	22°47	13°46	10°20	3°27	4°35	8°48	15°44	28°41	28° 6	2°57	19°31	T 22
F 23	18 43 45	10°45'32	22°24	5°46	23°53	14°23	10°32	3°34	4°33	8°50	15°43	28°R42	28° 3	3° 4	19°28	F 23
S 24	18 47 42	11°42'43	5♑47	7° 5	24°59	15° 0	10°44	3°42	4°32	8°52	15°43	28°42	28° 0	3°10	19°24	S 24
S 25	18 51 39	12°39'54	19°29	8°22	26° 5	15°37	10°56	3°49	4°30	8°54	15°42	28°41	27°56	3°17	19°21	S 25
M26	18 55 35	13°37'05	3♒27	9°36	27°11	16°14	11° 9	3°56	4°28	8°56	15°42	28°40	27°53	3°24	19°17	M26
T 27	18 59 32	14°34'16	17°37	10°48	28°16	16°51	11°21	4° 4	4°26	8°58	15°41	28°38	27°50	3°31	19°13	T 27
W28	19 3 28	15°31'28	1♓56	11°57	29°21	17°28	11°33	4°11	4°25	9° 0	15°41	28°36	27°47	3°37	19°10	W28
T 29	19 7 25	16°28'40	16°18	13° 3	0♍26	18° 6	11°46	4°19	4°23	9° 2	15°40	28°34	27°44	3°44	19° 6	T 29
F 30	19 11 21	17♋25'53	0♈40	14♌ 7	1♍31	18♌43	11♌58	4♌26	4♐21	9♊ 4	15♓40	28♐33	27♐41	3♎51	19♑ 3	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	5s 1	4n51	25n 5	1n37	22n25	2n 4	21n19	1n20	19n27	0n44	20n35	0n37	21s10	0n 5	20n13	1s30	19s23	15s 0	23s29	23s30	4s57	14s34	7n25
F 2	23 10	0n40	5 13	25 12	1 42	22 10	2 4	21 10	1 20	19 24	0 44	20 33	0 37	21 9	0 5	20 13	1 30	19 24	15 0	23 29	23 30	5 0	14 34	7 26
S 3	23 14	6 22	5 15	25 16	1 47	21 55	2 3	21 2	1 19	19 22	0 44	20 32	0 37	21 9	0 5	20 14	1 30	19 24	15 1	23 29	23 30	5 3	14 34	7 26
S 4	23 17	11 44	4 59	25 17	1 50	21 38	2 3	20 53	1 19	19 19	0 44	20 31	0 37	21 9	0 5	20 14	1 30	19 24	15 1	23 29	23 30	5 5	14 34	7 26
M 5	23 20	16 28	4 23	25 16	1 53	21 21	2 2	20 44	1 19	19 16	0 44	20 29	0 37	21 8	0 5	20 14	1 30	19 25	15 1	23 29	23 30	5 8	14 34	7 27
T 6	23 23	20 15	3 32	25 12	1 55	21 4	2 1	20 35	1 18	19 13	0 44	20 28	0 37	21 8	0 5	20 15	1 30	19 25	15 2	23 29	23 29	5 10	14 34	7 27
W 7	23 25	22 47	2 29	25 6	1 57	20 46	2 0	20 26	1 18	19 10	0 44	20 26	0 37	21 7	0 5	20 15	1 30	19 25	15 2	23 29	23 29	5 13	14 34	7 27
T 8	23 27	23 53	1 17	24 57	1 58	20 28	1 59	20 17	1 18	19 7	0 44	20 25	0 37	21 7	0 5	20 15	1 30	19 26	15 2	23 29	23 29	5 16	14 35	7 28
F 9	23 28	23 31	0 2	24 46	1 58	20 9	1 58	20 8	1 17	19 5	0 44	20 23	0 37	21 7	0 5	20 16	1 30	19 26	15 3	23 29	23 29	5 18	14 35	7 28
S 10	23 29	21 48	1s11	24 34	1 57	19 50	1 56	19 58	1 17	19 2	0 44	20 22	0 37	21 6	0 5	20 16	1 30	19 26	15 3	23 29	23 29	5 21	14 35	7 28
S 11	23 30	18 58	2 19	24 19	1 56	19 30	1 55	19 48	1 17	18 59	0 44	20 20	0 37	21 6	0 5	20 16	1 30	19 27	15 4	23 29	23 29	5 24	14 35	7 28
M12	23 30	15 16	3 19	24 3	1 53	19 10	1 54	19 39	1 17	18 56	0 44	20 19	0 38	21 5	0 5	20 17	1 30	19 27	15 4	23 29	23 29	5 26	14 35	7 29
T 13	23 29	10 58	4 7	23 45	1 51	18 49	1 52	19 29	1 16	18 53	0 44	20 17	0 38	21 5	0 5	20 17	1 30	19 27	15 4	23 29	23 29	5 29	14 36	7 29
W14	23 29	6 20	4 44	23 26	1 47	18 28	1 50	19 19	1 16	18 49	0 44	20 16	0 38	21 5	0 5	20 17	1 31	19 28	15 5	23 29	23 29	5 32	14 36	7 29
T 15	23 27	1 32	5 7	23 5	1 44	18 6	1 48	19 9	1 16	18 46	0 44	20 14	0 38	21 4	0 5	20 18	1 31	19 28	15 5	23 29	23 29	5 34	14 36	7 29
F 16	23 26	3s17	5 16	22 43	1 39	17 44	1 46	18 58	1 15	18 43	0 44	20 12	0 38	21 4	0 5	20 18	1 31	19 29	15 5	23 29	23 29	5 37	14 37	7 29
S 17	23 24	7 57	5 13	22 20	1 34	17 22	1 44	18 48	1 15	18 40	0 44	20 11	0 38	21 4	0 5	20 18	1 31	19 29	15 6	23 29	23 29	5 40	14 37	7 30
S 18	23 22	12 21	4 55	21 56	1 28	16 59	1 42	18 37	1 15	18 37	0 44	20 9	0 38	21 3	0 5	20 19	1 31	19 30	15 6	23 29	23 29	5 42	14 37	7 30
M19	23 19	16 19	4 25	21 31	1 22	16 36	1 40	18 27	1 14	18 34	0 44	20 8	0 38	21 3	0 5	20 19	1 31	19 30	15 6	23 29	23 29	5 45	14 37	7 30
T 20	23 16	19 39	3 42	21 5	1 15	16 12	1 37	18 16	1 14	18 30	0 44	20 6	0 38	21 3	0 5	20 19	1 31	19 30	15 7	23 29	23 29	5 47	14 38	7 30
W21	23 12	22 10	2 48	20 38	1 8	15 49	1 35	18 5	1 14	18 27	0 44	20 4	0 38	21 2	0 5	20 19	1 31	19 31	15 7	23 29	23 29	5 50	14 38	7 30
T 22	23 8	23 38	1 45	20 11	1 0	15 24	1 32	17 54	1 13	18 24	0 44	20 3	0 38	21 2	0 5	20 20	1 31	19 31	15 7	23 29	23 29	5 53	14 39	7 30
F 23	23 4	23 51	0 35	19 43	0 52	15 0	1 29	17 43	1 13	18 21	0 44	20 1	0 38	21 2	0 5	20 20	1 31	19 32	15 8	23 29	23 29	5 55	14 39	7 30
S 24	22 59	22 43	0n39	19 15	0 43	14 35	1 27	17 32	1 13	18 17	0 44	19 59	0 38	21 1	0 5	20 20	1 31	19 32	15 8	23 29	23 29	5 58	14 39	7 30
S 25	22 53	20 13	1 52	18 46	0 34	14 10	1 24	17 21	1 12	18 14	0 44	19 58	0 38	21 1	0 5	20 21	1 31	19 33	15 9	23 29	23 29	6 0	14 40	7 31
M26	22 48	16 30	3 0	18 17	0 25	13 44	1 21	17 9	1 12	18 11	0 44	19 56	0 38	21 1	0 5	20 21	1 31	19 33	15 9	23 29	23 29	6 3	14 40	7 31
T 27	22 42	11 48	3 58	17 48	0 15	13 19	1 17	16 58	1 12	18 7	0 44	19 54	0 38	21 0	0 5	20 21	1 31	19 34	15 9	23 29	23 29	6 6	14 40	7 31
W28	22 35	6 25	4 42	17 19	0 4	12 53	1 14	16 46	1 11	18 4	0 44	19 53	0 38	21 0	0 4	20 21	1 31	19 34	15 10	23 29	23 29	6 8	14 41	7 31
T 29	22 29	0 41	5 8	16 50	0s 6	12 27	1 10	16 34	1 11	18 0	0 44	19 51	0 38	21 0	0 4	20 22	1 31	19 35	15 10	23 29	23 29	6 11	14 41	7 31
F 30	22n21	5n 5	5n15	16n21	0s18	12n 0	1n 7	16n22	1n11	17n57	0n44	19n49	0n39	20s59	0n 4	20n22	1s31	19s35	15s10	23s29	23s29	6s13	14s42	7n31

Julian Day Number = 2292460.5, Delta T = 149.59 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'43, Lahiri = 17°46'44 Julian Calendar 1 June 1564 == Greg. Calendar 11 June 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

JULY 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 15 18	18♋23'07	14♈57	15♌ 8	2♍36	19♌20	12♌11	4♌34	4°R20	9♊ 6	15°R39	28°D32	27♐37	3♎57	18°R59	S 1
S 2	19 19 14	19°20'21	29° 7	16° 5	3°40	19°57	12°23	4°41	4♐18	9° 7	15♓39	28♐32	27°34	4° 4	18♑55	S 2
M 3	19 23 11	20°17'37	13♉ 7	17° 0	4°45	20°35	12°36	4°49	4°17	9° 9	15°38	28°33	27°31	4°11	18°52	M 3
T 4	19 27 8	21°14'53	26°57	17°52	5°49	21°12	12°49	4°56	4°15	9°11	15°38	28°35	27°28	4°18	18°48	T 4
W 5	19 31 4	22°12'10	10♊36	18°40	6°52	21°49	13° 1	5° 4	4°14	9°13	15°37	28°36	27°25	4°24	18°45	W 5
T 6	19 35 1	23° 9'27	24° 2	19°25	7°56	22°27	13°14	5°12	4°13	9°14	15°36	28°R37	27°22	4°31	18°41	T 6
F 7	19 38 57	24° 6'46	7♋16	20° 6	8°59	23° 4	13°27	5°19	4°11	9°16	15°36	28°36	27°18	4°38	18°37	F 7
S 8	19 42 54	25° 4'05	20°17	20°44	10° 3	23°41	13°39	5°27	4°10	9°18	15°35	28°35	27°15	4°45	18°34	S 8
S 9	19 46 50	26° 1'25	3♌ 5	21°17	11° 5	24°19	13°52	5°35	4° 9	9°20	15°34	28°32	27°12	4°51	18°30	S 9
M10	19 50 47	26°58'45	15°39	21°47	12° 8	24°56	14° 5	5°42	4° 8	9°21	15°34	28°28	27° 9	4°58	18°27	M10
T 11	19 54 44	27°56'06	28° 0	22°12	13°10	25°34	14°18	5°50	4° 7	9°23	15°33	28°23	27° 6	5° 5	18°23	T 11
W12	19 58 40	28°53'28	10♍10	22°32	14°13	26°11	14°31	5°58	4° 6	9°24	15°32	28°18	27° 2	5°11	18°20	W12
T 13	20 2 37	29°50'50	22°11	22°48	15°14	26°49	14°43	6° 5	4° 4	9°26	15°31	28°14	26°59	5°18	18°16	T 13
F 14	20 6 33	0♌48'13	4♎ 6	23° 0	16°16	27°27	14°56	6°13	4° 3	9°28	15°30	28°10	26°56	5°25	18°13	F 14
S 15	20 10 30	1°45'36	15°58	23° 6	17°17	28° 4	15° 9	6°21	4° 3	9°29	15°30	28° 7	26°53	5°32	18° 9	S 15
S 16	20 14 26	2°43'00	27°52	23°R 7	18°18	28°42	15°22	6°28	4° 2	9°31	15°29	28°D 6	26°50	5°38	18° 6	S 16
M17	20 18 23	3°40'25	9♏52	23° 4	19°19	29°19	15°35	6°36	4° 1	9°32	15°28	28° 6	26°47	5°45	18° 2	M17
T 18	20 22 19	4°37'50	22° 4	22°54	20°19	29°57	15°48	6°44	4° 0	9°34	15°27	28° 7	26°43	5°52	17°59	T 18
W19	20 26 16	5°35'16	4♐31	22°40	21°19	0♍35	16° 1	6°52	3°59	9°35	15°26	28° 8	26°40	5°58	17°55	W19
T 20	20 30 12	6°32'43	17°18	22°21	22°18	1°13	16°14	6°59	3°58	9°36	15°25	28°10	26°37	6° 5	17°52	T 20
F 21	20 34 9	7°30'11	0♑29	21°56	23°17	1°50	16°27	7° 7	3°58	9°38	15°24	28°R10	26°34	6°12	17°49	F 21
S 22	20 38 6	8°27'40	14° 4	21°26	24°16	2°28	16°40	7°15	3°57	9°39	15°23	28° 9	26°31	6°19	17°46	S 22
S 23	20 42 2	9°25'09	28° 4	20°52	25°15	3° 6	16°53	7°22	3°57	9°41	15°23	28° 6	26°28	6°25	17°42	S 23
M24	20 45 59	10°22'40	12♒25	20°14	26°13	3°44	17° 6	7°30	3°56	9°42	15°22	28° 1	26°24	6°32	17°39	M24
T 25	20 49 55	11°20'11	27° 2	19°32	27°10	4°22	17°19	7°38	3°56	9°43	15°21	27°55	26°21	6°39	17°36	T 25
W26	20 53 52	12°17'44	11♓49	18°46	28° 7	4°59	17°33	7°46	3°55	9°44	15°20	27°49	26°18	6°46	17°33	W26
T 27	20 57 48	13°15'18	26°36	17°59	29° 4	5°37	17°46	7°53	3°55	9°46	15°19	27°43	26°15	6°52	17°30	T 27
F 28	21 1 45	14°12'54	11♈17	17° 9	0♎ 0	6°15	17°59	8° 1	3°55	9°47	15°18	27°37	26°12	6°59	17°27	F 28
S 29	21 5 41	15°10'31	25°45	16°19	0°56	6°53	18°12	8° 9	3°54	9°48	15°17	27°34	26° 8	7° 6	17°24	S 29
S 30	21 9 38	16° 8'10	9♉58	15°30	1°52	7°31	18°25	8°16	3°54	9°49	15°16	27°32	26° 5	7°12	17°21	S 30
M31	21 13 35	17♌ 5'50	23♉52	14♌41	2♎46	8♍ 9	18♌38	8♌24	3♐54	9♊50	15♓15	27°D32	26♐ 2	7♎19	17♑18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n14	10n33	5n 2	15n52	0s29	11n33	1n 3	16n10	1n10	17n53	0n44	19n48	0n39	20s59	0n 4	20n22	1s31	19s36	15s11	23s29	23s28	6s16	14s42	7n31
S 2	22 6	15 24	4 31	15 24	0 41	11 6	0 59	15 58	1 10	17 50	0 44	19 46	0 39	20 59	0 4	20 22	1 31	19 36	15 11	23 29	23 28	6 19	14 43	7 31
M 3	21 58	19 23	3 45	14 56	0 53	10 39	0 56	15 46	1 10	17 46	0 44	19 44	0 39	20 59	0 4	20 23	1 31	19 37	15 11	23 29	23 28	6 21	14 43	7 31
T 4	21 49	22 12	2 45	14 29	1 5	10 12	0 51	15 34	1 9	17 43	0 44	19 42	0 39	20 58	0 4	20 23	1 31	19 37	15 11	23 29	23 28	6 24	14 44	7 31
W 5	21 40	23 42	1 37	14 2	1 18	9 44	0 47	15 21	1 9	17 39	0 44	19 40	0 39	20 58	0 4	20 23	1 31	19 38	15 12	23 29	23 28	6 26	14 44	7 31
T 6	21 30	23 47	0 25	13 36	1 30	9 17	0 43	15 9	1 8	17 36	0 44	19 39	0 39	20 58	0 4	20 23	1 31	19 38	15 12	23 29	23 28	6 29	14 45	7 31
F 7	21 20	22 30	0s47	13 11	1 43	8 49	0 39	14 56	1 8	17 32	0 44	19 37	0 39	20 58	0 4	20 24	1 31	19 39	15 12	23 29	23 28	6 32	14 45	7 31
S 8	21 10	20 3	1 56	12 47	1 56	8 21	0 34	14 43	1 8	17 28	0 44	19 35	0 39	20 57	0 4	20 24	1 31	19 40	15 13	23 29	23 28	6 34	14 46	7 31
S 9	21 0	16 38	2 58	12 24	2 9	7 53	0 30	14 30	1 7	17 25	0 44	19 33	0 39	20 57	0 4	20 24	1 31	19 40	15 13	23 29	23 28	6 37	14 46	7 31
M10	20 49	12 32	3 49	12 2	2 23	7 24	0 25	14 17	1 7	17 21	0 44	19 31	0 39	20 57	0 4	20 24	1 31	19 41	15 13	23 29	23 28	6 39	14 47	7 31
T 11	20 37	7 59	4 29	11 41	2 36	6 56	0 20	14 4	1 7	17 17	0 45	19 30	0 39	20 57	0 4	20 24	1 31	19 41	15 14	23 29	23 28	6 42	14 47	7 30
W12	20 26	3 12	4 56	11 22	2 49	6 28	0 15	13 51	1 6	17 14	0 45	19 28	0 39	20 57	0 4	20 25	1 31	19 42	15 14	23 29	23 28	6 44	14 48	7 30
T 13	20 14	1s38	5 10	11 5	3 2	5 59	0 10	13 38	1 6	17 10	0 45	19 26	0 39	20 56	0 4	20 25	1 31	19 42	15 14	23 29	23 28	6 47	14 48	7 30
F 14	20 2	6 22	5 10	10 49	3 15	5 30	0 5	13 25	1 6	17 6	0 45	19 24	0 40	20 56	0 4	20 25	1 31	19 43	15 14	23 29	23 28	6 49	14 49	7 30
S 15	19 49	10 51	4 57	10 35	3 27	5 2	0s 0	13 12	1 5	17 2	0 45	19 22	0 40	20 56	0 4	20 25	1 31	19 43	15 15	23 29	23 28	6 52	14 50	7 30
S 16	19 36	14 57	4 31	10 23	3 39	4 33	0 6	12 58	1 5	16 59	0 45	19 20	0 40	20 56	0 4	20 25	1 31	19 44	15 15	23 29	23 27	6 55	14 50	7 30
M17	19 23	18 29	3 53	10 14	3 51	4 4	0 11	12 45	1 4	16 55	0 45	19 19	0 40	20 56	0 4	20 26	1 31	19 45	15 15	23 29	23 27	6 57	14 51	7 30
T 18	19 9	21 17	3 4	10 6	4 1	3 35	0 17	12 31	1 4	16 51	0 45	19 17	0 40	20 56	0 4	20 26	1 31	19 45	15 16	23 29	23 27	7 0	14 51	7 30
W19	18 55	23 9	2 5	10 1	4 12	3 6	0 23	12 17	1 4	16 47	0 45	19 15	0 40	20 56	0 4	20 26	1 31	19 46	15 16	23 29	23 27	7 2	14 52	7 29
T 20	18 41	23 52	0 59	9 59	4 21	2 37	0 29	12 3	1 3	16 43	0 45	19 13	0 40	20 55	0 4	20 26	1 31	19 46	15 16	23 29	23 27	7 5	14 53	7 29
F 21	18 26	23 17	0n13	9 59	4 29	2 8	0 35	11 49	1 3	16 39	0 45	19 11	0 40	20 55	0 4	20 26	1 31	19 47	15 16	23 29	23 27	7 7	14 53	7 29
S 22	18 11	21 20	1 25	10 2	4 36	1 40	0 41	11 36	1 3	16 36	0 45	19 9	0 40	20 55	0 4	20 27	1 32	19 48	15 17	23 29	23 27	7 10	14 54	7 29
S 23	17 56	18 4	2 35	10 7	4 42	1 11	0 47	11 22	1 2	16 32	0 45	19 7	0 40	20 55	0 4	20 27	1 32	19 48	15 17	23 29	23 27	7 12	14 54	7 29
M24	17 41	13 39	3 36	10 15	4 46	0 42	0 53	11 7	1 2	16 28	0 45	19 5	0 40	20 55	0 4	20 27	1 32	19 49	15 17	23 29	23 27	7 15	14 55	7 28
T 25	17 25	8 23	4 25	10 25	4 49	0 13	0 59	10 53	1 1	16 24	0 45	19 3	0 40	20 55	0 4	20 27	1 32	19 49	15 17	23 29	23 27	7 17	14 56	7 28
W26	17 9	2 35	4 56	10 38	4 50	0s16	1 6	10 39	1 1	16 20	0 45	19 2	0 41	20 55	0 4	20 27	1 32	19 50	15 17	23 29	23 27	7 20	14 56	7 28
T 27	16 53	3n21	5 8	10 54	4 49	0 44	1 12	10 25	1 1	16 16	0 45	19 0	0 41	20 55	0 4	20 27	1 32	19 51	15 18	23 29	23 27	7 22	14 57	7 28
F 28	16 36	9 4	4 59	11 11	4 46	1 13	1 19	10 10	1 0	16 12	0 45	18 58	0 41	20 55	0 4	20 27	1 32	19 51	15 18	23 28	23 26	7 25	14 58	7 27
S 29	16 19	14 11	4 32	11 30	4 42	1 41	1 26	9 56	1 0	16 8	0 45	18 56	0 41	20 55	0 4	20 28	1 32	19 52	15 18	23 28	23 26	7 28	14 58	7 27
S 30	16 2	18 26	3 48	11 51	4 35	2 10	1 33	9 41	0 59	16 4	0 46	18 54	0 41	20 55	0 4	20 28	1 32	19 52	15 18	23 28	23 26	7 30	14 59	7 27
M31	15n45	21n33	2n51	12n12	4s27	2s38	1s40	9n27	0n59	16n 0	0n46	18n52	0n41	20s55	0n 4	20n28	1s32	19s53	15s18	23s28	23s26	7s33	14s59	7n26

Julian Day Number = 2292490.5, Delta T = 149.43 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'47, Lahiri = 17°46'48 Julian Calendar 1 July 1564 == Greg. Calendar 11 July 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

AUGUST 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 17 31	18♌ 3'32	7♊29	13°R55	3♎41	8♍47	18♌51	8♌32	3°R54	9♊51	15°R13	27♐33	25♐59	7♎26	17°R15	T 1
W 2	21 21 28	19° 1'16	20°50	13♌11	4°34	9°25	19° 4	8°39	3♐54	9°52	15♓12	27°R34	25°56	7°33	17♉12	W 2
T 3	21 25 24	19°59'01	3♋55	12°32	5°28	10° 4	19°17	8°47	3°D54	9°53	15°11	27°34	25°53	7°39	17° 9	T 3
F 4	21 29 21	20°56'48	16°48	11°58	6°20	10°42	19°30	8°55	3°54	9°54	15°10	27°32	25°49	7°46	17° 7	F 4
S 5	21 33 17	21°54'36	29°29	11°29	7°12	11°20	19°44	9° 2	3°54	9°55	15° 9	27°28	25°46	7°53	17° 4	S 5
S 6	21 37 14	22°52'26	11♌59	11° 7	8° 4	11°58	19°57	9°10	3°54	9°56	15° 8	27°22	25°43	7°59	17° 1	S 6
M 7	21 41 11	23°50'18	24°19	10°51	8°55	12°36	20°10	9°17	3°54	9°57	15° 7	27°13	25°40	8° 6	16°59	M 7
T 8	21 45 7	24°48'10	6♍31	10°43	9°45	13°15	20°23	9°25	3°54	9°58	15° 6	27° 2	25°37	8°13	16°56	T 8
W 9	21 49 4	25°46'05	18°35	10°D43	10°34	13°53	20°36	9°32	3°55	9°59	15° 5	26°51	25°33	8°20	16°54	W 9
T 10	21 53 0	26°44'00	0♎31	10°51	11°23	14°31	20°49	9°40	3°55	10° 0	15° 3	26°41	25°30	8°26	16°51	T 10
F 11	21 56 57	27°41'57	12°24	11° 6	12°11	15°10	21° 2	9°47	3°55	10° 0	15° 2	26°31	25°27	8°33	16°49	F 11
S 12	22 0 53	28°39'56	24°14	11°30	12°58	15°48	21°15	9°55	3°56	10° 1	15° 1	26°24	25°24	8°40	16°47	S 12
S 13	22 4 50	29°37'56	6♏ 6	12° 2	13°45	16°27	21°28	10° 2	3°56	10° 2	15° 0	26°18	25°21	8°47	16°44	S 13
M14	22 8 46	0♍35'57	18° 4	12°41	14°30	17° 5	21°41	10°10	3°57	10° 3	14°59	26°16	25°18	8°53	16°42	M14
T 15	22 12 43	1°34'00	0♐12	13°29	15°15	17°44	21°54	10°17	3°57	10° 3	14°58	26°D15	25°14	9° 0	16°40	T 15
W16	22 16 39	2°32'04	12°36	14°24	15°59	18°22	22° 7	10°25	3°58	10° 4	14°56	26°15	25°11	9° 7	16°38	W16
T 17	22 20 36	3°30'10	25°20	15°26	16°42	19° 1	22°20	10°32	3°59	10° 4	14°55	26°R15	25° 8	9°13	16°36	T 17
F 18	22 24 33	4°28'17	8♑29	16°34	17°24	19°39	22°33	10°39	4° 0	10° 5	14°54	26°15	25° 5	9°20	16°34	F 18
S 19	22 28 29	5°26'25	22° 6	17°49	18° 4	20°18	22°46	10°47	4° 0	10° 5	14°53	26°12	25° 2	9°27	16°32	S 19
S 20	22 32 26	6°24'35	6♒13	19°10	18°44	20°57	22°59	10°54	4° 1	10° 6	14°52	26° 7	24°59	9°34	16°31	S 20
M21	22 36 22	7°22'47	20°46	20°37	19°23	21°35	23°12	11° 1	4° 2	10° 6	14°50	26° 0	24°55	9°40	16°29	M21
T 22	22 40 19	8°21'00	5♓41	22° 8	20° 0	22°14	23°25	11° 8	4° 3	10° 7	14°49	25°51	24°52	9°47	16°27	T 22
W23	22 44 15	9°19'15	20°48	23°43	20°37	22°53	23°38	11°15	4° 4	10° 7	14°48	25°40	24°49	9°54	16°26	W23
T 24	22 48 12	10°17'31	5♈59	25°22	21°12	23°32	23°51	11°22	4° 5	10° 8	14°47	25°30	24°46	10° 0	16°24	T 24
F 25	22 52 8	11°15'50	21° 1	27° 4	21°46	24°10	24° 3	11°29	4° 6	10° 8	14°45	25°21	24°43	10° 7	16°23	F 25
S 26	22 56 5	12°14'11	5♉47	28°49	22°18	24°49	24°16	11°37	4° 7	10° 8	14°44	25°15	24°39	10°14	16°21	S 26
S 27	23 0 2	13°12'34	20°11	0♍37	22°49	25°28	24°29	11°44	4° 9	10° 8	14°43	25°11	24°36	10°21	16°20	S 27
M28	23 3 58	14°10'59	4♊10	2°26	23°19	26° 7	24°42	11°50	4°10	10° 9	14°42	25° 9	24°33	10°27	16°19	M28
T 29	23 7 55	15° 9'26	17°45	4°16	23°47	26°46	24°54	11°57	4°11	10° 9	14°41	25° 9	24°30	10°34	16°18	T 29
W30	23 11 51	16° 7'56	0♋58	6° 7	24°13	27°25	25° 7	12° 4	4°13	10° 9	14°39	25° 9	24°27	10°41	16°16	W30
T 31	23 15 48	17♍ 6'28	13♋52	8♍ 0	24♎38	28♍ 4	25♌20	12♌11	4♐14	10♊ 9	14♓38	25♐ 8	24♐24	10♎47	16♑15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n27	23n21	1n46	12n35	4s17	3s 6	1s47	9n12	0n59	15n56	0n46	18n50	0n41	20s55	0n 4	20n28	1s32	19s53	15s19	23s28	23s26	7s35	15s 0	7n26	
W 2	15 9	23 47	0 36	12 58	4 5	3 34	1 54	8 57	0 58	15 52	0 46	18 48	0 41	20 55	0 4	20 28	1 32	19 54	15 19	23 28	23 26	7 38	15 1	7 26	
T 3	14 51	22 52	0s34	13 22	3 52	4 2	2 1	8 42	0 58	15 48	0 46	18 46	0 41	20 55	0 4	20 28	1 32	19 55	15 19	23 28	23 26	7 40	15 1	7 26	
F 4	14 33	20 46	1 41	13 45	3 38	4 29	2 9	8 28	0 57	15 44	0 46	18 44	0 41	20 55	0 4	20 28	1 32	19 55	15 19	23 28	23 26	7 43	15 2	7 25	
S 5	14 14	17 40	2 42	14 8	3 22	4 57	2 16	8 13	0 57	15 40	0 46	18 42	0 41	20 55	0 4	20 28	1 32	19 56	15 19	23 28	23 26	7 45	15 3	7 25	
S 6	13 55	13 48	3 35	14 30	3 6	5 24	2 24	7 58	0 57	15 36	0 46	18 40	0 42	20 55	0 4	20 28	1 32	19 56	15 20	23 28	23 26	7 48	15 3	7 25	
M 7	13 36	9 25	4 16	14 51	2 49	5 51	2 31	7 43	0 56	15 32	0 46	18 39	0 42	20 55	0 4	20 29	1 32	19 57	15 20	23 28	23 25	7 50	15 4	7 24	
T 8	13 17	4 44	4 45	15 10	2 31	6 18	2 39	7 28	0 56	15 27	0 46	18 37	0 42	20 55	0 4	20 29	1 32	19 58	15 20	23 28	23 25	7 53	15 5	7 24	
W 9	12 58	0s 5	5 0	15 27	2 13	6 45	2 47	7 12	0 55	15 23	0 46	18 35	0 42	20 55	0 4	20 29	1 32	19 58	15 20	23 27	23 25	7 55	15 5	7 23	
T 10	12 38	4 50	5 3	15 43	1 55	7 11	2 55	6 57	0 55	15 19	0 46	18 33	0 42	20 55	0 4	20 29	1 32	19 59	15 20	23 27	23 25	7 58	15 6	7 23	
F 11	12 18	9 23	4 52	15 56	1 37	7 38	3 3	6 42	0 55	15 15	0 46	18 31	0 42	20 55	0 4	20 29	1 32	19 59	15 20	23 27	23 25	8 0	15 7	7 23	
S 12	11 58	13 35	4 29	16 7	1 19	8 3	3 11	6 27	0 54	15 11	0 46	18 29	0 42	20 55	0 4	20 29	1 32	20 0	15 20	23 27	23 25	8 2	15 7	7 22	
S 13	11 38	17 16	3 54	16 15	1 1	8 29	3 19	6 11	0 54	15 7	0 47	18 27	0 42	20 55	0 4	20 29	1 32	20 1	15 21	23 27	23 25	8 5	15 8	7 22	
M14	11 17	20 16	3 9	16 20	0 44	8 54	3 27	5 56	0 53	15 3	0 47	18 25	0 42	20 55	0 4	20 29	1 32	20 1	15 21	23 27	23 25	8 7	15 9	7 21	
T 15	10 57	22 25	2 14	16 22	0 28	9 19	3 35	5 40	0 53	14 59	0 47	18 23	0 43	20 56	0 4	20 29	1 33	20 2	15 21	23 27	23 25	8 10	15 9	7 21	
W16	10 36	23 33	1 12	16 22	0 12	9 44	3 43	5 25	0 53	14 54	0 47	18 21	0 43	20 56	0 4	20 29	1 33	20 2	15 21	23 27	23 24	8 12	15 10	7 21	
T 17	10 15	23 30	0 5	16 18	0n 3	10 8	3 52	5 9	0 52	14 50	0 47	18 19	0 43	20 56	0 4	20 29	1 33	20 3	15 21	23 27	23 24	8 15	15 11	7 20	
F 18	9 54	22 9	1n 5	16 11	0 17	10 32	4 0	4 54	0 52	14 46	0 47	18 18	0 43	20 56	0 4	20 29	1 33	20 3	15 21	23 27	23 24	8 17	15 11	7 20	
S 19	9 32	19 30	2 13	16 1	0 30	10 56	4 8	4 38	0 51	14 42	0 47	18 16	0 43	20 56	0 4	20 29	1 33	20 4	15 21	23 26	23 24	8 20	15 12	7 19	
S 20	9 11	15 37	3 15	15 47	0 43	11 19	4 17	4 23	0 51	14 38	0 47	18 14	0 43	20 56	0 4	20 29	1 33	20 4	15 21	23 26	23 24	8 22	15 13	7 19	
M21	8 49	10 42	4 7	15 30	0 54	11 41	4 25	4 7	0 50	14 34	0 47	18 12	0 43	20 57	0 4	20 29	1 33	20 5	15 21	23 26	23 24	8 25	15 13	7 18	
T 22	8 28	5 4	4 43	15 10	1 4	12 4	4 34	3 51	0 50	14 29	0 47	18 10	0 43	20 57	0 4	20 29	1 33	20 6	15 21	23 26	23 24	8 27	15 14	7 18	
W23	8 6	0n57	5 0	14 48	1 13	12 25	4 42	3 35	0 50	14 25	0 47	18 8	0 43	20 57	0 4	20 29	1 33	20 6	15 21	23 25	23 24	8 30	15 15	7 18	
T 24	7 44	6 55	4 56	14 22	1 21	12 47	4 51	3 20	0 49	14 21	0 48	18 6	0 44	20 57	0 4	20 29	1 33	20 7	15 21	23 25	23 24	8 32	15 15	7 17	
F 25	7 21	12 25	4 32	13 53	1 28	13 7	5 0	3 4	0 49	14 17	0 48	18 4	0 44	20 57	0 4	20 29	1 33	20 7	15 22	23 25	23 23	8 34	15 16	7 17	
S 26	6 59	17 5	3 50	13 22	1 34	13 28	5 8	2 48	0 48	14 13	0 48	18 3	0 44	20 58	0 4	20 29	1 33	20 8	15 22	23 25	23 23	8 37	15 16	7 16	
S 27	6 37	20 37	2 54	12 49	1 39	13 47	5 17	2 32	0 48	14 9	0 48	18 1	0 44	20 58	0 4	20 29	1 33	20 8	15 22	23 24	23 23	8 39	15 17	7 16	
M28	6 14	22 48	1 49	12 14	1 43	14 6	5 25	2 16	0 47	14 4	0 48	17 59	0 44	20 58	0 4	20 29	1 33	20 9	15 22	23 24	23 23	8 42	15 18	7 15	
T 29	5 52	23 35	0 39	11 36	1 46	14 25	5 34	2 0	0 47	14 0	0 48	17 57	0 44	20 58	0 4	20 29	1 33	20 9	15 22	23 24	23 23	8 44	15 18	7 15	
W30	5 29	22 59	0s31	10 57	1 48	14 43	5 42	1 44	0 46	13 56	0 48	17 55	0 44	20 59	0 4	20 29	1 33	20 10	15 22	23 24	23 23	8 47	15 19	7 14	
T 31	5n 6	21n10	1s37	10n17	1n49	15s 0	5s51	1n28	0n46	13n52	0n48	17n54	0n44	20s59	0n 4	20n29	1s33	20s10	15s22	23s24	23s23	8s49	15s20	7n14	

Julian Day Number = 2292521.5, Delta T = 149.26 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'52, Lahiri = 17°46'52 Julian Calendar 1 Aug. 1564 == Greg. Calendar 11 Aug. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

SEPTEMBER 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 19 44	18♍ 5'02	26♋31	9♍52	25♎ 2	28♍43	25♌32	12♌18	4♐15	10♊ 9	14°R37	25°R 5	24♐20	10♎54	16°R15	F 1
S 2	23 23 41	19° 3'38	8♌56	11°45	25°23	29°22	25°45	12°25	4°17	10° 9	14♓36	24♐59	24°17	11° 1	16♉14	S 2
S 3	23 27 37	20° 2'16	21°13	13°37	25°43	0♎ 1	25°57	12°31	4°19	10°R 9	14°34	24°50	24°14	11° 8	16°13	S 3
M 4	23 31 34	21° 0'56	3♍21	15°29	26° 1	0°41	26°10	12°38	4°20	10° 9	14°33	24°38	24°11	11°14	16°12	M 4
T 5	23 35 31	21°59'38	15°23	17°21	26°17	1°20	26°22	12°45	4°22	10° 9	14°32	24°25	24° 8	11°21	16°11	T 5
W 6	23 39 27	22°58'22	27°20	19°13	26°31	1°59	26°35	12°51	4°23	10° 9	14°31	24°10	24° 5	11°28	16°11	W 6
T 7	23 43 24	23°57'08	9♎13	21° 3	26°44	2°38	26°47	12°58	4°25	10° 9	14°30	23°56	24° 1	11°34	16°10	T 7
F 8	23 47 20	24°55'56	21° 4	22°53	26°54	3°18	26°59	13° 4	4°27	10° 9	14°28	23°43	23°58	11°41	16°10	F 8
S 9	23 51 17	25°54'46	2♏54	24°43	27° 1	3°57	27°12	13°10	4°29	10° 9	14°27	23°33	23°55	11°48	16°10	S 9
S 10	23 55 13	26°53'38	14°46	26°31	27° 7	4°37	27°24	13°17	4°31	10° 8	14°26	23°25	23°52	11°55	16° 9	S 10
M11	23 59 10	27°52'32	26°44	28°19	27°10	5°16	27°36	13°23	4°33	10° 8	14°25	23°21	23°49	12° 1	16° 9	M11
T 12	0 3 6	28°51'27	8♐51	0♎ 6	27°R12	5°55	27°48	13°29	4°35	10° 8	14°24	23°19	23°45	12° 8	16° 9	T 12
W13	0 7 3	29°50'25	21°11	1°52	27°10	6°35	28° 0	13°35	4°37	10° 8	14°22	23°D18	23°42	12°15	16°D 9	W13
T 14	0 11 0	0♎49'24	3♉51	3°37	27° 7	7°15	28°12	13°41	4°39	10° 7	14°21	23°R18	23°39	12°21	16° 9	T 14
F 15	0 14 56	1°48'25	16°54	5°21	27° 1	7°54	28°24	13°47	4°41	10° 7	14°20	23°17	23°36	12°28	16° 9	F 15
S 16	0 18 53	2°47'28	0♒25	7° 4	26°52	8°34	28°36	13°53	4°43	10° 6	14°19	23°15	23°33	12°35	16° 9	S 16
S 17	0 22 49	3°46'32	14°26	8°47	26°41	9°13	28°48	13°59	4°45	10° 6	14°18	23°10	23°30	12°42	16°10	S 17
M18	0 26 46	4°45'38	28°57	10°28	26°28	9°53	28°59	14° 5	4°47	10° 6	14°17	23° 3	23°26	12°48	16°10	M18
T 19	0 30 42	5°44'46	13♓53	12° 9	26°12	10°33	29°11	14°11	4°50	10° 5	14°15	22°53	23°23	12°55	16°10	T 19
W20	0 34 39	6°43'56	29° 7	13°49	25°54	11°13	29°23	14°17	4°52	10° 4	14°14	22°43	23°20	13° 2	16°11	W20
T 21	0 38 35	7°43'08	14♈28	15°28	25°34	11°52	29°34	14°22	4°54	10° 4	14°13	22°32	23°17	13° 8	16°12	T 21
F 22	0 42 32	8°42'22	29°44	17° 6	25°11	12°32	29°46	14°28	4°57	10° 3	14°12	22°23	23°14	13°15	16°12	F 22
S 23	0 46 28	9°41'38	14♉46	18°44	24°47	13°12	29°57	14°33	4°59	10° 3	14°11	22°16	23°10	13°22	16°13	S 23
S 24	0 50 25	10°40'56	29°24	20°21	24°20	13°52	0♍ 9	14°39	5° 2	10° 2	14°10	22°12	23° 7	13°29	16°14	S 24
M25	0 54 22	11°40'17	13♊35	21°57	23°52	14°32	0°20	14°44	5° 4	10° 1	14° 9	22°10	23° 4	13°35	16°15	M25
T 26	0 58 18	12°39'41	27°17	23°32	23°22	15°12	0°31	14°50	5° 7	10° 1	14° 8	22°D10	23° 1	13°42	16°16	T 26
W27	1 2 15	13°39'06	10♋33	25° 7	22°50	15°52	0°43	14°55	5° 9	10° 0	14° 7	22°R10	22°58	13°49	16°17	W27
T 28	1 6 11	14°38'34	23°26	26°41	22°17	16°32	0°54	15° 0	5°12	9°59	14° 6	22°10	22°55	13°55	16°18	T 28
F 29	1 10 8	15°38'04	6♌ 0	28°15	21°43	17°12	1° 5	15° 5	5°14	9°58	14° 5	22° 8	22°51	14° 2	16°19	F 29
S 30	1 14 4	16♎37'37	18♌18	29♎47	21♎ 7	17♎52	1♍16	15♌10	5♐17	9♊57	14♓ 4	22♐ 3	22♐48	14♎ 9	16♉20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n43	18n19	2s38	9n35	1n49	15s16	5s59	1n12	0n46	13n48	0n48	17n52	0n45	20s59	0n 4	20n29	1s33	20s11	15s22	23s24	23s22	8s51	15s20	7n13
S 2	4 20	14 42	3 29	8 51	1 49	15 32	6 7	0 56	0 45	13 44	0 49	17 50	0 45	20 59	0 4	20 29	1 33	20 11	15 22	23 24	23 22	8 54	15 21	7 13
S 3	3 57	10 31	4 10	8 7	1 48	15 47	6 15	0 40	0 45	13 40	0 49	17 48	0 45	21 0	0 4	20 29	1 33	20 12	15 22	23 24	23 22	8 56	15 21	7 12
M 4	3 34	5 58	4 39	7 22	1 47	16 1	6 23	0 24	0 44	13 35	0 49	17 46	0 45	21 0	0 4	20 29	1 33	20 12	15 22	23 23	23 22	8 59	15 22	7 12
T 5	3 11	1 14	4 56	6 37	1 45	16 14	6 31	0 8	0 44	13 31	0 49	17 45	0 45	21 0	0 4	20 29	1 34	20 13	15 22	23 23	23 22	9 1	15 23	7 11
W 6	2 48	3s30	4 59	5 51	1 42	16 27	6 39	0s 8	0 43	13 27	0 49	17 43	0 45	21 1	0 4	20 29	1 34	20 13	15 22	23 22	23 22	9 4	15 23	7 11
T 7	2 24	8 5	4 49	5 4	1 39	16 38	6 47	0 24	0 43	13 23	0 49	17 41	0 45	21 1	0 4	20 29	1 34	20 13	15 22	23 21	23 22	9 6	15 24	7 10
F 8	2 1	12 21	4 27	4 17	1 36	16 48	6 54	0 40	0 42	13 19	0 49	17 40	0 45	21 1	0 4	20 29	1 34	20 14	15 22	23 21	23 21	9 8	15 24	7 10
S 9	1 38	16 9	3 53	3 30	1 32	16 58	7 1	0 56	0 42	13 15	0 49	17 38	0 46	21 2	0 4	20 29	1 34	20 14	15 22	23 20	23 21	9 11	15 25	7 9
S 10	1 14	19 18	3 8	2 43	1 27	17 6	7 8	1 12	0 41	13 11	0 50	17 36	0 46	21 2	0 4	20 29	1 34	20 15	15 21	23 20	23 21	9 13	15 25	7 9
M11	0 51	21 40	2 15	1 56	1 23	17 14	7 14	1 28	0 41	13 7	0 50	17 35	0 46	21 2	0 4	20 29	1 34	20 15	15 21	23 20	23 21	9 16	15 26	7 8
T 12	0 27	23 4	1 16	1 9	1 18	17 20	7 20	1 44	0 41	13 3	0 50	17 33	0 46	21 3	0 4	20 28	1 34	20 16	15 21	23 20	23 21	9 18	15 26	7 8
W13	0 4	23 23	0 11	0 22	1 12	17 25	7 26	2 0	0 40	12 59	0 50	17 31	0 46	21 3	0 3	20 28	1 34	20 16	15 21	23 20	23 21	9 20	15 27	7 7
T 14	0s20	22 31	0n56	0s25	1 7	17 28	7 32	2 17	0 40	12 55	0 50	17 30	0 46	21 4	0 3	20 28	1 34	20 16	15 21	23 20	23 21	9 23	15 27	7 6
F 15	0 43	20 25	2 1	1 12	1 1	17 31	7 37	2 33	0 39	12 51	0 50	17 28	0 46	21 4	0 3	20 28	1 34	20 17	15 21	23 20	23 20	9 25	15 28	7 6
S 16	1 7	17 8	3 3	1 58	0 55	17 32	7 41	2 49	0 39	12 47	0 50	17 26	0 47	21 4	0 3	20 28	1 34	20 17	15 21	23 19	23 20	9 27	15 29	7 5
S 17	1 30	12 47	3 56	2 44	0 49	17 32	7 45	3 5	0 38	12 43	0 50	17 25	0 47	21 5	0 3	20 28	1 34	20 18	15 21	23 19	23 20	9 30	15 29	7 5
M18	1 54	7 34	4 35	3 30	0 43	17 30	7 49	3 21	0 38	12 39	0 51	17 23	0 47	21 5	0 3	20 28	1 34	20 18	15 21	23 19	23 20	9 32	15 29	7 4
T 19	2 17	1 47	4 57	4 16	0 36	17 27	7 52	3 37	0 37	12 35	0 51	17 22	0 47	21 6	0 3	20 28	1 34	20 18	15 21	23 18	23 20	9 35	15 30	7 4
W20	2 41	4n13	4 59	5 1	0 30	17 22	7 54	3 53	0 37	12 31	0 51	17 20	0 47	21 6	0 3	20 28	1 34	20 19	15 21	23 18	23 20	9 37	15 30	7 3
T 21	3 4	10 0	4 40	5 45	0 23	17 16	7 55	4 9	0 36	12 27	0 51	17 19	0 47	21 7	0 3	20 27	1 34	20 19	15 20	23 17	23 19	9 39	15 31	7 3
F 22	3 28	15 9	4 0	6 29	0 16	17 9	7 56	4 25	0 36	12 23	0 51	17 17	0 47	21 7	0 3	20 27	1 34	20 19	15 20	23 17	23 19	9 42	15 31	7 2
S 23	3 51	19 14	3 4	7 13	0 9	16 59	7 56	4 41	0 35	12 19	0 51	17 16	0 48	21 7	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 44	15 32	7 2
S 24	4 14	21 59	1 58	7 56	0 3	16 49	7 56	4 57	0 35	12 15	0 51	17 14	0 48	21 8	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 46	15 32	7 1
M25	4 38	23 14	0 45	8 38	0s 4	16 37	7 54	5 13	0 34	12 11	0 52	17 13	0 48	21 8	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 49	15 33	7 1
T 26	5 1	23 1	0s27	9 20	0 11	16 23	7 52	5 29	0 34	12 7	0 52	17 11	0 48	21 9	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 51	15 33	7 0
W27	5 24	21 29	1 36	10 2	0 18	16 8	7 49	5 45	0 33	12 3	0 52	17 10	0 48	21 9	0 3	20 27	1 34	20 21	15 20	23 16	23 18	9 53	15 34	6 59
T 28	5 47	18 52	2 38	10 42	0 25	15 52	7 45	6 1	0 33	12 0	0 52	17 9	0 48	21 10	0 3	20 26	1 35	20 21	15 20	23 16	23 18	9 56	15 34	6 59
F 29	6 10	15 25	3 31	11 22	0 32	15 34	7 40	6 17	0 32	11 56	0 52	17 7	0 49	21 10	0 3	20 26	1 35	20 21	15 19	23 16	23 18	9 58	15 34	6 58
S 30	6s33	11n22	4s13	12s 2	0s39	15s15	7s34	6s32	0n32	11n52	0n52	17n 6	0n49	21s11	0n 3	20n26	1s35	20s21	15s19	23s15	23s18	10s 0	15s35	6n58

Julian Day Number = 2292552.5, Delta T = 149.09 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'56, Lahiri = 17°46'56 Julian Calendar 1 Sept. 1564 == Greg. Calendar 11 Sept. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

OCTOBER 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 18 1	17♎37'11	0♍26	1♏19	20°R32	18♎33	1♍26	15♌15	5♐20	9°R56	14°R 3	21°R56	22♐45	14♎16	16♑22	S 1
M 2	1 21 57	18°36'48	12°27	2°51	19♎55	19°13	1°37	15°20	5°23	9♊56	14♓ 2	21♐47	22°42	14°22	16°23	M 2
T 3	1 25 54	19°36'27	24°22	4°21	19°19	19°53	1°48	15°24	5°25	9°55	14° 1	21°35	22°39	14°29	16°25	T 3
W 4	1 29 51	20°36'08	6♎14	5°52	18°42	20°34	1°59	15°29	5°28	9°54	14° 0	21°23	22°36	14°36	16°26	W 4
T 5	1 33 47	21°35'52	18° 6	7°21	18° 6	21°14	2° 9	15°34	5°31	9°53	13°59	21°11	22°32	14°42	16°28	T 5
F 6	1 37 44	22°35'37	29°58	8°50	17°30	21°54	2°20	15°38	5°34	9°52	13°58	21° 0	22°29	14°49	16°29	F 6
S 7	1 41 40	23°35'24	11♏51	10°18	16°55	22°35	2°30	15°43	5°37	9°51	13°57	20°52	22°26	14°56	16°31	S 7
S 8	1 45 37	24°35'14	23°48	11°46	16°21	23°15	2°40	15°47	5°40	9°50	13°56	20°45	22°23	15° 3	16°33	S 8
M 9	1 49 33	25°35'05	5♐51	13°13	15°48	23°56	2°50	15°51	5°43	9°48	13°55	20°42	22°20	15° 9	16°35	M 9
T 10	1 53 30	26°34'58	18° 3	14°39	15°16	24°36	3° 0	15°55	5°46	9°47	13°54	20°D40	22°16	15°16	16°37	T 10
W11	1 57 26	27°34'52	0♑27	16° 4	14°46	25°17	3°10	15°59	5°49	9°46	13°54	20°41	22°13	15°23	16°39	W11
T 12	2 1 23	28°34'49	13° 7	17°29	14°18	25°58	3°20	16° 3	5°52	9°45	13°53	20°42	22°10	15°29	16°41	T 12
F 13	2 5 20	29°34'47	26° 7	18°53	13°51	26°38	3°30	16° 7	5°55	9°44	13°52	20°R43	22° 7	15°36	16°43	F 13
S 14	2 9 16	0♏34'47	9♒30	20°16	13°27	27°19	3°40	16°11	5°58	9°43	13°51	20°42	22° 4	15°43	16°46	S 14
S 15	2 13 13	1°34'48	23°20	21°38	13° 4	28° 0	3°49	16°15	6° 2	9°41	13°50	20°40	22° 1	15°50	16°48	S 15
M16	2 17 9	2°34'51	7♓37	23° 0	12°44	28°41	3°59	16°18	6° 5	9°40	13°50	20°36	21°57	15°56	16°51	M16
T 17	2 21 6	3°34'55	22°19	24°20	12°27	29°22	4° 8	16°22	6° 8	9°39	13°49	20°30	21°54	16° 3	16°53	T 17
W18	2 25 2	4°35'01	7♈21	25°39	12°11	0♏ 3	4°17	16°25	6°11	9°38	13°48	20°23	21°51	16°10	16°56	W18
T 19	2 28 59	5°35'09	22°35	26°57	11°58	0°43	4°27	16°28	6°15	9°36	13°48	20°16	21°48	16°16	16°58	T 19
F 20	2 32 55	6°35'18	7♉49	28°14	11°48	1°24	4°36	16°32	6°18	9°35	13°47	20°10	21°45	16°23	17° 1	F 20
S 21	2 36 52	7°35'29	22°54	29°29	11°40	2° 6	4°45	16°35	6°21	9°33	13°46	20° 5	21°42	16°30	17° 4	S 21
S 22	2 40 49	8°35'43	7♊39	0♐42	11°34	2°47	4°53	16°38	6°24	9°32	13°46	20° 3	21°38	16°37	17° 7	S 22
M23	2 44 45	9°35'58	22° 0	1°54	11°31	3°28	5° 2	16°41	6°28	9°31	13°45	20°D 2	21°35	16°43	17° 9	M23
T 24	2 48 42	10°36'15	5♋53	3° 4	11°D31	4° 9	5°11	16°44	6°31	9°29	13°44	20° 3	21°32	16°50	17°12	T 24
W25	2 52 38	11°36'35	19°17	4°11	11°33	4°50	5°19	16°46	6°35	9°28	13°44	20° 5	21°29	16°57	17°15	W25
T 26	2 56 35	12°36'56	2♌16	5°16	11°37	5°31	5°27	16°49	6°38	9°26	13°43	20° 6	21°26	17° 3	17°19	T 26
F 27	3 0 31	13°37'19	14°53	6°18	11°43	6°13	5°36	16°51	6°41	9°25	13°43	20°R 6	21°22	17°10	17°22	F 27
S 28	3 4 28	14°37'44	27°12	7°17	11°52	6°54	5°44	16°54	6°45	9°23	13°42	20° 5	21°19	17°17	17°25	S 28
S 29	3 8 24	15°38'11	9♍18	8°12	12° 3	7°35	5°52	16°56	6°48	9°22	13°42	20° 3	21°16	17°24	17°28	S 29
M30	3 12 21	16°38'39	21°16	9° 3	12°17	8°17	5°59	16°58	6°52	9°20	13°41	19°59	21°13	17°30	17°32	M30
T 31	3 16 18	17♏39'10	3♎ 8	9♐49	12♎32	8♏58	6♍ 7	17♌ 0	6♐55	9♊19	13♓41	19♐54	21♐10	17♎37	17♑35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s56	6n56	4s42	12s41	0s46	14s56	7s27	6s48	0n31	11n48	0n53	17n 5	0n49	21s11	0n 3	20n26	1s35	20s22	15s19	23s15	23s18	10s 3	15s35	6n57
M 2	7 19	2 18	4 59	13 19	0 53	14 35	7 20	7 4	0 31	11 45	0 53	17 3	0 49	21 12	0 3	20 26	1 35	20 22	15 19	23 14	23 18	10 5	15 35	6 57
T 3	7 41	2s23	5 3	13 56	0 59	14 13	7 11	7 20	0 30	11 41	0 53	17 2	0 49	21 12	0 3	20 26	1 35	20 22	15 19	23 14	23 17	10 7	15 36	6 56
W 4	8 4	6 58	4 53	14 33	1 6	13 50	7 2	7 35	0 30	11 37	0 53	17 1	0 49	21 13	0 3	20 25	1 35	20 22	15 18	23 13	23 17	10 10	15 36	6 56
T 5	8 26	11 17	4 31	15 8	1 13	13 27	6 52	7 51	0 29	11 34	0 53	17 0	0 50	21 13	0 3	20 25	1 35	20 23	15 18	23 12	23 17	10 12	15 36	6 55
F 6	8 49	15 10	3 57	15 44	1 19	13 3	6 41	8 7	0 29	11 30	0 53	16 59	0 50	21 14	0 3	20 25	1 35	20 23	15 18	23 11	23 17	10 14	15 37	6 55
S 7	9 11	18 28	3 12	16 18	1 26	12 39	6 30	8 22	0 28	11 27	0 54	16 57	0 50	21 14	0 3	20 25	1 35	20 23	15 18	23 11	23 17	10 17	15 37	6 54
S 8	9 33	21 1	2 19	16 51	1 32	12 15	6 18	8 38	0 28	11 23	0 54	16 56	0 50	21 15	0 3	20 25	1 35	20 23	15 18	23 10	23 17	10 19	15 37	6 54
M 9	9 55	22 38	1 19	17 24	1 38	11 50	6 5	8 53	0 27	11 20	0 54	16 55	0 50	21 15	0 3	20 25	1 35	20 23	15 17	23 10	23 16	10 21	15 38	6 53
T 10	10 17	23 11	0 14	17 55	1 44	11 26	5 52	9 9	0 27	11 16	0 54	16 54	0 50	21 16	0 3	20 24	1 35	20 23	15 17	23 10	23 16	10 24	15 38	6 53
W11	10 38	22 37	0n52	18 26	1 50	11 2	5 39	9 24	0 26	11 13	0 54	16 53	0 51	21 17	0 3	20 24	1 35	20 23	15 17	23 10	23 16	10 26	15 38	6 52
T 12	11 0	20 54	1 58	18 56	1 55	10 38	5 25	9 39	0 26	11 9	0 55	16 52	0 51	21 17	0 3	20 24	1 35	20 24	15 17	23 10	23 16	10 28	15 38	6 52
F 13	11 21	18 3	2 59	19 25	2 1	10 14	5 10	9 55	0 25	11 6	0 55	16 51	0 51	21 18	0 3	20 24	1 35	20 24	15 17	23 10	23 16	10 30	15 39	6 51
S 14	11 42	14 11	3 52	19 52	2 6	9 52	4 56	10 10	0 24	11 2	0 55	16 50	0 51	21 18	0 3	20 24	1 35	20 24	15 16	23 10	23 15	10 33	15 39	6 51
S 15	12 3	9 27	4 34	20 19	2 11	9 29	4 41	10 25	0 24	10 59	0 55	16 49	0 51	21 19	0 3	20 23	1 35	20 24	15 16	23 10	23 15	10 35	15 39	6 50
M16	12 24	4 5	5 0	20 45	2 16	9 8	4 26	10 40	0 23	10 56	0 55	16 48	0 51	21 19	0 3	20 23	1 35	20 24	15 16	23 10	23 15	10 37	15 39	6 50
T 17	12 44	1n40	5 8	21 10	2 20	8 47	4 12	10 55	0 23	10 53	0 56	16 47	0 52	21 20	0 3	20 23	1 35	20 24	15 16	23 9	23 15	10 40	15 39	6 49
W18	13 5	7 26	4 55	21 33	2 24	8 27	3 57	11 10	0 22	10 49	0 56	16 47	0 52	21 20	0 3	20 23	1 35	20 24	15 15	23 9	23 15	10 42	15 40	6 49
T 19	13 25	12 50	4 21	21 55	2 28	8 9	3 42	11 25	0 22	10 46	0 56	16 46	0 52	21 21	0 3	20 22	1 35	20 24	15 15	23 8	23 14	10 44	15 40	6 48
F 20	13 45	17 26	3 28	22 16	2 31	7 51	3 27	11 40	0 21	10 43	0 56	16 45	0 52	21 22	0 3	20 22	1 35	20 24	15 15	23 8	23 14	10 46	15 40	6 48
S 21	14 5	20 49	2 22	22 36	2 34	7 34	3 12	11 54	0 21	10 40	0 56	16 44	0 52	21 22	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 49	15 40	6 47
S 22	14 24	22 44	1 7	22 54	2 37	7 19	2 58	12 9	0 20	10 37	0 57	16 43	0 53	21 23	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 51	15 40	6 47
M23	14 43	23 5	0s11	23 11	2 39	7 4	2 43	12 24	0 20	10 34	0 57	16 43	0 53	21 23	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 53	15 40	6 46
T 24	15 2	21 57	1 25	23 27	2 41	6 51	2 29	12 38	0 19	10 31	0 57	16 42	0 53	21 24	0 3	20 21	1 35	20 24	15 14	23 7	23 13	10 55	15 40	6 46
W25	15 21	19 35	2 32	23 41	2 42	6 39	2 15	12 52	0 18	10 28	0 57	16 41	0 53	21 25	0 3	20 21	1 35	20 24	15 13	23 7	23 13	10 58	15 40	6 45
T 26	15 40	16 18	3 30	23 54	2 42	6 28	2 1	13 7	0 18	10 25	0 57	16 41	0 53	21 25	0 3	20 21	1 35	20 24	15 13	23 7	23 13	11 0	15 40	6 45
F 27	15 58	12 21	4 15	24 5	2 42	6 18	1 48	13 21	0 17	10 22	0 58	16 40	0 53	21 26	0 3	20 21	1 35	20 24	15 13	23 8	23 13	11 2	15 41	6 45
S 28	16 16	7 58	4 47	24 14	2 42	6 9	1 35	13 35	0 17	10 20	0 58	16 40	0 54	21 26	0 3	20 20	1 35	20 24	15 13	23 7	23 13	11 4	15 41	6 44
S 29	16 34	3 22	5 6	24 21	2 40	6 2	1 22	13 49	0 16	10 17	0 58	16 39	0 54	21 27	0 3	20 20	1 35	20 24	15 12	23 7	23 12	11 7	15 41	6 44
M30	16 51	1s18	5 11	24 27	2 38	5 55	1 9	14 3	0 16	10 14	0 58	16 39	0 54	21 27	0 3	20 20	1 35	20 24	15 12	23 7	23 12	11 9	15 41	6 43
T 31	17s 8	5s53	5s 3	24s31	2s34	5s50	0s57	14s17	0n15	10n12	0n59	16n38	0n54	21s28	0n 3	20n20	1s35	20s24	15s12	23s 7	23s12	11s11	15s41	6n43

Julian Day Number = 2292582.5, Delta T = 148.92 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'00, Lahiri = 17°47'00 Julian Calendar 1 Oct. 1564 == Greg. Calendar 11 Oct. 1564

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1564
geocentric

NOVEMBER 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 20 14	18♏39'42	14♎59	10♐31	12♎50	9♏40	6♍15	17♌ 2	6♐59	9°R17	13°R41	19°R48	21♐ 7	17♎44	17♑38	W 1
T 2	3 24 11	19°40'16	26°50	11° 6	13° 9	10°21	6°22	17° 4	7° 2	9♊16	13♓40	19♐42	21° 3	17°50	17°42	T 2
F 3	3 28 7	20°40'52	8♏46	11°35	13°31	11° 3	6°29	17° 6	7° 6	9°14	13°40	19°37	21° 0	17°57	17°45	F 3
S 4	3 32 4	21°41'30	20°46	11°56	13°54	11°45	6°37	17° 8	7°10	9°12	13°39	19°33	20°57	18° 4	17°49	S 4
S 5	3 36 0	22°42'08	2♐53	12°10	14°19	12°26	6°44	17° 9	7°13	9°11	13°39	19°30	20°54	18°10	17°53	S 5
M 6	3 39 57	23°42'49	15° 8	12°R15	14°46	13° 8	6°50	17°11	7°17	9° 9	13°39	19°D29	20°51	18°17	17°56	M 6
T 7	3 43 53	24°43'30	27°34	12°10	15°14	13°50	6°57	17°12	7°20	9° 8	13°39	19°29	20°47	18°24	18° 0	T 7
W 8	3 47 50	25°44'13	10♑10	11°55	15°45	14°32	7° 4	17°13	7°24	9° 6	13°38	19°30	20°44	18°31	18° 4	W 8
T 9	3 51 47	26°44'57	23° 0	11°29	16°16	15°13	7°10	17°14	7°28	9° 4	13°38	19°32	20°41	18°37	18° 8	T 9
F 10	3 55 43	27°45'43	6♒ 6	10°53	16°49	15°55	7°16	17°15	7°31	9° 3	13°38	19°33	20°38	18°44	18°12	F 10
S 11	3 59 40	28°46'29	19°30	10° 5	17°24	16°37	7°22	17°16	7°35	9° 1	13°38	19°34	20°35	18°51	18°16	S 11
S 12	4 3 36	29°47'16	3♓14	9° 8	18° 0	17°19	7°28	17°17	7°39	8°59	13°38	19°R35	20°32	18°57	18°20	S 12
M13	4 7 33	0♐48'04	17°17	8° 2	18°37	18° 1	7°34	17°17	7°42	8°58	13°37	19°34	20°28	19° 4	18°24	M13
T 14	4 11 29	1°48'53	1♈40	6°47	19°16	18°43	7°40	17°18	7°46	8°56	13°37	19°32	20°25	19°11	18°28	T 14
W15	4 15 26	2°49'42	16°19	5°28	19°56	19°25	7°45	17°18	7°49	8°54	13°37	19°30	20°22	19°18	18°32	W15
T 16	4 19 22	3°50'33	1♉ 9	4° 6	20°37	20° 8	7°51	17°19	7°53	8°53	13°37	19°28	20°19	19°24	18°37	T 16
F 17	4 23 19	4°51'25	16° 2	2°43	21°19	20°50	7°56	17°19	7°57	8°51	13°37	19°26	20°16	19°31	18°41	F 17
S 18	4 27 16	5°52'18	0♊52	1°23	22° 3	21°32	8° 1	17°R19	8° 1	8°49	13°D37	19°25	20°13	19°38	18°45	S 18
S 19	4 31 12	6°53'12	15°29	0° 9	22°47	22°14	8° 6	17°19	8° 4	8°47	13°37	19°D24	20° 9	19°44	18°50	S 19
M20	4 35 9	7°54'07	29°48	29♏ 2	23°32	22°57	8°10	17°19	8° 8	8°46	13°37	19°25	20° 6	19°51	18°54	M20
T 21	4 39 5	8°55'03	13♋44	28° 4	24°19	23°39	8°15	17°19	8°12	8°44	13°37	19°25	20° 3	19°58	18°58	T 21
W22	4 43 2	9°56'00	27°15	27°17	25° 6	24°21	8°19	17°18	8°15	8°42	13°37	19°26	20° 0	20° 4	19° 3	W22
T 23	4 46 58	10°56'59	10♌21	26°41	25°55	25° 4	8°23	17°18	8°19	8°41	13°38	19°27	19°57	20°11	19° 7	T 23
F 24	4 50 55	11°57'58	23° 5	26°16	26°44	25°46	8°27	17°17	8°23	8°39	13°38	19°28	19°53	20°18	19°12	F 24
S 25	4 54 51	12°58'59	5♍29	26° 2	27°34	26°29	8°31	17°17	8°26	8°37	13°38	19°28	19°50	20°25	19°17	S 25
S 26	4 58 48	14° 0'00	17°37	26°D 0	28°25	27°11	8°35	17°16	8°30	8°36	13°38	19°R28	19°47	20°31	19°21	S 26
M27	5 2 45	15° 1'03	29°35	26° 7	29°16	27°54	8°38	17°15	8°34	8°34	13°38	19°28	19°44	20°38	19°26	M27
T 28	5 6 41	16° 2'06	11♎27	26°23	0♏ 9	28°37	8°41	17°14	8°37	8°32	13°39	19°28	19°41	20°45	19°31	T 28
W29	5 10 38	17° 3'11	23°18	26°48	1° 2	29°19	8°45	17°13	8°41	8°31	13°39	19°27	19°38	20°51	19°35	W29
T 30	5 14 34	18♐ 4'17	5♏11	27♏20	1♏56	0♐ 2	8♍48	17♌11	8♐44	8♊29	13♓39	19♐27	19♐34	20♎58	19♑40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s25	10s15	4s42	24s33	2s30	5s46	0s45	14s31	0n15	10n 9	0n59	16n38	0n54	21s29	0n 3	20n19	1s35	20s23	15s11	23s 6	23s12	11s13	15s41	6n42
T 2	17 42	14 14	4 9	24 33	2 24	5 43	0 33	14 44	0 14	10 7	0 59	16 37	0 55	21 29	0 3	20 19	1 35	20 23	15 11	23 6	23 12	11 15	15 41	6 42
F 3	17 58	17 41	3 25	24 30	2 18	5 41	0 22	14 58	0 13	10 4	0 59	16 37	0 55	21 30	0 3	20 19	1 35	20 23	15 11	23 5	23 11	11 18	15 41	6 42
S 4	18 14	20 25	2 31	24 25	2 10	5 40	0 11	15 11	0 13	10 2	0 59	16 37	0 55	21 30	0 3	20 19	1 35	20 23	15 10	23 5	23 11	11 20	15 40	6 41
S 5	18 29	22 15	1 30	24 18	2 1	5 40	0 1	15 25	0 12	9 59	1 0	16 36	0 55	21 31	0 3	20 18	1 35	20 23	15 10	23 5	23 11	11 22	15 40	6 41
M 6	18 45	23 4	0 24	24 8	1 50	5 41	0n10	15 38	0 12	9 57	1 0	16 36	0 55	21 32	0 3	20 18	1 36	20 23	15 10	23 5	23 11	11 24	15 40	6 40
T 7	19 0	22 44	0n44	23 55	1 38	5 43	0 20	15 51	0 11	9 55	1 0	16 36	0 56	21 32	0 3	20 18	1 36	20 23	15 10	23 5	23 10	11 27	15 40	6 40
W 8	19 14	21 15	1 52	23 40	1 24	5 46	0 29	16 4	0 10	9 52	1 0	16 36	0 56	21 33	0 3	20 18	1 36	20 22	15 9	23 5	23 10	11 29	15 40	6 40
T 9	19 29	18 40	2 54	23 21	1 9	5 49	0 39	16 17	0 10	9 50	1 1	16 36	0 56	21 34	0 3	20 17	1 36	20 22	15 9	23 5	23 10	11 31	15 40	6 39
F 10	19 42	15 5	3 49	22 59	0 52	5 54	0 47	16 30	0 9	9 48	1 1	16 35	0 56	21 34	0 3	20 17	1 36	20 22	15 9	23 5	23 10	11 33	15 40	6 39
S 11	19 56	10 40	4 33	22 35	0 34	5 59	0 56	16 42	0 9	9 46	1 1	16 35	0 56	21 35	0 3	20 17	1 36	20 22	15 8	23 5	23 10	11 35	15 40	6 39
S 12	20 9	5 38	5 3	22 7	0 15	6 5	1 4	16 55	0 8	9 44	1 1	16 35	0 57	21 35	0 3	20 17	1 36	20 21	15 8	23 5	23 9	11 37	15 40	6 38
M13	20 22	0 11	5 15	21 37	0n 5	6 12	1 12	17 7	0 8	9 42	1 2	16 35	0 57	21 36	0 3	20 16	1 36	20 21	15 8	23 5	23 9	11 40	15 39	6 38
T 14	20 34	5n23	5 9	21 5	0 26	6 19	1 20	17 19	0 7	9 40	1 2	16 35	0 57	21 37	0 3	20 16	1 36	20 21	15 7	23 5	23 9	11 42	15 39	6 38
W15	20 46	10 46	4 42	20 31	0 46	6 28	1 28	17 32	0 6	9 38	1 2	16 35	0 57	21 37	0 3	20 16	1 36	20 21	15 7	23 5	23 9	11 44	15 39	6 37
T 16	20 58	15 35	3 56	19 56	1 6	6 37	1 35	17 43	0 6	9 37	1 2	16 36	0 57	21 38	0 3	20 16	1 36	20 20	15 7	23 5	23 8	11 46	15 39	6 37
F 17	21 9	19 27	2 54	19 22	1 25	6 46	1 41	17 55	0 5	9 35	1 3	16 36	0 57	21 38	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 48	15 38	6 37
S 18	21 20	22 1	1 41	18 49	1 42	6 56	1 48	18 7	0 5	9 33	1 3	16 36	0 58	21 39	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 51	15 38	6 36
S 19	21 31	23 4	0 22	18 18	1 58	7 7	1 54	18 19	0 4	9 32	1 3	16 36	0 58	21 40	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 53	15 38	6 36
M20	21 41	22 32	0s57	17 51	2 12	7 18	2 0	18 30	0 3	9 30	1 3	16 36	0 58	21 40	0 3	20 14	1 36	20 19	15 5	23 4	23 8	11 55	15 38	6 36
T 21	21 50	20 37	2 11	17 27	2 23	7 30	2 6	18 41	0 3	9 29	1 4	16 36	0 58	21 41	0 3	20 14	1 36	20 19	15 5	23 4	23 7	11 57	15 37	6 35
W22	22 0	17 34	3 15	17 8	2 32	7 42	2 11	18 52	0 2	9 27	1 4	16 37	0 58	21 41	0 3	20 14	1 36	20 19	15 5	23 4	23 7	11 59	15 37	6 35
T 23	22 8	13 44	4 7	16 53	2 39	7 55	2 16	19 3	0 1	9 26	1 4	16 37	0 59	21 42	0 3	20 14	1 36	20 18	15 4	23 4	23 7	12 1	15 37	6 35
F 24	22 17	9 22	4 44	16 43	2 44	8 8	2 21	19 14	0 1	9 25	1 4	16 37	0 59	21 43	0 3	20 13	1 35	20 18	15 4	23 5	23 7	12 3	15 36	6 34
S 25	22 25	4 45	5 8	16 37	2 47	8 22	2 26	19 25	0 0	9 24	1 5	16 38	0 59	21 43	0 3	20 13	1 35	20 18	15 4	23 5	23 6	12 6	15 36	6 34
S 26	22 32	0 2	5 17	16 35	2 48	8 36	2 30	19 35	0s 0	9 23	1 5	16 38	0 59	21 44	0 3	20 13	1 35	20 17	15 3	23 5	23 6	12 8	15 36	6 34
M27	22 39	4s37	5 12	16 37	2 47	8 50	2 34	19 45	0 1	9 21	1 5	16 39	0 59	21 44	0 3	20 13	1 35	20 17	15 3	23 5	23 6	12 10	15 35	6 34
T 28	22 46	9 3	4 54	16 42	2 46	9 5	2 38	19 55	0 2	9 21	1 6	16 39	1 0	21 45	0 3	20 12	1 35	20 16	15 3	23 5	23 6	12 12	15 35	6 33
W29	22 52	13 9	4 24	16 51	2 43	9 20	2 42	20 5	0 2	9 20	1 6	16 40	1 0	21 45	0 3	20 12	1 35	20 16	15 2	23 5	23 5	12 14	15 35	6 33
T 30	22s58	16s46	3s42	17s 2	2n39	9s35	2n45	20s15	0s 3	9n19	1n 6	16n40	1n 0	21s46	0n 3	20n12	1s35	20s16	15s 2	23s 4	23s 5	12s16	15s34	6n33

Julian Day Number = 2292613.5, Delta T = 148.75 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'04, Lahiri = 17°47'05 Julian Calendar 1 Nov. 1564 == Greg. Calendar 11 Nov. 1564

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ASTRODIENST EPHEMERIS for the year 1564
geocentric

DECEMBER 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 18 31	19♐ 5'23	17♏10	28♏ 0	2♏50	0♐45	8♍50	17°R10	8♐48	8°R27	13♓39	19°D27	19♐31	21♎ 5	19♑45	F 1
S 2	5 22 27	20° 6'30	29°18	28°45	3°45	1°28	8°53	17♌ 9	8°52	8♊26	13°40	19♐27	19°28	21°12	19°50	S 2
S 3	5 26 24	21° 7'38	11♐37	29°35	4°41	2°11	8°55	17° 7	8°55	8°24	13°40	19°27	19°25	21°18	19°55	S 3
M 4	5 30 20	22° 8'47	24° 8	0♐31	5°38	2°54	8°57	17° 5	8°59	8°22	13°41	19°R27	19°22	21°25	20° 0	M 4
T 5	5 34 17	23° 9'56	6♑53	1°30	6°34	3°37	8°59	17° 3	9° 3	8°21	13°41	19°27	19°19	21°32	20° 5	T 5
W 6	5 38 14	24°11'06	19°52	2°33	7°32	4°20	9° 1	17° 2	9° 6	8°19	13°41	19°26	19°15	21°38	20° 9	W 6
T 7	5 42 10	25°12'15	3♒ 3	3°39	8°30	5° 3	9° 3	17° 0	9°10	8°17	13°42	19°26	19°12	21°45	20°14	T 7
F 8	5 46 7	26°13'25	16°28	4°48	9°28	5°46	9° 4	16°57	9°13	8°16	13°42	19°25	19° 9	21°52	20°19	F 8
S 9	5 50 3	27°14'35	0♓ 6	6° 0	10°27	6°29	9° 5	16°55	9°17	8°14	13°43	19°24	19° 6	21°58	20°25	S 9
S 10	5 54 0	28°15'45	13°55	7°14	11°27	7°12	9° 6	16°53	9°20	8°13	13°43	19°23	19° 3	22° 5	20°30	S 10
M11	5 57 56	29°16'55	27°55	8°29	12°27	7°55	9° 7	16°51	9°24	8°11	13°44	19°D23	18°59	22°12	20°35	M11
T 12	6 1 53	0♑18'05	12♈ 5	9°47	13°27	8°39	9° 8	16°48	9°27	8° 9	13°45	19°23	18°56	22°19	20°40	T 12
W13	6 5 49	1°19'15	26°22	11° 5	14°28	9°22	9° 8	16°45	9°31	8° 8	13°45	19°24	18°53	22°25	20°45	W13
T 14	6 9 46	2°20'24	10♉44	12°26	15°29	10° 5	9° 9	16°43	9°34	8° 6	13°46	19°25	18°50	22°32	20°50	T 14
F 15	6 13 43	3°21'34	25° 8	13°47	16°31	10°49	9°R 9	16°40	9°38	8° 5	13°46	19°26	18°47	22°39	20°55	F 15
S 16	6 17 39	4°22'44	9♊30	15° 9	17°33	11°32	9° 8	16°37	9°41	8° 3	13°47	19°27	18°44	22°45	21° 0	S 16
S 17	6 21 36	5°23'53	23°44	16°33	18°35	12°16	9° 8	16°34	9°45	8° 2	13°48	19°R27	18°40	22°52	21° 6	S 17
M18	6 25 32	6°25'03	7♋46	17°57	19°38	12°59	9° 8	16°31	9°48	8° 0	13°49	19°26	18°37	22°59	21°11	M18
T 19	6 29 29	7°26'12	21°31	19°22	20°41	13°43	9° 7	16°28	9°51	7°59	13°49	19°25	18°34	23° 5	21°16	T 19
W20	6 33 25	8°27'21	4♌58	20°48	21°44	14°26	9° 6	16°25	9°55	7°58	13°50	19°22	18°31	23°12	21°21	W20
T 21	6 37 22	9°28'31	18° 4	22°15	22°48	15°10	9° 5	16°21	9°58	7°56	13°51	19°19	18°28	23°19	21°27	T 21
F 22	6 41 19	10°29'40	0♍50	23°42	23°52	15°54	9° 4	16°18	10° 1	7°55	13°52	19°16	18°25	23°26	21°32	F 22
S 23	6 45 15	11°30'49	13°17	25°10	24°56	16°37	9° 2	16°14	10° 5	7°53	13°52	19°13	18°21	23°32	21°37	S 23
S 24	6 49 12	12°31'59	25°29	26°39	26° 1	17°21	9° 0	16°11	10° 8	7°52	13°53	19°11	18°18	23°39	21°42	S 24
M25	6 53 8	13°33'08	7♎29	28° 8	27° 6	18° 5	8°59	16° 7	10°11	7°51	13°54	19° 9	18°15	23°46	21°48	M25
T 26	6 57 5	14°34'17	19°21	29°37	28°11	18°49	8°57	16° 3	10°14	7°49	13°55	19°D 9	18°12	23°52	21°53	T 26
W27	7 1 1	15°35'26	1♏12	1♑ 7	29°16	19°33	8°54	16° 0	10°18	7°48	13°56	19°10	18° 9	23°59	21°58	W27
T 28	7 4 58	16°36'35	13° 5	2°38	0♐22	20°17	8°52	15°56	10°21	7°47	13°57	19°12	18° 5	24° 6	22° 4	T 28
F 29	7 8 54	17°37'44	25° 6	4° 9	1°28	21° 1	8°49	15°52	10°24	7°46	13°58	19°14	18° 2	24°12	22° 9	F 29
S 30	7 12 51	18°38'53	7♐19	5°41	2°34	21°45	8°46	15°48	10°27	7°44	13°59	19°15	17°59	24°19	22°14	S 30
S 31	7 16 48	19♑40'02	19♐47	7♑13	3♐40	22♐29	8♍43	15♌44	10♐30	7♊43	14♓ 0	19°R16	17♐56	24♎26	22♑20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 3	19s43	2s50	17s15	2n34	9s51	2n49	20s25	0s 4	9n18	1n 6	16n41	1n 0	21s47	0n 3	20n12	1s35	20s15	15s 2	23s 4	23s 5	12s18	15s34	6n33	F 1
S 2	23 8	21 50	1 50	17 31	2 29	10 6	2 52	20 34	0 4	9 17	1 7	16 42	1 0	21 47	0 3	20 11	1 35	20 15	15 1	23 4	23 5	12 20	15 33	6 32	S 2
S 3	23 12	22 57	0 43	17 47	2 23	10 22	2 54	20 43	0 5	9 17	1 7	16 42	1 1	21 48	0 3	20 11	1 35	20 14	15 1	23 4	23 4	12 23	15 33	6 32	S 3
M 4	23 16	22 56	0n26	18 5	2 16	10 39	2 57	20 53	0 5	9 16	1 7	16 43	1 1	21 48	0 3	20 11	1 35	20 14	15 1	23 4	23 4	12 25	15 32	6 32	M 4
T 5	23 19	21 44	1 35	18 24	2 9	10 55	2 59	21 1	0 6	9 16	1 7	16 44	1 1	21 49	0 3	20 11	1 35	20 13	15 0	23 4	23 4	12 27	15 32	6 32	T 5
W 6	23 22	19 22	2 41	18 44	2 2	11 12	3 2	21 10	0 7	9 15	1 8	16 44	1 1	21 49	0 3	20 11	1 35	20 13	15 0	23 4	23 4	12 29	15 31	6 32	W 6
T 7	23 24	15 58	3 39	19 4	1 54	11 28	3 4	21 19	0 7	9 15	1 8	16 45	1 1	21 50	0 3	20 10	1 35	20 12	15 0	23 4	23 3	12 31	15 31	6 31	T 7
F 8	23 26	11 42	4 26	19 24	1 46	11 45	3 5	21 27	0 8	9 15	1 8	16 46	1 2	21 51	0 3	20 10	1 35	20 12	14 59	23 4	23 3	12 33	15 30	6 31	F 8
S 9	23 28	6 48	4 59	19 44	1 39	12 2	3 7	21 35	0 9	9 14	1 9	16 47	1 2	21 51	0 3	20 10	1 35	20 11	14 59	23 4	23 3	12 35	15 30	6 31	S 9
S 10	23 29	1 29	5 16	20 5	1 30	12 19	3 8	21 43	0 9	9 14	1 9	16 48	1 2	21 52	0 3	20 10	1 35	20 11	14 59	23 4	23 3	12 37	15 29	6 31	S 10
M11	23 30	3n58	5 13	20 25	1 22	12 36	3 10	21 51	0 10	9 14	1 9	16 49	1 2	21 52	0 3	20 9	1 35	20 10	14 59	23 4	23 2	12 39	15 29	6 31	M11
T 12	23 30	9 16	4 53	20 45	1 14	12 53	3 11	21 58	0 11	9 14	1 9	16 50	1 2	21 53	0 3	20 9	1 35	20 10	14 58	23 4	23 2	12 41	15 28	6 30	T 12
W13	23 29	14 8	4 13	21 4	1 6	13 10	3 11	22 6	0 11	9 14	1 10	16 51	1 3	21 53	0 3	20 9	1 35	20 9	14 58	23 4	23 2	12 43	15 27	6 30	W13
T 14	23 28	18 13	3 18	21 23	0 58	13 27	3 12	22 13	0 12	9 14	1 10	16 52	1 3	21 54	0 3	20 9	1 35	20 9	14 58	23 4	23 1	12 46	15 27	6 30	T 14
F 15	23 27	21 12	2 11	21 41	0 50	13 44	3 13	22 20	0 13	9 15	1 10	16 53	1 3	21 54	0 3	20 9	1 35	20 8	14 57	23 4	23 1	12 48	15 26	6 30	F 15
S 16	23 25	22 50	0 55	21 59	0 42	14 1	3 13	22 26	0 13	9 15	1 11	16 54	1 3	21 55	0 3	20 8	1 35	20 8	14 57	23 4	23 1	12 50	15 26	6 30	S 16
S 17	23 23	22 57	0s24	22 15	0 34	14 18	3 13	22 33	0 14	9 15	1 11	16 55	1 3	21 55	0 3	20 8	1 35	20 7	14 57	23 4	23 1	12 52	15 25	6 30	S 17
M18	23 20	21 37	1 40	22 31	0 26	14 35	3 13	22 39	0 15	9 16	1 11	16 56	1 3	21 56	0 3	20 8	1 35	20 7	14 56	23 4	23 0	12 54	15 24	6 30	M18
T 19	23 17	19 0	2 48	22 46	0 18	14 51	3 13	22 45	0 15	9 16	1 11	16 57	1 4	21 56	0 3	20 8	1 35	20 6	14 56	23 4	23 0	12 56	15 24	6 30	T 19
W20	23 13	15 25	3 45	23 0	0 10	15 8	3 13	22 51	0 16	9 17	1 12	16 58	1 4	21 57	0 3	20 8	1 35	20 6	14 56	23 4	23 0	12 58	15 23	6 29	W20
T 21	23 9	11 10	4 29	23 14	0 3	15 25	3 13	22 56	0 17	9 18	1 12	16 59	1 4	21 57	0 3	20 7	1 35	20 5	14 56	23 4	23 0	13 0	15 22	6 29	T 21
F 22	23 5	6 33	4 59	23 26	0s 5	15 41	3 12	23 2	0 17	9 18	1 12	17 0	1 4	21 58	0 3	20 7	1 35	20 4	14 55	23 4	22 59	13 2	15 21	6 29	F 22
S 23	23 0	1 46	5 13	23 37	0 12	15 57	3 11	23 7	0 18	9 19	1 12	17 2	1 4	21 58	0 2	20 7	1 35	20 4	14 55	23 3	22 59	13 4	15 21	6 29	S 23
S 24	22 54	2s59	5 13	23 47	0 19	16 13	3 10	23 12	0 19	9 20	1 13	17 3	1 4	21 59	0 2	20 7	1 35	20 3	14 55	23 3	22 59	13 6	15 20	6 29	S 24
M25	22 48	7 33	4 59	23 55	0 26	16 29	3 10	23 17	0 19	9 21	1 13	17 4	1 5	21 59	0 2	20 7	1 35	20 3	14 54	23 3	22 58	13 8	15 19	6 29	M25
T 26	22 42	11 47	4 32	24 3	0 33	16 44	3 8	23 21	0 20	9 22	1 13	17 5	1 5	22 0	0 2	20 6	1 35	20 2	14 54	23 3	22 58	13 10	15 19	6 29	T 26
W27	22 35	15 34	3 54	24 9	0 40	17 0	3 7	23 25	0 21	9 23	1 14	17 7	1 5	22 0	0 2	20 6	1 35	20 1	14 54	23 3	22 58	13 12	15 18	6 29	W27
T 28	22 28	18 45	3 6	24 15	0 47	17 15	3 6	23 29	0 21	9 24	1 14	17 8	1 5	22 1	0 2	20 6	1 35	20 1	14 54	23 3	22 58	13 14	15 17	6 29	T 28
F 29	22 20	21 10	2 9	24 19	0 53	17 29	3 4	23 33	0 22	9 26	1 14	17 9	1 5	22 1	0 2	20 6	1 35	20 0	14 53	23 3	22 57	13 16	15 16	6 29	F 29
S 30	22 12	22 39	1 5	24 21	0 59	17 44	3 3	23 37	0 23	9 27	1 14	17 11	1 5	22 2	0 2	20 6	1 35	20 0	14 53	23 4	22 57	13 18	15 15	6 29	S 30
S 31	22s 3	23s 3	0n 3	24s23	1s 5	17s58	3n 1	23s40	0s23	9n28	1n15	17n12	1n 6	22s 2	0n 2	20n 6	1s34	19s59	14s53	23s 4	22s57	13s20	15s15	6n29	S 31

Julian Day Number = 2292643.5, Delta T = 148.59 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'08, Lahiri = 17°47'09 Julian Calendar 1 Dec. 1564 == Greg. Calendar 11 Dec. 1564

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

JANUARY 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 20 44	20♉41'10	2♉32	8♉46	4♐47	23♐13	8°R40	15°R40	10♐33	7°R42	14♓ 1	19°R15	17♐53	24♎33	22♉25	M 1
T 2	7 24 41	21°42'18	15°37	10°19	5°54	23°57	8♍37	15♌35	10°36	7♊41	14° 2	19♐13	17°50	24°39	22°30	T 2
W 3	7 28 37	22°43'25	28°59	11°53	7° 1	24°41	8°33	15°31	10°39	7°40	14° 3	19° 9	17°46	24°46	22°36	W 3
T 4	7 32 34	23°44'31	12♒39	13°27	8° 8	25°25	8°30	15°27	10°42	7°39	14° 4	19° 3	17°43	24°53	22°41	T 4
F 5	7 36 30	24°45'37	26°32	15° 2	9°16	26° 9	8°26	15°22	10°45	7°38	14° 5	18°57	17°40	24°59	22°46	F 5
S 6	7 40 27	25°46'41	10♓35	16°38	10°23	26°54	8°22	15°18	10°48	7°37	14° 6	18°51	17°37	25° 6	22°52	S 6
S 7	7 44 23	26°47'45	24°43	18°14	11°31	27°38	8°17	15°14	10°51	7°36	14° 7	18°46	17°34	25°13	22°57	S 7
M 8	7 48 20	27°48'47	8♈55	19°51	12°39	28°22	8°13	15° 9	10°53	7°35	14° 8	18°43	17°31	25°19	23° 2	M 8
T 9	7 52 17	28°49'49	23° 5	21°28	13°47	29° 7	8° 8	15° 4	10°56	7°34	14°10	18°D41	17°27	25°26	23° 7	T 9
W10	7 56 13	29°50'49	7♉13	23° 6	14°55	29°51	8° 4	15° 0	10°59	7°33	14°11	18°42	17°24	25°33	23°13	W10
T 11	8 0 10	0♒51'48	21°18	24°44	16° 4	0♉36	7°59	14°55	11° 2	7°32	14°12	18°43	17°21	25°39	23°18	T 11
F 12	8 4 6	1°52'47	5♊16	26°23	17°12	1°20	7°54	14°51	11° 4	7°31	14°13	18°44	17°18	25°46	23°23	F 12
S 13	8 8 3	2°53'43	19° 9	28° 3	18°21	2° 5	7°48	14°46	11° 7	7°30	14°14	18°R45	17°15	25°53	23°29	S 13
S 14	8 11 59	3°54'39	2♋54	29°44	19°30	2°49	7°43	14°41	11° 9	7°30	14°16	18°44	17°11	26° 0	23°34	S 14
M15	8 15 56	4°55'33	16°30	1♒25	20°39	3°34	7°37	14°36	11°12	7°29	14°17	18°41	17° 8	26° 6	23°39	M15
T 16	8 19 52	5°56'27	29°54	3° 7	21°48	4°18	7°32	14°32	11°14	7°28	14°18	18°35	17° 5	26°13	23°44	T 16
W17	8 23 49	6°57'19	13♌ 5	4°49	22°57	5° 3	7°26	14°27	11°17	7°27	14°19	18°28	17° 2	26°20	23°50	W17
T 18	8 27 46	7°58'10	26° 0	6°33	24° 6	5°48	7°20	14°22	11°19	7°27	14°21	18°19	16°59	26°26	23°55	T 18
F 19	8 31 42	8°59'00	8♍40	8°17	25°16	6°32	7°14	14°17	11°22	7°26	14°22	18° 9	16°56	26°33	24° 0	F 19
S 20	8 35 39	9°59'48	21° 5	10° 2	26°25	7°17	7° 8	14°12	11°24	7°25	14°23	18° 0	16°52	26°40	24° 5	S 20
S 21	8 39 35	11° 0'36	3♎16	11°47	27°35	8° 2	7° 1	14° 7	11°26	7°25	14°25	17°52	16°49	26°46	24°10	S 21
M22	8 43 32	12° 1'23	15°16	13°33	28°45	8°47	6°55	14° 2	11°29	7°24	14°26	17°46	16°46	26°53	24°15	M22
T 23	8 47 28	13° 2'08	27° 8	15°20	29°55	9°32	6°48	13°58	11°31	7°24	14°27	17°42	16°43	27° 0	24°20	T 23
W24	8 51 25	14° 2'53	8♏58	17° 8	1♑ 5	10°17	6°42	13°53	11°33	7°23	14°29	17°40	16°40	27° 6	24°26	W24
T 25	8 55 21	15° 3'37	20°50	18°56	2°15	11° 2	6°35	13°48	11°35	7°23	14°30	17°D40	16°37	27°13	24°31	T 25
F 26	8 59 18	16° 4'19	2♐50	20°45	3°25	11°47	6°28	13°43	11°37	7°23	14°32	17°41	16°33	27°20	24°36	F 26
S 27	9 3 15	17° 5'01	15° 3	22°34	4°36	12°32	6°21	13°38	11°39	7°22	14°33	17°R42	16°30	27°27	24°41	S 27
S 28	9 7 11	18° 5'41	27°33	24°24	5°46	13°17	6°14	13°33	11°41	7°22	14°34	17°41	16°27	27°33	24°46	S 28
M29	9 11 8	19° 6'20	10♑26	26°14	6°57	14° 2	6° 7	13°28	11°43	7°21	14°36	17°39	16°24	27°40	24°51	M29
T 30	9 15 4	20° 6'58	23°42	28° 5	8° 7	14°47	5°59	13°23	11°45	7°21	14°37	17°34	16°21	27°47	24°56	T 30
W31	9 19 1	21♒ 7'34	7♒23	29♒55	9♑18	15♑32	5♍52	13♌19	11♐47	7♊21	14♓39	17♐26	16♐17	27♎53	25♑ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s54	22s16	1n12	24s23	1s10	18s12	2n59	23s43	0s24	9n30	1n15	17n14	1n 6	22s 2	0n 2	20n 6	1s34	19s58	14s53	23s 4	22s56	13s22	15s14	6n29
T 2	21 44	20 17	2 19	24 21	1 16	18 26	2 58	23 46	0 25	9 31	1 15	17 15	1 6	22 3	0 2	20 5	1 34	19 58	14 52	23 3	22 56	13 24	15 13	6 29
W 3	21 35	17 9	3 20	24 19	1 21	18 39	2 56	23 49	0 25	9 33	1 15	17 16	1 6	22 3	0 2	20 5	1 34	19 57	14 52	23 3	22 56	13 26	15 12	6 29
T 4	21 24	13 3	4 11	24 14	1 26	18 52	2 53	23 51	0 26	9 34	1 16	17 18	1 6	22 4	0 2	20 5	1 34	19 56	14 52	23 3	22 56	13 28	15 11	6 29
F 5	21 13	8 12	4 47	24 9	1 31	19 4	2 51	23 53	0 27	9 36	1 16	17 19	1 6	22 4	0 2	20 5	1 34	19 56	14 52	23 2	22 55	13 30	15 10	6 29
S 6	21 2	2 53	5 7	24 2	1 35	19 16	2 49	23 55	0 27	9 38	1 16	17 21	1 7	22 5	0 2	20 5	1 34	19 55	14 51	23 2	22 55	13 32	15 9	6 29
S 7	20 51	2n37	5 9	23 54	1 39	19 28	2 47	23 56	0 28	9 40	1 16	17 22	1 7	22 5	0 2	20 5	1 34	19 54	14 51	23 1	22 55	13 34	15 9	6 29
M 8	20 39	8 0	4 52	23 44	1 43	19 39	2 44	23 58	0 29	9 42	1 17	17 24	1 7	22 5	0 2	20 5	1 34	19 54	14 51	23 1	22 54	13 36	15 8	6 29
T 9	20 27	12 58	4 17	23 32	1 47	19 50	2 42	23 59	0 29	9 44	1 17	17 25	1 7	22 6	0 2	20 5	1 34	19 53	14 51	23 1	22 54	13 38	15 7	6 29
W10	20 14	17 12	3 26	23 19	1 50	20 0	2 39	24 0	0 30	9 46	1 17	17 27	1 7	22 6	0 2	20 4	1 34	19 52	14 50	23 1	22 54	13 40	15 6	6 29
T 11	20 1	20 26	2 23	23 5	1 53	20 10	2 36	24 0	0 31	9 48	1 17	17 28	1 7	22 7	0 2	20 4	1 34	19 52	14 50	23 1	22 54	13 42	15 5	6 29
F 12	19 47	22 25	1 12	22 49	1 56	20 20	2 33	24 1	0 31	9 50	1 18	17 30	1 7	22 7	0 2	20 4	1 34	19 51	14 50	23 1	22 53	13 44	15 4	6 29
S 13	19 33	23 1	0s 2	22 32	1 58	20 29	2 31	24 1	0 32	9 52	1 18	17 31	1 7	22 7	0 2	20 4	1 34	19 50	14 50	23 1	22 53	13 46	15 3	6 29
S 14	19 19	22 12	1 16	22 13	2 0	20 37	2 28	24 1	0 33	9 54	1 18	17 33	1 8	22 8	0 2	20 4	1 34	19 50	14 50	23 1	22 53	13 48	15 2	6 29
M15	19 5	20 5	2 24	21 52	2 2	20 46	2 25	24 0	0 33	9 56	1 18	17 34	1 8	22 8	0 2	20 4	1 34	19 49	14 49	23 1	22 52	13 50	15 1	6 30
T 16	18 50	16 54	3 23	21 30	2 3	20 53	2 22	24 0	0 34	9 59	1 19	17 36	1 8	22 8	0 2	20 4	1 34	19 48	14 49	23 0	22 52	13 52	15 0	6 30
W17	18 35	12 55	4 11	21 6	2 4	21 0	2 18	23 59	0 35	10 1	1 19	17 37	1 8	22 9	0 2	20 4	1 34	19 48	14 49	23 0	22 52	13 54	14 59	6 30
T 18	18 19	8 26	4 44	20 41	2 4	21 7	2 15	23 58	0 36	10 4	1 19	17 39	1 8	22 9	0 2	20 4	1 34	19 47	14 49	22 59	22 51	13 56	14 58	6 30
F 19	18 3	3 40	5 2	20 14	2 4	21 13	2 12	23 56	0 36	10 6	1 19	17 40	1 8	22 9	0 2	20 4	1 34	19 46	14 49	22 58	22 51	13 58	14 57	6 30
S 20	17 47	1s 9	5 6	19 46	2 4	21 18	2 9	23 55	0 37	10 9	1 19	17 42	1 8	22 10	0 2	20 4	1 33	19 46	14 48	22 57	22 51	13 59	14 56	6 30
S 21	17 30	5 49	4 55	19 16	2 3	21 23	2 5	23 53	0 38	10 11	1 20	17 43	1 8	22 10	0 2	20 4	1 33	19 45	14 48	22 56	22 50	14 1	14 55	6 30
M22	17 14	10 12	4 32	18 44	2 2	21 27	2 2	23 50	0 38	10 14	1 20	17 45	1 8	22 10	0 2	20 4	1 33	19 44	14 48	22 56	22 50	14 3	14 54	6 30
T 23	16 57	14 10	3 57	18 11	2 0	21 31	1 59	23 48	0 39	10 16	1 20	17 46	1 9	22 11	0 2	20 4	1 33	19 44	14 48	22 55	22 50	14 5	14 53	6 31
W24	16 39	17 33	3 12	17 36	1 57	21 34	1 55	23 45	0 40	10 19	1 20	17 48	1 9	22 11	0 2	20 4	1 33	19 43	14 48	22 55	22 50	14 7	14 52	6 31
T 25	16 21	20 14	2 19	17 0	1 54	21 37	1 52	23 42	0 40	10 22	1 20	17 49	1 9	22 11	0 2	20 4	1 33	19 42	14 48	22 55	22 49	14 9	14 51	6 31
F 26	16 3	22 4	1 19	16 22	1 51	21 39	1 48	23 39	0 41	10 24	1 21	17 51	1 9	22 12	0 2	20 4	1 33	19 42	14 48	22 55	22 49	14 11	14 50	6 31
S 27	15 45	22 53	0 14	15 42	1 47	21 40	1 45	23 36	0 42	10 27	1 21	17 52	1 9	22 12	0 2	20 4	1 33	19 41	14 47	22 55	22 49	14 13	14 49	6 31
S 28	15 27	22 36	0n53	15 2	1 42	21 41	1 41	23 32	0 42	10 30	1 21	17 54	1 9	22 12	0 2	20 4	1 33	19 40	14 47	22 55	22 48	14 15	14 48	6 31
M29	15 8	21 7	1 58	14 19	1 37	21 41	1 37	23 28	0 43	10 33	1 21	17 55	1 9	22 12	0 2	20 4	1 33	19 40	14 47	22 55	22 48	14 17	14 47	6 32
T 30	14 49	18 28	3 0	13 36	1 31	21 41	1 34	23 24	0 44	10 36	1 21	17 57	1 9	22 13	0 2	20 4	1 33	19 39	14 47	22 55	22 48	14 19	14 46	6 32
W31	14s29	14s43	3n53	12s51	1s25	21s40	1n30	23s20	0s44	10n38	1n21	17n58	1n 9	22s13	0n 2	20n 4	1s33	19s38	14s47	22s54	22s47	14s20	14s45	6n32

Julian Day Number = 2292674.5, Delta T = 148.42 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'13, Lahiri = 17°47'13 Julian Calendar 1 Jan. 1565 == Greg. Calendar 11 Jan. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

FEBRUARY 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 22 57	22♒ 8'09	21♒26	1♓46	10♉29	16♉17	5°R45	13°R14	11♐49	7°R21	14♓40	17°R16	16♐14	28♎ 0	25♉ 5	T 1
F 2	9 26 54	23° 8'42	5♓47	3°36	11°40	17° 2	5♍37	13♌ 9	11°50	7♊21	14°42	17♐ 6	16°11	28° 7	25°10	F 2
S 3	9 30 50	24° 9'14	20°19	5°26	12°51	17°47	5°30	13° 4	11°52	7°20	14°43	16°55	16° 8	28°13	25°15	S 3
S 4	9 34 47	25° 9'44	4♈56	7°15	14° 2	18°33	5°22	13° 0	11°54	7°20	14°45	16°45	16° 5	28°20	25°20	S 4
M 5	9 38 44	26°10'12	19°29	9° 2	15°13	19°18	5°14	12°55	11°55	7°20	14°46	16°38	16° 2	28°27	25°25	M 5
T 6	9 42 40	27°10'38	3♉55	10°49	16°24	20° 3	5° 7	12°50	11°57	7°20	14°48	16°34	15°58	28°33	25°29	T 6
W 7	9 46 37	28°11'02	18° 9	12°33	17°35	20°49	4°59	12°45	11°59	7°D20	14°49	16°32	15°55	28°40	25°34	W 7
T 8	9 50 33	29°11'25	2♊ 9	14°15	18°46	21°34	4°51	12°41	12° 0	7°20	14°51	16°D31	15°52	28°47	25°39	T 8
F 9	9 54 30	0♓11'45	15°56	15°54	19°57	22°19	4°43	12°36	12° 1	7°20	14°52	16°R32	15°49	28°53	25°43	F 9
S 10	9 58 26	1°12'03	29°31	17°30	21° 9	23° 5	4°35	12°32	12° 3	7°20	14°54	16°31	15°46	29° 0	25°48	S 10
S 11	10 2 23	2°12'19	12♋53	19° 2	22°20	23°50	4°28	12°27	12° 4	7°21	14°55	16°28	15°43	29° 7	25°53	S 11
M12	10 6 19	3°12'34	26° 4	20°29	23°32	24°36	4°20	12°23	12° 5	7°21	14°57	16°23	15°39	29°14	25°57	M12
T 13	10 10 16	4°12'46	9♌ 5	21°51	24°43	25°21	4°12	12°19	12° 7	7°21	14°58	16°15	15°36	29°20	26° 2	T 13
W14	10 14 13	5°12'56	21°54	23° 7	25°55	26° 6	4° 4	12°14	12° 8	7°21	15° 0	16° 4	15°33	29°27	26° 6	W14
T 15	10 18 9	6°13'04	4♍33	24°17	27° 6	26°52	3°56	12°10	12° 9	7°21	15° 1	15°51	15°30	29°34	26°10	T 15
F 16	10 22 6	7°13'11	17° 0	25°21	28°18	27°38	3°48	12° 6	12°10	7°22	15° 3	15°37	15°27	29°40	26°15	F 16
S 17	10 26 2	8°13'15	29°16	26°16	29°30	28°23	3°41	12° 2	12°11	7°22	15° 4	15°23	15°23	29°47	26°19	S 17
S 18	10 29 59	9°13'18	11♎22	27° 4	0♒41	29° 9	3°33	11°58	12°12	7°23	15° 6	15°11	15°20	29°54	26°23	S 18
M19	10 33 55	10°13'19	23°19	27°43	1°53	29°54	3°25	11°54	12°13	7°23	15° 8	15° 1	15°17	0♏ 0	26°27	M19
T 20	10 37 52	11°13'18	5♏10	28°14	3° 5	0♒40	3°17	11°50	12°14	7°23	15° 9	14°54	15°14	0° 7	26°32	T 20
W21	10 41 48	12°13'16	16°58	28°36	4°17	1°26	3° 9	11°46	12°14	7°24	15°11	14°49	15°11	0°14	26°36	W21
T 22	10 45 45	13°13'12	28°49	28°50	5°29	2°11	3° 2	11°42	12°15	7°24	15°12	14°48	15° 8	0°20	26°40	T 22
F 23	10 49 42	14°13'06	10♐46	28°R54	6°41	2°57	2°54	11°38	12°16	7°25	15°14	14°47	15° 4	0°27	26°44	F 23
S 24	10 53 38	15°12'59	22°57	28°49	7°53	3°43	2°47	11°35	12°16	7°25	15°15	14°47	15° 1	0°34	26°48	S 24
S 25	10 57 35	16°12'50	5♑25	28°36	9° 5	4°28	2°39	11°31	12°17	7°26	15°17	14°46	14°58	0°40	26°52	S 25
M26	11 1 31	17°12'40	18°16	28°15	10°17	5°14	2°32	11°28	12°18	7°27	15°19	14°43	14°55	0°47	26°56	M26
T 27	11 5 28	18°12'27	1♒34	27°47	11°29	6° 0	2°24	11°24	12°18	7°27	15°20	14°38	14°52	0°54	27° 0	T 27
W28	11 9 24	19♓12'13	15♒21	27♓11	12♒41	6♒46	2♍17	11♌21	12♐18	7♊28	15♓22	14♐30	14♐48	1♏ 0	27♉ 3	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s10	10s 5	4n33	12s 5	1s18	21s39	1n26	23s15	0s45	10n41	1n21	18n 0	1n 9	22s13	0n 2	20n 4	1s33	19s38	14s47	22s53	22s47	14s22	14s44	6n32
F 2	13 50	4 49	4 57	11 18	1 10	21 37	1 23	23 10	0 46	10 44	1 22	18 1	1 9	22 13	0 2	20 4	1 33	19 37	14 47	22 52	22 47	14 24	14 43	6 32
S 3	13 30	0n47	5 2	10 29	1 1	21 34	1 19	23 5	0 47	10 47	1 22	18 3	1 10	22 14	0 2	20 4	1 33	19 36	14 47	22 51	22 46	14 26	14 42	6 33
S 4	13 10	6 22	4 48	9 41	0 52	21 30	1 15	22 59	0 47	10 50	1 22	18 4	1 10	22 14	0 2	20 4	1 33	19 35	14 46	22 50	22 46	14 28	14 41	6 33
M 5	12 49	11 34	4 15	8 51	0 42	21 26	1 12	22 54	0 48	10 53	1 22	18 5	1 10	22 14	0 2	20 4	1 33	19 35	14 46	22 49	22 46	14 30	14 40	6 33
T 6	12 29	16 5	3 26	8 1	0 32	21 22	1 8	22 48	0 49	10 56	1 22	18 7	1 10	22 14	0 2	20 4	1 32	19 34	14 46	22 49	22 45	14 32	14 39	6 33
W 7	12 8	19 35	2 25	7 11	0 21	21 17	1 4	22 41	0 49	10 59	1 22	18 8	1 10	22 15	0 2	20 4	1 32	19 33	14 46	22 49	22 45	14 33	14 38	6 34
T 8	11 47	21 52	1 16	6 21	0 9	21 11	1 0	22 35	0 50	11 2	1 22	18 10	1 10	22 15	0 2	20 4	1 32	19 33	14 46	22 49	22 45	14 35	14 36	6 34
F 9	11 26	22 48	0 3	5 31	0n 3	21 5	0 57	22 28	0 51	11 5	1 22	18 11	1 10	22 15	0 2	20 4	1 32	19 32	14 46	22 49	22 44	14 37	14 35	6 34
S 10	11 4	22 21	1s 8	4 42	0 16	20 58	0 53	22 22	0 51	11 8	1 23	18 12	1 10	22 15	0 2	20 4	1 32	19 31	14 46	22 49	22 44	14 39	14 34	6 34
S 11	10 43	20 38	2 15	3 54	0 30	20 50	0 49	22 14	0 52	11 11	1 23	18 14	1 10	22 15	0 2	20 4	1 32	19 31	14 46	22 48	22 44	14 41	14 33	6 35
M12	10 21	17 49	3 13	3 7	0 43	20 42	0 45	22 7	0 53	11 14	1 23	18 15	1 10	22 16	0 2	20 4	1 32	19 30	14 46	22 48	22 43	14 43	14 32	6 35
T 13	9 59	14 10	4 0	2 21	0 58	20 33	0 42	21 59	0 53	11 17	1 23	18 16	1 10	22 16	0 2	20 4	1 32	19 30	14 46	22 47	22 43	14 45	14 31	6 35
W14	9 37	9 55	4 34	1 38	1 12	20 24	0 38	21 52	0 54	11 20	1 23	18 17	1 10	22 16	0 2	20 5	1 32	19 29	14 46	22 46	22 43	14 46	14 30	6 36
T 15	9 15	5 18	4 54	0 57	1 26	20 14	0 34	21 44	0 55	11 22	1 23	18 19	1 10	22 16	0 2	20 5	1 32	19 28	14 46	22 44	22 42	14 48	14 29	6 36
F 16	8 53	0 32	5 0	0 19	1 41	20 3	0 31	21 35	0 55	11 25	1 23	18 20	1 10	22 16	0 2	20 5	1 32	19 28	14 46	22 43	22 42	14 50	14 28	6 36
S 17	8 30	4s10	4 51	0n16	1 55	19 52	0 27	21 27	0 56	11 28	1 23	18 21	1 10	22 16	0 2	20 5	1 32	19 27	14 46	22 42	22 42	14 52	14 27	6 37
S 18	8 8	8 38	4 30	0 48	2 9	19 40	0 23	21 18	0 57	11 31	1 23	18 22	1 10	22 16	0 2	20 5	1 32	19 26	14 46	22 40	22 41	14 54	14 26	6 37
M19	7 45	12 44	3 57	1 16	2 22	19 28	0 20	21 9	0 57	11 34	1 23	18 23	1 10	22 17	0 2	20 5	1 32	19 26	14 46	22 39	22 41	14 55	14 24	6 37
T 20	7 22	16 18	3 13	1 40	2 35	19 15	0 16	21 0	0 58	11 37	1 23	18 24	1 10	22 17	0 2	20 5	1 32	19 25	14 46	22 38	22 41	14 57	14 23	6 38
W21	7 0	19 12	2 21	2 0	2 47	19 2	0 13	20 50	0 59	11 40	1 23	18 26	1 10	22 17	0 2	20 5	1 32	19 24	14 46	22 38	22 40	14 59	14 22	6 38
T 22	6 37	21 18	1 24	2 15	2 58	18 48	0 9	20 41	0 59	11 43	1 23	18 27	1 10	22 17	0 2	20 6	1 32	19 24	14 46	22 38	22 40	15 1	14 21	6 38
F 23	6 13	22 28	0 21	2 26	3 8	18 33	0 6	20 31	1 0	11 45	1 23	18 28	1 10	22 17	0 2	20 6	1 31	19 23	14 46	22 37	22 39	15 3	14 20	6 39
S 24	5 50	22 35	0n43	2 33	3 17	18 18	0 2	20 21	1 1	11 48	1 23	18 29	1 10	22 17	0 2	20 6	1 31	19 23	14 46	22 37	22 39	15 4	14 19	6 39
S 25	5 27	21 36	1 47	2 34	3 24	18 3	0s 1	20 11	1 1	11 51	1 23	18 30	1 10	22 17	0 2	20 6	1 31	19 22	14 46	22 37	22 39	15 6	14 18	6 39
M26	5 4	19 29	2 47	2 31	3 30	17 47	0 5	20 0	1 2	11 53	1 23	18 31	1 11	22 17	0 2	20 6	1 31	19 21	14 46	22 37	22 38	15 8	14 17	6 40
T 27	4 40	16 16	3 41	2 23	3 34	17 30	0 8	19 49	1 2	11 56	1 23	18 32	1 11	22 17	0 2	20 6	1 31	19 21	14 46	22 36	22 38	15 10	14 16	6 40
W28	4s17	12s 5	4n23	2n11	3n37	17s13	0s11	19s39	1s 3	11n59	1n23	18n33	1n11	22s17	0n 2	20n 6	1s31	19s20	14s46	22s36	22s38	15s11	14s15	6n40

Julian Day Number = 2292705.5, Delta T = 148.25 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'17, Lahiri = 17°47'17 Julian Calendar 1 Feb. 1565 == Greg. Calendar 11 Feb. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

MARCH 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 13 21	20♓11'57	29♒35	26°R30	13♒54	7♒32	2°R10	11°R18	12♐19	7♊29	15♓23	14°R20	14♐45	1♏ 7	27♑ 7	T 1
F 2	11 17 17	21°11'38	14♓13	25♓44	15° 6	8°17	2♍ 3	11♌14	12°19	7°30	15°25	14♐ 9	14°42	1°14	27°11	F 2
S 3	11 21 14	22°11'18	29° 7	24°54	16°18	9° 3	1°56	11°11	12°19	7°30	15°26	13°57	14°39	1°21	27°14	S 3
S 4	11 25 10	23°10'56	14♈ 8	24° 1	17°30	9°49	1°49	11° 8	12°20	7°31	15°28	13°46	14°36	1°27	27°18	S 4
M 5	11 29 7	24°10'32	29° 7	23° 7	18°43	10°35	1°42	11° 5	12°20	7°32	15°29	13°38	14°33	1°34	27°21	M 5
T 6	11 33 4	25°10'05	13♉54	22°12	19°55	11°21	1°35	11° 3	12°20	7°33	15°31	13°33	14°29	1°41	27°25	T 6
W 7	11 37 0	26° 9'37	28°25	21°19	21° 7	12° 7	1°29	11° 0	12°R20	7°34	15°33	13°30	14°26	1°47	27°28	W 7
T 8	11 40 57	27° 9'06	12♊35	20°27	22°20	12°53	1°22	10°57	12°20	7°35	15°34	13°D30	14°23	1°54	27°32	T 8
F 9	11 44 53	28° 8'32	26°24	19°37	23°32	13°38	1°16	10°55	12°20	7°36	15°36	13°R30	14°20	2° 1	27°35	F 9
S 10	11 48 50	29° 7'56	9♋53	18°52	24°45	14°24	1°10	10°52	12°20	7°37	15°37	13°30	14°17	2° 7	27°38	S 10
S 11	11 52 46	0♈ 7'18	23° 5	18°10	25°57	15°10	1° 3	10°50	12°20	7°38	15°39	13°27	14°14	2°14	27°41	S 11
M12	11 56 43	1° 6'38	6♌ 1	17°34	27° 9	15°56	0°57	10°48	12°19	7°39	15°40	13°23	14°10	2°21	27°44	M12
T 13	12 0 39	2° 5'55	18°45	17° 2	28°22	16°42	0°52	10°45	12°19	7°40	15°42	13°16	14° 7	2°27	27°47	T 13
W14	12 4 36	3° 5'10	1♍16	16°37	29°34	17°28	0°46	10°43	12°19	7°41	15°43	13° 6	14° 4	2°34	27°50	W14
T 15	12 8 33	4° 4'22	13°38	16°16	0♓47	18°14	0°40	10°41	12°18	7°43	15°45	12°54	14° 1	2°41	27°53	T 15
F 16	12 12 29	5° 3'33	25°51	16° 2	2° 0	19° 0	0°35	10°40	12°18	7°44	15°46	12°41	13°58	2°47	27°56	F 16
S 17	12 16 26	6° 2'41	7♎57	15°53	3°12	19°46	0°29	10°38	12°17	7°45	15°48	12°29	13°54	2°54	27°59	S 17
S 18	12 20 22	7° 1'47	19°55	15°D50	4°25	20°32	0°24	10°36	12°17	7°46	15°49	12°18	13°51	3° 1	28° 2	S 18
M19	12 24 19	8° 0'51	1♏47	15°52	5°37	21°18	0°19	10°35	12°16	7°48	15°51	12° 9	13°48	3° 7	28° 4	M19
T 20	12 28 15	8°59'54	13°36	16° 0	6°50	22° 4	0°14	10°33	12°16	7°49	15°52	12° 2	13°45	3°14	28° 7	T 20
W21	12 32 12	9°58'54	25°24	16°13	8° 2	22°50	0°10	10°32	12°15	7°50	15°54	11°58	13°42	3°21	28°10	W21
T 22	12 36 8	10°57'53	7♐15	16°31	9°15	23°36	0° 5	10°31	12°14	7°52	15°55	11°D57	13°39	3°27	28°12	T 22
F 23	12 40 5	11°56'50	19°13	16°54	10°28	24°22	0° 1	10°30	12°14	7°53	15°56	11°57	13°35	3°34	28°14	F 23
S 24	12 44 2	12°55'45	1♑22	17°22	11°40	25° 8	29♌57	10°29	12°13	7°55	15°58	11°58	13°32	3°41	28°17	S 24
S 25	12 47 58	13°54'38	13°48	17°53	12°53	25°54	29°53	10°28	12°12	7°56	15°59	11°R58	13°29	3°47	28°19	S 25
M26	12 51 55	14°53'30	26°36	18°29	14° 6	26°40	29°49	10°27	12°11	7°57	16° 1	11°57	13°26	3°54	28°21	M26
T 27	12 55 51	15°52'19	9♒49	19° 9	15°19	27°26	29°45	10°26	12°10	7°59	16° 2	11°55	13°23	4° 1	28°23	T 27
W28	12 59 48	16°51'07	23°32	19°52	16°31	28°12	29°42	10°26	12° 9	8° 0	16° 3	11°50	13°20	4° 8	28°25	W28
T 29	13 3 44	17°49'53	7♓44	20°39	17°44	28°58	29°38	10°25	12° 8	8° 2	16° 5	11°43	13°16	4°14	28°27	T 29
F 30	13 7 41	18°48'38	22°22	21°30	18°57	29°44	29°35	10°25	12° 7	8° 4	16° 6	11°36	13°13	4°21	28°29	F 30
S 31	13 11 37	19♈47'20	7♈22	22♓23	20♓10	0♓30	29♌32	10♌24	12♐ 6	8♊ 5	16♓ 8	11♐27	13♐10	4♏28	28♑31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s53	7s 6	4n51	1n55	3n37	16s56	0s15	19s27	1s 4	12n 1	1n23	18n34	1n11	22s17	0n 2	20n 7	1s31	19s20	14s46	22s34	22s37	15s13	14s14	6n41
F 2	3 30	1 36	5 1	1 36	3 35	16 38	0 18	19 16	1 4	12 4	1 23	18 34	1 11	22 17	0 2	20 7	1 31	19 19	14 46	22 33	22 37	15 15	14 13	6 41
S 3	3 6	4n 5	4 50	1 12	3 32	16 19	0 21	19 5	1 5	12 6	1 23	18 35	1 11	22 18	0 2	20 7	1 31	19 19	14 46	22 32	22 37	15 17	14 11	6 42
S 4	2 43	9 35	4 20	0 47	3 26	16 0	0 24	18 53	1 6	12 9	1 23	18 36	1 11	22 18	0 2	20 7	1 31	19 18	14 46	22 30	22 36	15 18	14 10	6 42
M 5	2 19	14 29	3 32	0 19	3 19	15 41	0 27	18 41	1 6	12 11	1 23	18 37	1 11	22 18	0 2	20 7	1 31	19 17	14 46	22 29	22 36	15 20	14 9	6 42
T 6	1 55	18 26	2 30	0s11	3 10	15 21	0 30	18 29	1 7	12 14	1 23	18 38	1 11	22 18	0 2	20 8	1 31	19 17	14 46	22 29	22 35	15 22	14 8	6 43
W 7	1 32	21 8	1 19	0 42	3 0	15 1	0 33	18 17	1 7	12 16	1 23	18 39	1 11	22 18	0 2	20 8	1 31	19 16	14 46	22 28	22 35	15 24	14 7	6 43
T 8	1 8	22 26	0 5	1 13	2 48	14 40	0 36	18 4	1 8	12 18	1 23	18 39	1 11	22 18	0 2	20 8	1 31	19 16	14 46	22 28	22 35	15 25	14 6	6 44
F 9	0 44	22 19	1s 8	1 44	2 35	14 19	0 39	17 52	1 9	12 20	1 23	18 40	1 11	22 18	0 2	20 8	1 31	19 15	14 46	22 28	22 34	15 27	14 5	6 44
S 10	0 21	20 53	2 15	2 15	2 21	13 58	0 42	17 39	1 9	12 23	1 23	18 41	1 11	22 18	0 2	20 8	1 31	19 15	14 47	22 28	22 34	15 29	14 4	6 45
S 11	0n 3	18 20	3 14	2 45	2 7	13 36	0 44	17 26	1 10	12 25	1 23	18 41	1 11	22 18	0 2	20 9	1 31	19 14	14 47	22 28	22 34	15 31	14 3	6 45
M12	0 27	14 55	4 1	3 13	1 52	13 13	0 47	17 13	1 10	12 27	1 23	18 42	1 11	22 18	0 2	20 9	1 31	19 14	14 47	22 28	22 33	15 32	14 2	6 45
T 13	0 50	10 53	4 35	3 39	1 36	12 51	0 50	17 0	1 11	12 29	1 23	18 42	1 10	22 18	0 2	20 9	1 30	19 13	14 47	22 27	22 33	15 34	14 1	6 46
W14	1 14	6 26	4 56	4 4	1 20	12 28	0 52	16 46	1 12	12 31	1 22	18 43	1 10	22 18	0 2	20 9	1 30	19 13	14 47	22 25	22 33	15 36	14 0	6 46
T 15	1 37	1 48	5 2	4 26	1 5	12 5	0 55	16 33	1 12	12 33	1 22	18 43	1 10	22 17	0 2	20 10	1 30	19 12	14 47	22 24	22 32	15 37	13 59	6 47
F 16	2 1	2s51	4 54	4 46	0 49	11 41	0 57	16 19	1 13	12 35	1 22	18 44	1 10	22 17	0 2	20 10	1 30	19 12	14 47	22 22	22 32	15 39	13 58	6 47
S 17	2 24	7 20	4 33	5 3	0 34	11 17	1 0	16 5	1 13	12 36	1 22	18 44	1 10	22 17	0 2	20 10	1 30	19 11	14 47	22 21	22 31	15 41	13 57	6 48
S 18	2 48	11 30	4 0	5 19	0 19	10 53	1 2	15 51	1 14	12 38	1 22	18 45	1 10	22 17	0 2	20 10	1 30	19 11	14 48	22 19	22 31	15 43	13 56	6 48
M19	3 11	15 12	3 17	5 31	0 4	10 28	1 4	15 36	1 14	12 40	1 22	18 45	1 10	22 17	0 2	20 11	1 30	19 10	14 48	22 18	22 31	15 44	13 55	6 49
T 20	3 34	18 16	2 25	5 41	0s10	10 3	1 6	15 22	1 15	12 41	1 22	18 46	1 10	22 17	0 2	20 11	1 30	19 10	14 48	22 17	22 30	15 46	13 54	6 49
W21	3 58	20 34	1 27	5 48	0 23	9 38	1 9	15 8	1 15	12 43	1 22	18 46	1 10	22 17	0 2	20 11	1 30	19 10	14 48	22 17	22 30	15 48	13 53	6 50
T 22	4 21	21 59	0 25	5 53	0 36	9 12	1 11	14 53	1 16	12 44	1 22	18 46	1 10	22 17	0 2	20 11	1 30	19 9	14 48	22 16	22 29	15 49	13 52	6 50
F 23	4 44	22 25	0n39	5 56	0 49	8 47	1 13	14 38	1 17	12 46	1 21	18 47	1 10	22 17	0 2	20 12	1 30	19 9	14 48	22 16	22 29	15 51	13 51	6 51
S 24	5 7	21 47	1 42	5 56	1 1	8 21	1 14	14 23	1 17	12 47	1 21	18 47	1 10	22 17	0 2	20 12	1 30	19 8	14 48	22 17	22 29	15 53	13 50	6 51
S 25	5 30	20 5	2 42	5 54	1 12	7 55	1 16	14 8	1 18	12 48	1 21	18 47	1 10	22 17	0 2	20 12	1 30	19 8	14 49	22 17	22 28	15 54	13 49	6 52
M26	5 53	17 21	3 36	5 50	1 23	7 28	1 18	13 53	1 18	12 50	1 21	18 47	1 10	22 17	0 2	20 13	1 30	19 8	14 49	22 17	22 28	15 56	13 48	6 52
T 27	6 16	13 39	4 20	5 43	1 33	7 2	1 20	13 37	1 19	12 51	1 21	18 47	1 10	22 16	0 2	20 13	1 30	19 7	14 49	22 16	22 28	15 58	13 48	6 53
W28	6 38	9 7	4 51	5 35	1 42	6 35	1 21	13 22	1 19	12 52	1 21	18 48	1 10	22 16	0 2	20 13	1 30	19 7	14 49	22 16	22 27	15 59	13 47	6 53
T 29	7 1	3 58	5 6	5 24	1 51	6 8	1 23	13 6	1 20	12 53	1 21	18 48	1 10	22 16	0 2	20 13	1 30	19 6	14 49	22 15	22 27	16 1	13 46	6 54
F 30	7 23	1n35	5 1	5 12	1 59	5 41	1 24	12 51	1 20	12 54	1 21	18 48	1 10	22 16	0 2	20 14	1 30	19 6	14 50	22 14	22 26	16 2	13 45	6 54
S 31	7n45	7n 9	4n36	4s57	2s 6	5s13	1s26	12s35	1s21	12n55	1n20	18n48	1n10	22s16	0n 2	20n14	1s30	19s 6	14s50	22s12	22s26	16s 4	13s44	6n55

Julian Day Number = 2292733.5, Delta T = 148.09 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'21, Lahiri = 17°47'21 Julian Calendar 1 March 1565 == Greg. Calendar 11 March 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

APRIL 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 15 34	20♈46'01	22♈34	23♓20	21♓23	1♓16	29°R29	10°R24	12°R 5	8♊ 7	16♓ 9	11°R20	13♐ 7	4♏34	28♉33	S 1
M 2	13 19 30	21°44'40	7♉48	24°20	22°35	2° 2	29♌27	10°D24	12♐ 3	8° 8	16°10	11♐14	13° 4	4°41	28°35	M 2
T 3	13 23 27	22°43'16	22°53	25°22	23°48	2°48	29°24	10♌24	12° 2	8°10	16°11	11°11	13° 0	4°48	28°36	T 3
W 4	13 27 24	23°41'51	7♊41	26°27	25° 1	3°34	29°22	10°25	12° 1	8°12	16°13	11°D10	12°57	4°54	28°38	W 4
T 5	13 31 20	24°40'24	22° 6	27°35	26°14	4°20	29°20	10°25	11°59	8°14	16°14	11°10	12°54	5° 1	28°39	T 5
F 6	13 35 17	25°38'54	6♋ 7	28°45	27°27	5° 6	29°18	10°25	11°58	8°15	16°15	11°11	12°51	5° 8	28°41	F 6
S 7	13 39 13	26°37'22	19°42	29°57	28°40	5°51	29°16	10°26	11°56	8°17	16°17	11°12	12°48	5°14	28°42	S 7
S 8	13 43 10	27°35'48	2♌55	1♈12	29°52	6°37	29°15	10°26	11°55	8°19	16°18	11°R12	12°45	5°21	28°44	S 8
M 9	13 47 6	28°34'12	15°47	2°29	1♈ 5	7°23	29°13	10°27	11°53	8°21	16°19	11°11	12°41	5°28	28°45	M 9
T 10	13 51 3	29°32'33	28°22	3°48	2°18	8° 9	29°12	10°28	11°52	8°22	16°20	11° 7	12°38	5°34	28°46	T 10
W11	13 54 59	0♉30'52	10♍43	5° 9	3°31	8°55	29°11	10°29	11°50	8°24	16°21	11° 2	12°35	5°41	28°47	W11
T 12	13 58 56	1°29'10	22°54	6°33	4°44	9°41	29°10	10°30	11°49	8°26	16°23	10°56	12°32	5°48	28°48	T 12
F 13	14 2 53	2°27'25	4♎56	7°58	5°57	10°27	29°10	10°31	11°47	8°28	16°24	10°49	12°29	5°54	28°49	F 13
S 14	14 6 49	3°25'39	16°52	9°25	7°10	11°12	29° 9	10°32	11°45	8°30	16°25	10°42	12°25	6° 1	28°50	S 14
S 15	14 10 46	4°23'50	28°44	10°55	8°22	11°58	29° 9	10°34	11°43	8°32	16°26	10°36	12°22	6° 8	28°51	S 15
M16	14 14 42	5°22'00	10♏34	12°26	9°35	12°44	29°D 9	10°35	11°42	8°34	16°27	10°31	12°19	6°14	28°51	M16
T 17	14 18 39	6°20'08	22°23	13°59	10°48	13°30	29° 9	10°37	11°40	8°36	16°28	10°27	12°16	6°21	28°52	T 17
W18	14 22 35	7°18'15	4♐14	15°35	12° 1	14°15	29° 9	10°38	11°38	8°38	16°29	10°26	12°13	6°28	28°52	W18
T 19	14 26 32	8°16'20	16° 9	17°12	13°14	15° 1	29°10	10°40	11°36	8°40	16°30	10°D26	12°10	6°34	28°53	T 19
F 20	14 30 28	9°14'23	28°12	18°51	14°27	15°47	29°11	10°42	11°34	8°42	16°32	10°27	12° 6	6°41	28°53	F 20
S 21	14 34 25	10°12'25	10♑25	20°32	15°40	16°33	29°11	10°44	11°32	8°44	16°33	10°29	12° 3	6°48	28°54	S 21
S 22	14 38 22	11°10'26	22°54	22°15	16°53	17°18	29°13	10°46	11°30	8°46	16°34	10°30	12° 0	6°54	28°54	S 22
M23	14 42 18	12° 8'25	5♒41	24° 0	18° 6	18° 4	29°14	10°48	11°28	8°48	16°35	10°31	11°57	7° 1	28°54	M23
T 24	14 46 15	13° 6'23	18°51	25°46	19°19	18°50	29°15	10°50	11°26	8°50	16°36	10°R31	11°54	7° 8	28°54	T 24
W25	14 50 11	14° 4'19	2♓26	27°35	20°32	19°35	29°17	10°53	11°24	8°52	16°36	10°30	11°51	7°14	28°R54	W25
T 26	14 54 8	15° 2'14	16°28	29°26	21°45	20°21	29°18	10°55	11°22	8°54	16°37	10°28	11°47	7°21	28°54	T 26
F 27	14 58 4	16° 0'08	0♈56	1♉18	22°58	21° 6	29°20	10°58	11°20	8°56	16°38	10°25	11°44	7°28	28°54	F 27
S 28	15 2 1	16°58'01	15°46	3°13	24°11	21°52	29°22	11° 0	11°18	8°58	16°39	10°22	11°41	7°34	28°54	S 28
S 29	15 5 57	17°55'52	0♉52	5° 9	25°24	22°37	29°25	11° 3	11°15	9° 0	16°40	10°19	11°38	7°41	28°54	S 29
M30	15 9 54	18♉53'42	16♉ 4	7♉ 8	26♈37	23♓23	29♌27	11♌ 6	11♐13	9♊ 2	16♓41	10♐17	11♐35	7♏48	28♉53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 8	12n22	3n51	4s41	2s13	4s46	1s27	12s19	1s21	12n56	1n20	18n48	1n10	22s16	0n 2	20n14	1s30	19s 5	14s50	22s11	22s26	16s 6	13s43	6n55
M 2	8 30	16 49	2 50	4 23	2 19	4 18	1 28	12 3	1 22	12 57	1 20	18 48	1 10	22 16	0 2	20 15	1 30	19 5	14 50	22 11	22 25	16 7	13 42	6 56
T 3	8 51	20 6	1 37	4 3	2 25	3 50	1 29	11 47	1 22	12 57	1 20	18 48	1 10	22 15	0 2	20 15	1 29	19 5	14 50	22 10	22 25	16 9	13 42	6 56
W 4	9 13	21 57	0 19	3 42	2 29	3 22	1 31	11 30	1 22	12 58	1 20	18 48	1 10	22 15	0 2	20 15	1 29	19 4	14 51	22 10	22 24	16 11	13 41	6 57
T 5	9 35	22 17	0s59	3 19	2 34	2 54	1 32	11 14	1 23	12 59	1 20	18 47	1 10	22 15	0 2	20 16	1 29	19 4	14 51	22 10	22 24	16 12	13 40	6 57
F 6	9 56	21 11	2 11	2 54	2 37	2 26	1 33	10 57	1 23	12 59	1 19	18 47	1 10	22 15	0 2	20 16	1 29	19 4	14 51	22 10	22 24	16 14	13 39	6 58
S 7	10 17	18 51	3 13	2 28	2 40	1 58	1 33	10 41	1 24	13 0	1 19	18 47	1 10	22 15	0 2	20 16	1 29	19 4	14 51	22 10	22 23	16 15	13 38	6 58
S 8	10 39	15 36	4 3	2 1	2 43	1 29	1 34	10 24	1 24	13 0	1 19	18 47	1 10	22 15	0 2	20 16	1 29	19 3	14 52	22 10	22 23	16 17	13 38	6 59
M 9	10 59	11 41	4 40	1 32	2 45	1 1	1 35	10 8	1 25	13 0	1 19	18 47	1 10	22 14	0 2	20 17	1 29	19 3	14 52	22 10	22 22	16 19	13 37	6 59
T 10	11 20	7 21	5 2	1 2	2 46	0 33	1 36	9 51	1 25	13 1	1 19	18 46	1 10	22 14	0 2	20 17	1 29	19 3	14 52	22 10	22 22	16 20	13 36	7 0
W11	11 41	2 47	5 10	0 30	2 47	0 4	1 36	9 34	1 25	13 1	1 19	18 46	1 10	22 14	0 2	20 17	1 29	19 3	14 52	22 9	22 21	16 22	13 35	7 0
T 12	12 1	1s49	5 3	0n 3	2 47	0n24	1 37	9 17	1 26	13 1	1 19	18 46	1 10	22 14	0 2	20 18	1 29	19 2	14 53	22 8	22 21	16 23	13 35	7 1
F 13	12 21	6 18	4 43	0 37	2 47	0 53	1 37	9 0	1 26	13 1	1 18	18 45	1 10	22 14	0 2	20 18	1 29	19 2	14 53	22 7	22 21	16 25	13 34	7 1
S 14	12 41	10 30	4 11	1 12	2 46	1 21	1 37	8 43	1 27	13 1	1 18	18 45	1 10	22 13	0 2	20 18	1 29	19 2	14 53	22 6	22 20	16 26	13 33	7 2
S 15	13 1	14 17	3 28	1 49	2 44	1 50	1 38	8 26	1 27	13 1	1 18	18 45	1 9	22 13	0 2	20 19	1 29	19 2	14 53	22 5	22 20	16 28	13 33	7 2
M16	13 20	17 29	2 36	2 26	2 42	2 19	1 38	8 8	1 27	13 1	1 18	18 44	1 9	22 13	0 2	20 19	1 29	19 1	14 54	22 5	22 19	16 30	13 32	7 3
T 17	13 40	19 58	1 37	3 5	2 39	2 47	1 38	7 51	1 28	13 0	1 18	18 44	1 9	22 13	0 2	20 19	1 29	19 1	14 54	22 4	22 19	16 31	13 31	7 4
W18	13 59	21 36	0 34	3 45	2 36	3 15	1 38	7 34	1 28	13 0	1 17	18 43	1 9	22 12	0 2	20 20	1 29	19 1	14 54	22 4	22 19	16 33	13 31	7 4
T 19	14 18	22 15	0n31	4 25	2 32	3 44	1 38	7 16	1 28	13 0	1 17	18 43	1 9	22 12	0 2	20 20	1 29	19 1	14 55	22 4	22 18	16 34	13 30	7 5
F 20	14 36	21 53	1 36	5 7	2 28	4 12	1 38	6 59	1 29	12 59	1 17	18 42	1 9	22 12	0 2	20 20	1 29	19 1	14 55	22 4	22 18	16 36	13 29	7 5
S 21	14 55	20 28	2 37	5 50	2 23	4 41	1 38	6 41	1 29	12 59	1 17	18 42	1 9	22 12	0 2	20 21	1 29	19 1	14 55	22 4	22 17	16 37	13 29	7 6
S 22	15 13	18 3	3 32	6 33	2 18	5 9	1 38	6 24	1 29	12 58	1 17	18 41	1 9	22 11	0 2	20 21	1 29	19 1	14 55	22 4	22 17	16 39	13 28	7 6
M23	15 31	14 43	4 18	7 17	2 12	5 37	1 37	6 6	1 30	12 58	1 17	18 40	1 9	22 11	0 2	20 21	1 29	19 0	14 56	22 5	22 16	16 40	13 28	7 7
T 24	15 49	10 35	4 52	8 2	2 6	6 5	1 37	5 49	1 30	12 57	1 16	18 40	1 9	22 11	0 2	20 22	1 29	19 0	14 56	22 5	22 16	16 42	13 27	7 7
W25	16 6	5 47	5 11	8 47	1 59	6 33	1 36	5 31	1 30	12 56	1 16	18 39	1 9	22 11	0 1	20 22	1 29	19 0	14 56	22 4	22 16	16 43	13 27	7 8
T 26	16 23	0 33	5 13	9 33	1 52	7 1	1 36	5 13	1 31	12 56	1 16	18 38	1 9	22 10	0 1	20 22	1 29	19 0	14 57	22 4	22 15	16 45	13 26	7 8
F 27	16 40	4n52	4 55	10 20	1 44	7 28	1 35	4 56	1 31	12 55	1 16	18 38	1 9	22 10	0 1	20 23	1 29	19 0	14 57	22 4	22 15	16 47	13 26	7 9
S 28	16 57	10 10	4 17	11 7	1 36	7 56	1 35	4 38	1 31	12 54	1 16	18 37	1 9	22 10	0 1	20 23	1 29	19 0	14 57	22 3	22 14	16 48	13 25	7 9
S 29	17 13	14 56	3 20	11 54	1 27	8 23	1 34	4 20	1 31	12 53	1 16	18 36	1 9	22 9	0 1	20 24	1 29	19 0	14 58	22 3	22 14	16 50	13 25	7 10
M30	17n29	18n45	2n10	12n42	1s18	8n50	1s33	4s 2	1s32	12n52	1n15	18n35	1n 9	22s 9	0n 1	20n24	1s29	19s 0	14s58	22s 3	22s13	16s51	13s24	7n10

Julian Day Number = 2292764.5, Delta T = 147.92 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'25, Lahiri = 17°47'25 Julian Calendar 1 Apr. 1565 == Greg. Calendar 11 Apr. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

MAY 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 13 51	19♉51'31	1♊13	9♉ 8	27♈50	24♓ 8	29♌30	11♌ 9	11°R11	9♊ 4	16♓42	10°R16	11♐31	7♏54	28°R53	T 1
W 2	15 17 47	20°49'18	16° 9	11°10	29° 3	24°53	29°33	11°12	11♐ 9	9° 7	16°43	10°D15	11°28	8° 1	28♑52	W 2
T 3	15 21 44	21°47'04	0♋45	13°13	0♉16	25°39	29°36	11°15	11° 7	9° 9	16°43	10♐16	11°25	8° 8	28°52	T 3
F 4	15 25 40	22°44'48	14°57	15°18	1°29	26°24	29°39	11°19	11° 4	9°11	16°44	10°17	11°22	8°14	28°51	F 4
S 5	15 29 37	23°42'30	28°43	17°25	2°42	27° 9	29°42	11°22	11° 2	9°13	16°45	10°19	11°19	8°21	28°50	S 5
S 6	15 33 33	24°40'11	12♌ 2	19°33	3°55	27°55	29°46	11°25	11° 0	9°15	16°46	10°20	11°16	8°28	28°50	S 6
M 7	15 37 30	25°37'50	24°57	21°42	5° 8	28°40	29°49	11°29	10°57	9°17	16°46	10°R20	11°12	8°34	28°49	M 7
T 8	15 41 26	26°35'28	7♍32	23°52	6°21	29°25	29°53	11°32	10°55	9°20	16°47	10°20	11° 9	8°41	28°48	T 8
W 9	15 45 23	27°33'04	19°50	26° 3	7°34	0♈10	29°57	11°36	10°53	9°22	16°48	10°19	11° 6	8°48	28°47	W 9
T 10	15 49 20	28°30'38	1♎56	28°15	8°47	0°55	0♍ 1	11°40	10°50	9°24	16°48	10°17	11° 3	8°54	28°46	T 10
F 11	15 53 16	29°28'11	13°53	0♊27	10° 0	1°40	0° 6	11°44	10°48	9°26	16°49	10°16	11° 0	9° 1	28°45	F 11
S 12	15 57 13	0♊25'43	25°44	2°39	11°14	2°25	0°10	11°48	10°45	9°29	16°50	10°14	10°57	9° 8	28°44	S 12
S 13	16 1 9	1°23'14	7♏33	4°50	12°27	3°10	0°15	11°52	10°43	9°31	16°50	10°13	10°53	9°14	28°42	S 13
M14	16 5 6	2°20'43	19°22	7° 1	13°40	3°55	0°19	11°56	10°41	9°33	16°51	10°12	10°50	9°21	28°41	M14
T 15	16 9 2	3°18'12	1♐15	9°11	14°53	4°40	0°24	12° 0	10°38	9°35	16°51	10°12	10°47	9°28	28°40	T 15
W16	16 12 59	4°15'39	13°12	11°21	16° 6	5°24	0°29	12° 4	10°36	9°37	16°52	10°D12	10°44	9°34	28°38	W16
T 17	16 16 55	5°13'05	25°16	13°28	17°19	6° 9	0°35	12° 9	10°33	9°40	16°52	10°12	10°41	9°41	28°37	T 17
F 18	16 20 52	6°10'31	7♑30	15°35	18°32	6°54	0°40	12°13	10°31	9°42	16°53	10°12	10°37	9°48	28°35	F 18
S 19	16 24 49	7° 7'55	19°55	17°39	19°45	7°38	0°46	12°18	10°28	9°44	16°53	10°13	10°34	9°54	28°33	S 19
S 20	16 28 45	8° 5'19	2♒33	19°42	20°58	8°23	0°51	12°22	10°26	9°46	16°54	10°13	10°31	10° 1	28°32	S 20
M21	16 32 42	9° 2'42	15°28	21°43	22°12	9° 8	0°57	12°27	10°23	9°49	16°54	10°13	10°28	10° 8	28°30	M21
T 22	16 36 38	10° 0'04	28°40	23°42	23°25	9°52	1° 3	12°32	10°21	9°51	16°55	10°13	10°25	10°14	28°28	T 22
W23	16 40 35	10°57'26	12♓13	25°38	24°38	10°37	1° 9	12°37	10°18	9°53	16°55	10°13	10°22	10°21	28°26	W23
T 24	16 44 31	11°54'47	26° 6	27°32	25°51	11°21	1°15	12°42	10°16	9°55	16°55	10°13	10°18	10°28	28°24	T 24
F 25	16 48 28	12°52'08	10♈20	29°24	27° 4	12° 5	1°22	12°47	10°13	9°58	16°56	10°13	10°15	10°34	28°22	F 25
S 26	16 52 24	13°49'29	24°53	1♋13	28°18	12°50	1°28	12°52	10°11	10° 0	16°56	10°14	10°12	10°41	28°20	S 26
S 27	16 56 21	14°46'48	9♉40	3° 0	29°31	13°34	1°35	12°57	10° 9	10° 2	16°56	10°14	10° 9	10°48	28°18	S 27
M28	17 0 18	15°44'08	24°36	4°44	0♊44	14°18	1°42	13° 2	10° 6	10° 4	16°56	10°14	10° 6	10°54	28°16	M28
T 29	17 4 14	16°41'27	9♊33	6°26	1°57	15° 2	1°49	13° 7	10° 4	10° 7	16°57	10°R14	10° 3	11° 1	28°14	T 29
W30	17 8 11	17°38'45	24°23	8° 6	3°11	15°46	1°56	13°13	10° 1	10° 9	16°57	10°14	9°59	11° 8	28°11	W30
T 31	17 12 7	18♊36'03	8♋58	9♋42	4♊24	16♈30	2♍ 3	13♌18	9♐59	10♊11	16♓57	10♐14	9♐56	11♏14	28♑ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n45	21n16	0n50	13n29	1s 9	9n17	1s32	3s45	1s32	12n51	1n15	18n34	1n 9	22s 9	0n 1	20n24	1s29	19s 0	14s58	22s 2	22s13	16s53	13s24	7n11
W 2	18 0	22 14	0s33	14 17	0 59	9 44	1 31	3 27	1 32	12 50	1 15	18 33	1 9	22 8	0 1	20 25	1 29	19 0	14 59	22 2	22 13	16 54	13 23	7 11
T 3	18 15	21 39	1 51	15 4	0 49	10 11	1 30	3 9	1 32	12 49	1 15	18 33	1 9	22 8	0 1	20 25	1 29	19 0	14 59	22 2	22 12	16 55	13 23	7 12
F 4	18 30	19 40	3 0	15 51	0 39	10 37	1 29	2 51	1 33	12 47	1 15	18 32	1 9	22 8	0 1	20 25	1 28	19 0	14 59	22 3	22 12	16 57	13 23	7 12
S 5	18 45	16 36	3 57	16 37	0 28	11 3	1 28	2 33	1 33	12 46	1 14	18 31	1 9	22 8	0 1	20 26	1 28	19 0	15 0	22 3	22 11	16 58	13 22	7 13
S 6	18 59	12 45	4 39	17 22	0 18	11 29	1 27	2 15	1 33	12 44	1 14	18 30	1 9	22 7	0 1	20 26	1 28	19 0	15 0	22 3	22 11	17 0	13 22	7 13
M 7	19 13	8 26	5 5	18 7	0 7	11 55	1 26	1 58	1 33	12 43	1 14	18 29	1 9	22 7	0 1	20 26	1 28	19 0	15 0	22 3	22 10	17 1	13 22	7 14
T 8	19 26	3 52	5 16	18 50	0n 3	12 20	1 25	1 40	1 33	12 42	1 14	18 28	1 9	22 7	0 1	20 27	1 28	19 0	15 1	22 3	22 10	17 3	13 21	7 14
W 9	19 40	0s45	5 12	19 32	0 14	12 45	1 23	1 22	1 34	12 40	1 14	18 27	1 9	22 6	0 1	20 27	1 28	19 0	15 1	22 3	22 10	17 4	13 21	7 15
T 10	19 52	5 16	4 54	20 13	0 24	13 10	1 22	1 4	1 34	12 38	1 14	18 25	1 9	22 6	0 1	20 27	1 28	19 0	15 1	22 3	22 9	17 6	13 21	7 15
F 11	20 5	9 32	4 24	20 51	0 34	13 35	1 20	0 46	1 34	12 37	1 13	18 24	1 9	22 6	0 1	20 28	1 28	19 0	15 2	22 2	22 9	17 7	13 20	7 16
S 12	20 17	13 25	3 42	21 28	0 44	13 59	1 19	0 28	1 34	12 35	1 13	18 23	1 8	22 5	0 1	20 28	1 28	19 0	15 2	22 2	22 8	17 9	13 20	7 16
S 13	20 29	16 46	2 51	22 2	0 54	14 23	1 17	0 11	1 34	12 33	1 13	18 22	1 8	22 5	0 1	20 28	1 28	19 0	15 2	22 2	22 8	17 10	13 20	7 17
M14	20 41	19 25	1 53	22 34	1 3	14 46	1 16	0n 7	1 34	12 31	1 13	18 21	1 8	22 5	0 1	20 29	1 28	19 0	15 3	22 2	22 7	17 12	13 20	7 17
T 15	20 52	21 16	0 50	23 4	1 12	15 9	1 14	0 25	1 34	12 29	1 13	18 20	1 8	22 4	0 1	20 29	1 28	19 0	15 3	22 2	22 7	17 13	13 20	7 18
W16	21 3	22 10	0n17	23 31	1 20	15 32	1 12	0 42	1 34	12 27	1 13	18 18	1 8	22 4	0 1	20 29	1 28	19 1	15 3	22 2	22 6	17 14	13 19	7 18
T 17	21 13	22 2	1 23	23 55	1 27	15 55	1 11	1 0	1 35	12 25	1 12	18 17	1 8	22 4	0 1	20 30	1 28	19 1	15 4	22 2	22 6	17 16	13 19	7 19
F 18	21 23	20 51	2 26	24 17	1 34	16 17	1 9	1 18	1 35	12 23	1 12	18 16	1 8	22 3	0 1	20 30	1 28	19 1	15 4	22 2	22 5	17 17	13 19	7 19
S 19	21 33	18 40	3 23	24 35	1 41	16 38	1 7	1 35	1 35	12 21	1 12	18 15	1 8	22 3	0 1	20 30	1 28	19 1	15 5	22 2	22 5	17 19	13 19	7 20
S 20	21 42	15 33	4 12	24 52	1 46	17 0	1 5	1 53	1 35	12 19	1 12	18 13	1 8	22 3	0 1	20 31	1 28	19 1	15 5	22 2	22 5	17 20	13 19	7 20
M21	21 51	11 38	4 49	25 5	1 51	17 20	1 3	2 10	1 35	12 17	1 12	18 12	1 8	22 2	0 1	20 31	1 28	19 1	15 5	22 2	22 4	17 21	13 19	7 21
T 22	22 0	7 6	5 11	25 16	1 55	17 41	1 1	2 28	1 35	12 15	1 12	18 10	1 8	22 2	0 1	20 31	1 28	19 2	15 6	22 2	22 4	17 23	13 19	7 21
W23	22 8	2 6	5 17	25 24	1 59	18 1	0 59	2 45	1 35	12 12	1 12	18 9	1 8	22 2	0 1	20 32	1 28	19 2	15 6	22 2	22 3	17 24	13 19	7 21
T 24	22 16	3n 7	5 6	25 29	2 1	18 20	0 57	3 3	1 35	12 10	1 11	18 8	1 8	22 1	0 1	20 32	1 28	19 2	15 6	22 2	22 3	17 26	13 19	7 22
F 25	22 24	8 19	4 35	25 33	2 3	18 39	0 55	3 20	1 35	12 7	1 11	18 6	1 8	22 1	0 1	20 32	1 28	19 2	15 7	22 2	22 2	17 27	13 19	7 22
S 26	22 31	13 10	3 46	25 34	2 4	18 58	0 53	3 37	1 35	12 5	1 11	18 5	1 8	22 0	0 1	20 33	1 28	19 2	15 7	22 2	22 2	17 28	13 19	7 23
S 27	22 37	17 18	2 42	25 32	2 5	19 16	0 51	3 54	1 35	12 2	1 11	18 3	1 8	22 0	0 1	20 33	1 28	19 3	15 7	22 2	22 1	17 30	13 19	7 23
M28	22 44	20 21	1 26	25 29	2 4	19 33	0 49	4 12	1 35	12 0	1 11	18 2	1 8	22 0	0 1	20 33	1 28	19 3	15 8	22 2	22 1	17 31	13 19	7 23
T 29	22 50	22 0	0 4	25 23	2 3	19 50	0 47	4 29	1 35	11 57	1 11	18 0	1 8	21 59	0 1	20 34	1 28	19 3	15 8	22 2	22 0	17 33	13 19	7 24
W30	22 55	22 5	1s18	25 16	2 1	20 7	0 45	4 46	1 35	11 55	1 10	17 59	1 8	21 59	0 1	20 34	1 28	19 3	15 9	22 2	22 0	17 34	13 19	7 24
T 31	23n 0	20n39	2s33	25n 7	1n59	20n23	0s42	5n 3	1s35	11n52	1n10	17n57	1n 8	21s59	0n 1	20n34	1s28	19s 4	15s 9	22s 2	21s59	17s35	13s19	7n25

Julian Day Number = 2292794.5, Delta T = 147.76 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'29, Lahiri = 17°47'29 Julian Calendar 1 May 1565 == Greg. Calendar 11 May 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

JUNE 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 16 4	19♊33'20	23♋13	11♋17	5♊37	17♈14	2♍10	13♌24	9°R56	10♊13	16♓57	10°R13	9♐53	11♏21	28°R 6	F 1
S 2	17 20 0	20°30'37	7♌ 4	12°48	6°51	17°58	2°18	13°29	9♐54	10°15	16°57	10♐12	9°50	11°28	28♉ 4	S 2
S 3	17 23 57	21°27'52	20°29	14°18	8° 4	18°41	2°25	13°35	9°52	10°18	16°57	10°10	9°47	11°34	28° 1	S 3
M 4	17 27 54	22°25'07	3♍29	15°44	9°17	19°25	2°33	13°41	9°49	10°20	16°57	10° 9	9°43	11°41	27°59	M 4
T 5	17 31 50	23°22'21	16° 7	17° 8	10°30	20° 9	2°41	13°46	9°47	10°22	16°58	10° 9	9°40	11°48	27°56	T 5
W 6	17 35 47	24°19'34	28°27	18°29	11°44	20°52	2°49	13°52	9°44	10°24	16°58	10°D 9	9°37	11°54	27°54	W 6
T 7	17 39 43	25°16'47	10♎31	19°48	12°57	21°36	2°57	13°58	9°42	10°26	16°R58	10° 9	9°34	12° 1	27°51	T 7
F 8	17 43 40	26°13'59	22°27	21° 3	14°11	22°19	3° 5	14° 4	9°40	10°29	16°58	10°10	9°31	12° 8	27°48	F 8
S 9	17 47 36	27°11'11	4♏16	22°16	15°24	23° 2	3°13	14°10	9°37	10°31	16°58	10°12	9°28	12°14	27°45	S 9
S 10	17 51 33	28° 8'22	16° 5	23°26	16°37	23°46	3°22	14°16	9°35	10°33	16°57	10°13	9°24	12°21	27°43	S 10
M11	17 55 29	29° 5'32	27°57	24°33	17°51	24°29	3°30	14°22	9°33	10°35	16°57	10°14	9°21	12°28	27°40	M11
T 12	17 59 26	0♋ 2'43	9♐55	25°37	19° 4	25°12	3°39	14°28	9°31	10°37	16°57	10°R15	9°18	12°34	27°37	T 12
W13	18 3 23	0°59'53	22° 1	26°38	20°18	25°55	3°47	14°35	9°28	10°39	16°57	10°14	9°15	12°41	27°34	W13
T 14	18 7 19	1°57'03	4♉19	27°36	21°31	26°38	3°56	14°41	9°26	10°42	16°57	10°13	9°12	12°48	27°31	T 14
F 15	18 11 16	2°54'13	16°48	28°31	22°44	27°21	4° 5	14°47	9°24	10°44	16°57	10°10	9° 9	12°54	27°28	F 15
S 16	18 15 12	3°51'23	29°31	29°22	23°58	28° 3	4°14	14°54	9°22	10°46	16°57	10° 7	9° 5	13° 1	27°25	S 16
S 17	18 19 9	4°48'32	12♒28	0♌ 9	25°11	28°46	4°23	15° 0	9°20	10°48	16°56	10° 3	9° 2	13° 8	27°22	S 17
M18	18 23 5	5°45'42	25°38	0°53	26°25	29°29	4°33	15° 6	9°17	10°50	16°56	10° 0	8°59	13°14	27°18	M18
T 19	18 27 2	6°42'53	9♓ 2	1°33	27°38	0♉11	4°42	15°13	9°15	10°52	16°56	9°57	8°56	13°21	27°15	T 19
W20	18 30 58	7°40'03	22°41	2° 9	28°52	0°54	4°51	15°20	9°13	10°54	16°56	9°54	8°53	13°28	27°12	W20
T 21	18 34 55	8°37'14	6♈33	2°42	0♋ 6	1°36	5° 1	15°26	9°11	10°56	16°55	9°D54	8°49	13°34	27° 9	T 21
F 22	18 38 52	9°34'25	20°38	3°10	1°19	2°18	5°11	15°33	9° 9	10°58	16°55	9°54	8°46	13°41	27° 5	F 22
S 23	18 42 48	10°31'37	4♉54	3°34	2°33	3° 0	5°20	15°40	9° 7	11° 0	16°55	9°55	8°43	13°48	27° 2	S 23
S 24	18 46 45	11°28'49	19°21	3°53	3°46	3°42	5°30	15°46	9° 5	11° 2	16°54	9°57	8°40	13°54	26°59	S 24
M25	18 50 41	12°26'02	3♊53	4° 8	5° 0	4°24	5°40	15°53	9° 3	11° 4	16°54	9°R58	8°37	14° 1	26°56	M25
T 26	18 54 38	13°23'15	18°27	4°18	6°14	5° 6	5°50	16° 0	9° 1	11° 6	16°54	9°57	8°34	14° 8	26°52	T 26
W27	18 58 34	14°20'29	2♋58	4°24	7°27	5°48	6° 0	16° 7	8°59	11° 8	16°53	9°56	8°30	14°14	26°49	W27
T 28	19 2 31	15°17'43	17°19	4°R25	8°41	6°30	6°10	16°14	8°58	11°10	16°53	9°52	8°27	14°21	26°45	T 28
F 29	19 6 27	16°14'57	1♌25	4°21	9°55	7°11	6°21	16°21	8°56	11°12	16°52	9°48	8°24	14°28	26°42	F 29
S 30	19 10 24	17♋12'11	15♌11	4♌12	11♋ 8	7♉53	6♍31	16♌28	8♐54	11♊14	16♓52	9♐42	8♐21	14♏34	26♉39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	17n56	3s37	24n56	1n55	20n38	0s40	5n19	1s35	11n49	1n10	17n55	1n 8	21s58	0n 1	20n35	1s28	19s 4	15s 9	22s 2	21s59	17s37	13s19	7n25
S 2	23 9	14 16	4 26	24 43	1 51	20 53	0 38	5 36	1 35	11 46	1 10	17 54	1 8	21 58	0 1	20 35	1 28	19 4	15 10	22 2	21 59	17 38	13 19	7 25
S 3	23 13	9 58	4 58	24 30	1 47	21 7	0 35	5 53	1 35	11 43	1 10	17 52	1 8	21 58	0 1	20 35	1 28	19 4	15 10	22 2	21 58	17 39	13 19	7 26
M 4	23 17	5 21	5 15	24 15	1 41	21 21	0 33	6 10	1 34	11 40	1 10	17 51	1 8	21 57	0 1	20 36	1 28	19 5	15 10	22 1	21 58	17 41	13 19	7 26
T 5	23 20	0 39	5 15	23 58	1 35	21 34	0 31	6 26	1 34	11 37	1 10	17 49	1 8	21 57	0 1	20 36	1 28	19 5	15 11	22 1	21 57	17 42	13 20	7 26
W 6	23 22	3s59	5 1	23 41	1 29	21 47	0 28	6 43	1 34	11 34	1 9	17 47	1 8	21 57	0 1	20 36	1 28	19 5	15 11	22 1	21 57	17 43	13 20	7 27
T 7	23 25	8 22	4 34	23 23	1 22	21 58	0 26	6 59	1 34	11 31	1 9	17 46	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 1	21 56	17 45	13 20	7 27
F 8	23 26	12 23	3 55	23 3	1 14	22 10	0 24	7 15	1 34	11 28	1 9	17 44	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 2	21 56	17 46	13 20	7 27
S 9	23 28	15 53	3 6	22 44	1 5	22 20	0 21	7 32	1 34	11 25	1 9	17 42	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 2	21 55	17 47	13 20	7 28
S 10	23 29	18 45	2 10	22 23	0 56	22 30	0 19	7 48	1 34	11 22	1 9	17 40	1 8	21 55	0 1	20 37	1 28	19 7	15 13	22 2	21 55	17 49	13 21	7 28
M11	23 29	20 51	1 7	22 2	0 47	22 40	0 16	8 4	1 33	11 19	1 9	17 38	1 8	21 55	0 1	20 38	1 28	19 7	15 13	22 2	21 54	17 50	13 21	7 28
T 12	23 30	22 1	0 2	21 40	0 37	22 49	0 14	8 20	1 33	11 16	1 9	17 37	1 8	21 55	0 1	20 38	1 28	19 8	15 13	22 2	21 54	17 51	13 21	7 28
W13	23 29	22 11	1n 5	21 18	0 26	22 57	0 12	8 35	1 33	11 12	1 9	17 35	1 8	21 54	0 1	20 38	1 28	19 8	15 14	22 2	21 53	17 53	13 22	7 29
T 14	23 29	21 17	2 9	20 56	0 15	23 4	0 9	8 51	1 33	11 9	1 8	17 33	1 8	21 54	0 1	20 39	1 28	19 8	15 14	22 2	21 53	17 54	13 22	7 29
F 15	23 28	19 20	3 8	20 34	0 3	23 11	0 7	9 7	1 33	11 6	1 8	17 31	1 8	21 54	0 1	20 39	1 28	19 9	15 15	22 2	21 52	17 55	13 22	7 29
S 16	23 26	16 24	3 59	20 11	0s 9	23 17	0 4	9 22	1 32	11 2	1 8	17 29	1 8	21 53	0 1	20 39	1 28	19 9	15 15	22 1	21 52	17 56	13 23	7 29
S 17	23 24	12 39	4 38	19 49	0 21	23 23	0 2	9 38	1 32	10 59	1 8	17 27	1 8	21 53	0 1	20 39	1 28	19 10	15 15	22 1	21 51	17 58	13 23	7 30
M18	23 22	8 14	5 4	19 27	0 34	23 27	0n 1	9 53	1 32	10 55	1 8	17 25	1 8	21 53	0 1	20 40	1 28	19 10	15 16	22 0	21 51	17 59	13 23	7 30
T 19	23 19	3 21	5 14	19 5	0 48	23 31	0 3	10 8	1 32	10 52	1 8	17 24	1 8	21 52	0 1	20 40	1 28	19 10	15 16	22 0	21 50	18 0	13 24	7 30
W20	23 16	1n46	5 6	18 43	1 2	23 35	0 5	10 23	1 31	10 48	1 8	17 22	1 8	21 52	0 1	20 40	1 28	19 11	15 16	21 59	21 50	18 2	13 24	7 30
T 21	23 13	6 54	4 41	18 23	1 16	23 38	0 8	10 38	1 31	10 45	1 8	17 20	1 8	21 52	0 1	20 41	1 28	19 11	15 17	21 59	21 49	18 3	13 24	7 30
F 22	23 9	11 45	3 58	18 2	1 30	23 40	0 10	10 53	1 31	10 41	1 7	17 18	1 8	21 52	0 1	20 41	1 28	19 12	15 17	21 59	21 49	18 4	13 25	7 31
S 23	23 5	16 1	3 0	17 43	1 44	23 41	0 13	11 8	1 30	10 37	1 7	17 16	1 8	21 51	0 1	20 41	1 28	19 12	15 17	21 59	21 48	18 5	13 25	7 31
S 24	23 0	19 23	1 51	17 24	1 59	23 41	0 15	11 22	1 30	10 33	1 7	17 14	1 8	21 51	0 1	20 41	1 28	19 13	15 18	22 0	21 48	18 7	13 26	7 31
M25	22 55	21 31	0 33	17 6	2 14	23 41	0 17	11 37	1 30	10 30	1 7	17 12	1 8	21 51	0 1	20 42	1 28	19 13	15 18	22 0	21 47	18 8	13 26	7 31
T 26	22 49	22 13	0s46	16 49	2 29	23 40	0 20	11 51	1 29	10 26	1 7	17 10	1 8	21 50	0 1	20 42	1 28	19 14	15 18	22 0	21 47	18 9	13 27	7 31
W27	22 43	21 25	2 2	16 33	2 43	23 39	0 22	12 5	1 29	10 22	1 7	17 8	1 8	21 50	0 1	20 42	1 29	19 14	15 19	21 59	21 46	18 10	13 27	7 31
T 28	22 37	19 14	3 10	16 19	2 58	23 37	0 24	12 19	1 29	10 18	1 7	17 5	1 8	21 50	0 1	20 42	1 29	19 15	15 19	21 59	21 46	18 11	13 28	7 31
F 29	22 30	15 55	4 4	16 6	3 12	23 34	0 27	12 33	1 28	10 14	1 7	17 3	1 8	21 50	0 1	20 43	1 29	19 15	15 19	21 58	21 45	18 13	13 28	7 32
S 30	22n23	11n49	4s43	15n55	3s26	23n30	0n29	12n47	1s28	10n10	1n 7	17n 1	1n 8	21s49	0n 1	20n43	1s29	19s16	15s20	21s57	21s45	18s14	13s29	7n32

Julian Day Number = 2292825.5, Delta T = 147.59 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'33, Lahiri = 17°47'34 Julian Calendar 1 June 1565 == Greg. Calendar 11 June 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

JULY 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 14 21	18♋ 9'26	28♌35	3°R58	12♋22	8♉34	6♍41	16♌35	8°R52	11♊16	16°R51	9°R36	8♐18	14♏41	26°R35	S 1
M 2	19 18 17	19° 6'41	11♍36	3♌40	13°36	9°15	6°52	16°42	8♐51	11°18	16♓51	9♐30	8°15	14°47	26♑32	M 2
T 3	19 22 14	20° 3'56	24°15	3°18	14°50	9°56	7° 2	16°49	8°49	11°19	16°50	9°26	8°11	14°54	26°28	T 3
W 4	19 26 10	21° 1'12	6♎36	2°51	16° 3	10°37	7°13	16°56	8°47	11°21	16°49	9°23	8° 8	15° 1	26°25	W 4
T 5	19 30 7	21°58'27	18°41	2°20	17°17	11°18	7°24	17° 3	8°46	11°23	16°49	9°D22	8° 5	15° 7	26°21	T 5
F 6	19 34 3	22°55'43	0♏36	1°46	18°31	11°59	7°35	17°10	8°44	11°25	16°48	9°22	8° 2	15°14	26°18	F 6
S 7	19 38 0	23°53'00	12°26	1° 8	19°45	12°40	7°46	17°18	8°43	11°27	16°48	9°23	7°59	15°21	26°14	S 7
S 8	19 41 56	24°50'16	24°16	0°28	20°59	13°20	7°56	17°25	8°41	11°28	16°47	9°25	7°55	15°27	26°11	S 8
M 9	19 45 53	25°47'34	6♐10	29♋46	22°13	14° 1	8° 8	17°32	8°40	11°30	16°46	9°R26	7°52	15°34	26° 7	M 9
T 10	19 49 50	26°44'51	18°13	29° 4	23°26	14°41	8°19	17°40	8°39	11°32	16°46	9°25	7°49	15°41	26° 4	T 10
W11	19 53 46	27°42'10	0♑29	28°20	24°40	15°21	8°30	17°47	8°37	11°33	16°45	9°23	7°46	15°47	26° 0	W11
T 12	19 57 43	28°39'29	13° 0	27°37	25°54	16° 1	8°41	17°54	8°36	11°35	16°44	9°19	7°43	15°54	25°57	T 12
F 13	20 1 39	29°36'48	25°48	26°55	27° 8	16°41	8°52	18° 2	8°35	11°37	16°43	9°13	7°40	16° 1	25°53	F 13
S 14	20 5 36	0♌34'09	8♒52	26°15	28°22	17°21	9° 4	18° 9	8°33	11°38	16°43	9° 5	7°36	16° 7	25°50	S 14
S 15	20 9 32	1°31'30	22°12	25°38	29°36	18° 1	9°15	18°16	8°32	11°40	16°42	8°56	7°33	16°14	25°46	S 15
M16	20 13 29	2°28'52	5♓46	25° 4	0♌50	18°40	9°27	18°24	8°31	11°42	16°41	8°47	7°30	16°21	25°43	M16
T 17	20 17 25	3°26'15	19°31	24°34	2° 4	19°20	9°38	18°31	8°30	11°43	16°40	8°40	7°27	16°27	25°40	T 17
W18	20 21 22	4°23'39	3♈25	24° 8	3°18	19°59	9°50	18°39	8°29	11°45	16°39	8°34	7°24	16°34	25°36	W18
T 19	20 25 19	5°21'05	17°25	23°48	4°32	20°38	10° 1	18°46	8°28	11°46	16°39	8°31	7°20	16°41	25°33	T 19
F 20	20 29 15	6°18'31	1♉31	23°34	5°46	21°18	10°13	18°54	8°27	11°48	16°38	8°D29	7°17	16°47	25°29	F 20
S 21	20 33 12	7°16'00	15°39	23°25	7° 0	21°56	10°25	19° 1	8°26	11°49	16°37	8°29	7°14	16°54	25°26	S 21
S 22	20 37 8	8°13'29	29°49	23°D23	8°14	22°35	10°37	19° 9	8°25	11°50	16°36	8°30	7°11	17° 1	25°23	S 22
M23	20 41 5	9°11'00	14♊ 0	23°28	9°28	23°14	10°49	19°17	8°25	11°52	16°35	8°R30	7° 8	17° 7	25°19	M23
T 24	20 45 1	10° 8'33	28°10	23°39	10°42	23°52	11° 1	19°24	8°24	11°53	16°34	8°29	7° 5	17°14	25°16	T 24
W25	20 48 58	11° 6'06	12♋15	23°57	11°57	24°31	11°13	19°32	8°23	11°55	16°33	8°25	7° 1	17°21	25°13	W25
T 26	20 52 54	12° 3'41	26°13	24°23	13°11	25° 9	11°25	19°39	8°22	11°56	16°32	8°18	6°58	17°27	25° 9	T 26
F 27	20 56 51	13° 1'18	9♌59	24°55	14°25	25°47	11°37	19°47	8°22	11°57	16°31	8° 9	6°55	17°34	25° 6	F 27
S 28	21 0 48	13°58'55	23°31	25°34	15°39	26°25	11°49	19°55	8°21	11°58	16°30	7°59	6°52	17°41	25° 3	S 28
S 29	21 4 44	14°56'33	6♍44	26°19	16°53	27° 2	12° 1	20° 2	8°21	12° 0	16°29	7°48	6°49	17°47	25° 0	S 29
M30	21 8 41	15°54'13	19°39	27°12	18° 7	27°40	12°13	20°10	8°20	12° 1	16°28	7°37	6°46	17°54	24°56	M30
T 31	21 12 37	16♌51'54	2♎15	28♋11	19♌22	28♉17	12♍25	20♌18	8♐20	12♊ 2	16♓27	7♐28	6♐42	18♏ 0	24♑53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n16	7n13	5s 5	15n45	3s40	23n26	0n31	13n 1	1s27	10n 6	1n 7	16n59	1n 8	21s49	0n 1	20n43	1s29	19s16	15s20	21s56	21s44	18s15	13s29	7n32
M 2	22 8	2 27	5 10	15 37	3 52	23 21	0 33	13 14	1 27	10 2	1 6	16 57	1 8	21 49	0 1	20 43	1 29	19 17	15 20	21 56	21 44	18 16	13 30	7 32
T 3	21 59	2s19	5 0	15 30	4 4	23 15	0 35	13 28	1 27	9 58	1 6	16 55	1 8	21 49	0 1	20 44	1 29	19 17	15 21	21 55	21 43	18 18	13 30	7 32
W 4	21 51	6 51	4 36	15 25	4 15	23 9	0 38	13 41	1 26	9 54	1 6	16 53	1 8	21 48	0 1	20 44	1 29	19 18	15 21	21 55	21 43	18 19	13 31	7 32
T 5	21 42	11 3	4 1	15 22	4 25	23 2	0 40	13 54	1 26	9 50	1 6	16 51	1 8	21 48	0 1	20 44	1 29	19 18	15 21	21 54	21 42	18 20	13 32	7 32
F 6	21 32	14 45	3 15	15 21	4 34	22 54	0 42	14 7	1 25	9 46	1 6	16 48	1 8	21 48	0 1	20 44	1 29	19 19	15 22	21 54	21 42	18 21	13 32	7 32
S 7	21 23	17 51	2 21	15 22	4 42	22 46	0 44	14 20	1 25	9 42	1 6	16 46	1 8	21 48	0 1	20 44	1 29	19 19	15 22	21 55	21 41	18 22	13 33	7 32
S 8	21 13	20 12	1 21	15 25	4 48	22 36	0 46	14 32	1 24	9 38	1 6	16 44	1 8	21 47	0 1	20 45	1 29	19 20	15 22	21 55	21 41	18 23	13 33	7 32
M 9	21 2	21 41	0 18	15 29	4 52	22 27	0 48	14 45	1 24	9 34	1 6	16 42	1 8	21 47	0 1	20 45	1 29	19 20	15 23	21 55	21 40	18 25	13 34	7 32
T 10	20 51	22 11	0n47	15 35	4 55	22 16	0 50	14 57	1 23	9 29	1 6	16 40	1 8	21 47	0 1	20 45	1 29	19 21	15 23	21 55	21 40	18 26	13 35	7 32
W11	20 40	21 38	1 51	15 43	4 56	22 5	0 52	15 10	1 23	9 25	1 6	16 37	1 8	21 47	0 1	20 45	1 29	19 21	15 23	21 55	21 39	18 27	13 35	7 32
T 12	20 29	20 1	2 51	15 52	4 55	21 53	0 53	15 22	1 22	9 21	1 6	16 35	1 8	21 47	0 1	20 45	1 29	19 22	15 24	21 54	21 39	18 28	13 36	7 32
F 13	20 17	17 23	3 43	16 2	4 52	21 41	0 55	15 34	1 22	9 16	1 6	16 33	1 9	21 46	0 1	20 46	1 29	19 23	15 24	21 53	21 38	18 29	13 37	7 32
S 14	20 5	13 49	4 25	16 14	4 48	21 28	0 57	15 45	1 21	9 12	1 6	16 31	1 9	21 46	0 1	20 46	1 29	19 23	15 24	21 52	21 38	18 30	13 37	7 32
S 15	19 52	9 31	4 53	16 27	4 42	21 14	0 59	15 57	1 20	9 8	1 5	16 28	1 9	21 46	0 1	20 46	1 29	19 24	15 24	21 50	21 37	18 32	13 38	7 32
M16	19 39	4 41	5 6	16 40	4 34	21 0	1 0	16 8	1 20	9 3	1 5	16 26	1 9	21 46	0 1	20 46	1 29	19 24	15 25	21 49	21 37	18 33	13 39	7 32
T 17	19 26	0n27	5 1	16 55	4 25	20 45	1 2	16 20	1 19	8 59	1 5	16 24	1 9	21 46	0 1	20 46	1 29	19 25	15 25	21 48	21 36	18 34	13 39	7 32
W18	19 12	5 37	4 38	17 9	4 14	20 30	1 4	16 31	1 19	8 54	1 5	16 22	1 9	21 46	0 1	20 47	1 29	19 25	15 25	21 47	21 36	18 35	13 40	7 32
T 19	18 59	10 32	3 59	17 25	4 3	20 14	1 5	16 42	1 18	8 50	1 5	16 19	1 9	21 45	0 1	20 47	1 29	19 26	15 25	21 46	21 35	18 36	13 41	7 31
F 20	18 44	14 55	3 5	17 40	3 50	19 57	1 7	16 53	1 17	8 46	1 5	16 17	1 9	21 45	0 1	20 47	1 29	19 27	15 26	21 46	21 35	18 37	13 41	7 31
S 21	18 30	18 28	1 59	17 55	3 36	19 40	1 8	17 4	1 17	8 41	1 5	16 15	1 9	21 45	0 1	20 47	1 29	19 27	15 26	21 46	21 34	18 38	13 42	7 31
S 22	18 15	20 55	0 46	18 10	3 21	19 22	1 10	17 14	1 16	8 36	1 5	16 12	1 9	21 45	0 1	20 47	1 29	19 28	15 26	21 46	21 34	18 40	13 43	7 31
M23	18 0	22 3	0s29	18 24	3 5	19 4	1 11	17 24	1 15	8 32	1 5	16 10	1 9	21 45	0 1	20 47	1 29	19 28	15 26	21 46	21 33	18 41	13 44	7 31
T 24	17 45	21 46	1 43	18 38	2 50	18 45	1 12	17 35	1 15	8 27	1 5	16 8	1 9	21 45	0 1	20 47	1 29	19 29	15 27	21 46	21 33	18 42	13 44	7 31
W25	17 29	20 6	2 50	18 51	2 33	18 25	1 13	17 45	1 14	8 23	1 5	16 5	1 9	21 45	0 1	20 48	1 29	19 29	15 27	21 46	21 32	18 43	13 45	7 31
T 26	17 13	17 16	3 46	19 3	2 17	18 5	1 15	17 55	1 13	8 18	1 5	16 3	1 9	21 45	0 1	20 48	1 29	19 30	15 27	21 45	21 31	18 44	13 46	7 30
F 27	16 57	13 29	4 28	19 14	2 0	17 45	1 16	18 4	1 13	8 13	1 5	16 1	1 9	21 45	0 1	20 48	1 29	19 31	15 27	21 43	21 31	18 45	13 47	7 30
S 28	16 40	9 6	4 53	19 23	1 43	17 24	1 17	18 14	1 12	8 9	1 5	15 58	1 9	21 44	0 1	20 48	1 29	19 31	15 28	21 41	21 30	18 46	13 47	7 30
S 29	16 23	4 22	5 3	19 31	1 27	17 3	1 18	18 23	1 11	8 4	1 5	15 56	1 9	21 44	0 1	20 48	1 29	19 32	15 28	21 40	21 30	18 47	13 48	7 30
M30	16 6	0s26	4 56	19 37	1 10	16 41	1 19	18 33	1 10	7 59	1 5	15 54	1 9	21 44	0 1	20 48	1 30	19 32	15 28	21 38	21 29	18 48	13 49	7 30
T 31	15n49	5s 6	4s35	19n41	0s54	16n18	1n20	18n42	1s 9	7n55	1n 5	15n51	1n 9	21s44	0n 1	20n48	1s30	19s33	15s28	21s36	21s29	18s49	13s50	7n29

Julian Day Number = 2292855.5, Delta T = 147.42 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'37, Lahiri = 17°47'38 Julian Calendar 1 July 1565 == Greg. Calendar 11 July 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

AUGUST 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 16 34	17♌49'36	14♎33	29♋16	20♌36	28♉54	12♍38	20♌25	8°R19	12♊ 3	16°R26	7°R21	6♐39	18♏ 7	24°R50	W 1
T 2	21 20 30	18°47'19	26°37	0♌28	21°50	29°32	12°50	20°33	8♐19	12° 4	16♓25	7♐17	6°36	18°14	24♑47	T 2
F 3	21 24 27	19°45'03	8♏32	1°45	23° 4	0♊ 8	13° 2	20°41	8°19	12° 5	16°24	7°14	6°33	18°20	24°44	F 3
S 4	21 28 23	20°42'48	20°21	3° 7	24°19	0°45	13°15	20°48	8°19	12° 6	16°23	7°D14	6°30	18°27	24°41	S 4
S 5	21 32 20	21°40'35	2♐10	4°35	25°33	1°22	13°27	20°56	8°19	12° 8	16°22	7°R14	6°26	18°34	24°38	S 5
M 6	21 36 17	22°38'23	14° 6	6° 8	26°47	1°58	13°40	21° 4	8°18	12° 9	16°21	7°14	6°23	18°40	24°35	M 6
T 7	21 40 13	23°36'12	26°12	7°45	28° 2	2°34	13°52	21°11	8°18	12°10	16°20	7°13	6°20	18°47	24°32	T 7
W 8	21 44 10	24°34'02	8♑34	9°26	29°16	3°10	14° 5	21°19	8°D18	12°10	16°19	7° 9	6°17	18°54	24°30	W 8
T 9	21 48 6	25°31'53	21°14	11°10	0♍30	3°46	14°17	21°26	8°18	12°11	16°17	7° 3	6°14	19° 0	24°27	T 9
F 10	21 52 3	26°29'46	4♒16	12°58	1°45	4°21	14°30	21°34	8°19	12°12	16°16	6°54	6°11	19° 7	24°24	F 10
S 11	21 55 59	27°27'40	17°40	14°48	2°59	4°57	14°43	21°42	8°19	12°13	16°15	6°44	6° 7	19°14	24°21	S 11
S 12	21 59 56	28°25'36	1♓23	16°40	4°13	5°32	14°55	21°49	8°19	12°14	16°14	6°32	6° 4	19°20	24°19	S 12
M13	22 3 52	29°23'34	15°23	18°34	5°28	6° 7	15° 8	21°57	8°19	12°15	16°13	6°20	6° 1	19°27	24°16	M13
T 14	22 7 49	0♍21'33	29°34	20°30	6°42	6°42	15°21	22° 5	8°19	12°15	16°12	6°10	5°58	19°34	24°14	T 14
W15	22 11 46	1°19'33	13♈52	22°26	7°56	7°16	15°34	22°12	8°20	12°16	16°10	6° 1	5°55	19°40	24°11	W15
T 16	22 15 42	2°17'36	28°11	24°23	9°11	7°50	15°46	22°20	8°20	12°17	16° 9	5°56	5°52	19°47	24° 9	T 16
F 17	22 19 39	3°15'41	12♉28	26°20	10°25	8°25	15°59	22°27	8°21	12°18	16° 8	5°53	5°48	19°54	24° 6	F 17
S 18	22 23 35	4°13'47	26°39	28°18	11°40	8°59	16°12	22°35	8°21	12°18	16° 7	5°52	5°45	20° 0	24° 4	S 18
S 19	22 27 32	5°11'56	10♊44	0♍15	12°54	9°32	16°25	22°42	8°22	12°19	16° 6	5°52	5°42	20° 7	24° 2	S 19
M20	22 31 28	6°10'07	24°42	2°12	14° 8	10° 6	16°38	22°50	8°22	12°19	16° 5	5°52	5°39	20°14	24° 0	M20
T 21	22 35 25	7° 8'20	8♋33	4° 8	15°23	10°39	16°50	22°57	8°23	12°20	16° 3	5°49	5°36	20°20	23°57	T 21
W22	22 39 21	8° 6'35	22°15	6° 4	16°37	11°12	17° 3	23° 5	8°24	12°20	16° 2	5°44	5°32	20°27	23°55	W22
T 23	22 43 18	9° 4'52	5♌48	7°59	17°52	11°45	17°16	23°12	8°24	12°21	16° 1	5°37	5°29	20°33	23°53	T 23
F 24	22 47 15	10° 3'11	19°10	9°53	19° 6	12°17	17°29	23°20	8°25	12°21	16° 0	5°26	5°26	20°40	23°51	F 24
S 25	22 51 11	11° 1'32	2♍20	11°46	20°21	12°50	17°42	23°27	8°26	12°22	15°58	5°14	5°23	20°47	23°49	S 25
S 26	22 55 8	11°59'54	15°17	13°38	21°35	13°21	17°55	23°35	8°27	12°22	15°57	5° 1	5°20	20°53	23°47	S 26
M27	22 59 4	12°58'19	27°58	15°29	22°50	13°53	18° 8	23°42	8°28	12°22	15°56	4°48	5°17	21° 0	23°46	M27
T 28	23 3 1	13°56'45	10♎24	17°19	24° 4	14°25	18°21	23°50	8°29	12°23	15°55	4°37	5°13	21° 7	23°44	T 28
W29	23 6 57	14°55'13	22°36	19° 8	25°19	14°56	18°34	23°57	8°30	12°23	15°54	4°28	5°10	21°13	23°42	W29
T 30	23 10 54	15°53'43	4♏37	20°56	26°33	15°27	18°47	24° 4	8°31	12°23	15°52	4°22	5° 7	21°20	23°41	T 30
F 31	23 14 50	16♍52'14	16♏29	22♍43	27♍48	15♊57	19♍ 0	24♌11	8♐32	12♊23	15♓51	4♐19	5♐ 4	21♏27	23♑39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n31	9s28	4s 2	19n43	0s39	15n56	1n20	18n51	1s 9	7n50	1n 5	15n49	1n10	21s44	0n 1	20n48	1s30	19s34	15s28	21s35	21s28	18s50	13s50	7n29
T 2	15 14	13 22	3 18	19 43	0 24	15 32	1 21	18 59	1 8	7 45	1 5	15 46	1 10	21 44	0 0	20 49	1 30	19 34	15 29	21 35	21 28	18 52	13 51	7 29
F 3	14 56	16 41	2 26	19 40	0 9	15 9	1 22	19 8	1 7	7 40	1 4	15 44	1 10	21 44	0 0	20 49	1 30	19 35	15 29	21 34	21 27	18 53	13 52	7 29
S 4	14 37	19 18	1 29	19 35	0n 5	14 45	1 22	19 16	1 6	7 35	1 4	15 42	1 10	21 44	0 0	20 49	1 30	19 35	15 29	21 34	21 27	18 54	13 53	7 28
S 5	14 19	21 5	0 27	19 27	0 18	14 20	1 23	19 25	1 5	7 31	1 4	15 39	1 10	21 44	0 0	20 49	1 30	19 36	15 29	21 34	21 26	18 55	13 53	7 28
M 6	14 0	21 57	0n36	19 16	0 30	13 55	1 24	19 33	1 5	7 26	1 4	15 37	1 10	21 44	0 0	20 49	1 30	19 37	15 29	21 34	21 26	18 56	13 54	7 28
T 7	13 41	21 47	1 39	19 2	0 41	13 30	1 24	19 41	1 4	7 21	1 4	15 35	1 10	21 44	0 0	20 49	1 30	19 37	15 30	21 34	21 25	18 57	13 55	7 28
W 8	13 22	20 35	2 38	18 46	0 52	13 4	1 24	19 49	1 3	7 16	1 4	15 32	1 10	21 44	0 0	20 49	1 30	19 38	15 30	21 33	21 24	18 58	13 56	7 27
T 9	13 2	18 20	3 31	18 27	1 2	12 38	1 25	19 56	1 2	7 11	1 4	15 30	1 10	21 44	0 0	20 49	1 30	19 38	15 30	21 32	21 24	18 59	13 57	7 27
F 10	12 43	15 7	4 14	18 5	1 10	12 12	1 25	20 4	1 1	7 6	1 4	15 27	1 10	21 44	0 0	20 49	1 30	19 39	15 30	21 31	21 23	19 0	13 57	7 27
S 11	12 23	11 3	4 45	17 40	1 18	11 45	1 25	20 11	1 0	7 1	1 4	15 25	1 10	21 44	0 0	20 49	1 30	19 40	15 30	21 29	21 23	19 1	13 58	7 26
S 12	12 3	6 20	5 0	17 13	1 25	11 18	1 25	20 18	0 59	6 56	1 4	15 23	1 10	21 44	0 0	20 49	1 30	19 40	15 30	21 27	21 22	19 2	13 59	7 26
M13	11 43	1 12	4 57	16 44	1 31	10 51	1 25	20 25	0 58	6 51	1 4	15 20	1 10	21 44	0 0	20 50	1 30	19 41	15 30	21 25	21 22	19 3	14 0	7 26
T 14	11 22	4n 3	4 36	16 12	1 35	10 24	1 25	20 32	0 57	6 47	1 4	15 18	1 11	21 44	0 0	20 50	1 30	19 41	15 31	21 23	21 21	19 4	14 0	7 25
W15	11 2	9 8	3 58	15 38	1 39	9 56	1 25	20 39	0 56	6 42	1 4	15 15	1 11	21 44	0 0	20 50	1 30	19 42	15 31	21 22	21 21	19 5	14 1	7 25
T 16	10 41	13 44	3 5	15 2	1 43	9 28	1 25	20 46	0 55	6 37	1 4	15 13	1 11	21 44	0 0	20 50	1 30	19 42	15 31	21 21	21 20	19 6	14 2	7 25
F 17	10 20	17 31	2 0	14 24	1 45	8 59	1 25	20 52	0 54	6 32	1 4	15 11	1 11	21 45	0 0	20 50	1 30	19 43	15 31	21 20	21 19	19 7	14 3	7 24
S 18	9 59	20 14	0 49	13 45	1 46	8 31	1 25	20 58	0 53	6 27	1 4	15 8	1 11	21 45	0 0	20 50	1 30	19 44	15 31	21 20	21 19	19 8	14 4	7 24
S 19	9 38	21 41	0s26	13 5	1 47	8 2	1 24	21 5	0 52	6 22	1 4	15 6	1 11	21 45	0 0	20 50	1 30	19 44	15 31	21 20	21 18	19 9	14 4	7 23
M20	9 16	21 45	1 38	12 23	1 47	7 33	1 24	21 11	0 51	6 17	1 4	15 3	1 11	21 45	0 0	20 50	1 30	19 45	15 31	21 20	21 18	19 10	14 5	7 23
T 21	8 55	20 30	2 44	11 40	1 46	7 3	1 23	21 16	0 50	6 12	1 4	15 1	1 11	21 45	0 0	20 50	1 30	19 45	15 31	21 20	21 17	19 11	14 6	7 23
W22	8 33	18 3	3 39	10 56	1 45	6 34	1 23	21 22	0 49	6 7	1 4	14 59	1 11	21 45	0 0	20 50	1 30	19 46	15 31	21 19	21 17	19 12	14 7	7 22
T 23	8 11	14 39	4 21	10 12	1 43	6 4	1 22	21 28	0 48	6 2	1 4	14 56	1 11	21 45	0 0	20 50	1 31	19 46	15 31	21 17	21 16	19 13	14 7	7 22
F 24	7 49	10 32	4 49	9 26	1 41	5 34	1 22	21 33	0 47	5 56	1 4	14 54	1 12	21 45	0 0	20 50	1 31	19 47	15 31	21 16	21 16	19 14	14 8	7 21
S 25	7 27	6 0	5 0	8 41	1 38	5 4	1 21	21 38	0 45	5 51	1 4	14 52	1 12	21 45	0 0	20 50	1 31	19 47	15 32	21 13	21 15	19 15	14 9	7 21
S 26	7 5	1 16	4 56	7 54	1 35	4 34	1 20	21 43	0 44	5 46	1 4	14 49	1 12	21 46	0 0	20 50	1 31	19 48	15 32	21 11	21 14	19 16	14 9	7 21
M27	6 42	3s25	4 37	7 8	1 31	4 4	1 19	21 49	0 43	5 41	1 4	14 47	1 12	21 46	0 0	20 50	1 31	19 48	15 32	21 9	21 14	19 17	14 10	7 20
T 28	6 20	7 53	4 5	6 21	1 27	3 34	1 18	21 53	0 42	5 36	1 4	14 45	1 12	21 46	0 0	20 50	1 31	19 49	15 32	21 7	21 13	19 17	14 11	7 20
W29	5 57	11 56	3 22	5 34	1 22	3 3	1 17	21 58	0 41	5 31	1 4	14 42	1 12	21 46	0 0	20 50	1 31	19 49	15 32	21 5	21 13	19 18	14 12	7 19
T 30	5 35	15 27	2 31	4 47	1 17	2 32	1 16	22 3	0 39	5 26	1 4	14 40	1 12	21 46	0 0	20 50	1 31	19 50	15 32	21 4	21 12	19 19	14 12	7 19
F 31	5n12	18s17	1s33	4n 0	1n12	2n 2	1n15	22n 7	0s38	5n21	1n 4	14n38	1n12	21s47	0n 0	20n50	1s31	19s50	15s32	21s 3	21s12	19s20	14s13	7n18

Julian Day Number = 2292886.5, Delta T = 147.25 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'42, Lahiri = 17°47'42 Julian Calendar 1 Aug. 1565 == Greg. Calendar 11 Aug. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

SEPTEMBER 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 18 47	17♍50'47	28♏16	24♍29	29♍ 2	16♊28	19♍13	24♌19	8♐34	12♊24	15°R50	4°R17	5♐ 1	21♏33	23°R38	S 1
S 2	23 22 43	18°49'22	10♐ 4	26°14	0♎17	16°58	19°26	24°26	8°35	12°24	15♓49	4°D17	4°58	21°40	23♑36	S 2
M 3	23 26 40	19°47'59	21°58	27°58	1°31	17°27	19°39	24°33	8°36	12°24	15°47	4°R17	4°54	21°47	23°35	M 3
T 4	23 30 37	20°46'37	4♑ 4	29°40	2°46	17°57	19°52	24°40	8°38	12°24	15°46	4♐17	4°51	21°53	23°34	T 4
W 5	23 34 33	21°45'17	16°26	1♎22	4° 0	18°26	20° 5	24°47	8°39	12°24	15°45	4°14	4°48	22° 0	23°32	W 5
T 6	23 38 30	22°43'59	29°10	3° 3	5°15	18°55	20°18	24°55	8°40	12°R24	15°44	4° 9	4°45	22° 7	23°31	T 6
F 7	23 42 26	23°42'43	12♒19	4°42	6°29	19°23	20°31	25° 2	8°42	12°24	15°43	4° 2	4°42	22°13	23°30	F 7
S 8	23 46 23	24°41'28	25°53	6°21	7°44	19°51	20°44	25° 9	8°43	12°24	15°41	3°52	4°38	22°20	23°29	S 8
S 9	23 50 19	25°40'15	9♓52	7°59	8°58	20°19	20°57	25°16	8°45	12°24	15°40	3°42	4°35	22°26	23°28	S 9
M10	23 54 16	26°39'04	24°12	9°36	10°13	20°47	21°10	25°22	8°47	12°24	15°39	3°31	4°32	22°33	23°27	M10
T 11	23 58 12	27°37'55	8♈48	11°12	11°27	21°14	21°23	25°29	8°48	12°23	15°38	3°22	4°29	22°40	23°27	T 11
W12	0 2 9	28°36'48	23°32	12°47	12°42	21°41	21°36	25°36	8°50	12°23	15°37	3°14	4°26	22°46	23°26	W12
T 13	0 6 6	29°35'43	8♉15	14°21	13°56	22° 7	21°48	25°43	8°52	12°23	15°35	3°10	4°23	22°53	23°25	T 13
F 14	0 10 2	0♎34'41	22°53	15°54	15°11	22°33	22° 1	25°50	8°54	12°23	15°34	3° 7	4°19	23° 0	23°25	F 14
S 15	0 13 59	1°33'41	7♊19	17°27	16°26	22°59	22°14	25°57	8°56	12°22	15°33	3°D 7	4°16	23° 6	23°24	S 15
S 16	0 17 55	2°32'43	21°31	18°58	17°40	23°24	22°27	26° 3	8°58	12°22	15°32	3° 8	4°13	23°13	23°24	S 16
M17	0 21 52	3°31'48	5♋28	20°29	18°55	23°49	22°40	26°10	9° 0	12°22	15°31	3°R 8	4°10	23°20	23°23	M17
T 18	0 25 48	4°30'55	19° 9	21°59	20° 9	24°14	22°53	26°16	9° 2	12°21	15°30	3° 7	4° 7	23°26	23°23	T 18
W19	0 29 45	5°30'04	2♌37	23°28	21°24	24°38	23° 6	26°23	9° 4	12°21	15°28	3° 4	4° 3	23°33	23°23	W19
T 20	0 33 41	6°29'16	15°51	24°56	22°38	25° 1	23°19	26°30	9° 6	12°20	15°27	2°58	4° 0	23°40	23°23	T 20
F 21	0 37 38	7°28'30	28°52	26°23	23°53	25°25	23°31	26°36	9° 8	12°20	15°26	2°50	3°57	23°46	23°D23	F 21
S 22	0 41 35	8°27'46	11♍40	27°50	25° 7	25°47	23°44	26°42	9°10	12°19	15°25	2°41	3°54	23°53	23°23	S 22
S 23	0 45 31	9°27'04	24°17	29°15	26°22	26°10	23°57	26°49	9°12	12°19	15°24	2°31	3°51	24° 0	23°23	S 23
M24	0 49 28	10°26'24	6♎42	0♏40	27°36	26°31	24°10	26°55	9°15	12°18	15°23	2°21	3°48	24° 6	23°23	M24
T 25	0 53 24	11°25'47	18°55	2° 3	28°51	26°53	24°22	27° 1	9°17	12°18	15°22	2°13	3°44	24°13	23°23	T 25
W26	0 57 21	12°25'11	0♏59	3°26	0♏ 5	27°14	24°35	27° 7	9°19	12°17	15°21	2° 6	3°41	24°19	23°23	W26
T 27	1 1 17	13°24'38	12°54	4°48	1°20	27°34	24°48	27°13	9°22	12°16	15°20	2° 2	3°38	24°26	23°24	T 27
F 28	1 5 14	14°24'07	24°42	6° 8	2°35	27°54	25° 0	27°19	9°24	12°16	15°19	1°59	3°35	24°33	23°24	F 28
S 29	1 9 10	15°23'37	6♐28	7°28	3°49	28°13	25°13	27°25	9°27	12°15	15°18	1°D59	3°32	24°39	23°25	S 29
S 30	1 13 7	16♎23'09	18♐15	8♏46	5♏ 4	28♊32	25♍26	27♌31	9♐29	12♊14	15♓16	2♐ 0	3♐29	24♏46	23♑25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n49	20s20	0s32	3n13	1n 7	1n31	1n14	22n12	0s37	5n16	1n 4	14n35	1n12	21s47	0n 0	20n50	1s31	19s51	15s32	21s 3	21s11	19s21	14s14	7n18
S 2	4 26	21 30	0n31	2 26	1 1	1 0	1 13	22 16	0 36	5 11	1 4	14 33	1 13	21 47	0 0	20 50	1 31	19 51	15 32	21 3	21 10	19 22	14 14	7 17
M 3	4 3	21 43	1 33	1 39	0 55	0 29	1 12	22 20	0 34	5 6	1 4	14 31	1 13	21 47	0 0	20 50	1 31	19 52	15 32	21 3	21 10	19 23	14 15	7 17
T 4	3 40	20 55	2 31	0 53	0 49	0s 2	1 10	22 24	0 33	5 1	1 4	14 28	1 13	21 47	0 0	20 50	1 31	19 52	15 32	21 3	21 9	19 24	14 16	7 16
W 5	3 17	19 6	3 24	0 6	0 43	0 32	1 9	22 28	0 32	4 56	1 4	14 26	1 13	21 48	0 0	20 50	1 31	19 53	15 32	21 2	21 9	19 25	14 17	7 16
T 6	2 53	16 19	4 9	0s40	0 36	1 3	1 7	22 32	0 30	4 50	1 5	14 24	1 13	21 48	0 0	20 50	1 31	19 53	15 32	21 2	21 8	19 26	14 17	7 15
F 7	2 30	12 38	4 42	1 25	0 29	1 34	1 6	22 36	0 29	4 45	1 5	14 22	1 13	21 48	0 0	20 50	1 31	19 54	15 32	21 0	21 8	19 27	14 18	7 15
S 8	2 7	8 13	5 0	2 11	0 23	2 5	1 4	22 39	0 27	4 40	1 5	14 19	1 13	21 48	0 0	20 50	1 31	19 54	15 32	20 58	21 7	19 27	14 18	7 14
S 9	1 43	3 14	5 1	2 56	0 16	2 36	1 3	22 43	0 26	4 35	1 5	14 17	1 14	21 49	0 0	20 49	1 31	19 55	15 32	20 56	21 6	19 28	14 19	7 14
M10	1 20	2n 2	4 44	3 41	0 9	3 7	1 1	22 46	0 24	4 30	1 5	14 15	1 14	21 49	0 0	20 49	1 31	19 55	15 32	20 54	21 6	19 29	14 20	7 13
T 11	0 57	7 17	4 8	4 25	0 2	3 38	0 59	22 49	0 23	4 25	1 5	14 13	1 14	21 49	0 0	20 49	1 31	19 56	15 32	20 53	21 5	19 30	14 20	7 13
W12	0 33	12 10	3 15	5 9	0s 5	4 9	0 58	22 53	0 22	4 20	1 5	14 10	1 14	21 49	0 0	20 49	1 31	19 56	15 31	20 51	21 5	19 31	14 21	7 12
T 13	0 10	16 19	2 9	5 52	0 13	4 39	0 56	22 56	0 20	4 15	1 5	14 8	1 14	21 50	0 0	20 49	1 31	19 56	15 31	20 50	21 4	19 32	14 22	7 12
F 14	0s14	19 25	0 54	6 35	0 20	5 10	0 54	22 59	0 18	4 10	1 5	14 6	1 14	21 50	0 0	20 49	1 32	19 57	15 31	20 50	21 3	19 33	14 22	7 11
S 15	0 37	21 13	0s22	7 17	0 27	5 40	0 52	23 2	0 17	4 5	1 5	14 4	1 14	21 50	0 0	20 49	1 32	19 57	15 31	20 50	21 3	19 34	14 23	7 11
S 16	1 1	21 37	1 37	7 58	0 34	6 11	0 50	23 4	0 15	4 0	1 5	14 2	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 2	19 34	14 23	7 10
M17	1 24	20 39	2 44	8 40	0 42	6 41	0 48	23 7	0 14	3 55	1 5	14 0	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 2	19 35	14 24	7 10
T 18	1 48	18 29	3 41	9 20	0 49	7 11	0 46	23 10	0 12	3 50	1 5	13 58	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 1	19 36	14 25	7 9
W19	2 11	15 20	4 24	10 0	0 56	7 41	0 44	23 13	0 10	3 45	1 5	13 56	1 15	21 52	0 0	20 49	1 32	19 59	15 31	20 49	21 0	19 37	14 25	7 9
T 20	2 35	11 28	4 52	10 39	1 3	8 11	0 42	23 15	0 9	3 40	1 5	13 53	1 15	21 52	0 0	20 49	1 32	19 59	15 31	20 48	21 0	19 38	14 26	7 8
F 21	2 58	7 8	5 5	11 18	1 10	8 40	0 40	23 18	0 7	3 35	1 5	13 51	1 15	21 52	0 0	20 48	1 32	19 59	15 31	20 47	20 59	19 39	14 26	7 8
S 22	3 22	2 33	5 2	11 56	1 17	9 10	0 37	23 20	0 5	3 30	1 5	13 49	1 15	21 53	0s 0	20 48	1 32	20 0	15 31	20 45	20 59	19 39	14 27	7 7
S 23	3 45	2s 4	4 44	12 33	1 24	9 39	0 35	23 23	0 4	3 25	1 5	13 47	1 16	21 53	0 0	20 48	1 32	20 0	15 30	20 43	20 58	19 40	14 27	7 7
M24	4 9	6 32	4 13	13 9	1 31	10 8	0 33	23 25	0 2	3 20	1 5	13 45	1 16	21 53	0 0	20 48	1 32	20 0	15 30	20 41	20 57	19 41	14 28	7 6
T 25	4 32	10 41	3 31	13 45	1 38	10 37	0 31	23 27	0 0	3 15	1 6	13 43	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 39	20 57	19 42	14 28	7 6
W26	4 55	14 20	2 39	14 20	1 45	11 5	0 28	23 30	0n 2	3 10	1 6	13 41	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 38	20 56	19 43	14 29	7 5
T 27	5 18	17 21	1 41	14 54	1 51	11 34	0 26	23 32	0 4	3 5	1 6	13 39	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 37	20 56	19 43	14 29	7 5
F 28	5 41	19 38	0 39	15 27	1 57	12 2	0 24	23 34	0 6	3 0	1 6	13 37	1 16	21 55	0 0	20 48	1 32	20 2	15 30	20 36	20 55	19 44	14 30	7 4
S 29	6 4	21 2	0n24	15 59	2 4	12 29	0 21	23 36	0 7	2 55	1 6	13 36	1 17	21 55	0 0	20 47	1 32	20 2	15 30	20 36	20 54	19 45	14 30	7 4
S 30	6s27	21s32	1n27	16s30	2s10	12s57	0n19	23n39	0n 9	2n50	1n 6	13n34	1n17	21s56	0s 0	20n47	1s32	20s 2	15s29	20s37	20s54	19s46	14s30	7n 3

Julian Day Number = 2292917.5, Delta T = 147.08 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'46, Lahiri = 17°47'46 Julian Calendar 1 Sept. 1565 == Greg. Calendar 11 Sept. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

OCTOBER 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 17 4	17♎22'43	0♉ 8	10♏ 3	6♏18	28♊51	25♍38	27♌37	9♐32	12°R13	15°R15	2♐ 2	3♐25	24♏53	23♉26	M 1
T 2	1 21 0	18°22'19	12°12	11°19	7°33	29° 8	25°51	27°43	9°34	12♊12	15♓14	2° 3	3°22	24°59	23°27	T 2
W 3	1 24 57	19°21'57	24°31	12°33	8°47	29°26	26° 3	27°49	9°37	12°12	15°13	2°R 3	3°19	25° 6	23°28	W 3
T 4	1 28 53	20°21'36	7♒12	13°46	10° 2	29°42	26°15	27°54	9°40	12°11	15°13	2° 1	3°16	25°13	23°29	T 4
F 5	1 32 50	21°21'18	20°17	14°57	11°16	29°58	26°28	28° 0	9°42	12°10	15°12	1°58	3°13	25°19	23°30	F 5
S 6	1 36 46	22°21'00	3♓50	16° 6	12°31	0♋14	26°40	28° 6	9°45	12° 9	15°11	1°53	3° 9	25°26	23°31	S 6
S 7	1 40 43	23°20'45	17°52	17°13	13°45	0°29	26°52	28°11	9°48	12° 8	15°10	1°48	3° 6	25°33	23°32	S 7
M 8	1 44 39	24°20'31	2♈20	18°18	15° 0	0°43	27° 5	28°16	9°51	12° 7	15° 9	1°42	3° 3	25°39	23°33	M 8
T 9	1 48 36	25°20'19	17° 8	19°20	16°14	0°57	27°17	28°22	9°53	12° 6	15° 8	1°36	3° 0	25°46	23°34	T 9
W10	1 52 32	26°20'10	2♉10	20°20	17°29	1°10	27°29	28°27	9°56	12° 5	15° 7	1°32	2°57	25°52	23°36	W10
T 11	1 56 29	27°20'02	17°15	21°17	18°43	1°22	27°41	28°32	9°59	12° 4	15° 6	1°30	2°54	25°59	23°37	T 11
F 12	2 0 26	28°19'56	2♊16	22°10	19°57	1°34	27°53	28°37	10° 2	12° 3	15° 5	1°D29	2°50	26° 6	23°38	F 12
S 13	2 4 22	29°19'53	17° 3	23° 0	21°12	1°45	28° 5	28°42	10° 5	12° 1	15° 5	1°30	2°47	26°12	23°40	S 13
S 14	2 8 19	0♏19'51	1♋32	23°45	22°26	1°56	28°17	28°47	10° 8	12° 0	15° 4	1°31	2°44	26°19	23°42	S 14
M15	2 12 15	1°19'52	15°40	24°26	23°41	2° 5	28°29	28°52	10°11	11°59	15° 3	1°32	2°41	26°26	23°43	M15
T 16	2 16 12	2°19'55	29°25	25° 2	24°55	2°14	28°41	28°57	10°14	11°58	15° 2	1°R33	2°38	26°32	23°45	T 16
W17	2 20 8	3°20'01	12♌50	25°32	26°10	2°23	28°53	29° 1	10°17	11°57	15° 1	1°33	2°35	26°39	23°47	W17
T 18	2 24 5	4°20'08	25°54	25°56	27°24	2°30	29° 4	29° 6	10°20	11°55	15° 1	1°31	2°31	26°46	23°49	T 18
F 19	2 28 1	5°20'17	8♍42	26°13	28°39	2°37	29°16	29°11	10°24	11°54	15° 0	1°28	2°28	26°52	23°51	F 19
S 20	2 31 58	6°20'29	21°15	26°22	29°53	2°43	29°28	29°15	10°27	11°53	14°59	1°25	2°25	26°59	23°53	S 20
S 21	2 35 55	7°20'42	3♎35	26°R24	1♐ 7	2°48	29°39	29°19	10°30	11°52	14°59	1°20	2°22	27° 6	23°55	S 21
M22	2 39 51	8°20'58	15°45	26°16	2°22	2°52	29°51	29°24	10°33	11°50	14°58	1°16	2°19	27°12	23°57	M22
T 23	2 43 48	9°21'15	27°46	25°59	3°36	2°56	0♎ 2	29°28	10°36	11°49	14°57	1°13	2°15	27°19	23°59	T 23
W24	2 47 44	10°21'34	9♏40	25°33	4°51	2°59	0°13	29°32	10°40	11°47	14°57	1°10	2°12	27°26	24° 2	W24
T 25	2 51 41	11°21'55	21°30	24°56	6° 5	3° 1	0°25	29°36	10°43	11°46	14°56	1° 9	2° 9	27°32	24° 4	T 25
F 26	2 55 37	12°22'18	3♐17	24° 9	7°19	3° 2	0°36	29°40	10°46	11°45	14°55	1°D 9	2° 6	27°39	24° 6	F 26
S 27	2 59 34	13°22'42	15° 4	23°13	8°34	3°R 2	0°47	29°44	10°50	11°43	14°55	1° 9	2° 3	27°45	24° 9	S 27
S 28	3 3 30	14°23'08	26°53	22° 8	9°48	3° 2	0°58	29°47	10°53	11°42	14°54	1°10	2° 0	27°52	24°11	S 28
M29	3 7 27	15°23'35	8♑47	20°57	11° 3	3° 0	1° 9	29°51	10°56	11°40	14°54	1°12	1°56	27°59	24°14	M29
T 30	3 11 24	16°24'04	20°52	19°39	12°17	2°58	1°20	29°54	11° 0	11°39	14°53	1°13	1°53	28° 5	24°17	T 30
W31	3 15 20	17♏24'34	3♒10	18♏19	13♐31	2♋55	1♎31	29♌58	11♐ 3	11♊37	14♓53	1♐14	1♐50	28♏12	24♑20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s50	21s 3	2n27	17s 0	2s15	13s24	0n16	23n41	0n11	2n45	1n 6	13n32	1n17	21s56	0s 0	20n47	1s32	20s 2	15s29	20s37	20s53	19s46	14s31	7n 2
T 2	7 13	19 36	3 21	17 29	2 21	13 51	0 14	23 43	0 13	2 40	1 6	13 30	1 17	21 56	0 0	20 47	1 32	20 3	15 29	20 37	20 53	19 47	14 31	7 2
W 3	7 36	17 13	4 7	17 57	2 26	14 17	0 11	23 45	0 15	2 35	1 6	13 28	1 17	21 57	0 0	20 47	1 32	20 3	15 29	20 37	20 52	19 48	14 32	7 1
T 4	7 58	13 58	4 42	18 24	2 31	14 43	0 9	23 47	0 17	2 30	1 6	13 26	1 17	21 57	0 0	20 47	1 32	20 3	15 29	20 37	20 51	19 49	14 32	7 1
F 5	8 21	9 56	5 5	18 50	2 36	15 9	0 6	23 49	0 20	2 25	1 6	13 25	1 18	21 58	0 0	20 47	1 32	20 3	15 28	20 36	20 51	19 50	14 32	7 0
S 6	8 43	5 18	5 11	19 15	2 40	15 34	0 3	23 51	0 22	2 21	1 6	13 23	1 18	21 58	0 0	20 46	1 32	20 3	15 28	20 35	20 50	19 50	14 33	7 0
S 7	9 5	0 13	4 59	19 38	2 44	15 59	0 1	23 53	0 24	2 16	1 7	13 21	1 18	21 58	0 0	20 46	1 32	20 4	15 28	20 34	20 50	19 51	14 33	6 59
M 8	9 27	5n 1	4 28	20 0	2 48	16 24	0s 2	23 56	0 26	2 11	1 7	13 19	1 18	21 59	0 0	20 46	1 32	20 4	15 28	20 33	20 49	19 52	14 33	6 59
T 9	9 49	10 6	3 39	20 20	2 51	16 48	0 4	23 58	0 28	2 6	1 7	13 18	1 18	21 59	0 0	20 46	1 32	20 4	15 28	20 32	20 48	19 52	14 34	6 58
W10	10 11	14 39	2 33	20 39	2 53	17 12	0 7	24 0	0 30	2 2	1 7	13 16	1 19	22 0	0 0	20 46	1 33	20 4	15 27	20 31	20 48	19 53	14 34	6 58
T 11	10 33	18 15	1 17	20 56	2 55	17 35	0 10	24 2	0 33	1 57	1 7	13 14	1 19	22 0	0 0	20 46	1 33	20 4	15 27	20 30	20 47	19 54	14 34	6 57
F 12	10 54	20 36	0s 4	21 12	2 57	17 58	0 12	24 4	0 35	1 52	1 7	13 13	1 19	22 1	0 0	20 45	1 33	20 4	15 27	20 30	20 47	19 55	14 34	6 57
S 13	11 16	21 28	1 24	21 26	2 58	18 20	0 15	24 6	0 37	1 47	1 7	13 11	1 19	22 1	0 0	20 45	1 33	20 4	15 27	20 30	20 46	19 55	14 35	6 56
S 14	11 37	20 52	2 37	21 37	2 58	18 42	0 18	24 8	0 40	1 43	1 7	13 10	1 19	22 1	0 0	20 45	1 33	20 5	15 27	20 31	20 45	19 56	14 35	6 56
M15	11 58	18 57	3 39	21 47	2 57	19 4	0 20	24 11	0 42	1 38	1 7	13 8	1 20	22 2	0 0	20 45	1 33	20 5	15 26	20 31	20 45	19 57	14 35	6 55
T 16	12 19	15 59	4 26	21 54	2 55	19 25	0 23	24 13	0 44	1 34	1 8	13 7	1 20	22 2	0 0	20 45	1 33	20 5	15 26	20 31	20 44	19 57	14 35	6 55
W17	12 39	12 14	4 58	21 59	2 53	19 45	0 26	24 15	0 47	1 29	1 8	13 5	1 20	22 3	0 0	20 45	1 33	20 5	15 26	20 31	20 43	19 58	14 36	6 54
T 18	13 0	8 0	5 13	22 1	2 49	20 5	0 28	24 18	0 49	1 24	1 8	13 4	1 20	22 3	0 0	20 44	1 33	20 5	15 26	20 31	20 43	19 59	14 36	6 54
F 19	13 20	3 31	5 12	22 0	2 44	20 24	0 31	24 20	0 52	1 20	1 8	13 2	1 20	22 4	0 0	20 44	1 33	20 5	15 25	20 30	20 42	20 0	14 36	6 53
S 20	13 40	1s 3	4 56	21 57	2 38	20 43	0 33	24 22	0 54	1 15	1 8	13 1	1 21	22 4	0 0	20 44	1 33	20 5	15 25	20 29	20 42	20 0	14 36	6 53
S 21	14 0	5 30	4 26	21 50	2 30	21 1	0 36	24 25	0 57	1 11	1 8	13 0	1 21	22 5	0 0	20 44	1 33	20 5	15 25	20 29	20 41	20 1	14 36	6 52
M22	14 19	9 40	3 45	21 39	2 21	21 19	0 39	24 27	1 0	1 6	1 8	12 58	1 21	22 5	0 0	20 44	1 33	20 5	15 25	20 28	20 40	20 2	14 36	6 52
T 23	14 39	13 24	2 54	21 25	2 11	21 36	0 41	24 30	1 2	1 2	1 8	12 57	1 21	22 6	0 0	20 43	1 33	20 5	15 24	20 27	20 40	20 2	14 36	6 51
W24	14 58	16 35	1 56	21 6	1 58	21 52	0 44	24 33	1 5	0 58	1 9	12 56	1 21	22 6	0 0	20 43	1 33	20 5	15 24	20 27	20 39	20 3	14 37	6 51
T 25	15 17	19 2	0 53	20 44	1 44	22 8	0 46	24 35	1 8	0 53	1 9	12 55	1 22	22 7	0 0	20 43	1 33	20 5	15 24	20 26	20 38	20 4	14 37	6 50
F 26	15 35	20 40	0n12	20 17	1 29	22 23	0 49	24 38	1 10	0 49	1 9	12 54	1 22	22 7	0 0	20 43	1 33	20 5	15 23	20 26	20 38	20 4	14 37	6 50
S 27	15 53	21 23	1 16	19 46	1 11	22 38	0 51	24 41	1 13	0 45	1 9	12 52	1 22	22 8	0 0	20 42	1 33	20 5	15 23	20 26	20 37	20 5	14 37	6 49
S 28	16 12	21 10	2 18	19 12	0 53	22 52	0 54	24 44	1 16	0 40	1 9	12 51	1 22	22 8	0 0	20 42	1 33	20 5	15 23	20 27	20 36	20 6	14 37	6 49
M29	16 29	19 59	3 14	18 34	0 33	23 5	0 56	24 46	1 19	0 36	1 9	12 50	1 22	22 8	0 0	20 42	1 33	20 5	15 23	20 27	20 36	20 6	14 37	6 48
T 30	16 47	17 53	4 2	17 54	0 13	23 17	0 59	24 49	1 22	0 32	1 9	12 49	1 23	22 9	0 0	20 42	1 33	20 5	15 22	20 27	20 35	20 7	14 37	6 48
W31	17s 4	14s57	4n40	17s12	0n 8	23s29	1s 1	24n52	1n24	0n28	1n10	12n48	1n23	22s 9	0s 0	20n42	1s33	20s 5	15s22	20s27	20s35	20s 7	14s37	6n47

Julian Day Number = 2292947.5, Delta T = 146.92 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'50, Lahiri = 17°47'51 Julian Calendar 1 Oct. 1565 == Greg. Calendar 11 Oct. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

NOVEMBER 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 19 17	18♏25'05	15♒46	16°R58	14♐46	2°R51	1♎42	0♍ 1	11♐ 7	11°R36	14°R53	1°R15	1♐47	28♏19	24♑22	T 1
F 2	3 23 13	19°25'38	28°45	15♏40	16° 0	2♋46	1°52	0° 5	11°10	11♊34	14♓52	1♐15	1°44	28°25	24°25	F 2
S 3	3 27 10	20°26'11	12♓ 9	14°26	17°14	2°40	2° 3	0° 8	11°13	11°33	14°52	1°14	1°40	28°32	24°28	S 3
S 4	3 31 6	21°26'46	26° 1	13°19	18°29	2°34	2°13	0°11	11°17	11°31	14°51	1°13	1°37	28°39	24°31	S 4
M 5	3 35 3	22°27'23	10♈20	12°21	19°43	2°26	2°24	0°14	11°20	11°29	14°51	1°12	1°34	28°45	24°34	M 5
T 6	3 38 59	23°28'00	25° 4	11°33	20°57	2°18	2°34	0°16	11°24	11°28	14°51	1°11	1°31	28°52	24°37	T 6
W 7	3 42 56	24°28'39	10♉ 7	10°57	22°11	2° 9	2°44	0°19	11°28	11°26	14°50	1°10	1°28	28°59	24°40	W 7
T 8	3 46 53	25°29'19	25°20	10°32	23°26	1°59	2°54	0°22	11°31	11°25	14°50	1°D10	1°25	29° 5	24°44	T 8
F 9	3 50 49	26°30'01	10♊34	10°20	24°40	1°48	3° 4	0°24	11°35	11°23	14°50	1°10	1°21	29°12	24°47	F 9
S 10	3 54 46	27°30'44	25°39	10°D18	25°54	1°37	3°14	0°27	11°38	11°21	14°50	1°10	1°18	29°18	24°50	S 10
S 11	3 58 42	28°31'28	10♋27	10°27	27° 8	1°24	3°24	0°29	11°42	11°20	14°49	1°10	1°15	29°25	24°54	S 11
M12	4 2 39	29°32'14	24°52	10°45	28°22	1°11	3°34	0°31	11°45	11°18	14°49	1°11	1°12	29°32	24°57	M12
T 13	4 6 35	0♐33'02	8♌50	11°13	29°37	0°57	3°44	0°34	11°49	11°16	14°49	1°11	1° 9	29°38	25° 1	T 13
W14	4 10 32	1°33'51	22°22	11°49	0♑51	0°42	3°53	0°36	11°53	11°15	14°49	1°R11	1° 6	29°45	25° 4	W14
T 15	4 14 28	2°34'41	5♍28	12°32	2° 5	0°26	4° 3	0°38	11°56	11°13	14°49	1°D11	1° 2	29°52	25° 8	T 15
F 16	4 18 25	3°35'33	18°12	13°21	3°19	0° 9	4°12	0°39	12° 0	11°11	14°49	1°11	0°59	29°58	25°11	F 16
S 17	4 22 22	4°36'26	0♎37	14°16	4°33	29♊52	4°21	0°41	12° 3	11°10	14°49	1°11	0°56	0♐ 5	25°15	S 17
S 18	4 26 18	5°37'21	12°48	15°16	5°47	29°34	4°30	0°43	12° 7	11° 8	14°49	1°11	0°53	0°12	25°19	S 18
M19	4 30 15	6°38'17	24°48	16°20	7° 1	29°16	4°39	0°44	12°11	11° 6	14°D49	1°12	0°50	0°18	25°23	M19
T 20	4 34 11	7°39'14	6♏41	17°28	8°15	28°57	4°48	0°46	12°14	11° 5	14°49	1°13	0°46	0°25	25°27	T 20
W21	4 38 8	8°40'13	18°29	18°39	9°29	28°37	4°57	0°47	12°18	11° 3	14°49	1°13	0°43	0°32	25°30	W21
T 22	4 42 4	9°41'12	0♐16	19°53	10°44	28°16	5° 6	0°48	12°22	11° 1	14°49	1°R13	0°40	0°38	25°34	T 22
F 23	4 46 1	10°42'12	12° 4	21° 9	11°58	27°55	5°14	0°49	12°25	11° 0	14°49	1°13	0°37	0°45	25°38	F 23
S 24	4 49 57	11°43'14	23°54	22°28	13°12	27°34	5°22	0°50	12°29	10°58	14°49	1°13	0°34	0°52	25°42	S 24
S 25	4 53 54	12°44'16	5♑50	23°48	14°25	27°12	5°31	0°51	12°33	10°56	14°49	1°11	0°31	0°58	25°47	S 25
M26	4 57 51	13°45'19	17°53	25°10	15°39	26°50	5°39	0°51	12°36	10°54	14°49	1° 9	0°27	1° 5	25°51	M26
T 27	5 1 47	14°46'22	0♒ 5	26°33	16°53	26°27	5°47	0°52	12°40	10°53	14°49	1° 7	0°24	1°11	25°55	T 27
W28	5 5 44	15°47'27	12°29	27°57	18° 7	26° 4	5°55	0°53	12°44	10°51	14°50	1° 5	0°21	1°18	25°59	W28
T 29	5 9 40	16°48'31	25° 8	29°22	19°21	25°41	6° 3	0°53	12°47	10°49	14°50	1° 3	0°18	1°25	26° 3	T 29
F 30	5 13 37	17♐49'36	8♓ 4	0♐48	20♑35	25♊18	6♎10	0♍53	12♐51	10♊48	14♓50	1♐ 2	0♐15	1♐31	26♑ 7	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	11s16	5n 6	16s30	0n28	23s41	1s 4	24n55	1n27	0n24	1n10	12n47	1n23	22s10	0s 0	20n41	1s33	20s 4	15s22	20s27	20s34	20s 8	14s37	6n47
F 2	17 38	6 58	5 17	15 48	0 48	23 51	1 6	24 58	1 30	0 19	1 10	12 46	1 23	22 10	0 0	20 41	1 33	20 4	15 21	20 27	20 33	20 9	14 37	6 46
S 3	17 54	2 13	5 12	15 8	1 7	24 1	1 8	25 1	1 33	0 15	1 10	12 45	1 24	22 11	0 0	20 41	1 33	20 4	15 21	20 27	20 33	20 9	14 37	6 46
S 4	18 10	2n50	4 49	14 32	1 24	24 10	1 11	25 4	1 36	0 11	1 10	12 44	1 24	22 11	0 0	20 41	1 33	20 4	15 21	20 27	20 32	20 10	14 37	6 46
M 5	18 26	7 53	4 7	14 0	1 40	24 18	1 13	25 7	1 39	0 7	1 10	12 44	1 24	22 12	0 0	20 41	1 33	20 4	15 20	20 27	20 31	20 10	14 36	6 45
T 6	18 41	12 38	3 8	13 32	1 53	24 26	1 15	25 10	1 42	0 3	1 11	12 43	1 24	22 12	0 0	20 40	1 33	20 4	15 20	20 27	20 31	20 11	14 36	6 45
W 7	18 56	16 42	1 55	13 10	2 5	24 33	1 17	25 13	1 45	0s 1	1 11	12 42	1 24	22 13	0 0	20 40	1 33	20 4	15 20	20 26	20 30	20 12	14 36	6 44
T 8	19 11	19 40	0 32	12 54	2 14	24 39	1 19	25 17	1 48	0 4	1 11	12 41	1 25	22 13	0 0	20 40	1 33	20 3	15 20	20 26	20 29	20 12	14 36	6 44
F 9	19 25	21 13	0s52	12 43	2 21	24 44	1 21	25 20	1 51	0 8	1 11	12 41	1 25	22 14	0 0	20 40	1 33	20 3	15 19	20 26	20 29	20 13	14 36	6 43
S 10	19 39	21 13	2 12	12 37	2 27	24 49	1 23	25 23	1 54	0 12	1 11	12 40	1 25	22 14	0 0	20 39	1 33	20 3	15 19	20 26	20 28	20 13	14 36	6 43
S 11	19 53	19 44	3 22	12 36	2 30	24 53	1 25	25 26	1 57	0 16	1 11	12 39	1 25	22 15	0 0	20 39	1 33	20 3	15 19	20 27	20 27	20 14	14 36	6 43
M12	20 6	17 0	4 17	12 40	2 33	24 56	1 27	25 29	2 0	0 20	1 12	12 39	1 26	22 15	0 0	20 39	1 33	20 3	15 18	20 27	20 27	20 15	14 35	6 42
T 13	20 19	13 21	4 55	12 48	2 33	24 59	1 29	25 32	2 3	0 23	1 12	12 38	1 26	22 16	0 0	20 39	1 33	20 2	15 18	20 27	20 26	20 15	14 35	6 42
W14	20 31	9 8	5 15	12 59	2 33	25 0	1 31	25 35	2 6	0 27	1 12	12 38	1 26	22 16	0 0	20 38	1 33	20 2	15 18	20 27	20 26	20 16	14 35	6 41
T 15	20 43	4 36	5 17	13 14	2 31	25 1	1 33	25 38	2 8	0 30	1 12	12 37	1 26	22 17	0 0	20 38	1 33	20 2	15 17	20 27	20 25	20 16	14 35	6 41
F 16	20 55	0 0	5 4	13 31	2 28	25 2	1 34	25 41	2 11	0 34	1 12	12 37	1 27	22 17	0 1	20 38	1 33	20 2	15 17	20 27	20 24	20 17	14 34	6 41
S 17	21 7	4s29	4 37	13 51	2 25	25 1	1 36	25 44	2 14	0 37	1 13	12 37	1 27	22 18	0 1	20 38	1 33	20 1	15 17	20 27	20 24	20 17	14 34	6 40
S 18	21 18	8 43	3 58	14 13	2 21	25 0	1 38	25 47	2 17	0 41	1 13	12 36	1 27	22 18	0 1	20 38	1 33	20 1	15 16	20 27	20 23	20 18	14 34	6 40
M19	21 28	12 33	3 9	14 36	2 16	24 57	1 39	25 50	2 20	0 44	1 13	12 36	1 27	22 19	0 1	20 37	1 33	20 1	15 16	20 27	20 22	20 18	14 34	6 40
T 20	21 38	15 51	2 12	15 0	2 10	24 55	1 41	25 52	2 23	0 48	1 13	12 36	1 28	22 19	0 1	20 37	1 33	20 1	15 16	20 27	20 22	20 19	14 33	6 39
W21	21 48	18 30	1 10	15 25	2 5	24 51	1 42	25 55	2 26	0 51	1 13	12 35	1 28	22 20	0 1	20 37	1 33	20 0	15 15	20 27	20 21	20 20	14 33	6 39
T 22	21 57	20 20	0 5	15 51	1 58	24 47	1 43	25 57	2 28	0 54	1 14	12 35	1 28	22 20	0 1	20 37	1 33	20 0	15 15	20 27	20 20	20 20	14 33	6 39
F 23	22 6	21 18	1n 0	16 17	1 52	24 41	1 45	26 0	2 31	0 57	1 14	12 35	1 28	22 21	0 1	20 36	1 33	20 0	15 15	20 27	20 20	20 21	14 32	6 38
S 24	22 15	21 19	2 3	16 44	1 45	24 36	1 46	26 2	2 34	1 1	1 14	12 35	1 28	22 21	0 1	20 36	1 33	19 59	15 14	20 27	20 19	20 21	14 32	6 38
S 25	22 23	20 21	3 1	17 11	1 38	24 29	1 47	26 4	2 36	1 4	1 14	12 35	1 29	22 22	0 1	20 36	1 33	19 59	15 14	20 27	20 18	20 22	14 31	6 38
M26	22 30	18 29	3 51	17 38	1 31	24 22	1 48	26 6	2 39	1 7	1 14	12 35	1 29	22 22	0 1	20 36	1 33	19 58	15 14	20 26	20 18	20 22	14 31	6 37
T 27	22 37	15 45	4 32	18 4	1 24	24 14	1 49	26 8	2 41	1 10	1 15	12 35	1 29	22 23	0 1	20 35	1 33	19 58	15 13	20 26	20 17	20 23	14 31	6 37
W28	22 44	12 17	5 0	18 31	1 16	24 5	1 50	26 10	2 43	1 13	1 15	12 35	1 29	22 23	0 1	20 35	1 33	19 58	15 13	20 25	20 16	20 23	14 30	6 37
T 29	22 50	8 13	5 15	18 57	1 9	23 55	1 51	26 11	2 46	1 15	1 15	12 35	1 30	22 24	0 1	20 35	1 33	19 57	15 13	20 25	20 16	20 24	14 30	6 36
F 30	22s56	3s42	5n14	19s22	1n 1	23s45	1s51	26n13	2n48	1s18	1n15	12n35	1n30	22s24	0s 1	20n35	1s33	19s57	15s12	20s25	20s15	20s24	14s29	6n36

Julian Day Number = 2292978.5, Delta T = 146.75 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'54, Lahiri = 17°47'55 Julian Calendar 1 Nov. 1565 == Greg. Calendar 11 Nov. 1565

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ASTRODIENST EPHEMERIS for the year 1565
geocentric

DECEMBER 1565 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 17 33	18♐50'41	21♓20	2♐15	21♑49	24°R54	6♎18	0♍53	12♐55	10°R46	14♓50	1°D 2	0♐12	1♐38	26♑12	S 1
S 2	5 21 30	19°51'47	4♈59	3°42	23° 2	24♊31	6°25	0°R53	12°58	10♊44	14°51	1♐ 3	0° 8	1°45	26°16	S 2
M 3	5 25 26	20°52'53	19° 2	5°11	24°16	24° 7	6°32	0°53	13° 2	10°43	14°51	1° 4	0° 5	1°51	26°21	M 3
T 4	5 29 23	21°53'59	3♉28	6°39	25°30	23°43	6°39	0°53	13° 6	10°41	14°51	1° 5	0° 2	1°58	26°25	T 4
W 5	5 33 20	22°55'05	18°14	8° 8	26°44	23°20	6°46	0°53	13° 9	10°39	14°52	1° 7	29♏59	2° 5	26°29	W 5
T 6	5 37 16	23°56'12	3♊15	9°38	27°57	22°56	6°53	0°52	13°13	10°38	14°52	1°R 7	29°56	2°11	26°34	T 6
F 7	5 41 13	24°57'19	18°24	11° 8	29°11	22°33	7° 0	0°52	13°16	10°36	14°53	1° 6	29°52	2°18	26°38	F 7
S 8	5 45 9	25°58'27	3♋31	12°38	0♒24	22° 9	7° 6	0°51	13°20	10°34	14°53	1° 4	29°49	2°25	26°43	S 8
S 9	5 49 6	26°59'35	18°27	14° 9	1°38	21°46	7°13	0°50	13°24	10°33	14°53	1° 1	29°46	2°31	26°48	S 9
M10	5 53 2	28° 0'43	3♌ 3	15°40	2°51	21°24	7°19	0°50	13°27	10°31	14°54	0°57	29°43	2°38	26°52	M10
T 11	5 56 59	29° 1'52	17°14	17°11	4° 5	21° 1	7°25	0°49	13°31	10°30	14°54	0°53	29°40	2°45	26°57	T 11
W12	6 0 56	0♑ 3'01	0♍57	18°43	5°18	20°39	7°31	0°48	13°34	10°28	14°55	0°49	29°37	2°51	27° 1	W12
T 13	6 4 52	1° 4'11	14°12	20°14	6°31	20°17	7°37	0°46	13°38	10°26	14°56	0°46	29°33	2°58	27° 6	T 13
F 14	6 8 49	2° 5'21	27° 0	21°47	7°45	19°56	7°42	0°45	13°41	10°25	14°56	0°D45	29°30	3° 4	27°11	F 14
S 15	6 12 45	3° 6'31	9♎26	23°19	8°58	19°35	7°48	0°44	13°45	10°23	14°57	0°45	29°27	3°11	27°16	S 15
S 16	6 16 42	4° 7'42	21°35	24°52	10°11	19°15	7°53	0°42	13°48	10°22	14°57	0°46	29°24	3°18	27°20	S 16
M17	6 20 38	5° 8'53	3♏32	26°25	11°24	18°55	7°58	0°41	13°52	10°20	14°58	0°48	29°21	3°24	27°25	M17
T 18	6 24 35	6°10'05	15°21	27°59	12°37	18°36	8° 3	0°39	13°55	10°19	14°59	0°50	29°18	3°31	27°30	T 18
W19	6 28 31	7°11'16	27° 6	29°33	13°50	18°18	8° 8	0°37	13°59	10°17	14°59	0°R51	29°14	3°38	27°35	W19
T 20	6 32 28	8°12'28	8♐53	1♑ 7	15° 3	18° 0	8°13	0°35	14° 2	10°16	15° 0	0°51	29°11	3°44	27°40	T 20
F 21	6 36 25	9°13'40	20°44	2°42	16°16	17°43	8°17	0°33	14° 6	10°14	15° 1	0°48	29° 8	3°51	27°45	F 21
S 22	6 40 21	10°14'52	2♑42	4°17	17°29	17°26	8°21	0°31	14° 9	10°13	15° 2	0°44	29° 5	3°58	27°49	S 22
S 23	6 44 18	11°16'03	14°49	5°52	18°42	17°11	8°26	0°29	14°12	10°12	15° 3	0°38	29° 2	4° 4	27°54	S 23
M24	6 48 14	12°17'15	27° 5	7°28	19°55	16°56	8°30	0°26	14°16	10°10	15° 3	0°31	28°58	4°11	27°59	M24
T 25	6 52 11	13°18'26	9♒33	9° 4	21° 7	16°42	8°33	0°24	14°19	10° 9	15° 4	0°22	28°55	4°18	28° 4	T 25
W26	6 56 7	14°19'36	22°12	10°41	22°20	16°28	8°37	0°21	14°22	10° 7	15° 5	0°14	28°52	4°24	28° 9	W26
T 27	7 0 4	15°20'46	5♓ 3	12°18	23°32	16°15	8°40	0°19	14°26	10° 6	15° 6	0° 7	28°49	4°31	28°14	T 27
F 28	7 4 0	16°21'56	18° 7	13°56	24°45	16° 4	8°44	0°16	14°29	10° 5	15° 7	0° 1	28°46	4°37	28°19	F 28
S 29	7 7 57	17°23'05	1♈26	15°34	25°57	15°53	8°47	0°13	14°32	10° 3	15° 8	29♏58	28°43	4°44	28°24	S 29
S 30	7 11 54	18°24'13	15° 0	17°12	27°10	15°42	8°50	0°10	14°35	10° 2	15° 9	29°D57	28°39	4°51	28°29	S 30
M31	7 15 50	19♑25'20	28♈50	18♑51	28♒22	15♊33	8♎52	0♍ 7	14♐39	10♊ 1	15♓10	29♏57	28♏36	4♐57	28♑34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	1n 6	4n57	19s47	0n54	23s34	1s52	26n14	2n50	1s21	1n15	12n35	1n30	22s25	0s 1	20n35	1s33	19s56	15s12	20s25	20s14	20s25	14s29	6n36
S 2	23 6	6 0	4 23	20 11	0 46	23 22	1 53	26 15	2 52	1 24	1 16	12 36	1 30	22 25	0 1	20 34	1 33	19 56	15 12	20 25	20 14	20 25	14 28	6 35
M 3	23 11	10 44	3 32	20 35	0 38	23 10	1 53	26 16	2 54	1 26	1 16	12 36	1 31	22 26	0 1	20 34	1 33	19 56	15 11	20 25	20 13	20 25	14 28	6 35
T 4	23 15	15 0	2 27	20 58	0 31	22 57	1 54	26 17	2 56	1 29	1 16	12 36	1 31	22 26	0 1	20 34	1 33	19 55	15 11	20 25	20 12	20 26	14 27	6 35
W 5	23 18	18 26	1 11	21 20	0 23	22 43	1 54	26 17	2 58	1 32	1 16	12 36	1 31	22 26	0 1	20 34	1 33	19 55	15 11	20 26	20 12	20 26	14 27	6 35
T 6	23 21	20 40	0s12	21 41	0 16	22 29	1 54	26 18	3 0	1 34	1 17	12 37	1 31	22 27	0 1	20 33	1 33	19 54	15 10	20 26	20 11	20 27	14 26	6 34
F 7	23 24	21 26	1 34	22 1	0 9	22 14	1 55	26 18	3 1	1 36	1 17	12 37	1 32	22 27	0 1	20 33	1 33	19 54	15 10	20 26	20 10	20 27	14 25	6 34
S 8	23 26	20 38	2 49	22 20	0 2	21 59	1 55	26 18	3 3	1 39	1 17	12 38	1 32	22 28	0 1	20 33	1 33	19 53	15 10	20 25	20 10	20 28	14 25	6 34
S 9	23 28	18 23	3 52	22 39	0s 6	21 42	1 55	26 18	3 5	1 41	1 17	12 38	1 32	22 28	0 1	20 33	1 33	19 53	15 9	20 25	20 9	20 28	14 24	6 34
M10	23 29	15 1	4 38	22 56	0 13	21 25	1 55	26 18	3 6	1 43	1 18	12 39	1 32	22 29	0 1	20 33	1 33	19 52	15 9	20 24	20 8	20 29	14 24	6 33
T 11	23 29	10 51	5 5	23 12	0 20	21 8	1 54	26 18	3 7	1 46	1 18	12 39	1 33	22 29	0 1	20 32	1 33	19 52	15 9	20 23	20 7	20 29	14 23	6 33
W12	23 30	6 16	5 14	23 27	0 26	20 50	1 54	26 18	3 8	1 48	1 18	12 40	1 33	22 30	0 1	20 32	1 33	19 51	15 8	20 22	20 7	20 29	14 22	6 33
T 13	23 29	1 32	5 6	23 41	0 33	20 31	1 54	26 17	3 10	1 50	1 18	12 40	1 33	22 30	0 1	20 32	1 33	19 51	15 8	20 22	20 6	20 30	14 22	6 33
F 14	23 29	3s 7	4 42	23 54	0 39	20 12	1 53	26 17	3 11	1 52	1 19	12 41	1 33	22 30	0 1	20 32	1 33	19 50	15 8	20 21	20 5	20 30	14 21	6 33
S 15	23 27	7 30	4 5	24 5	0 46	19 52	1 53	26 16	3 12	1 54	1 19	12 42	1 34	22 31	0 1	20 32	1 33	19 50	15 7	20 21	20 5	20 31	14 20	6 32
S 16	23 26	11 30	3 19	24 15	0 52	19 32	1 52	26 15	3 13	1 56	1 19	12 43	1 34	22 31	0 1	20 31	1 33	19 49	15 7	20 22	20 4	20 31	14 19	6 32
M17	23 24	14 59	2 24	24 25	0 58	19 11	1 52	26 15	3 13	1 57	1 19	12 43	1 34	22 32	0 1	20 31	1 33	19 49	15 7	20 22	20 3	20 32	14 19	6 32
T 18	23 21	17 49	1 24	24 32	1 4	18 50	1 51	26 14	3 14	1 59	1 20	12 44	1 34	22 32	0 1	20 31	1 33	19 48	15 7	20 22	20 3	20 32	14 18	6 32
W19	23 18	19 53	0 20	24 39	1 9	18 28	1 50	26 13	3 15	2 1	1 20	12 45	1 34	22 33	0 1	20 31	1 33	19 48	15 6	20 22	20 2	20 32	14 17	6 32
T 20	23 14	21 7	0n44	24 44	1 15	18 6	1 49	26 11	3 15	2 2	1 20	12 46	1 35	22 33	0 1	20 31	1 33	19 47	15 6	20 22	20 1	20 33	14 17	6 32
F 21	23 10	21 24	1 46	24 48	1 20	17 43	1 48	26 10	3 16	2 4	1 20	12 47	1 35	22 33	0 1	20 31	1 33	19 47	15 6	20 22	20 1	20 33	14 16	6 31
S 22	23 6	20 43	2 45	24 50	1 25	17 19	1 47	26 9	3 16	2 5	1 21	12 48	1 35	22 34	0 1	20 30	1 33	19 46	15 5	20 21	20 0	20 33	14 15	6 31
S 23	23 1	19 5	3 36	24 51	1 29	16 56	1 46	26 8	3 16	2 7	1 21	12 49	1 35	22 34	0 1	20 30	1 33	19 45	15 5	20 20	19 59	20 34	14 14	6 31
M24	22 55	16 34	4 18	24 51	1 34	16 31	1 44	26 7	3 17	2 8	1 21	12 50	1 36	22 35	0 1	20 30	1 32	19 45	15 5	20 18	19 59	20 34	14 13	6 31
T 25	22 50	13 16	4 49	24 49	1 38	16 7	1 43	26 5	3 17	2 9	1 21	12 51	1 36	22 35	0 1	20 30	1 32	19 44	15 4	20 17	19 58	20 35	14 13	6 31
W26	22 43	9 19	5 6	24 46	1 42	15 42	1 41	26 4	3 17	2 10	1 22	12 52	1 36	22 35	0 1	20 30	1 32	19 44	15 4	20 15	19 57	20 35	14 12	6 31
T 27	22 37	4 54	5 8	24 41	1 46	15 16	1 40	26 3	3 17	2 12	1 22	12 53	1 36	22 36	0 1	20 30	1 32	19 43	15 4	20 13	19 56	20 35	14 11	6 31
F 28	22 29	0 12	4 54	24 35	1 49	14 51	1 38	26 1	3 17	2 13	1 22	12 54	1 36	22 36	0 1	20 29	1 32	19 42	15 4	20 12	19 56	20 36	14 10	6 31
S 29	22 22	4n36	4 24	24 27	1 52	14 24	1 36	26 0	3 17	2 14	1 22	12 56	1 37	22 37	0 1	20 29	1 32	19 42	15 3	20 11	19 55	20 36	14 9	6 30
S 30	22 14	9 17	3 39	24 17	1 55	13 58	1 34	25 59	3 17	2 14	1 23	12 57	1 37	22 37	0 1	20 29	1 32	19 41	15 3	20 11	19 54	20 36	14 8	6 30
M31	22s 5	13n35	2n40	24s 6	1s58	13s31	1s32	25n58	3n16	2s15	1n23	12n58	1n37	22s37	0s 1	20n29	1s32	19s41	15s 3	20s11	19s54	20s37	14s 7	6n30

Julian Day Number = 2293008.5, Delta T = 146.59 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'58, Lahiri = 17°47'59 Julian Calendar 1 Dec. 1565 == Greg. Calendar 11 Dec. 1565

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

JANUARY 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 19 47	20♉26'26	12♉57	20♉31	29♒34	15°R24	8♎55	0°R 4	14♐42	10°R 0	15♓11	29♏58	28♏33	5♐ 4	28♉39	T 1
W 2	7 23 43	21°27'32	27°21	22°11	0♓46	15♊17	8°57	0♍ 1	14°45	9♊59	15°12	29°R59	28°30	5°11	28°44	W 2
T 3	7 27 40	22°28'37	11♊59	23°51	1°58	15°10	8°59	29♌58	14°48	9°57	15°13	29°58	28°27	5°17	28°49	T 3
F 4	7 31 36	23°29'41	26°46	25°33	3°10	15° 4	9° 1	29°55	14°51	9°56	15°14	29°55	28°24	5°24	28°54	F 4
S 5	7 35 33	24°30'44	11♋36	27°14	4°22	14°58	9° 3	29°51	14°54	9°55	15°15	29°50	28°20	5°31	28°59	S 5
S 6	7 39 29	25°31'46	26°21	28°57	5°33	14°54	9° 5	29°48	14°57	9°54	15°16	29°43	28°17	5°37	29° 4	S 6
M 7	7 43 26	26°32'48	10♌52	0♒39	6°45	14°50	9° 6	29°44	15° 0	9°53	15°17	29°33	28°14	5°44	29° 9	M 7
T 8	7 47 23	27°33'49	25° 4	2°22	7°57	14°47	9° 7	29°40	15° 3	9°52	15°18	29°23	28°11	5°51	29°15	T 8
W 9	7 51 19	28°34'49	8♍51	4° 6	9° 8	14°45	9° 8	29°37	15° 6	9°51	15°19	29°14	28° 8	5°57	29°20	W 9
T 10	7 55 16	29°35'48	22°11	5°50	10°19	14°44	9° 9	29°33	15° 9	9°50	15°20	29° 6	28° 4	6° 4	29°25	T 10
F 11	7 59 12	0♒36'47	5♎ 5	7°35	11°30	14°D43	9°10	29°29	15°12	9°49	15°21	29° 1	28° 1	6°11	29°30	F 11
S 12	8 3 9	1°37'45	17°36	9°20	12°42	14°43	9°10	29°25	15°14	9°48	15°23	28°57	27°58	6°17	29°35	S 12
S 13	8 7 5	2°38'43	29°47	11° 5	13°52	14°44	9°11	29°21	15°17	9°47	15°24	28°D56	27°55	6°24	29°40	S 13
M14	8 11 2	3°39'39	11♏45	12°50	15° 3	14°46	9°R11	29°17	15°20	9°46	15°25	28°56	27°52	6°30	29°45	M14
T 15	8 14 58	4°40'35	23°34	14°36	16°14	14°48	9°11	29°13	15°23	9°45	15°26	28°R57	27°49	6°37	29°50	T 15
W16	8 18 55	5°41'31	5♐21	16°21	17°25	14°51	9°10	29° 9	15°25	9°45	15°28	28°57	27°45	6°44	29°55	W16
T 17	8 22 52	6°42'25	17° 9	18° 6	18°35	14°55	9°10	29° 5	15°28	9°44	15°29	28°55	27°42	6°50	29°59	T 17
F 18	8 26 48	7°43'19	29° 4	19°50	19°46	15° 0	9° 9	29° 0	15°31	9°43	15°30	28°51	27°39	6°57	0♒ 5	F 18
S 19	8 30 45	8°44'11	11♑ 9	21°34	20°56	15° 5	9° 8	28°56	15°33	9°42	15°31	28°44	27°36	7° 4	0°10	S 19
S 20	8 34 41	9°45'03	23°27	23°17	22° 6	15°11	9° 7	28°52	15°36	9°42	15°33	28°34	27°33	7°10	0°15	S 20
M21	8 38 38	10°45'53	6♒ 0	24°59	23°16	15°17	9° 6	28°47	15°38	9°41	15°34	28°22	27°30	7°17	0°20	M21
T 22	8 42 34	11°46'42	18°46	26°39	24°26	15°25	9° 4	28°43	15°41	9°40	15°35	28° 9	27°26	7°24	0°25	T 22
W23	8 46 31	12°47'30	1♓46	28°17	25°35	15°32	9° 3	28°38	15°43	9°40	15°37	27°56	27°23	7°30	0°30	W23
T 24	8 50 27	13°48'17	14°59	29°52	26°45	15°41	9° 1	28°34	15°45	9°39	15°38	27°44	27°20	7°37	0°35	T 24
F 25	8 54 24	14°49'01	28°23	1♓25	27°54	15°50	8°59	28°29	15°48	9°39	15°39	27°34	27°17	7°44	0°40	F 25
S 26	8 58 21	15°49'45	11♈57	2°53	29° 4	16° 0	8°57	28°24	15°50	9°38	15°41	27°28	27°14	7°50	0°45	S 26
S 27	9 2 17	16°50'26	25°39	4°18	0♈13	16°10	8°54	28°20	15°52	9°38	15°42	27°24	27°10	7°57	0°50	S 27
M28	9 6 14	17°51'06	9♉31	5°37	1°22	16°21	8°52	28°15	15°54	9°37	15°43	27°23	27° 7	8° 4	0°54	M28
T 29	9 10 10	18°51'45	23°30	6°51	2°30	16°32	8°49	28°10	15°56	9°37	15°45	27°22	27° 4	8°10	0°59	T 29
W30	9 14 7	19°52'21	7♊38	7°58	3°39	16°45	8°46	28° 5	15°59	9°37	15°46	27°22	27° 1	8°17	1° 4	W30
T 31	9 18 3	20♒52'56	21♊54	8♓59	4♈47	16♊57	8♎43	28♌ 1	16♐ 1	9♊36	15♓48	27♏21	26♏58	8♐23	1♒ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s56	17n12	1n31	23s54	2s 0	13s 4	1s30	25n56	3n16	2s16	1n23	12n59	1n37	22s38	0s 1	20n29	1s32	19s40	15s 3	20s11	19s53	20s37	14s 6	6n30
W 2	21 47	19 51	0 14	23 40	2 2	12 36	1 28	25 55	3 16	2 17	1 23	13 1	1 38	22 38	0 1	20 29	1 32	19 39	15 2	20 12	19 52	20 37	14 5	6 30
T 3	21 37	21 13	1s 4	23 24	2 3	12 8	1 26	25 54	3 15	2 17	1 24	13 2	1 38	22 38	0 1	20 29	1 32	19 39	15 2	20 11	19 52	20 38	14 5	6 30
F 4	21 27	21 8	2 19	23 7	2 4	11 40	1 24	25 53	3 15	2 18	1 24	13 3	1 38	22 39	0 1	20 28	1 32	19 38	15 2	20 11	19 51	20 38	14 4	6 30
S 5	21 16	19 36	3 24	22 48	2 5	11 11	1 21	25 52	3 15	2 18	1 24	13 5	1 38	22 39	0 1	20 28	1 32	19 37	15 2	20 10	19 50	20 38	14 3	6 30
S 6	21 5	16 45	4 16	22 27	2 5	10 43	1 19	25 51	3 14	2 19	1 25	13 6	1 38	22 40	0 1	20 28	1 32	19 37	15 1	20 8	19 49	20 39	14 2	6 30
M 7	20 54	12 54	4 49	22 5	2 5	10 14	1 16	25 50	3 14	2 19	1 25	13 8	1 38	22 40	0 1	20 28	1 32	19 36	15 1	20 6	19 49	20 39	14 1	6 30
T 8	20 42	8 25	5 4	21 41	2 4	9 45	1 13	25 49	3 13	2 19	1 25	13 9	1 39	22 40	0 1	20 28	1 32	19 35	15 1	20 4	19 48	20 39	14 0	6 30
W 9	20 30	3 37	5 1	21 16	2 3	9 15	1 11	25 48	3 12	2 19	1 25	13 11	1 39	22 41	0 1	20 28	1 32	19 35	15 1	20 2	19 47	20 39	13 59	6 30
T 10	20 17	1s12	4 41	20 49	2 1	8 46	1 8	25 48	3 12	2 19	1 26	13 12	1 39	22 41	0 1	20 28	1 32	19 34	15 0	20 0	19 47	20 40	13 58	6 30
F 11	20 4	5 48	4 7	20 20	1 59	8 16	1 5	25 47	3 11	2 19	1 26	13 14	1 39	22 41	0 1	20 28	1 32	19 33	15 0	19 59	19 46	20 40	13 57	6 30
S 12	19 51	10 2	3 22	19 50	1 56	7 46	1 2	25 46	3 10	2 19	1 26	13 15	1 39	22 42	0 1	20 28	1 32	19 33	15 0	19 58	19 45	20 40	13 56	6 30
S 13	19 37	13 45	2 29	19 18	1 53	7 15	0 59	25 46	3 10	2 19	1 26	13 17	1 40	22 42	0 1	20 28	1 32	19 32	15 0	19 58	19 44	20 41	13 55	6 30
M14	19 23	16 50	1 31	18 44	1 49	6 45	0 55	25 45	3 9	2 19	1 27	13 18	1 40	22 42	0 1	20 27	1 32	19 31	14 59	19 58	19 44	20 41	13 54	6 30
T 15	19 8	19 10	0 29	18 9	1 45	6 14	0 52	25 45	3 8	2 19	1 27	13 20	1 40	22 42	0 1	20 27	1 32	19 31	14 59	19 58	19 43	20 41	13 53	6 30
W16	18 53	20 41	0n34	17 33	1 39	5 44	0 49	25 44	3 7	2 18	1 27	13 22	1 40	22 43	0 1	20 27	1 31	19 30	14 59	19 58	19 42	20 41	13 52	6 30
T 17	18 38	21 17	1 35	16 55	1 33	5 13	0 45	25 44	3 7	2 18	1 28	13 23	1 40	22 43	0 1	20 27	1 31	19 29	14 59	19 58	19 42	20 42	13 50	6 30
F 18	18 23	20 56	2 33	16 16	1 27	4 42	0 42	25 43	3 6	2 17	1 28	13 25	1 40	22 43	0 1	20 27	1 31	19 29	14 59	19 57	19 41	20 42	13 49	6 30
S 19	18 7	19 38	3 25	15 36	1 20	4 11	0 38	25 43	3 5	2 17	1 28	13 27	1 41	22 44	0 1	20 27	1 31	19 28	14 59	19 55	19 40	20 42	13 48	6 30
S 20	17 51	17 23	4 7	14 55	1 12	3 40	0 34	25 43	3 4	2 16	1 28	13 28	1 41	22 44	0 1	20 27	1 31	19 27	14 58	19 53	19 39	20 42	13 47	6 30
M21	17 34	14 19	4 39	14 13	1 3	3 9	0 30	25 43	3 3	2 15	1 29	13 30	1 41	22 44	0 1	20 27	1 31	19 27	14 58	19 51	19 39	20 43	13 46	6 30
T 22	17 18	10 31	4 57	13 30	0 53	2 37	0 27	25 43	3 2	2 15	1 29	13 32	1 41	22 44	0 1	20 27	1 31	19 26	14 58	19 48	19 38	20 43	13 45	6 30
W23	17 1	6 11	5 1	12 46	0 43	2 6	0 23	25 43	3 2	2 14	1 29	13 33	1 41	22 45	0 1	20 27	1 31	19 25	14 58	19 45	19 37	20 43	13 44	6 30
T 24	16 43	1 30	4 48	12 3	0 32	1 35	0 19	25 43	3 1	2 13	1 29	13 35	1 41	22 45	0 1	20 27	1 31	19 25	14 58	19 42	19 37	20 43	13 43	6 30
F 25	16 26	3n19	4 19	11 19	0 20	1 3	0 15	25 43	3 0	2 12	1 30	13 37	1 41	22 45	0 1	20 27	1 31	19 24	14 57	19 40	19 36	20 44	13 42	6 31
S 26	16 8	8 3	3 36	10 35	0 8	0 32	0 10	25 43	2 59	2 11	1 30	13 39	1 42	22 45	0 1	20 27	1 31	19 23	14 57	19 38	19 35	20 44	13 41	6 31
S 27	15 49	12 25	2 40	9 52	0n 5	0 1	0 6	25 43	2 58	2 9	1 30	13 40	1 42	22 46	0 1	20 27	1 31	19 23	14 57	19 37	19 34	20 44	13 39	6 31
M28	15 31	16 10	1 33	9 10	0 19	0n31	0 2	25 44	2 57	2 8	1 30	13 42	1 42	22 46	0 1	20 27	1 31	19 22	14 57	19 37	19 34	20 44	13 38	6 31
T 29	15 12	19 1	0 20	8 30	0 34	1 2	0n 2	25 44	2 56	2 7	1 31	13 44	1 42	22 46	0 1	20 27	1 31	19 21	14 57	19 37	19 33	20 44	13 37	6 31
W30	14 53	20 45	0s54	7 51	0 49	1 33	0 7	25 44	2 55	2 6	1 31	13 46	1 42	22 46	0 1	20 27	1 31	19 21	14 57	19 37	19 32	20 45	13 36	6 31
T 31	14s34	21n 9	2s 6	7s14	1n 4	2n 5	0n11	25n44	2n54	2s 4	1n31	13n47	1n42	22s47	0s 1	20n27	1s31	19s20	14s57	19s37	19s31	20s45	13s35	6n31

Julian Day Number = 2293039.5, Delta T = 146.42 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'03, Lahiri = 17°48'03 Julian Calendar 1 Jan. 1566 == Greg. Calendar 11 Jan. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

FEBRUARY 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 22 0	21♒53'29	6♋15	9♓52	5♈55	17♊10	8°R40	27°R56	16♐ 3	9°R36	15♓49	27°R17	26♏55	8♐30	1♒14	F 1
S 2	9 25 56	22°54'00	20°38	10°36	7° 3	17°24	8♎36	27♌51	16° 5	9♊36	15°51	27♏10	26°51	8°37	1°19	S 2
S 3	9 29 53	23°54'29	4♌57	11°11	8°11	17°38	8°33	27°46	16° 6	9°36	15°52	27° 0	26°48	8°43	1°23	S 3
M 4	9 33 50	24°54'57	19° 8	11°37	9°19	17°53	8°29	27°41	16° 8	9°35	15°54	26°48	26°45	8°50	1°28	M 4
T 5	9 37 46	25°55'23	3♍ 5	11°53	10°26	18° 8	8°25	27°37	16°10	9°35	15°55	26°35	26°42	8°57	1°33	T 5
W 6	9 41 43	26°55'47	16°42	11°R59	11°33	18°23	8°21	27°32	16°12	9°35	15°56	26°23	26°39	9° 3	1°37	W 6
T 7	9 45 39	27°56'10	29°58	11°55	12°40	18°39	8°16	27°27	16°14	9°35	15°58	26°12	26°35	9°10	1°42	T 7
F 8	9 49 36	28°56'31	12♎51	11°41	13°47	18°56	8°12	27°22	16°15	9°35	15°59	26° 3	26°32	9°17	1°47	F 8
S 9	9 53 32	29°56'51	25°22	11°17	14°53	19°13	8° 7	27°17	16°17	9°D35	16° 1	25°58	26°29	9°23	1°51	S 9
S 10	9 57 29	0♓57'09	7♏36	10°45	16° 0	19°30	8° 3	27°12	16°19	9°35	16° 2	25°55	26°26	9°30	1°56	S 10
M11	10 1 25	1°57'26	19°35	10° 4	17° 6	19°48	7°58	27° 8	16°20	9°35	16° 4	25°54	26°23	9°37	2° 0	M11
T 12	10 5 22	2°57'41	1♐26	9°16	18°11	20° 6	7°53	27° 3	16°22	9°35	16° 5	25°54	26°20	9°43	2° 5	T 12
W13	10 9 19	3°57'55	13°14	8°23	19°17	20°24	7°47	26°58	16°23	9°35	16° 7	25°54	26°16	9°50	2° 9	W13
T 14	10 13 15	4°58'07	25° 4	7°25	20°22	20°43	7°42	26°53	16°24	9°35	16° 9	25°52	26°13	9°57	2°14	T 14
F 15	10 17 12	5°58'18	7♑ 2	6°25	21°27	21° 3	7°36	26°48	16°26	9°35	16°10	25°48	26°10	10° 3	2°18	F 15
S 16	10 21 8	6°58'27	19°12	5°22	22°32	21°22	7°31	26°44	16°27	9°36	16°12	25°42	26° 7	10°10	2°23	S 16
S 17	10 25 5	7°58'35	1♒38	4°20	23°36	21°42	7°25	26°39	16°28	9°36	16°13	25°33	26° 4	10°16	2°27	S 17
M18	10 29 1	8°58'40	14°22	3°20	24°40	22° 3	7°19	26°34	16°29	9°36	16°15	25°22	26° 1	10°23	2°31	M18
T 19	10 32 58	9°58'44	27°25	2°22	25°44	22°23	7°13	26°30	16°31	9°37	16°16	25° 9	25°57	10°30	2°36	T 19
W20	10 36 54	10°58'46	10♓46	1°28	26°47	22°45	7° 7	26°25	16°32	9°37	16°18	24°56	25°54	10°36	2°40	W20
T 21	10 40 51	11°58'46	24°23	0°38	27°51	23° 6	7° 0	26°21	16°33	9°37	16°19	24°45	25°51	10°43	2°44	T 21
F 22	10 44 48	12°58'44	8♈13	29♒54	28°54	23°28	6°54	26°16	16°34	9°38	16°21	24°36	25°48	10°50	2°48	F 22
S 23	10 48 44	13°58'40	22°11	29°16	29°56	23°50	6°47	26°11	16°35	9°38	16°22	24°29	25°45	10°56	2°52	S 23
S 24	10 52 41	14°58'34	6♉15	28°44	0♉58	24°12	6°41	26° 7	16°35	9°39	16°24	24°25	25°41	11° 3	2°56	S 24
M25	10 56 37	15°58'26	20°22	28°19	2° 0	24°35	6°34	26° 3	16°36	9°39	16°26	24°D24	25°38	11°10	3° 0	M25
T 26	11 0 34	16°58'15	4♊29	28° 0	3° 1	24°58	6°27	25°58	16°37	9°40	16°27	24°24	25°35	11°16	3° 4	T 26
W27	11 4 30	17°58'02	18°35	27°47	4° 2	25°21	6°20	25°54	16°38	9°40	16°29	24°R25	25°32	11°23	3° 8	W27
T 28	11 8 27	18♓57'47	2♋40	27°D41	5♉ 3	25♊45	6♎13	25♌50	16♐38	9♊41	16♓30	24♏24	25♏29	11♐30	3♒12	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s15	20n11	3s10	6s40	1n20	2n36	0n16	25n45	2n53	2s 3	1n31	13n49	1n42	22s47	0s 1	20n27	1s31	19s19	14s57	19s36	19s31	20s45	13s34	6n31
S 2	13 55	17 55	4 2	6 8	1 35	3 7	0 20	25 45	2 52	2 1	1 32	13 51	1 42	22 47	0 1	20 27	1 31	19 18	14 56	19 34	19 30	20 45	13 33	6 32
S 3	13 35	14 34	4 39	5 40	1 51	3 38	0 25	25 46	2 51	1 59	1 32	13 53	1 42	22 47	0 1	20 27	1 30	19 18	14 56	19 32	19 29	20 45	13 31	6 32
M 4	13 15	10 24	4 58	5 16	2 7	4 9	0 30	25 46	2 50	1 58	1 32	13 54	1 43	22 48	0 1	20 27	1 30	19 17	14 56	19 29	19 28	20 45	13 30	6 32
T 5	12 54	5 45	4 58	4 56	2 22	4 40	0 34	25 47	2 49	1 56	1 32	13 56	1 43	22 48	0 1	20 27	1 30	19 16	14 56	19 26	19 28	20 46	13 29	6 32
W 6	12 34	0 56	4 42	4 40	2 37	5 11	0 39	25 47	2 49	1 54	1 33	13 58	1 43	22 48	0 1	20 27	1 30	19 16	14 56	19 23	19 27	20 46	13 28	6 32
T 7	12 13	3s49	4 10	4 29	2 50	5 42	0 44	25 47	2 48	1 52	1 33	14 0	1 43	22 48	0 1	20 27	1 30	19 15	14 56	19 21	19 26	20 46	13 27	6 32
F 8	11 52	8 15	3 27	4 23	3 3	6 12	0 49	25 48	2 47	1 50	1 33	14 1	1 43	22 48	0 1	20 27	1 30	19 14	14 56	19 19	19 26	20 46	13 26	6 33
S 9	11 31	12 14	2 34	4 21	3 14	6 43	0 54	25 48	2 46	1 48	1 33	14 3	1 43	22 48	0 1	20 27	1 30	19 14	14 56	19 17	19 25	20 46	13 24	6 33
S 10	11 10	15 35	1 35	4 24	3 24	7 13	0 59	25 49	2 45	1 46	1 33	14 5	1 43	22 49	0 1	20 27	1 30	19 13	14 56	19 17	19 24	20 46	13 23	6 33
M11	10 48	18 12	0 33	4 32	3 32	7 43	1 4	25 49	2 44	1 44	1 34	14 7	1 43	22 49	0 1	20 27	1 30	19 12	14 56	19 17	19 23	20 47	13 22	6 33
T 12	10 26	20 1	0n29	4 44	3 38	8 13	1 9	25 50	2 43	1 42	1 34	14 8	1 43	22 49	0 1	20 27	1 30	19 12	14 56	19 16	19 23	20 47	13 21	6 33
W13	10 5	20 56	1 31	5 1	3 42	8 42	1 14	25 50	2 42	1 39	1 34	14 10	1 43	22 49	0 1	20 27	1 30	19 11	14 55	19 16	19 22	20 47	13 20	6 34
T 14	9 43	20 56	2 28	5 20	3 44	9 12	1 19	25 51	2 41	1 37	1 34	14 12	1 43	22 49	0 1	20 28	1 30	19 10	14 55	19 16	19 21	20 47	13 18	6 34
F 15	9 21	19 59	3 20	5 43	3 44	9 41	1 24	25 51	2 40	1 35	1 34	14 13	1 43	22 49	0 1	20 28	1 30	19 10	14 55	19 15	19 20	20 47	13 17	6 34
S 16	8 58	18 6	4 3	6 8	3 41	10 10	1 30	25 52	2 39	1 32	1 35	14 15	1 43	22 50	0 1	20 28	1 30	19 9	14 55	19 14	19 20	20 47	13 16	6 34
S 17	8 36	15 21	4 36	6 35	3 37	10 39	1 35	25 52	2 38	1 30	1 35	14 17	1 44	22 50	0 1	20 28	1 30	19 9	14 55	19 12	19 19	20 47	13 15	6 35
M18	8 13	11 50	4 56	7 2	3 30	11 8	1 40	25 52	2 37	1 27	1 35	14 18	1 44	22 50	0 1	20 28	1 30	19 8	14 55	19 9	19 18	20 47	13 14	6 35
T 19	7 51	7 41	5 1	7 31	3 22	11 36	1 45	25 53	2 36	1 25	1 35	14 20	1 44	22 50	0 1	20 28	1 30	19 7	14 55	19 6	19 17	20 47	13 13	6 35
W20	7 28	3 4	4 50	7 59	3 12	12 4	1 51	25 53	2 35	1 22	1 35	14 22	1 44	22 50	0 1	20 28	1 29	19 7	14 55	19 3	19 17	20 48	13 11	6 35
T 21	7 5	1n47	4 23	8 27	3 1	12 32	1 56	25 53	2 34	1 20	1 35	14 23	1 44	22 50	0 1	20 28	1 29	19 6	14 55	19 0	19 16	20 48	13 10	6 36
F 22	6 42	6 37	3 39	8 54	2 49	13 0	2 1	25 53	2 34	1 17	1 36	14 25	1 44	22 50	0 1	20 28	1 29	19 5	14 55	18 58	19 15	20 48	13 9	6 36
S 23	6 19	11 10	2 42	9 19	2 36	13 27	2 7	25 53	2 33	1 14	1 36	14 26	1 44	22 50	0 1	20 28	1 29	19 5	14 55	18 56	19 14	20 48	13 8	6 36
S 24	5 56	15 8	1 35	9 43	2 22	13 54	2 12	25 54	2 32	1 11	1 36	14 28	1 44	22 51	0 1	20 29	1 29	19 4	14 55	18 55	19 14	20 48	13 7	6 36
M25	5 33	18 13	0 22	10 5	2 8	14 20	2 17	25 54	2 31	1 9	1 36	14 30	1 44	22 51	0 1	20 29	1 29	19 4	14 55	18 55	19 13	20 48	13 5	6 37
T 26	5 9	20 13	0s53	10 25	1 54	14 47	2 22	25 54	2 30	1 6	1 36	14 31	1 44	22 51	0 2	20 29	1 29	19 3	14 55	18 55	19 12	20 48	13 4	6 37
W27	4 46	20 56	2 5	10 43	1 39	15 13	2 28	25 54	2 29	1 3	1 36	14 32	1 44	22 51	0 2	20 29	1 29	19 2	14 55	18 55	19 11	20 48	13 3	6 37
T 28	4s23	20n19	3s 9	10s59	1n25	15n38	2n33	25n54	2n28	1s 0	1n36	14n34	1n44	22s51	0s 2	20n29	1s29	19s 2	14s55	18s55	19s11	20s48	13s 2	6n38

Julian Day Number = 2293070.5, Delta T = 146.25 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'07, Lahiri = 17°48'07 Julian Calendar 1 Feb. 1566 == Greg. Calendar 11 Feb. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

MARCH 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 12 23	19♓57'30	16♋43	27♒41	6♉ 3	26♊ 9	6°R 6	25°R46	16♐39	9♊42	16♓32	24°R21	25♏26	11♐36	3♒16	F 1
S 2	11 16 20	20°57'10	0♌42	27°47	7° 3	26°33	5♎59	25♌41	16°40	9°42	16°33	24♏16	25°22	11°43	3°20	S 2
S 3	11 20 17	21°56'48	14°34	27°59	8° 2	26°57	5°52	25°37	16°40	9°43	16°35	24° 8	25°19	11°50	3°24	S 3
M 4	11 24 13	22°56'24	28°18	28°16	9° 1	27°22	5°44	25°33	16°41	9°44	16°36	23°58	25°16	11°56	3°27	M 4
T 5	11 28 10	23°55'57	11♍49	28°38	10° 0	27°47	5°37	25°29	16°41	9°45	16°38	23°48	25°13	12° 3	3°31	T 5
W 6	11 32 6	24°55'29	25° 6	29° 5	10°57	28°12	5°29	25°25	16°41	9°46	16°40	23°37	25°10	12°10	3°35	W 6
T 7	11 36 3	25°54'58	8♎ 5	29°36	11°55	28°37	5°22	25°22	16°42	9°46	16°41	23°28	25° 7	12°16	3°38	T 7
F 8	11 39 59	26°54'25	20°48	0♓12	12°52	29° 3	5°14	25°18	16°42	9°47	16°43	23°22	25° 3	12°23	3°42	F 8
S 9	11 43 56	27°53'51	3♏13	0°52	13°48	29°28	5° 7	25°14	16°42	9°48	16°44	23°17	25° 0	12°29	3°45	S 9
S 10	11 47 52	28°53'14	15°24	1°35	14°44	29°54	4°59	25°11	16°42	9°49	16°46	23°15	24°57	12°36	3°49	S 10
M11	11 51 49	29°52'36	27°23	2°23	15°39	0♋20	4°51	25° 7	16°42	9°50	16°47	23°D15	24°54	12°43	3°52	M11
T 12	11 55 45	0♈51'56	9♐14	3°13	16°34	0°47	4°44	25° 4	16°R42	9°51	16°49	23°16	24°51	12°49	3°55	T 12
W13	11 59 42	1°51'14	21° 3	4° 7	17°28	1°13	4°36	25° 0	16°42	9°52	16°50	23°17	24°47	12°56	3°58	W13
T 14	12 3 39	2°50'30	2♑54	5° 4	18°21	1°40	4°28	24°57	16°42	9°53	16°52	23°R17	24°44	13° 3	4° 2	T 14
F 15	12 7 35	3°49'45	14°52	6° 3	19°14	2° 7	4°21	24°54	16°42	9°54	16°53	23°17	24°41	13° 9	4° 5	F 15
S 16	12 11 32	4°48'57	27° 4	7° 5	20° 6	2°35	4°13	24°50	16°42	9°55	16°55	23°14	24°38	13°16	4° 8	S 16
S 17	12 15 28	5°48'08	9♒32	8°10	20°57	3° 2	4° 5	24°47	16°42	9°57	16°56	23° 9	24°35	13°23	4°11	S 17
M18	12 19 25	6°47'17	22°21	9°17	21°48	3°30	3°57	24°44	16°41	9°58	16°58	23° 3	24°32	13°29	4°14	M18
T 19	12 23 21	7°46'24	5♓33	10°27	22°38	3°57	3°50	24°42	16°41	9°59	16°59	22°56	24°28	13°36	4°17	T 19
W20	12 27 18	8°45'29	19° 8	11°39	23°27	4°25	3°42	24°39	16°41	10° 0	17° 1	22°48	24°25	13°43	4°20	W20
T 21	12 31 14	9°44'33	3♈ 3	12°53	24°15	4°53	3°34	24°36	16°40	10° 2	17° 2	22°41	24°22	13°49	4°22	T 21
F 22	12 35 11	10°43'34	17°16	14° 9	25° 2	5°22	3°27	24°33	16°40	10° 3	17° 4	22°35	24°19	13°56	4°25	F 22
S 23	12 39 8	11°42'33	1♉40	15°27	25°49	5°50	3°19	24°31	16°39	10° 4	17° 5	22°32	24°16	14° 3	4°28	S 23
S 24	12 43 4	12°41'30	16°10	16°47	26°35	6°19	3°11	24°28	16°39	10° 6	17° 7	22°D30	24°12	14° 9	4°31	S 24
M25	12 47 1	13°40'25	0♊41	18° 9	27°19	6°48	3° 4	24°26	16°38	10° 7	17° 8	22°30	24° 9	14°16	4°33	M25
T 26	12 50 57	14°39'18	15° 8	19°32	28° 3	7°17	2°56	24°24	16°37	10° 8	17° 9	22°31	24° 6	14°23	4°36	T 26
W27	12 54 54	15°38'08	29°26	20°58	28°46	7°46	2°49	24°22	16°37	10°10	17°11	22°33	24° 3	14°29	4°38	W27
T 28	12 58 50	16°36'56	13♋35	22°25	29°27	8°15	2°42	24°20	16°36	10°11	17°12	22°R34	24° 0	14°36	4°40	T 28
F 29	13 2 47	17°35'42	27°32	23°54	0♊ 8	8°44	2°34	24°18	16°35	10°13	17°14	22°33	23°57	14°43	4°43	F 29
S 30	13 6 43	18°34'25	11♌17	25°24	0°47	9°14	2°27	24°16	16°34	10°14	17°15	22°31	23°53	14°49	4°45	S 30
S 31	13 10 40	19♈33'06	24♌50	26♓57	1♊26	9♋44	2♎20	24♌14	16♐33	10♊16	17♓16	22♏28	23♏50	14♐56	4♒47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s59	18n27	4s 1	11s12	1n10	16n 4	2n38	25n53	2n27	0s57	1n37	14n35	1n44	22s51	0s 2	20n29	1s29	19s 1	14s55	18s54	19s10	20s48	13s 1	6n38
S 2	3 36	15 30	4 39	11 24	0 56	16 28	2 44	25 53	2 26	0 54	1 37	14 37	1 44	22 51	0 2	20 30	1 29	19 1	14 55	18 53	19 9	20 48	13 0	6 38
S 3	3 12	11 43	5 0	11 33	0 42	16 53	2 49	25 53	2 25	0 51	1 37	14 38	1 44	22 51	0 2	20 30	1 29	19 0	14 55	18 51	19 8	20 48	12 58	6 39
M 4	2 49	7 21	5 3	11 40	0 28	17 17	2 54	25 53	2 25	0 48	1 37	14 40	1 44	22 51	0 2	20 30	1 29	18 59	14 56	18 48	19 7	20 48	12 57	6 39
T 5	2 25	2 41	4 49	11 44	0 15	17 41	3 0	25 52	2 24	0 45	1 37	14 41	1 44	22 51	0 2	20 30	1 29	18 59	14 56	18 46	19 7	20 48	12 56	6 39
W 6	2 1	2s 1	4 20	11 47	0 2	18 4	3 5	25 52	2 23	0 42	1 37	14 42	1 44	22 51	0 2	20 30	1 29	18 58	14 56	18 43	19 6	20 48	12 55	6 40
T 7	1 38	6 33	3 37	11 48	0s10	18 27	3 10	25 51	2 22	0 39	1 37	14 43	1 44	22 51	0 2	20 30	1 29	18 58	14 56	18 41	19 5	20 48	12 54	6 40
F 8	1 14	10 41	2 45	11 46	0 22	18 50	3 15	25 51	2 21	0 36	1 37	14 45	1 44	22 51	0 2	20 31	1 29	18 57	14 56	18 39	19 4	20 48	12 53	6 40
S 9	0 50	14 16	1 45	11 43	0 33	19 12	3 20	25 50	2 20	0 33	1 37	14 46	1 44	22 51	0 2	20 31	1 29	18 57	14 56	18 38	19 4	20 48	12 51	6 41
S 10	0 27	17 10	0 42	11 37	0 44	19 34	3 25	25 49	2 19	0 30	1 37	14 47	1 44	22 51	0 2	20 31	1 28	18 56	14 56	18 38	19 3	20 49	12 50	6 41
M11	0 3	19 16	0n22	11 30	0 55	19 55	3 30	25 48	2 19	0 27	1 37	14 48	1 44	22 51	0 2	20 31	1 28	18 56	14 56	18 38	19 2	20 49	12 49	6 42
T 12	0n21	20 29	1 25	11 21	1 5	20 16	3 35	25 47	2 18	0 24	1 37	14 49	1 44	22 51	0 2	20 31	1 28	18 55	14 56	18 38	19 1	20 49	12 48	6 42
W13	0 44	20 48	2 24	11 10	1 14	20 36	3 40	25 46	2 17	0 21	1 37	14 51	1 44	22 51	0 2	20 32	1 28	18 55	14 56	18 38	19 1	20 49	12 47	6 42
T 14	1 8	20 11	3 17	10 58	1 23	20 56	3 45	25 45	2 16	0 18	1 37	14 52	1 43	22 51	0 2	20 32	1 28	18 54	14 56	18 38	19 0	20 49	12 46	6 43
F 15	1 32	18 39	4 2	10 44	1 31	21 16	3 50	25 44	2 15	0 14	1 37	14 53	1 43	22 51	0 2	20 32	1 28	18 54	14 56	18 38	18 59	20 49	12 45	6 43
S 16	1 55	16 16	4 37	10 28	1 39	21 35	3 55	25 43	2 14	0 11	1 37	14 54	1 43	22 51	0 2	20 32	1 28	18 53	14 57	18 37	18 58	20 49	12 44	6 43
S 17	2 19	13 5	5 0	10 10	1 46	21 53	4 0	25 41	2 14	0 8	1 37	14 55	1 43	22 51	0 2	20 32	1 28	18 53	14 57	18 36	18 57	20 48	12 43	6 44
M18	2 42	9 13	5 9	9 51	1 53	22 11	4 4	25 40	2 13	0 5	1 37	14 56	1 43	22 51	0 2	20 33	1 28	18 52	14 57	18 35	18 57	20 48	12 42	6 44
T 19	3 5	4 49	5 1	9 30	1 59	22 29	4 9	25 38	2 12	0 2	1 37	14 57	1 43	22 51	0 2	20 33	1 28	18 52	14 57	18 33	18 56	20 48	12 40	6 45
W20	3 29	0 4	4 37	9 8	2 5	22 46	4 13	25 36	2 11	0n 1	1 37	14 57	1 43	22 51	0 2	20 33	1 28	18 51	14 57	18 31	18 55	20 48	12 39	6 45
T 21	3 52	4n49	3 56	8 45	2 10	23 2	4 18	25 35	2 10	0 4	1 37	14 58	1 43	22 51	0 2	20 33	1 28	18 51	14 57	18 29	18 54	20 48	12 38	6 46
F 22	4 15	9 33	2 59	8 20	2 15	23 18	4 22	25 33	2 10	0 7	1 37	14 59	1 43	22 51	0 2	20 34	1 28	18 50	14 57	18 28	18 54	20 48	12 37	6 46
S 23	4 38	13 49	1 51	7 53	2 19	23 34	4 26	25 31	2 9	0 10	1 37	15 0	1 43	22 51	0 2	20 34	1 28	18 50	14 58	18 27	18 53	20 48	12 36	6 46
S 24	5 1	17 16	0 34	7 25	2 23	23 49	4 30	25 28	2 8	0 13	1 37	15 1	1 43	22 51	0 2	20 34	1 28	18 50	14 58	18 26	18 52	20 48	12 35	6 47
M25	5 24	19 37	0s44	6 56	2 26	24 3	4 34	25 26	2 7	0 16	1 37	15 1	1 43	22 51	0 2	20 34	1 28	18 49	14 58	18 26	18 51	20 48	12 34	6 47
T 26	5 47	20 40	2 0	6 25	2 28	24 17	4 38	25 24	2 6	0 19	1 37	15 2	1 43	22 51	0 2	20 35	1 28	18 49	14 58	18 27	18 50	20 48	12 33	6 48
W27	6 10	20 22	3 8	5 54	2 30	24 30	4 42	25 21	2 6	0 22	1 37	15 3	1 43	22 51	0 2	20 35	1 28	18 48	14 58	18 27	18 50	20 48	12 32	6 48
T 28	6 33	18 46	4 3	5 20	2 32	24 43	4 45	25 19	2 5	0 25	1 37	15 3	1 43	22 51	0 2	20 35	1 28	18 48	14 58	18 27	18 49	20 48	12 31	6 49
F 29	6 55	16 4	4 43	4 46	2 33	24 55	4 49	25 16	2 4	0 27	1 37	15 4	1 43	22 51	0 2	20 35	1 28	18 48	14 59	18 27	18 48	20 48	12 30	6 49
S 30	7 18	12 31	5 6	4 11	2 33	25 7	4 52	25 13	2 3	0 30	1 37	15 4	1 42	22 51	0 2	20 36	1 27	18 47	14 59	18 27	18 47	20 48	12 29	6 49
S 31	7n40	8n22	5s12	3s34	2s33	25n18	4n55	25n10	2n 3	0n33	1n37	15n 5	1n42	22s51	0s 2	20n36	1s27	18s47	14s59	18s26	18s47	20s48	12s28	6n50

Julian Day Number = 2293098.5, Delta T = 146.09 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'11, Lahiri = 17°48'11 Julian Calendar 1 March 1566 == Greg. Calendar 11 March 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

APRIL 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 14 37	20♈31'45	8♍10	28♓31	2♊ 3	10♋13	2°R13	24°R13	16°R32	10♊17	17♓18	22°R23	23♏47	15♐ 2	4♒49	M 1
T 2	13 18 33	21°30'21	21°16	0♈ 6	2°38	10°43	2♎ 6	24♌11	16♐31	10°19	17°19	22♏18	23°44	15° 9	4°51	T 2
W 3	13 22 30	22°28'56	4♎ 9	1°44	3°13	11°13	1°59	24°10	16°30	10°21	17°20	22°13	23°41	15°16	4°53	W 3
T 4	13 26 26	23°27'28	16°48	3°23	3°45	11°44	1°52	24° 8	16°29	10°22	17°22	22° 9	23°38	15°22	4°55	T 4
F 5	13 30 23	24°25'59	29°15	5° 3	4°17	12°14	1°46	24° 7	16°28	10°24	17°23	22° 6	23°34	15°29	4°57	F 5
S 6	13 34 19	25°24'27	11♏29	6°46	4°47	12°44	1°39	24° 6	16°27	10°26	17°24	22° 4	23°31	15°36	4°59	S 6
S 7	13 38 16	26°22'54	23°33	8°30	5°15	13°15	1°33	24° 5	16°25	10°27	17°25	22°D 4	23°28	15°42	5° 1	S 7
M 8	13 42 12	27°21'19	5♐28	10°16	5°42	13°46	1°26	24° 4	16°24	10°29	17°27	22° 4	23°25	15°49	5° 2	M 8
T 9	13 46 9	28°19'42	17°18	12° 3	6° 7	14°16	1°20	24° 3	16°23	10°31	17°28	22° 6	23°22	15°56	5° 4	T 9
W10	13 50 5	29°18'04	29° 7	13°52	6°31	14°47	1°14	24° 2	16°21	10°33	17°29	22° 7	23°18	16° 2	5° 5	W10
T 11	13 54 2	0♑16'24	10♑58	15°43	6°52	15°18	1° 8	24° 2	16°20	10°34	17°30	22° 9	23°15	16° 9	5° 7	T 11
F 12	13 57 59	1°14'43	22°56	17°35	7°12	15°49	1° 2	24° 1	16°18	10°36	17°32	22°10	23°12	16°16	5° 8	F 12
S 13	14 1 55	2°13'00	5♒ 7	19°30	7°30	16°21	0°56	24° 1	16°17	10°38	17°33	22°R10	23° 9	16°22	5°10	S 13
S 14	14 5 52	3°11'15	17°34	21°25	7°46	16°52	0°50	24° 1	16°15	10°40	17°34	22°10	23° 6	16°29	5°11	S 14
M15	14 9 48	4° 9'29	0♓22	23°23	8° 0	17°23	0°45	24° 1	16°14	10°42	17°35	22° 8	23° 3	16°36	5°12	M15
T 16	14 13 45	5° 7'41	13°34	25°22	8°12	17°55	0°40	24°D 0	16°12	10°44	17°36	22° 6	22°59	16°42	5°13	T 16
W17	14 17 41	6° 5'52	27°11	27°23	8°22	18°27	0°34	24° 1	16°11	10°45	17°37	22° 4	22°56	16°49	5°14	W17
T 18	14 21 38	7° 4'01	11♈13	29°26	8°29	18°58	0°29	24° 1	16° 9	10°47	17°38	22° 2	22°53	16°56	5°15	T 18
F 19	14 25 34	8° 2'09	25°38	1♉30	8°35	19°30	0°24	24° 1	16° 7	10°49	17°39	22° 0	22°50	17° 2	5°16	F 19
S 20	14 29 31	9° 0'15	10♉20	3°35	8°38	20° 2	0°20	24° 1	16° 5	10°51	17°41	21°59	22°47	17° 9	5°17	S 20
S 21	14 33 28	9°58'19	25°13	5°42	8°R39	20°34	0°15	24° 2	16° 4	10°53	17°42	21°D59	22°44	17°16	5°18	S 21
M22	14 37 24	10°56'22	10♊ 8	7°49	8°37	21° 7	0°11	24° 2	16° 2	10°55	17°43	22° 0	22°40	17°22	5°18	M22
T 23	14 41 21	11°54'23	24°58	9°58	8°33	21°39	0° 6	24° 3	16° 0	10°57	17°44	22° 0	22°37	17°29	5°19	T 23
W24	14 45 17	12°52'22	9♋37	12° 8	8°27	22°11	0° 2	24° 4	15°58	10°59	17°45	22° 1	22°34	17°36	5°19	W24
T 25	14 49 14	13°50'19	23°59	14°18	8°18	22°44	29♍58	24° 5	15°56	11° 1	17°46	22° 2	22°31	17°42	5°20	T 25
F 26	14 53 10	14°48'15	8♌ 2	16°29	8° 6	23°16	29°54	24° 6	15°54	11° 3	17°47	22° 2	22°28	17°49	5°20	F 26
S 27	14 57 7	15°46'08	21°46	18°40	7°53	23°49	29°51	24° 7	15°52	11° 5	17°48	22°R 2	22°24	17°56	5°21	S 27
S 28	15 1 3	16°44'00	5♍ 9	20°50	7°36	24°21	29°47	24° 8	15°50	11° 7	17°48	22° 2	22°21	18° 2	5°21	S 28
M29	15 5 0	17°41'49	18°14	23° 1	7°18	24°54	29°44	24° 9	15°48	11° 9	17°49	22° 2	22°18	18° 9	5°21	M29
T 30	15 8 57	18♑39'37	1♎ 2	25♑10	6♊57	25♋27	29♍41	24♌11	15♐46	11♊12	17♓50	22♏ 1	22♏15	18♐16	5♒21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 2	3n53	5s 1	2s56	2s33	25n29	4n58	25n 7	2n 2	0n36	1n37	15n 5	1n42	22s51	0s 2	20n36	1s27	18s47	14s59	18s25	18s46	20s48	12s28	6n50
T 2	8 24	0s43	4 34	2 17	2 32	25 39	5 1	25 4	2 1	0 38	1 37	15 6	1 42	22 50	0 2	20 36	1 27	18 46	14 59	18 23	18 45	20 48	12 27	6 51
W 3	8 46	5 13	3 53	1 36	2 30	25 48	5 3	25 1	2 0	0 41	1 36	15 6	1 42	22 50	0 2	20 37	1 27	18 46	15 0	18 22	18 44	20 47	12 26	6 51
T 4	9 8	9 25	3 1	0 55	2 28	25 57	5 6	24 58	2 0	0 44	1 36	15 7	1 42	22 50	0 2	20 37	1 27	18 46	15 0	18 21	18 43	20 47	12 25	6 52
F 5	9 29	13 8	2 2	0 13	2 26	26 5	5 8	24 54	1 59	0 46	1 36	15 7	1 42	22 50	0 2	20 37	1 27	18 45	15 0	18 20	18 43	20 47	12 24	6 52
S 6	9 51	16 14	0 58	0n31	2 22	26 13	5 10	24 51	1 58	0 49	1 36	15 7	1 42	22 50	0 2	20 37	1 27	18 45	15 0	18 20	18 42	20 47	12 23	6 53
S 7	10 12	18 34	0n 8	1 15	2 19	26 20	5 11	24 47	1 57	0 51	1 36	15 7	1 42	22 50	0 2	20 38	1 27	18 45	15 1	18 19	18 41	20 47	12 22	6 53
M 8	10 33	20 4	1 13	2 1	2 15	26 26	5 13	24 43	1 57	0 53	1 36	15 8	1 42	22 50	0 2	20 38	1 27	18 44	15 1	18 20	18 40	20 47	12 21	6 54
T 9	10 54	20 39	2 15	2 47	2 10	26 32	5 14	24 39	1 56	0 56	1 36	15 8	1 42	22 50	0 2	20 38	1 27	18 44	15 1	18 20	18 39	20 47	12 20	6 54
W10	11 15	20 19	3 10	3 34	2 5	26 37	5 15	24 35	1 55	0 58	1 35	15 8	1 41	22 50	0 2	20 39	1 27	18 44	15 1	18 20	18 39	20 47	12 20	6 55
T 11	11 36	19 5	3 58	4 22	1 59	26 41	5 16	24 31	1 54	1 0	1 35	15 8	1 41	22 49	0 2	20 39	1 27	18 44	15 2	18 21	18 38	20 47	12 19	6 55
F 12	11 56	17 0	4 36	5 11	1 53	26 45	5 16	24 26	1 54	1 3	1 35	15 8	1 41	22 49	0 2	20 39	1 27	18 43	15 2	18 21	18 37	20 46	12 18	6 56
S 13	12 16	14 9	5 2	6 0	1 46	26 48	5 16	24 22	1 53	1 5	1 35	15 8	1 41	22 49	0 2	20 40	1 27	18 43	15 2	18 21	18 36	20 46	12 17	6 56
S 14	12 36	10 36	5 15	6 51	1 39	26 51	5 16	24 17	1 52	1 7	1 35	15 8	1 41	22 49	0 2	20 40	1 27	18 43	15 2	18 21	18 35	20 46	12 17	6 56
M15	12 56	6 29	5 13	7 41	1 31	26 52	5 15	24 12	1 52	1 9	1 35	15 8	1 41	22 49	0 2	20 40	1 27	18 43	15 3	18 21	18 35	20 46	12 16	6 57
T 16	13 16	1 57	4 54	8 33	1 23	26 53	5 14	24 7	1 51	1 11	1 34	15 8	1 41	22 49	0 2	20 40	1 27	18 42	15 3	18 20	18 34	20 46	12 15	6 57
W17	13 35	2n50	4 19	9 24	1 15	26 53	5 13	24 2	1 50	1 13	1 34	15 8	1 41	22 49	0 2	20 41	1 27	18 42	15 3	18 20	18 33	20 46	12 14	6 58
T 18	13 54	7 37	3 27	10 16	1 6	26 53	5 11	23 57	1 49	1 15	1 34	15 8	1 41	22 48	0 2	20 41	1 27	18 42	15 3	18 19	18 32	20 46	12 14	6 58
F 19	14 13	12 7	2 21	11 8	0 56	26 51	5 8	23 52	1 49	1 16	1 34	15 8	1 41	22 48	0 2	20 41	1 27	18 42	15 4	18 19	18 31	20 45	12 13	6 59
S 20	14 32	15 58	1 4	12 0	0 47	26 49	5 6	23 47	1 48	1 18	1 34	15 7	1 40	22 48	0 2	20 42	1 27	18 42	15 4	18 18	18 31	20 45	12 12	6 59
S 21	14 50	18 49	0s18	12 52	0 37	26 46	5 2	23 41	1 47	1 20	1 34	15 7	1 40	22 48	0 2	20 42	1 27	18 42	15 4	18 18	18 30	20 45	12 12	7 0
M22	15 9	20 23	1 39	13 44	0 27	26 42	4 59	23 35	1 47	1 21	1 33	15 7	1 40	22 48	0 2	20 42	1 27	18 41	15 5	18 18	18 29	20 45	12 11	7 0
T 23	15 27	20 31	2 53	14 35	0 16	26 38	4 55	23 30	1 46	1 23	1 33	15 7	1 40	22 47	0 2	20 43	1 27	18 41	15 5	18 19	18 28	20 45	12 10	7 1
W24	15 44	19 15	3 55	15 25	0 6	26 32	4 50	23 24	1 45	1 24	1 33	15 6	1 40	22 47	0 2	20 43	1 27	18 41	15 5	18 19	18 27	20 44	12 10	7 1
T 25	16 2	16 45	4 40	16 14	0n 5	26 25	4 45	23 18	1 45	1 26	1 33	15 6	1 40	22 47	0 2	20 43	1 26	18 41	15 5	18 19	18 26	20 44	12 9	7 2
F 26	16 19	13 20	5 8	17 3	0 15	26 18	4 39	23 11	1 44	1 27	1 32	15 5	1 40	22 47	0 2	20 43	1 26	18 41	15 6	18 19	18 26	20 44	12 9	7 2
S 27	16 36	9 16	5 18	17 50	0 26	26 9	4 33	23 5	1 43	1 28	1 32	15 5	1 40	22 47	0 2	20 44	1 26	18 41	15 6	18 19	18 25	20 44	12 8	7 3
S 28	16 53	4 51	5 9	18 35	0 36	26 0	4 26	22 59	1 43	1 30	1 32	15 4	1 40	22 47	0 2	20 44	1 26	18 41	15 6	18 19	18 24	20 44	12 8	7 3
M29	17 9	0 17	4 45	19 19	0 46	25 49	4 18	22 52	1 42	1 31	1 32	15 4	1 40	22 46	0 2	20 44	1 26	18 41	15 7	18 19	18 23	20 43	12 7	7 4
T 30	17n25	4s11	4s 7	20n 0	0n56	25n38	4n10	22n45	1n41	1n32	1n32	15n 3	1n39	22s46	0s 2	20n45	1s26	18s41	15s 7	18s19	18s22	20s43	12s 6	7n 4

Julian Day Number = 2293129.5, Delta T = 145.92 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'15, Lahiri = 17°48'16 Julian Calendar 1 Apr. 1566 == Greg. Calendar 11 Apr. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

MAY 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 12 53	19♉37'24	13♎36	27♉19	6°R34	26♋ 0	29°R38	24♌12	15°R44	11♊14	17♓51	22°R 1	22♏12	18♐22	5°R21	W 1
T 2	15 16 50	20°35'09	25°58	29°26	6♊ 8	26°33	29♍35	24°14	15♐42	11°16	17°52	22♏ 1	22° 9	18°29	5♒21	T 2
F 3	15 20 46	21°32'52	8♏ 8	1♊32	5°41	27° 6	29°32	24°15	15°40	11°18	17°53	22° 0	22° 5	18°36	5°21	F 3
S 4	15 24 43	22°30'34	20°11	3°36	5°12	27°39	29°30	24°17	15°37	11°20	17°54	22° 0	22° 2	18°42	5°21	S 4
S 5	15 28 39	23°28'14	2♐ 6	5°38	4°41	28°12	29°28	24°19	15°35	11°22	17°54	22° 0	21°59	18°49	5°21	S 5
M 6	15 32 36	24°25'54	13°57	7°38	4° 8	28°46	29°26	24°21	15°33	11°24	17°55	22° 0	21°56	18°56	5°20	M 6
T 7	15 36 32	25°23'32	25°46	9°35	3°34	29°19	29°24	24°23	15°31	11°27	17°56	22° 0	21°53	19° 2	5°20	T 7
W 8	15 40 29	26°21'09	7♑36	11°30	2°59	29°53	29°22	24°25	15°29	11°29	17°57	22° 0	21°49	19° 9	5°20	W 8
T 9	15 44 26	27°18'45	19°29	13°23	2°23	0♌26	29°20	24°28	15°26	11°31	17°57	21°59	21°46	19°15	5°19	T 9
F 10	15 48 22	28°16'19	1♒29	15°12	1°46	1° 0	29°19	24°30	15°24	11°33	17°58	21°58	21°43	19°22	5°19	F 10
S 11	15 52 19	29°13'53	13°39	16°59	1° 8	1°33	29°18	24°33	15°22	11°35	17°59	21°58	21°40	19°29	5°18	S 11
S 12	15 56 15	0♊11'26	26° 5	18°44	0°31	2° 7	29°17	24°35	15°19	11°37	17°59	21°D57	21°37	19°35	5°17	S 12
M13	16 0 12	1° 8'58	8♓49	20°25	29♉53	2°41	29°16	24°38	15°17	11°40	18° 0	21°57	21°34	19°42	5°16	M13
T 14	16 4 8	2° 6'29	21°56	22° 3	29°16	3°15	29°15	24°41	15°15	11°42	18° 0	21°58	21°30	19°49	5°16	T 14
W15	16 8 5	3° 4'00	5♈27	23°39	28°38	3°49	29°15	24°44	15°12	11°44	18° 1	21°59	21°27	19°55	5°15	W15
T 16	16 12 1	4° 1'29	19°26	25°11	28° 2	4°23	29°15	24°47	15°10	11°46	18° 2	22° 0	21°24	20° 2	5°14	T 16
F 17	16 15 58	4°58'58	3♉50	26°41	27°27	4°57	29°D14	24°50	15° 7	11°49	18° 2	22° 0	21°21	20° 9	5°13	F 17
S 18	16 19 55	5°56'26	18°36	28° 7	26°52	5°31	29°15	24°53	15° 5	11°51	18° 3	22°R 1	21°18	20°15	5°11	S 18
S 19	16 23 51	6°53'53	3♊38	29°31	26°19	6° 5	29°15	24°56	15° 3	11°53	18° 3	22° 1	21°15	20°22	5°10	S 19
M20	16 27 48	7°51'19	18°48	0♋51	25°48	6°39	29°15	25° 0	15° 0	11°55	18° 4	22° 0	21°11	20°29	5° 9	M20
T 21	16 31 44	8°48'45	3♋56	2° 8	25°18	7°14	29°16	25° 3	14°58	11°57	18° 4	21°58	21° 8	20°35	5° 8	T 21
W22	16 35 41	9°46'09	18°54	3°22	24°50	7°48	29°17	25° 6	14°55	12° 0	18° 4	21°56	21° 5	20°42	5° 6	W22
T 23	16 39 37	10°43'32	3♌33	4°32	24°24	8°23	29°18	25°10	14°53	12° 2	18° 5	21°54	21° 2	20°49	5° 5	T 23
F 24	16 43 34	11°40'54	17°48	5°40	24° 0	8°57	29°19	25°14	14°50	12° 4	18° 5	21°52	20°59	20°55	5° 3	F 24
S 25	16 47 30	12°38'15	1♍38	6°44	23°39	9°32	29°20	25°18	14°48	12° 6	18° 6	21°51	20°55	21° 2	5° 2	S 25
S 26	16 51 27	13°35'35	15° 1	7°44	23°19	10° 6	29°22	25°22	14°45	12° 9	18° 6	21°D50	20°52	21° 9	5° 0	S 26
M27	16 55 24	14°32'54	28° 1	8°41	23° 2	10°41	29°23	25°25	14°43	12°11	18° 6	21°51	20°49	21°15	4°59	M27
T 28	16 59 20	15°30'12	10♎41	9°34	22°47	11°16	29°25	25°30	14°41	12°13	18° 6	21°52	20°46	21°22	4°57	T 28
W29	17 3 17	16°27'29	23° 3	10°24	22°34	11°51	29°27	25°34	14°38	12°15	18° 7	21°54	20°43	21°29	4°55	W29
T 30	17 7 13	17°24'45	5♏12	11°10	22°24	12°26	29°29	25°38	14°36	12°18	18° 7	21°55	20°40	21°35	4°53	T 30
F 31	17 11 10	18♊22'00	17♏12	11♋52	22♉16	13♌ 1	29♍32	25♌42	14♐33	12♊20	18♓ 7	21°R56	20♏36	21♐42	4♒51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n41	8s25	3s18	20n40	1n 6	25n25	4n 2	22n39	1n41	1n33	1n31	15n 3	1n39	22s46	0s 2	20n45	1s26	18s41	15s 7	18s19	18s22	20s43	12s 6	7n 5
T 2	17 56	12 13	2 20	21 17	1 15	25 12	3 52	22 32	1 40	1 34	1 31	15 2	1 39	22 46	0 2	20 45	1 26	18 41	15 8	18 19	18 21	20 43	12 6	7 5
F 3	18 11	15 27	1 16	21 52	1 23	24 57	3 43	22 25	1 39	1 34	1 31	15 1	1 39	22 45	0 2	20 46	1 26	18 41	15 8	18 19	18 20	20 43	12 5	7 6
S 4	18 26	18 0	0 10	22 25	1 31	24 42	3 32	22 17	1 39	1 35	1 31	15 1	1 39	22 45	0 2	20 46	1 26	18 41	15 8	18 19	18 19	20 42	12 5	7 6
S 5	18 41	19 43	0n56	22 55	1 39	24 25	3 21	22 10	1 38	1 36	1 30	15 0	1 39	22 45	0 2	20 46	1 26	18 41	15 9	18 19	18 18	20 42	12 4	7 7
M 6	18 55	20 33	1 59	23 22	1 46	24 8	3 10	22 2	1 37	1 36	1 30	14 59	1 39	22 45	0 2	20 47	1 26	18 41	15 9	18 19	18 17	20 42	12 4	7 7
T 7	19 9	20 29	2 57	23 47	1 52	23 50	2 58	21 55	1 37	1 37	1 30	14 58	1 39	22 45	0 2	20 47	1 26	18 41	15 9	18 19	18 17	20 42	12 3	7 8
W 8	19 23	19 30	3 47	24 9	1 57	23 31	2 46	21 47	1 36	1 37	1 30	14 58	1 39	22 44	0 2	20 47	1 26	18 41	15 10	18 18	18 16	20 41	12 3	7 8
T 9	19 36	17 39	4 28	24 28	2 2	23 11	2 33	21 39	1 35	1 38	1 29	14 57	1 38	22 44	0 2	20 48	1 26	18 41	15 10	18 18	18 15	20 41	12 3	7 9
F 10	19 49	15 2	4 57	24 45	2 6	22 51	2 20	21 31	1 35	1 38	1 29	14 56	1 38	22 44	0 2	20 48	1 26	18 41	15 10	18 18	18 14	20 41	12 2	7 9
S 11	20 2	11 45	5 14	25 0	2 9	22 30	2 6	21 23	1 34	1 38	1 29	14 55	1 38	22 44	0 2	20 48	1 26	18 41	15 11	18 18	18 13	20 41	12 2	7 10
S 12	20 14	7 53	5 17	25 12	2 11	22 8	1 53	21 15	1 33	1 39	1 29	14 54	1 38	22 43	0 2	20 48	1 26	18 41	15 11	18 18	18 13	20 40	12 2	7 10
M13	20 26	3 35	5 4	25 21	2 13	21 47	1 39	21 7	1 33	1 39	1 28	14 53	1 38	22 43	0 2	20 49	1 26	18 41	15 11	18 18	18 12	20 40	12 2	7 11
T 14	20 38	1n 0	4 35	25 29	2 13	21 25	1 25	20 58	1 32	1 39	1 28	14 52	1 38	22 43	0 2	20 49	1 26	18 41	15 12	18 18	18 11	20 40	12 1	7 11
W15	20 49	5 42	3 51	25 34	2 13	21 3	1 11	20 49	1 31	1 39	1 28	14 51	1 38	22 43	0 2	20 49	1 26	18 41	15 12	18 18	18 10	20 40	12 1	7 11
T 16	21 0	10 15	2 51	25 37	2 13	20 41	0 56	20 41	1 31	1 39	1 28	14 50	1 38	22 42	0 2	20 50	1 26	18 41	15 12	18 18	18 9	20 39	12 1	7 12
F 17	21 11	14 23	1 39	25 38	2 11	20 19	0 42	20 32	1 30	1 38	1 27	14 49	1 38	22 42	0 2	20 50	1 26	18 41	15 13	18 19	18 8	20 39	12 1	7 12
S 18	21 21	17 42	0 19	25 37	2 9	19 57	0 28	20 23	1 29	1 38	1 27	14 47	1 38	22 42	0 2	20 50	1 26	18 41	15 13	18 19	18 8	20 39	12 1	7 13
S 19	21 31	19 53	1s 4	25 35	2 5	19 36	0 14	20 14	1 29	1 38	1 27	14 46	1 37	22 42	0 2	20 51	1 26	18 42	15 14	18 19	18 7	20 38	12 0	7 13
M20	21 40	20 39	2 23	25 31	2 1	19 15	0 0	20 4	1 28	1 37	1 27	14 45	1 37	22 41	0 2	20 51	1 26	18 42	15 14	18 18	18 6	20 38	12 0	7 14
T 21	21 49	19 54	3 32	25 25	1 57	18 55	0s14	19 55	1 28	1 37	1 26	14 44	1 37	22 41	0 2	20 51	1 26	18 42	15 14	18 18	18 5	20 38	12 0	7 14
W22	21 58	17 47	4 25	25 18	1 51	18 35	0 27	19 46	1 27	1 36	1 26	14 42	1 37	22 41	0 2	20 52	1 26	18 42	15 15	18 18	18 4	20 38	12 0	7 15
T 23	22 6	14 33	5 0	25 10	1 45	18 16	0 40	19 36	1 26	1 36	1 26	14 41	1 37	22 41	0 2	20 52	1 26	18 42	15 15	18 17	18 3	20 37	12 0	7 15
F 24	22 14	10 32	5 15	25 0	1 38	17 58	0 53	19 26	1 26	1 35	1 26	14 40	1 37	22 40	0 2	20 52	1 26	18 42	15 15	18 16	18 3	20 37	12 0	7 15
S 25	22 22	6 4	5 11	24 49	1 30	17 40	1 5	19 16	1 25	1 34	1 25	14 38	1 37	22 40	0 2	20 52	1 26	18 43	15 16	18 16	18 2	20 37	12 0	7 16
S 26	22 29	1 27	4 50	24 37	1 21	17 24	1 17	19 6	1 24	1 33	1 25	14 37	1 37	22 40	0 2	20 53	1 26	18 43	15 16	18 16	18 1	20 36	12 0	7 16
M27	22 36	3s 7	4 15	24 24	1 12	17 8	1 29	18 56	1 24	1 32	1 25	14 36	1 37	22 39	0 2	20 53	1 26	18 43	15 16	18 16	18 0	20 36	12 0	7 17
T 28	22 42	7 26	3 28	24 11	1 2	16 54	1 40	18 46	1 23	1 31	1 25	14 34	1 37	22 39	0 2	20 53	1 26	18 43	15 17	18 16	17 59	20 36	12 0	7 17
W29	22 48	11 20	2 33	23 56	0 51	16 40	1 51	18 36	1 23	1 30	1 24	14 33	1 37	22 39	0 3	20 54	1 26	18 43	15 17	18 17	17 58	20 35	12 0	7 17
T 30	22 54	14 43	1 31	23 41	0 40	16 28	2 1	18 25	1 22	1 29	1 24	14 31	1 36	22 39	0 3	20 54	1 26	18 44	15 18	18 17	17 57	20 35	12 0	7 18
F 31	22n59	17s25	0s26	23n26	0n28	16n16	2s11	18n15	1n21	1n28	1n24	14n30	1n36	22s38	0s 3	20n54	1s26	18s44	15s18	18s18	17s57	20s35	12s 0	7n18

Julian Day Number = 2293159.5, Delta T = 145.76 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'19, Lahiri = 17°48'20 Julian Calendar 1 May 1566 == Greg. Calendar 11 May 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

JUNE 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 15 6	19♊19'15	29♏ 6	12♋29	22°R11	13♌36	29♍34	25♌47	14°R31	12♊22	18♓ 7	21°R56	20♏33	21♐49	4°R49	S 1
S 2	17 19 3	20°16'29	10♐56	13° 3	22♉ 8	14°11	29°37	25°51	14♐28	12°24	18° 7	21♏54	20°30	21°55	4♒47	S 2
M 3	17 22 59	21°13'42	22°45	13°33	22°D 7	14°46	29°40	25°56	14°26	12°27	18° 8	21°52	20°27	22° 2	4°45	M 3
T 4	17 26 56	22°10'55	4♑35	13°58	22° 9	15°21	29°43	26° 0	14°23	12°29	18° 8	21°48	20°24	22° 9	4°43	T 4
W 5	17 30 53	23° 8'08	16°27	14°19	22°13	15°56	29°46	26° 5	14°21	12°31	18° 8	21°42	20°21	22°15	4°41	W 5
T 6	17 34 49	24° 5'20	28°25	14°35	22°19	16°31	29°50	26°10	14°19	12°33	18° 8	21°37	20°17	22°22	4°38	T 6
F 7	17 38 46	25° 2'32	10♒31	14°47	22°28	17° 7	29°53	26°14	14°16	12°35	18° 8	21°31	20°14	22°29	4°36	F 7
S 8	17 42 42	25°59'44	22°46	14°54	22°38	17°42	29°57	26°19	14°14	12°38	18° 8	21°27	20°11	22°35	4°34	S 8
S 9	17 46 39	26°56'56	5♓13	14°R57	22°51	18°17	0♎ 1	26°24	14°11	12°40	18°R 8	21°23	20° 8	22°42	4°31	S 9
M10	17 50 35	27°54'07	17°57	14°55	23° 5	18°53	0° 5	26°29	14° 9	12°42	18° 8	21°21	20° 5	22°49	4°29	M10
T 11	17 54 32	28°51'19	0♈59	14°49	23°22	19°28	0° 9	26°34	14° 7	12°44	18° 8	21°D21	20° 1	22°55	4°26	T 11
W12	17 58 28	29°48'31	14°23	14°38	23°40	20° 4	0°13	26°40	14° 4	12°46	18° 8	21°21	19°58	23° 2	4°24	W12
T 13	18 2 25	0♋45'43	28°12	14°23	24° 1	20°40	0°18	26°45	14° 2	12°48	18° 8	21°23	19°55	23° 9	4°21	T 13
F 14	18 6 22	1°42'55	12♉26	14° 4	24°23	21°15	0°23	26°50	14° 0	12°51	18° 8	21°24	19°52	23°15	4°19	F 14
S 15	18 10 18	2°40'07	27° 3	13°41	24°47	21°51	0°27	26°56	13°57	12°53	18° 8	21°R24	19°49	23°22	4°16	S 15
S 16	18 14 15	3°37'19	12♊ 1	13°14	25°12	22°27	0°32	27° 1	13°55	12°55	18° 7	21°23	19°46	23°29	4°13	S 16
M17	18 18 11	4°34'32	27°10	12°45	25°39	23° 3	0°38	27° 7	13°53	12°57	18° 7	21°19	19°42	23°35	4°11	M17
T 18	18 22 8	5°31'44	12♋23	12°12	26° 8	23°39	0°43	27°12	13°51	12°59	18° 7	21°14	19°39	23°42	4° 8	T 18
W19	18 26 4	6°28'57	27°29	11°38	26°38	24°15	0°48	27°18	13°48	13° 1	18° 7	21° 8	19°36	23°49	4° 5	W19
T 20	18 30 1	7°26'09	12♌19	11° 2	27° 9	24°51	0°54	27°24	13°46	13° 3	18° 7	21° 1	19°33	23°55	4° 2	T 20
F 21	18 33 58	8°23'21	26°45	10°24	27°42	25°27	1° 0	27°29	13°44	13° 5	18° 6	20°54	19°30	24° 2	3°59	F 21
S 22	18 37 54	9°20'33	10♍42	9°47	28°16	26° 3	1° 5	27°35	13°42	13° 7	18° 6	20°49	19°27	24° 9	3°56	S 22
S 23	18 41 51	10°17'45	24°11	9° 9	28°51	26°39	1°11	27°41	13°40	13° 9	18° 6	20°46	19°23	24°15	3°53	S 23
M24	18 45 47	11°14'57	7♎12	8°33	29°27	27°15	1°18	27°47	13°38	13°12	18° 5	20°D45	19°20	24°22	3°50	M24
T 25	18 49 44	12°12'08	19°50	7°57	0♊ 5	27°51	1°24	27°53	13°36	13°14	18° 5	20°45	19°17	24°29	3°47	T 25
W26	18 53 40	13° 9'20	2♏ 9	7°24	0°44	28°28	1°30	27°59	13°34	13°16	18° 5	20°46	19°14	24°35	3°44	W26
T 27	18 57 37	14° 6'32	14°13	6°54	1°24	29° 4	1°37	28° 5	13°32	13°18	18° 4	20°47	19°11	24°42	3°41	T 27
F 28	19 1 33	15° 3'43	26° 7	6°27	2° 5	29°40	1°44	28°12	13°30	13°20	18° 4	20°R47	19° 7	24°49	3°38	F 28
S 29	19 5 30	16° 0'55	7♐57	6° 4	2°46	0♍17	1°50	28°18	13°28	13°21	18° 3	20°46	19° 4	24°56	3°35	S 29
S 30	19 9 27	16♋58'07	19♐45	5♋45	3♊29	0♍53	1♎57	28♌24	13♐26	13♊23	18♓ 3	20♏42	19♏ 1	25♐ 2	3♒31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	19s22	0n39	23n10	0n15	16n 6	2s20	18n 4	1n21	1n27	1n24	14n28	1n36	22s38	0s 3	20n55	1s26	18s44	15s18	18s17	17s56	20s34	12s 0	7n19
S 2	23 8	20 27	1 42	22 53	0 2	15 56	2 29	17 53	1 20	1 26	1 23	14 26	1 36	22 38	0 3	20 55	1 26	18 45	15 19	18 17	17 55	20 34	12 0	7 19
M 3	23 12	20 37	2 41	22 36	0s12	15 48	2 38	17 43	1 19	1 24	1 23	14 25	1 36	22 38	0 3	20 55	1 26	18 45	15 19	18 16	17 54	20 33	12 0	7 19
T 4	23 16	19 52	3 33	22 20	0 26	15 41	2 46	17 32	1 19	1 23	1 23	14 23	1 36	22 37	0 3	20 55	1 26	18 45	15 19	18 15	17 53	20 33	12 0	7 20
W 5	23 19	18 15	4 15	22 3	0 41	15 34	2 53	17 20	1 18	1 21	1 23	14 21	1 36	22 37	0 3	20 56	1 26	18 45	15 20	18 14	17 52	20 33	12 1	7 20
T 6	23 22	15 50	4 47	21 46	0 56	15 29	3 0	17 9	1 18	1 20	1 22	14 20	1 36	22 37	0 3	20 56	1 26	18 46	15 20	18 13	17 52	20 32	12 1	7 20
F 7	23 24	12 44	5 6	21 29	1 12	15 25	3 7	16 58	1 17	1 18	1 22	14 18	1 36	22 36	0 3	20 56	1 26	18 46	15 21	18 11	17 51	20 32	12 1	7 21
S 8	23 26	9 3	5 12	21 12	1 28	15 21	3 13	16 47	1 16	1 16	1 22	14 16	1 36	22 36	0 3	20 57	1 26	18 46	15 21	18 10	17 50	20 32	12 1	7 21
S 9	23 28	4 55	5 3	20 56	1 44	15 19	3 19	16 35	1 16	1 14	1 22	14 15	1 36	22 36	0 3	20 57	1 26	18 47	15 21	18 9	17 49	20 31	12 1	7 21
M10	23 29	0 30	4 39	20 40	2 0	15 17	3 25	16 23	1 15	1 13	1 21	14 13	1 36	22 36	0 3	20 57	1 26	18 47	15 22	18 8	17 48	20 31	12 2	7 22
T 11	23 29	4n 4	4 0	20 25	2 16	15 16	3 30	16 12	1 15	1 11	1 21	14 11	1 36	22 35	0 3	20 57	1 26	18 47	15 22	18 8	17 47	20 30	12 2	7 22
W12	23 30	8 34	3 8	20 10	2 32	15 16	3 35	16 0	1 14	1 9	1 21	14 9	1 35	22 35	0 3	20 58	1 26	18 48	15 22	18 9	17 46	20 30	12 2	7 22
T 13	23 29	12 46	2 3	19 56	2 48	15 17	3 39	15 48	1 13	1 7	1 21	14 7	1 35	22 35	0 3	20 58	1 26	18 48	15 23	18 9	17 46	20 30	12 3	7 23
F 14	23 29	16 22	0 49	19 43	3 3	15 18	3 43	15 36	1 13	1 5	1 20	14 5	1 35	22 35	0 3	20 58	1 26	18 49	15 23	18 9	17 45	20 29	12 3	7 23
S 15	23 28	19 3	0s31	19 30	3 18	15 20	3 47	15 24	1 12	1 3	1 20	14 3	1 35	22 34	0 3	20 58	1 26	18 49	15 24	18 9	17 44	20 29	12 3	7 23
S 16	23 27	20 28	1 50	19 19	3 33	15 23	3 50	15 11	1 12	1 0	1 20	14 1	1 35	22 34	0 3	20 59	1 26	18 49	15 24	18 9	17 43	20 28	12 4	7 23
M17	23 25	20 26	3 2	19 8	3 46	15 26	3 53	14 59	1 11	0 58	1 20	13 59	1 35	22 34	0 3	20 59	1 26	18 50	15 24	18 8	17 42	20 28	12 4	7 24
T 18	23 23	18 55	4 1	18 58	3 58	15 30	3 56	14 47	1 10	0 56	1 19	13 57	1 35	22 34	0 3	20 59	1 26	18 50	15 25	18 7	17 41	20 28	12 4	7 24
W19	23 20	16 5	4 43	18 50	4 10	15 35	3 58	14 34	1 10	0 53	1 19	13 55	1 35	22 33	0 3	20 59	1 26	18 51	15 25	18 5	17 40	20 27	12 5	7 24
T 20	23 17	12 16	5 5	18 43	4 20	15 40	4 1	14 21	1 9	0 51	1 19	13 53	1 35	22 33	0 3	21 0	1 26	18 51	15 25	18 3	17 40	20 27	12 5	7 24
F 21	23 14	7 49	5 7	18 37	4 29	15 45	4 3	14 9	1 8	0 48	1 19	13 51	1 35	22 33	0 3	21 0	1 26	18 51	15 26	18 1	17 39	20 26	12 6	7 25
S 22	23 10	3 5	4 50	18 32	4 36	15 51	4 4	13 56	1 8	0 46	1 18	13 49	1 35	22 32	0 3	21 0	1 26	18 52	15 26	18 0	17 38	20 26	12 6	7 25
S 23	23 6	1s38	4 18	18 29	4 42	15 57	4 5	13 43	1 7	0 43	1 18	13 47	1 35	22 32	0 3	21 0	1 26	18 52	15 26	17 59	17 37	20 25	12 7	7 25
M24	23 1	6 8	3 33	18 27	4 46	16 4	4 7	13 30	1 7	0 41	1 18	13 45	1 35	22 32	0 3	21 1	1 26	18 53	15 27	17 59	17 36	20 25	12 7	7 25
T 25	22 56	10 14	2 39	18 27	4 49	16 11	4 7	13 17	1 6	0 38	1 18	13 43	1 35	22 32	0 3	21 1	1 26	18 53	15 27	17 59	17 35	20 25	12 8	7 25
W26	22 51	13 47	1 39	18 28	4 50	16 18	4 8	13 4	1 5	0 35	1 18	13 41	1 35	22 32	0 3	21 1	1 26	18 54	15 27	17 59	17 34	20 24	12 8	7 26
T 27	22 45	16 42	0 35	18 30	4 49	16 26	4 8	12 50	1 5	0 32	1 17	13 39	1 35	22 31	0 3	21 1	1 26	18 54	15 28	17 59	17 33	20 24	12 9	7 26
F 28	22 38	18 52	0n29	18 33	4 47	16 34	4 9	12 37	1 4	0 29	1 17	13 36	1 35	22 31	0 3	21 2	1 26	18 55	15 28	17 59	17 33	20 23	12 9	7 26
S 29	22 32	20 11	1 31	18 38	4 43	16 42	4 9	12 23	1 4	0 26	1 17	13 34	1 35	22 31	0 3	21 2	1 26	18 55	15 29	17 59	17 32	20 23	12 10	7 26
S 30	22n25	20s37	2n29	18n44	4s38	16n50	4s 8	12n10	1n 3	0n24	1n17	13n32	1n35	22s31	0s 3	21n 2	1s26	18s56	15s29	17s58	17s31	20s22	12s10	7n26

Julian Day Number = 2293190.5, Delta T = 145.59 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'23, Lahiri = 17°48'24 Julian Calendar 1 June 1566 == Greg. Calendar 11 June 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

JULY 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 13 23	17♋55'20	1♉35	5°R30	4♊13	1♍30	2♎ 4	28♌30	13°R24	13♊25	18°R 2	20°R35	18♏58	25♐ 9	3°R28	M 1
T 2	19 17 20	18°52'32	13°29	5♋21	4°58	2° 7	2°12	28°37	13♐22	13°27	18♓ 2	20♏27	18°55	25°16	3♒25	T 2
W 3	19 21 16	19°49'46	25°28	5°D17	5°43	2°43	2°19	28°43	13°20	13°29	18° 1	20°17	18°52	25°22	3°22	W 3
T 4	19 25 13	20°46'59	7♒35	5°18	6°30	3°20	2°27	28°50	13°18	13°31	18° 1	20° 6	18°48	25°29	3°18	T 4
F 5	19 29 9	21°44'14	19°51	5°24	7°17	3°57	2°34	28°56	13°17	13°33	18° 0	19°55	18°45	25°36	3°15	F 5
S 6	19 33 6	22°41'28	2♓16	5°37	8° 5	4°33	2°42	29° 3	13°15	13°35	18° 0	19°45	18°42	25°42	3°12	S 6
S 7	19 37 2	23°38'44	14°53	5°55	8°54	5°10	2°50	29° 9	13°13	13°37	17°59	19°38	18°39	25°49	3° 9	S 7
M 8	19 40 59	24°36'00	27°42	6°19	9°43	5°47	2°58	29°16	13°12	13°38	17°58	19°32	18°36	25°56	3° 5	M 8
T 9	19 44 56	25°33'18	10♈46	6°49	10°34	6°24	3° 6	29°23	13°10	13°40	17°58	19°29	18°33	26° 2	3° 2	T 9
W10	19 48 52	26°30'36	24° 8	7°25	11°24	7° 1	3°14	29°30	13° 8	13°42	17°57	19°D28	18°29	26° 9	2°59	W10
T 11	19 52 49	27°27'55	7♉49	8° 6	12°16	7°38	3°22	29°36	13° 7	13°44	17°56	19°28	18°26	26°16	2°55	T 11
F 12	19 56 45	28°25'16	21°51	8°54	13° 8	8°15	3°31	29°43	13° 5	13°45	17°56	19°R29	18°23	26°22	2°52	F 12
S 13	20 0 42	29°22'37	6♊14	9°47	14° 1	8°52	3°39	29°50	13° 4	13°47	17°55	19°28	18°20	26°29	2°48	S 13
S 14	20 4 38	0♌20'00	20°55	10°46	14°54	9°30	3°48	29°57	13° 3	13°49	17°54	19°25	18°17	26°36	2°45	S 14
M15	20 8 35	1°17'24	5♋51	11°50	15°48	10° 7	3°57	0♍ 4	13° 1	13°50	17°53	19°19	18°13	26°42	2°42	M15
T 16	20 12 31	2°14'48	20°53	12°59	16°42	10°44	4° 5	0°11	13° 0	13°52	17°53	19°11	18°10	26°49	2°38	T 16
W17	20 16 28	3°12'14	5♌53	14°14	17°37	11°22	4°14	0°18	12°59	13°54	17°52	19° 1	18° 7	26°56	2°35	W17
T 18	20 20 25	4° 9'41	20°40	15°34	18°33	11°59	4°24	0°25	12°57	13°55	17°51	18°50	18° 4	27° 2	2°32	T 18
F 19	20 24 21	5° 7'08	5♍ 6	16°59	19°29	12°36	4°33	0°32	12°56	13°57	17°50	18°40	18° 1	27° 9	2°28	F 19
S 20	20 28 18	6° 4'36	19° 7	18°29	20°25	13°14	4°42	0°39	12°55	13°58	17°49	18°31	17°58	27°16	2°25	S 20
S 21	20 32 14	7° 2'05	2♎39	20° 3	21°22	13°51	4°51	0°46	12°54	14° 0	17°49	18°25	17°54	27°22	2°21	S 21
M22	20 36 11	7°59'34	15°44	21°41	22°19	14°29	5° 1	0°53	12°53	14° 1	17°48	18°21	17°51	27°29	2°18	M22
T 23	20 40 7	8°57'05	28°24	23°24	23°17	15° 7	5°10	1° 1	12°52	14° 3	17°47	18°20	17°48	27°36	2°15	T 23
W24	20 44 4	9°54'36	10♏43	25°10	24°15	15°44	5°20	1° 8	12°51	14° 4	17°46	18°19	17°45	27°42	2°11	W24
T 25	20 48 0	10°52'08	22°47	26°59	25°13	16°22	5°30	1°15	12°50	14° 6	17°45	18°19	17°42	27°49	2° 8	T 25
F 26	20 51 57	11°49'42	4♐40	28°51	26°12	17° 0	5°40	1°22	12°49	14° 7	17°44	18°19	17°39	27°56	2° 5	F 26
S 27	20 55 54	12°47'16	16°30	0♌45	27°12	17°38	5°50	1°30	12°48	14° 8	17°43	18°16	17°35	28° 2	2° 1	S 27
S 28	20 59 50	13°44'51	28°19	2°42	28°11	18°16	6° 0	1°37	12°47	14°10	17°42	18°11	17°32	28° 9	1°58	S 28
M29	21 3 47	14°42'27	10♉11	4°40	29°11	18°54	6°10	1°44	12°47	14°11	17°41	18° 3	17°29	28°16	1°55	M29
T 30	21 7 43	15°40'04	22°11	6°40	0♋12	19°31	6°20	1°52	12°46	14°12	17°40	17°53	17°26	28°22	1°52	T 30
W31	21 11 40	16♌37'42	4♒20	8♌40	1♋13	20♍10	6♎30	1♍59	12♐45	14♊14	17♓39	17♏41	17♏23	28♐29	1♒48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n17	20s 9	3n21	18n51	4s32	16n58	4s 8	11n56	1n 3	0n20	1n16	13n30	1n34	22s30	0s 3	21n 2	1s26	18s56	15s29	17s56	17s30	20s22	12s11	7n26
T 2	22 10	18 46	4 4	19 0	4 24	17 7	4 7	11 43	1 2	0 17	1 16	13 27	1 34	22 30	0 3	21 2	1 26	18 57	15 30	17 54	17 29	20 21	12 11	7 27
W 3	22 2	16 34	4 36	19 9	4 15	17 16	4 7	11 29	1 1	0 14	1 16	13 25	1 34	22 30	0 3	21 3	1 26	18 57	15 30	17 51	17 28	20 21	12 12	7 27
T 4	21 53	13 38	4 57	19 19	4 5	17 24	4 6	11 15	1 1	0 11	1 16	13 23	1 34	22 30	0 3	21 3	1 26	18 58	15 30	17 48	17 27	20 20	12 13	7 27
F 5	21 44	10 5	5 4	19 30	3 53	17 33	4 5	11 1	1 0	0 8	1 16	13 21	1 34	22 30	0 3	21 3	1 26	18 58	15 30	17 46	17 27	20 20	12 13	7 27
S 6	21 35	6 4	4 57	19 41	3 42	17 42	4 3	10 47	1 0	0 5	1 15	13 18	1 34	22 29	0 3	21 3	1 26	18 59	15 31	17 43	17 26	20 19	12 14	7 27
S 7	21 25	1 44	4 35	19 53	3 29	17 51	4 2	10 33	0 59	0 1	1 15	13 16	1 34	22 29	0 3	21 3	1 26	18 59	15 31	17 41	17 25	20 19	12 15	7 27
M 8	21 15	2n45	3 59	20 5	3 16	18 0	4 0	10 19	0 58	0s 2	1 15	13 14	1 34	22 29	0 3	21 4	1 26	19 0	15 31	17 39	17 24	20 18	12 15	7 27
T 9	21 5	7 12	3 11	20 17	3 2	18 9	3 58	10 5	0 58	0 5	1 15	13 11	1 34	22 29	0 3	21 4	1 26	19 0	15 32	17 39	17 23	20 18	12 16	7 27
W10	20 54	11 24	2 11	20 30	2 48	18 18	3 57	9 50	0 57	0 9	1 15	13 9	1 34	22 29	0 3	21 4	1 26	19 1	15 32	17 38	17 22	20 17	12 17	7 27
T 11	20 43	15 7	1 2	20 42	2 33	18 26	3 55	9 36	0 57	0 12	1 14	13 6	1 34	22 28	0 3	21 4	1 26	19 1	15 32	17 38	17 21	20 17	12 17	7 27
F 12	20 31	18 4	0s13	20 54	2 18	18 35	3 52	9 21	0 56	0 16	1 14	13 4	1 34	22 28	0 3	21 4	1 26	19 2	15 33	17 38	17 20	20 16	12 18	7 27
S 13	20 20	19 57	1 28	21 5	2 3	18 44	3 50	9 7	0 55	0 19	1 14	13 1	1 34	22 28	0 3	21 5	1 27	19 2	15 33	17 38	17 19	20 16	12 19	7 27
S 14	20 8	20 32	2 39	21 16	1 48	18 52	3 48	8 52	0 55	0 23	1 14	12 59	1 34	22 28	0 3	21 5	1 27	19 3	15 33	17 37	17 19	20 15	12 20	7 27
M15	19 55	19 42	3 40	21 25	1 33	19 0	3 45	8 38	0 54	0 27	1 14	12 57	1 34	22 28	0 3	21 5	1 27	19 4	15 34	17 36	17 18	20 15	12 20	7 27
T 16	19 42	17 29	4 26	21 34	1 18	19 8	3 43	8 23	0 54	0 30	1 13	12 54	1 34	22 27	0 3	21 5	1 27	19 4	15 34	17 34	17 17	20 14	12 21	7 27
W17	19 29	14 6	4 54	21 41	1 3	19 16	3 40	8 8	0 53	0 34	1 13	12 52	1 34	22 27	0 3	21 5	1 27	19 5	15 34	17 31	17 16	20 14	12 22	7 27
T 18	19 16	9 52	5 2	21 47	0 48	19 24	3 37	7 53	0 52	0 38	1 13	12 49	1 34	22 27	0 3	21 5	1 27	19 5	15 34	17 28	17 15	20 13	12 23	7 27
F 19	19 2	5 10	4 50	21 51	0 34	19 31	3 34	7 38	0 52	0 42	1 13	12 47	1 34	22 27	0 3	21 5	1 27	19 6	15 35	17 25	17 14	20 13	12 23	7 27
S 20	18 48	0 19	4 20	21 53	0 20	19 38	3 31	7 24	0 51	0 46	1 13	12 44	1 34	22 27	0 3	21 6	1 27	19 6	15 35	17 23	17 13	20 12	12 24	7 27
S 21	18 33	4s23	3 37	21 53	0 7	19 45	3 28	7 9	0 51	0 49	1 13	12 41	1 34	22 27	0 3	21 6	1 27	19 7	15 35	17 21	17 12	20 12	12 25	7 27
M22	18 19	8 43	2 44	21 50	0n 6	19 52	3 25	6 53	0 50	0 53	1 12	12 39	1 34	22 27	0 3	21 6	1 27	19 8	15 35	17 20	17 12	20 11	12 26	7 27
T 23	18 4	12 32	1 44	21 46	0 18	19 58	3 21	6 38	0 49	0 57	1 12	12 36	1 34	22 27	0 3	21 6	1 27	19 8	15 36	17 19	17 11	20 10	12 27	7 27
W24	17 48	15 43	0 40	21 38	0 30	20 4	3 18	6 23	0 49	1 1	1 12	12 34	1 34	22 26	0 3	21 6	1 27	19 9	15 36	17 19	17 10	20 10	12 27	7 27
T 25	17 33	18 8	0n24	21 28	0 41	20 10	3 15	6 8	0 48	1 5	1 12	12 31	1 34	22 26	0 3	21 6	1 27	19 9	15 36	17 19	17 9	20 9	12 28	7 27
F 26	17 17	19 43	1 26	21 16	0 51	20 15	3 11	5 53	0 48	1 9	1 12	12 29	1 34	22 26	0 3	21 6	1 27	19 10	15 36	17 19	17 8	20 9	12 29	7 27
S 27	17 1	20 26	2 23	21 1	1 0	20 21	3 7	5 37	0 47	1 14	1 12	12 26	1 34	22 26	0 3	21 7	1 27	19 11	15 37	17 18	17 7	20 8	12 30	7 26
S 28	16 44	20 14	3 15	20 43	1 8	20 25	3 4	5 22	0 46	1 18	1 11	12 23	1 34	22 26	0 3	21 7	1 27	19 11	15 37	17 17	17 6	20 8	12 31	7 26
M29	16 28	19 9	3 58	20 22	1 16	20 30	3 0	5 6	0 46	1 22	1 11	12 21	1 34	22 26	0 3	21 7	1 27	19 12	15 37	17 15	17 5	20 7	12 31	7 26
T 30	16 11	17 12	4 31	19 59	1 23	20 33	2 56	4 51	0 45	1 26	1 11	12 18	1 34	22 26	0 3	21 7	1 27	19 12	15 37	17 12	17 4	20 6	12 32	7 26
W31	15n53	14s29	4n52	19n33	1n28	20n37	2s52	4n35	0n45	1s30	1n11	12n15	1n34	22s26	0s 3	21n 7	1s27	19s13	15s38	17s 9	17s 3	20s 6	12s33	7n26

Julian Day Number = 2293220.5, Delta T = 145.43 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'28, Lahiri = 17°48'28 Julian Calendar 1 July 1566 == Greg. Calendar 11 July 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

AUGUST 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 15 36	17♌35'22	16♒39	10♌41	2♋14	20♍48	6♎41	2♍ 7	12°R45	14♊15	17°R38	17°R27	17♏19	28♐36	1°R45	T 1
F 2	21 19 33	18°33'03	29°10	12°43	3°15	21°26	6°51	2°14	12♐44	14°16	17♓37	17♏14	17°16	28°42	1♒42	F 2
S 3	21 23 29	19°30'45	11♓51	14°45	4°17	22° 4	7° 2	2°21	12°44	14°17	17°36	17° 2	17°13	28°49	1°39	S 3
S 4	21 27 26	20°28'29	24°44	16°46	5°19	22°42	7°12	2°29	12°43	14°18	17°35	16°52	17°10	28°56	1°36	S 4
M 5	21 31 23	21°26'14	7♈48	18°47	6°21	23°20	7°23	2°36	12°43	14°19	17°34	16°45	17° 7	29° 3	1°33	M 5
T 6	21 35 19	22°24'01	21° 3	20°48	7°24	23°59	7°34	2°44	12°42	14°20	17°33	16°41	17° 4	29° 9	1°30	T 6
W 7	21 39 16	23°21'50	4♉31	22°47	8°27	24°37	7°45	2°51	12°42	14°21	17°32	16°39	17° 0	29°16	1°27	W 7
T 8	21 43 12	24°19'40	18°12	24°46	9°30	25°15	7°56	2°59	12°42	14°23	17°31	16°39	16°57	29°23	1°24	T 8
F 9	21 47 9	25°17'33	2♊ 8	26°44	10°33	25°54	8° 7	3° 6	12°42	14°24	17°30	16°39	16°54	29°29	1°21	F 9
S 10	21 51 5	26°15'27	16°19	28°41	11°37	26°32	8°18	3°14	12°42	14°24	17°28	16°38	16°51	29°36	1°18	S 10
S 11	21 55 2	27°13'23	0♋42	0♍37	12°41	27°11	8°29	3°22	12°41	14°25	17°27	16°35	16°48	29°43	1°15	S 11
M12	21 58 58	28°11'21	15°17	2°31	13°45	27°50	8°40	3°29	12°D41	14°26	17°26	16°29	16°44	29°49	1°12	M12
T 13	22 2 55	29° 9'21	29°57	4°24	14°50	28°28	8°52	3°37	12°41	14°27	17°25	16°21	16°41	29°56	1° 9	T 13
W14	22 6 52	0♍ 7'23	14♌36	6°17	15°55	29° 7	9° 3	3°44	12°41	14°28	17°24	16°10	16°38	0♑ 3	1° 6	W14
T 15	22 10 48	1° 5'26	29° 7	8° 7	17° 0	29°46	9°14	3°52	12°42	14°29	17°23	15°59	16°35	0° 9	1° 4	T 15
F 16	22 14 45	2° 3'30	13♍21	9°57	18° 5	0♎25	9°26	3°59	12°42	14°30	17°22	15°48	16°32	0°16	1° 1	F 16
S 17	22 18 41	3° 1'37	27°15	11°45	19°10	1° 4	9°37	4° 7	12°42	14°30	17°20	15°39	16°29	0°23	0°58	S 17
S 18	22 22 38	3°59'45	10♎43	13°32	20°16	1°42	9°49	4°15	12°42	14°31	17°19	15°32	16°25	0°29	0°56	S 18
M19	22 26 34	4°57'54	23°47	15°18	21°22	2°21	10° 1	4°22	12°42	14°32	17°18	15°28	16°22	0°36	0°53	M19
T 20	22 30 31	5°56'05	6♏27	17° 3	22°28	3° 1	10°12	4°30	12°43	14°32	17°17	15°26	16°19	0°43	0°51	T 20
W21	22 34 27	6°54'18	18°48	18°46	23°34	3°40	10°24	4°37	12°43	14°33	17°16	15°D26	16°16	0°49	0°48	W21
T 22	22 38 24	7°52'32	0♐53	20°28	24°41	4°19	10°36	4°45	12°44	14°34	17°14	15°26	16°13	0°56	0°46	T 22
F 23	22 42 20	8°50'48	12°48	22°10	25°47	4°58	10°48	4°52	12°44	14°34	17°13	15°R26	16°10	1° 3	0°43	F 23
S 24	22 46 17	9°49'05	24°39	23°49	26°54	5°37	11° 0	5° 0	12°45	14°35	17°12	15°25	16° 6	1° 9	0°41	S 24
S 25	22 50 14	10°47'24	6♑29	25°28	28° 1	6°16	11°12	5° 8	12°45	14°35	17°11	15°22	16° 3	1°16	0°39	S 25
M26	22 54 10	11°45'44	18°25	27° 6	29° 8	6°56	11°24	5°15	12°46	14°36	17°10	15°16	16° 0	1°23	0°36	M26
T 27	22 58 7	12°44'06	0♒30	28°42	0♌16	7°35	11°36	5°23	12°47	14°36	17° 8	15° 8	15°57	1°30	0°34	T 27
W28	23 2 3	13°42'30	12°47	0♎18	1°23	8°15	11°48	5°30	12°48	14°36	17° 7	14°59	15°54	1°36	0°32	W28
T 29	23 6 0	14°40'55	25°18	1°52	2°31	8°54	12° 0	5°38	12°48	14°37	17° 6	14°48	15°50	1°43	0°30	T 29
F 30	23 9 56	15°39'23	8♓ 4	3°25	3°39	9°34	12°13	5°45	12°49	14°37	17° 5	14°37	15°47	1°50	0°28	F 30
S 31	23 13 53	16♍37'52	21♓ 5	4♎57	4♌47	10♎13	12♎25	5♍53	12♐50	14♊37	17♓ 3	14♏28	15♏44	1♑56	0♒26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n36	11s 7	5n 0	19n 5	1n33	20n40	2s48	4n20	0n44	1s35	1n11	12n13	1n34	22s26	0s 3	21n 7	1s27	19s14	15s38	17s 5	17s 3	20s 5	12s34	7n26	T 1
F 2	15 18	7 12	4 54	18 35	1 37	20 43	2 44	4 4	0 43	1 39	1 11	12 10	1 34	22 26	0 3	21 7	1 27	19 14	15 38	17 1	17 2	20 5	12 35	7 25	F 2
S 3	15 0	2 56	4 33	18 3	1 41	20 45	2 40	3 49	0 43	1 43	1 10	12 7	1 34	22 26	0 3	21 7	1 27	19 15	15 38	16 58	17 1	20 4	12 36	7 25	S 3
S 4	14 42	1n32	3 58	17 29	1 43	20 47	2 36	3 33	0 42	1 47	1 10	12 5	1 34	22 26	0 3	21 7	1 27	19 15	15 38	16 55	17 0	20 3	12 37	7 25	S 4
M 5	14 23	6 0	3 10	16 53	1 45	20 48	2 32	3 17	0 42	1 52	1 10	12 2	1 34	22 25	0 3	21 8	1 27	19 16	15 39	16 53	16 59	20 3	12 37	7 25	M 5
T 6	14 5	10 15	2 11	16 16	1 46	20 49	2 28	3 2	0 41	1 56	1 10	11 59	1 34	22 25	0 3	21 8	1 27	19 16	15 39	16 52	16 58	20 2	12 38	7 25	T 6
W 7	13 46	14 3	1 4	15 37	1 46	20 50	2 24	2 46	0 41	2 1	1 10	11 57	1 34	22 25	0 3	21 8	1 27	19 17	15 39	16 51	16 57	20 2	12 39	7 24	W 7
T 8	13 27	17 9	0s 8	14 57	1 46	20 50	2 20	2 30	0 40	2 5	1 10	11 54	1 35	22 25	0 3	21 8	1 27	19 18	15 39	16 51	16 56	20 1	12 40	7 24	T 8
F 9	13 7	19 19	1 21	14 16	1 45	20 49	2 16	2 14	0 39	2 10	1 10	11 51	1 35	22 25	0 3	21 8	1 27	19 18	15 39	16 51	16 55	20 0	12 41	7 24	F 9
S 10	12 48	20 18	2 30	13 34	1 43	20 48	2 11	1 58	0 39	2 14	1 9	11 49	1 35	22 25	0 3	21 8	1 27	19 19	15 39	16 51	16 54	20 0	12 42	7 24	S 10
S 11	12 28	19 59	3 31	12 51	1 41	20 47	2 7	1 42	0 38	2 19	1 9	11 46	1 35	22 25	0 3	21 8	1 28	19 19	15 40	16 50	16 54	19 59	12 43	7 23	S 11
M12	12 8	18 20	4 18	12 8	1 38	20 45	2 3	1 26	0 38	2 23	1 9	11 43	1 35	22 25	0 3	21 8	1 28	19 20	15 40	16 48	16 53	19 58	12 44	7 23	M12
T 13	11 48	15 29	4 49	11 23	1 35	20 42	1 59	1 10	0 37	2 28	1 9	11 41	1 35	22 25	0 3	21 8	1 28	19 21	15 40	16 46	16 52	19 58	12 44	7 23	T 13
W14	11 27	11 41	5 1	10 39	1 31	20 39	1 54	0 54	0 36	2 32	1 9	11 38	1 35	22 25	0 3	21 8	1 28	19 21	15 40	16 43	16 51	19 57	12 45	7 23	W14
T 15	11 7	7 13	4 54	9 54	1 27	20 36	1 50	0 38	0 36	2 37	1 9	11 35	1 35	22 25	0 3	21 8	1 28	19 22	15 40	16 40	16 50	19 57	12 46	7 22	T 15
F 16	10 46	2 26	4 28	9 8	1 23	20 32	1 46	0 22	0 35	2 42	1 9	11 32	1 35	22 25	0 3	21 8	1 28	19 22	15 40	16 37	16 49	19 56	12 47	7 22	F 16
S 17	10 25	2s22	3 46	8 22	1 18	20 27	1 41	0 6	0 35	2 46	1 9	11 30	1 35	22 25	0 3	21 8	1 28	19 23	15 40	16 34	16 48	19 55	12 48	7 22	S 17
S 18	10 4	6 55	2 53	7 36	1 13	20 22	1 37	0s10	0 34	2 51	1 8	11 27	1 35	22 25	0 3	21 8	1 28	19 23	15 40	16 32	16 47	19 55	12 49	7 21	S 18
M19	9 43	11 0	1 52	6 51	1 8	20 16	1 32	0 26	0 33	2 56	1 8	11 24	1 35	22 26	0 3	21 8	1 28	19 24	15 41	16 31	16 46	19 54	12 50	7 21	M19
T 20	9 21	14 27	0 48	6 4	1 2	20 10	1 28	0 42	0 33	3 0	1 8	11 22	1 35	22 26	0 3	21 8	1 28	19 25	15 41	16 30	16 45	19 53	12 50	7 21	T 20
W21	9 0	17 10	0n18	5 18	0 56	20 3	1 24	0 58	0 32	3 5	1 8	11 19	1 35	22 26	0 3	21 8	1 28	19 25	15 41	16 30	16 44	19 53	12 51	7 20	W21
T 22	8 38	19 3	1 21	4 33	0 50	19 56	1 19	1 14	0 32	3 10	1 8	11 16	1 35	22 26	0 3	21 8	1 28	19 26	15 41	16 30	16 44	19 52	12 52	7 20	T 22
F 23	8 16	20 4	2 21	3 47	0 43	19 48	1 15	1 30	0 31	3 15	1 8	11 13	1 35	22 26	0 3	21 9	1 28	19 26	15 41	16 30	16 43	19 51	12 53	7 20	F 23
S 24	7 54	20 10	3 13	3 1	0 36	19 40	1 11	1 46	0 30	3 19	1 8	11 11	1 35	22 26	0 3	21 9	1 28	19 27	15 41	16 30	16 42	19 51	12 54	7 19	S 24
S 25	7 32	19 23	3 57	2 15	0 30	19 31	1 6	2 2	0 30	3 24	1 8	11 8	1 35	22 26	0 3	21 9	1 28	19 27	15 41	16 29	16 41	19 50	12 55	7 19	S 25
M26	7 10	17 44	4 32	1 30	0 23	19 22	1 2	2 19	0 29	3 29	1 8	11 5	1 36	22 26	0 3	21 9	1 28	19 28	15 41	16 27	16 40	19 49	12 56	7 18	M26
T 27	6 48	15 18	4 54	0 45	0 16	19 12	0 58	2 35	0 29	3 34	1 8	11 3	1 36	22 26	0 3	21 9	1 28	19 28	15 41	16 25	16 39	19 48	12 56	7 18	T 27
W28	6 25	12 9	5 4	0 1	0 8	19 2	0 53	2 51	0 28	3 39	1 7	11 0	1 36	22 26	0 3	21 9	1 28	19 29	15 41	16 22	16 38	19 48	12 57	7 18	W28
T 29	6 3	8 25	4 59	0s44	0 1	18 51	0 49	3 7	0 27	3 43	1 7	10 57	1 36	22 26	0 3	21 9	1 28	19 29	15 41	16 19	16 37	19 47	12 58	7 17	T 29
F 30	5 40	4 15	4 39	1 28	0s 7	18 39	0 45	3 23	0 27	3 48	1 7	10 54	1 36	22 26	0 3	21 9	1 28	19 30	15 41	16 16	16 36	19 46	12 59	7 17	F 30
S 31	5n17	0n12	4n 5	2s11	0s14	18n27	0s41	3s39	0n26	3s53	1n 7	10n52	1n36	22s27	0s 3	21n 9	1s28	19s30	15s41	16s13	16s35	19s46	13s 0	7n16	S 31

Julian Day Number = 2293251.5, Delta T = 145.26 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'32, Lahiri = 17°48'32 Julian Calendar 1 Aug. 1566 == Greg. Calendar 11 Aug. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

SEPTEMBER 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 17 49	17♍36'23	4♈19	6♎28	5♌55	10♎53	12♎37	6♍ 0	12♐51	14♊38	17°R 2	14°R20	15♏41	2♑ 3	0°R24	S 1
M 2	23 21 46	18°34'56	17°45	7°58	7° 4	11°33	12°50	6° 8	12°52	14°38	17♓ 1	14♏14	15°38	2°10	0♒22	M 2
T 3	23 25 43	19°33'31	1♉21	9°27	8°13	12°12	13° 2	6°15	12°53	14°38	17° 0	14°12	15°35	2°16	0°21	T 3
W 4	23 29 39	20°32'08	15° 6	10°55	9°21	12°52	13°15	6°23	12°54	14°38	16°59	14°D11	15°31	2°23	0°19	W 4
T 5	23 33 36	21°30'48	29° 0	12°21	10°30	13°32	13°27	6°30	12°56	14°38	16°57	14°11	15°28	2°30	0°17	T 5
F 6	23 37 32	22°29'29	13♊ 0	13°47	11°39	14°12	13°40	6°37	12°57	14°38	16°56	14°12	15°25	2°36	0°16	F 6
S 7	23 41 29	23°28'14	27° 7	15°12	12°49	14°52	13°52	6°45	12°58	14°38	16°55	14°R13	15°22	2°43	0°14	S 7
S 8	23 45 25	24°27'00	11♋19	16°35	13°58	15°32	14° 5	6°52	12°59	14°R38	16°54	14°11	15°19	2°50	0°13	S 8
M 9	23 49 22	25°25'49	25°34	17°57	15° 7	16°12	14°17	6°59	13° 1	14°38	16°53	14° 8	15°16	2°56	0°11	M 9
T 10	23 53 18	26°24'40	9♌50	19°18	16°17	16°52	14°30	7° 7	13° 2	14°38	16°51	14° 3	15°12	3° 3	0°10	T 10
W11	23 57 15	27°23'33	24° 2	20°38	17°27	17°32	14°43	7°14	13° 4	14°38	16°50	13°56	15° 9	3°10	0° 9	W11
T 12	0 1 12	28°22'29	8♍ 6	21°56	18°37	18°12	14°55	7°21	13° 5	14°38	16°49	13°48	15° 6	3°17	0° 7	T 12
F 13	0 5 8	29°21'26	21°58	23°13	19°47	18°53	15° 8	7°29	13° 7	14°38	16°48	13°41	15° 3	3°23	0° 6	F 13
S 14	0 9 5	0♎20'26	5♎32	24°29	20°57	19°33	15°21	7°36	13° 8	14°38	16°47	13°35	15° 0	3°30	0° 5	S 14
S 15	0 13 1	1°19'28	18°48	25°43	22° 7	20°13	15°34	7°43	13°10	14°38	16°45	13°30	14°56	3°37	0° 4	S 15
M16	0 16 58	2°18'31	1♏44	26°55	23°18	20°54	15°47	7°50	13°12	14°37	16°44	13°28	14°53	3°43	0° 3	M16
T 17	0 20 54	3°17'37	14°20	28° 6	24°28	21°34	16° 0	7°57	13°14	14°37	16°43	13°D27	14°50	3°50	0° 2	T 17
W18	0 24 51	4°16'44	26°39	29°15	25°39	22°15	16°12	8° 4	13°15	14°37	16°42	13°28	14°47	3°57	0° 2	W18
T 19	0 28 47	5°15'54	8♐44	0♏22	26°50	22°55	16°25	8°11	13°17	14°36	16°41	13°29	14°44	4° 3	0° 1	T 19
F 20	0 32 44	6°15'05	20°40	1°27	28° 1	23°36	16°38	8°18	13°19	14°36	16°40	13°31	14°41	4°10	0° 0	F 20
S 21	0 36 40	7°14'18	2♑31	2°29	29°12	24°17	16°51	8°25	13°21	14°36	16°38	13°R32	14°37	4°17	29♑59	S 21
S 22	0 40 37	8°13'33	14°23	3°30	0♍23	24°58	17° 4	8°32	13°23	14°35	16°37	13°32	14°34	4°23	29°59	S 22
M23	0 44 34	9°12'49	26°19	4°27	1°34	25°38	17°17	8°39	13°25	14°35	16°36	13°30	14°31	4°30	29°59	M23
T 24	0 48 30	10°12'08	8♒26	5°22	2°46	26°19	17°30	8°46	13°27	14°34	16°35	13°27	14°28	4°37	29°58	T 24
W25	0 52 27	11°11'28	20°47	6°13	3°57	27° 0	17°43	8°53	13°29	14°34	16°34	13°23	14°25	4°43	29°58	W25
T 26	0 56 23	12°10'50	3♓25	7° 1	5° 9	27°41	17°56	9° 0	13°31	14°33	16°33	13°18	14°21	4°50	29°58	T 26
F 27	1 0 20	13°10'14	16°22	7°45	6°20	28°22	18° 9	9° 6	13°34	14°32	16°32	13°13	14°18	4°57	29°58	F 27
S 28	1 4 16	14° 9'39	29°38	8°24	7°32	29° 3	18°22	9°13	13°36	14°32	16°31	13° 8	14°15	5° 4	29°57	S 28
S 29	1 8 13	15° 9'07	13♈13	9° 0	8°44	29°44	18°35	9°20	13°38	14°31	16°30	13° 4	14°12	5°10	29°D57	S 29
M30	1 12 9	16♎ 8'37	27♈ 3	9♏30	9♍56	0♏26	18♎48	9♍26	13♐40	14♊30	16♓29	13♏ 2	14♏ 9	5♑17	29♑57	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n55	4n43	3n17	2s54	0s22	18n15	0s37	3s55	0n26	3s58	1n 7	10n49	1n36	22s27	0s 3	21n 9	1s28	19s31	15s41	16s11	16s34	19s45	13s 0	7n16
M 2	4 32	9 5	2 17	3 37	0 29	18 2	0 32	4 12	0 25	4 3	1 7	10 46	1 36	22 27	0 3	21 8	1 28	19 31	15 41	16 9	16 33	19 44	13 1	7 16
T 3	4 9	13 2	1 8	4 19	0 37	17 48	0 28	4 28	0 24	4 8	1 7	10 44	1 36	22 27	0 3	21 8	1 29	19 32	15 41	16 8	16 32	19 44	13 2	7 15
W 4	3 46	16 19	0s 5	5 1	0 45	17 34	0 24	4 44	0 24	4 13	1 7	10 41	1 36	22 27	0 3	21 8	1 29	19 32	15 41	16 8	16 32	19 43	13 3	7 15
T 5	3 22	18 42	1 19	5 42	0 53	17 19	0 20	5 0	0 23	4 18	1 7	10 38	1 36	22 27	0 3	21 8	1 29	19 33	15 41	16 8	16 31	19 42	13 4	7 14
F 6	2 59	19 57	2 29	6 23	1 0	17 4	0 16	5 16	0 23	4 23	1 7	10 36	1 37	22 27	0 3	21 8	1 29	19 33	15 41	16 8	16 30	19 41	13 4	7 14
S 7	2 36	19 58	3 30	7 3	1 8	16 49	0 12	5 32	0 22	4 28	1 7	10 33	1 37	22 28	0 3	21 8	1 29	19 34	15 41	16 8	16 29	19 41	13 5	7 13
S 8	2 13	18 43	4 19	7 42	1 16	16 33	0 8	5 48	0 21	4 33	1 7	10 30	1 37	22 28	0 3	21 8	1 29	19 34	15 41	16 8	16 28	19 40	13 6	7 13
M 9	1 49	16 17	4 52	8 20	1 23	16 16	0 4	6 4	0 21	4 38	1 6	10 28	1 37	22 28	0 3	21 8	1 29	19 35	15 41	16 7	16 27	19 39	13 7	7 12
T 10	1 26	12 54	5 7	8 58	1 31	15 59	0 1	6 20	0 20	4 43	1 6	10 25	1 37	22 28	0 3	21 8	1 29	19 35	15 41	16 5	16 26	19 38	13 7	7 12
W11	1 2	8 46	5 3	9 36	1 38	15 41	0n 3	6 36	0 20	4 47	1 6	10 23	1 37	22 28	0 3	21 8	1 29	19 36	15 41	16 3	16 25	19 38	13 8	7 12
T 12	0 39	4 12	4 41	10 12	1 46	15 23	0 7	6 52	0 19	4 52	1 6	10 20	1 37	22 29	0 3	21 8	1 29	19 36	15 41	16 1	16 24	19 37	13 9	7 11
F 13	0 15	0s31	4 2	10 48	1 53	15 5	0 11	7 8	0 18	4 57	1 6	10 17	1 37	22 29	0 3	21 8	1 29	19 36	15 41	15 59	16 23	19 36	13 9	7 11
S 14	0s 8	5 7	3 11	11 22	2 0	14 46	0 14	7 24	0 18	5 2	1 6	10 15	1 37	22 29	0 3	21 8	1 29	19 37	15 41	15 57	16 22	19 35	13 10	7 10
S 15	0 32	9 23	2 10	11 56	2 7	14 27	0 18	7 39	0 17	5 7	1 6	10 12	1 38	22 29	0 3	21 8	1 29	19 37	15 41	15 56	16 21	19 35	13 11	7 10
M16	0 55	13 5	1 3	12 29	2 14	14 7	0 21	7 55	0 17	5 12	1 6	10 10	1 38	22 29	0 3	21 8	1 29	19 38	15 41	15 55	16 20	19 34	13 11	7 9
T 17	1 19	16 6	0n 5	13 1	2 21	13 47	0 25	8 11	0 16	5 17	1 6	10 7	1 38	22 30	0 3	21 8	1 29	19 38	15 41	15 55	16 19	19 33	13 12	7 9
W18	1 42	18 18	1 11	13 32	2 27	13 26	0 28	8 27	0 15	5 22	1 6	10 5	1 38	22 30	0 3	21 8	1 29	19 38	15 41	15 55	16 19	19 32	13 13	7 8
T 19	2 6	19 37	2 13	14 1	2 34	13 5	0 32	8 42	0 15	5 27	1 6	10 2	1 38	22 30	0 3	21 8	1 29	19 39	15 41	15 55	16 18	19 32	13 13	7 8
F 20	2 29	20 1	3 9	14 30	2 40	12 44	0 35	8 58	0 14	5 32	1 6	10 0	1 38	22 30	0 3	21 8	1 29	19 39	15 40	15 56	16 17	19 31	13 14	7 7
S 21	2 53	19 32	3 56	14 57	2 45	12 22	0 38	9 14	0 14	5 37	1 6	9 57	1 38	22 31	0 3	21 7	1 29	19 40	15 40	15 56	16 16	19 30	13 15	7 7
S 22	3 16	18 12	4 33	15 23	2 51	12 0	0 41	9 29	0 13	5 42	1 6	9 55	1 39	22 31	0 3	21 7	1 29	19 40	15 40	15 56	16 15	19 29	13 15	7 6
M23	3 40	16 3	4 58	15 47	2 56	11 38	0 44	9 45	0 12	5 47	1 6	9 52	1 39	22 31	0 3	21 7	1 29	19 40	15 40	15 56	16 14	19 28	13 16	7 6
T 24	4 3	13 11	5 11	16 10	3 0	11 15	0 47	10 0	0 12	5 52	1 6	9 50	1 39	22 31	0 3	21 7	1 29	19 41	15 40	15 55	16 13	19 28	13 16	7 5
W25	4 26	9 42	5 10	16 31	3 5	10 52	0 50	10 15	0 11	5 57	1 6	9 47	1 39	22 32	0 3	21 7	1 29	19 41	15 40	15 54	16 12	19 27	13 17	7 5
T 26	4 49	5 43	4 53	16 51	3 8	10 28	0 53	10 31	0 10	6 2	1 6	9 45	1 39	22 32	0 3	21 7	1 29	19 41	15 40	15 52	16 11	19 26	13 17	7 4
F 27	5 13	1 22	4 22	17 8	3 11	10 4	0 56	10 46	0 10	6 7	1 6	9 42	1 39	22 32	0 3	21 7	1 30	19 41	15 40	15 50	16 10	19 25	13 18	7 4
S 28	5 36	3n 9	3 36	17 23	3 14	9 40	0 59	11 1	0 9	6 12	1 6	9 40	1 39	22 32	0 3	21 7	1 30	19 42	15 39	15 49	16 9	19 24	13 18	7 3
S 29	5 59	7 38	2 36	17 37	3 15	9 16	1 1	11 16	0 9	6 17	1 6	9 38	1 40	22 33	0 3	21 7	1 30	19 42	15 39	15 48	16 8	19 24	13 19	7 3
M30	6s22	11n48	1n27	17s47	3s16	8n51	1n 4	11s31	0n 8	6s22	1n 5	9n35	1n40	22s33	0s 3	21n 6	1s30	19s42	15s39	15s47	16s 7	19s23	13s19	7n 2

Julian Day Number = 2293282.5, Delta T = 145.09 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'36, Lahiri = 17°48'37 Julian Calendar 1 Sept. 1566 == Greg. Calendar 11 Sept. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

OCTOBER 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 16 6	17♎ 8'09	11♉ 6	9♏54	11♍ 8	1♏ 7	19♎ 1	9♍33	13♐43	14°R30	16°R28	13°D 1	14♏ 6	5♑24	29♑58	T 1
W 2	1 20 3	18° 7'43	25°18	10°12	12°20	1°48	19°14	9°39	13°45	14♊29	16♓27	13♏ 2	14° 2	5°30	29°58	W 2
T 3	1 23 59	19° 7'20	9♊35	10°24	13°33	2°29	19°27	9°46	13°48	14°28	16°26	13° 3	13°59	5°37	29°58	T 3
F 4	1 27 56	20° 6'58	23°52	10°R29	14°45	3°11	19°40	9°52	13°50	14°27	16°25	13° 4	13°56	5°44	29°58	F 4
S 5	1 31 52	21° 6'39	8♋ 8	10°26	15°57	3°52	19°53	9°59	13°53	14°27	16°24	13° 6	13°53	5°50	29°59	S 5
S 6	1 35 49	22° 6'23	22°20	10°15	17°10	4°34	20° 7	10° 5	13°55	14°26	16°23	13°R 6	13°50	5°57	29°59	S 6
M 7	1 39 45	23° 6'08	6♌25	9°55	18°23	5°15	20°20	10°11	13°58	14°25	16°22	13° 6	13°47	6° 4	29°59	M 7
T 8	1 43 42	24° 5'56	20°23	9°26	19°35	5°57	20°33	10°17	14° 0	14°24	16°21	13° 4	13°43	6°10	0♒ 0	T 8
W 9	1 47 38	25° 5'46	4♍10	8°48	20°48	6°39	20°46	10°23	14° 3	14°23	16°20	13° 2	13°40	6°17	0° 1	W 9
T 10	1 51 35	26° 5'39	17°47	8° 1	22° 1	7°20	20°59	10°29	14° 6	14°22	16°19	13° 0	13°37	6°24	0° 2	T 10
F 11	1 55 32	27° 5'33	1♎11	7° 6	23°14	8° 2	21°12	10°35	14° 8	14°21	16°18	12°57	13°34	6°31	0° 3	F 11
S 12	1 59 28	28° 5'30	14°21	6° 3	24°27	8°44	21°25	10°41	14°11	14°20	16°17	12°55	13°31	6°37	0° 4	S 12
S 13	2 3 25	29° 5'28	27°16	4°54	25°40	9°26	21°38	10°47	14°14	14°19	16°16	12°54	13°27	6°44	0° 4	S 13
M14	2 7 21	0♏ 5'29	9♏57	3°40	26°53	10° 8	21°51	10°53	14°17	14°18	16°16	12°D53	13°24	6°51	0° 6	M14
T 15	2 11 18	1° 5'31	22°23	2°23	28° 7	10°50	22° 4	10°59	14°20	14°17	16°15	12°54	13°21	6°57	0° 7	T 15
W16	2 15 14	2° 5'35	4♐37	1° 6	29°20	11°32	22°17	11° 5	14°23	14°15	16°14	12°54	13°18	7° 4	0° 8	W16
T 17	2 19 11	3° 5'41	16°39	29♎50	0♎33	12°14	22°30	11°10	14°26	14°14	16°13	12°55	13°15	7°11	0° 9	T 17
F 18	2 23 7	4° 5'49	28°34	28°39	1°47	12°56	22°43	11°16	14°29	14°13	16°12	12°56	13°12	7°17	0°10	F 18
S 19	2 27 4	5° 5'58	10♑25	27°34	3° 0	13°38	22°56	11°21	14°32	14°12	16°12	12°57	13° 8	7°24	0°12	S 19
S 20	2 31 1	6° 6'09	22°16	26°37	4°14	14°21	23° 9	11°27	14°35	14°11	16°11	12°58	13° 5	7°31	0°13	S 20
M21	2 34 57	7° 6'22	4♒11	25°50	5°27	15° 3	23°22	11°32	14°38	14° 9	16°10	12°R58	13° 2	7°38	0°15	M21
T 22	2 38 54	8° 6'36	16°16	25°15	6°41	15°45	23°34	11°37	14°41	14° 8	16°10	12°58	12°59	7°44	0°16	T 22
W23	2 42 50	9° 6'51	28°35	24°50	7°55	16°28	23°47	11°43	14°44	14° 7	16° 9	12°58	12°56	7°51	0°18	W23
T 24	2 46 47	10° 7'08	11♓12	24°38	9° 9	17°10	24° 0	11°48	14°47	14° 5	16° 8	12°57	12°52	7°58	0°20	T 24
F 25	2 50 43	11° 7'27	24°11	24°D37	10°23	17°53	24°13	11°53	14°50	14° 4	16° 8	12°57	12°49	8° 4	0°21	F 25
S 26	2 54 40	12° 7'46	7♈33	24°47	11°36	18°35	24°26	11°58	14°53	14° 3	16° 7	12°57	12°46	8°11	0°23	S 26
S 27	2 58 36	13° 8'08	21°19	25° 7	12°50	19°18	24°38	12° 3	14°57	14° 1	16° 7	12°D57	12°43	8°18	0°25	S 27
M28	3 2 33	14° 8'31	5♉28	25°37	14° 4	20° 1	24°51	12° 8	15° 0	14° 0	16° 6	12°57	12°40	8°24	0°27	M28
T 29	3 6 29	15° 8'56	19°54	26°15	15°18	20°43	25° 4	12°12	15° 3	13°58	16° 5	12°R57	12°37	8°31	0°29	T 29
W30	3 10 26	16° 9'22	4♊34	27° 1	16°33	21°26	25°17	12°17	15° 6	13°57	16° 5	12°57	12°33	8°38	0°31	W30
T 31	3 14 23	17♏ 9'50	19♊20	27♎54	17♎47	22♏ 9	25♎29	12♍22	15♐10	13♊55	16♓ 4	12♏56	12♏30	8♑44	0♒34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s45	15n22	0n11	17s55	3s16	8n26	1n 6	11s46	0n 7	6s27	1n 5	9n33	1n40	22s33	0s 3	21n 6	1s30	19s43	15s39	15s47	16s 6	19s22	13s20	7n 2
W 2	7 8	18 3	1s 7	18 0	3 15	8 0	1 9	12 1	0 7	6 32	1 5	9 31	1 40	22 34	0 3	21 6	1 30	19 43	15 39	15 47	16 5	19 21	13 20	7 1
T 3	7 30	19 37	2 21	18 2	3 13	7 35	1 11	12 16	0 6	6 37	1 5	9 28	1 40	22 34	0 3	21 6	1 30	19 43	15 39	15 47	16 4	19 20	13 21	7 1
F 4	7 53	19 55	3 26	18 0	3 10	7 9	1 14	12 31	0 6	6 42	1 5	9 26	1 40	22 34	0 3	21 6	1 30	19 43	15 38	15 48	16 3	19 20	13 21	7 0
S 5	8 15	18 56	4 19	17 55	3 6	6 43	1 16	12 45	0 5	6 47	1 5	9 24	1 41	22 35	0 3	21 6	1 30	19 44	15 38	15 48	16 2	19 19	13 22	6 59
S 6	8 38	16 47	4 55	17 46	3 0	6 16	1 18	13 0	0 4	6 52	1 5	9 22	1 41	22 35	0 3	21 6	1 30	19 44	15 38	15 48	16 2	19 18	13 22	6 59
M 7	9 0	13 39	5 13	17 32	2 52	5 50	1 20	13 15	0 4	6 57	1 5	9 19	1 41	22 35	0 4	21 6	1 30	19 44	15 38	15 48	16 1	19 17	13 23	6 58
T 8	9 22	9 47	5 13	17 14	2 43	5 23	1 22	13 29	0 3	7 2	1 5	9 17	1 41	22 35	0 4	21 5	1 30	19 44	15 38	15 48	16 0	19 16	13 23	6 58
W 9	9 44	5 26	4 54	16 52	2 32	4 56	1 24	13 43	0 3	7 7	1 5	9 15	1 41	22 36	0 4	21 5	1 30	19 44	15 37	15 47	15 59	19 15	13 23	6 57
T 10	10 6	0 52	4 19	16 24	2 19	4 29	1 26	13 58	0 2	7 12	1 5	9 13	1 41	22 36	0 4	21 5	1 30	19 44	15 37	15 46	15 58	19 15	13 24	6 57
F 11	10 28	3s41	3 31	15 53	2 5	4 2	1 27	14 12	0 1	7 17	1 5	9 11	1 42	22 36	0 4	21 5	1 30	19 45	15 37	15 46	15 57	19 14	13 24	6 56
S 12	10 49	8 0	2 31	15 17	1 48	3 34	1 29	14 26	0 1	7 22	1 5	9 9	1 42	22 37	0 4	21 5	1 30	19 45	15 37	15 45	15 56	19 13	13 24	6 56
S 13	11 11	11 51	1 25	14 37	1 31	3 7	1 30	14 40	0 0	7 26	1 5	9 7	1 42	22 37	0 4	21 5	1 30	19 45	15 37	15 45	15 55	19 12	13 25	6 55
M14	11 32	15 5	0 16	13 53	1 12	2 39	1 32	14 54	0s 0	7 31	1 5	9 5	1 42	22 37	0 4	21 5	1 30	19 45	15 36	15 45	15 54	19 11	13 25	6 55
T 15	11 53	17 34	0n52	13 8	0 52	2 11	1 33	15 8	0 1	7 36	1 5	9 3	1 42	22 38	0 4	21 4	1 30	19 45	15 36	15 45	15 53	19 10	13 25	6 54
W16	12 14	19 11	1 58	12 22	0 31	1 43	1 35	15 21	0 2	7 41	1 5	9 1	1 43	22 38	0 4	21 4	1 30	19 45	15 36	15 45	15 52	19 9	13 25	6 54
T 17	12 34	19 54	2 57	11 36	0 10	1 15	1 36	15 35	0 2	7 46	1 5	8 59	1 43	22 38	0 4	21 4	1 30	19 45	15 36	15 45	15 51	19 8	13 26	6 53
F 18	12 55	19 42	3 47	10 52	0n10	0 46	1 37	15 48	0 3	7 51	1 5	8 57	1 43	22 39	0 4	21 4	1 30	19 45	15 35	15 45	15 50	19 8	13 26	6 53
S 19	13 15	18 38	4 28	10 10	0 30	0 18	1 38	16 1	0 3	7 55	1 5	8 55	1 43	22 39	0 4	21 4	1 30	19 45	15 35	15 46	15 49	19 7	13 26	6 52
S 20	13 35	16 46	4 57	9 32	0 48	0s10	1 39	16 15	0 4	8 0	1 5	8 53	1 43	22 40	0 4	21 4	1 30	19 45	15 35	15 46	15 48	19 6	13 26	6 52
M21	13 55	14 10	5 14	8 59	1 5	0 39	1 40	16 28	0 5	8 5	1 5	8 51	1 44	22 40	0 4	21 3	1 30	19 45	15 35	15 46	15 47	19 5	13 26	6 51
T 22	14 15	10 57	5 17	8 32	1 21	1 7	1 41	16 41	0 5	8 10	1 5	8 49	1 44	22 40	0 4	21 3	1 30	19 46	15 34	15 46	15 46	19 4	13 27	6 51
W23	14 34	7 13	5 6	8 11	1 34	1 36	1 41	16 54	0 6	8 14	1 5	8 47	1 44	22 41	0 4	21 3	1 30	19 46	15 34	15 46	15 45	19 3	13 27	6 50
T 24	14 53	3 4	4 40	7 55	1 46	2 4	1 42	17 6	0 7	8 19	1 5	8 46	1 44	22 41	0 4	21 3	1 30	19 46	15 34	15 46	15 44	19 2	13 27	6 50
F 25	15 12	1n20	3 59	7 45	1 56	2 33	1 43	17 19	0 7	8 24	1 5	8 44	1 44	22 41	0 4	21 3	1 30	19 46	15 34	15 46	15 43	19 1	13 27	6 49
S 26	15 31	5 49	3 4	7 42	2 4	3 1	1 43	17 31	0 8	8 28	1 6	8 42	1 45	22 42	0 4	21 2	1 30	19 46	15 33	15 46	15 42	19 1	13 27	6 49
S 27	15 49	10 9	1 57	7 43	2 10	3 30	1 43	17 44	0 8	8 33	1 6	8 40	1 45	22 42	0 4	21 2	1 30	19 46	15 33	15 46	15 41	19 0	13 27	6 48
M28	16 7	14 1	0 42	7 50	2 15	3 58	1 44	17 56	0 9	8 38	1 6	8 39	1 45	22 42	0 4	21 2	1 30	19 45	15 33	15 46	15 40	18 59	13 27	6 48
T 29	16 25	17 8	0s39	8 0	2 18	4 27	1 44	18 8	0 10	8 42	1 6	8 37	1 45	22 43	0 4	21 2	1 30	19 45	15 32	15 46	15 39	18 58	13 27	6 47
W30	16 43	19 11	1 57	8 15	2 20	4 55	1 44	18 20	0 10	8 47	1 6	8 36	1 46	22 43	0 4	21 2	1 30	19 45	15 32	15 46	15 38	18 57	13 27	6 47
T 31	17s 0	19n56	3s 9	8s34	2n21	5s23	1n44	18s31	0s11	8s51	1n 6	8n34	1n46	22s44	0s 4	21n 2	1s30	19s45	15s32	15s45	15s38	18s56	13s27	6n46

Julian Day Number = 2293312.5, Delta T = 144.93 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'40, Lahiri = 17°48'41 Julian Calendar 1 Oct. 1566 == Greg. Calendar 11 Oct. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

NOVEMBER 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 18 19	18♏10'20	4♋ 4	28♎53	19♎ 1	22♏52	25♎42	12♍26	15♐13	13°R54	16°R 4	12°R56	12♏27	8♉51	0♒36	F 1
S 2	3 22 16	19°10'52	18°41	29°57	20°15	23°35	25°54	12°31	15°16	13♊52	16♓ 4	12♏55	12°24	8°58	0°38	S 2
S 3	3 26 12	20°11'26	3♌ 6	1♏ 5	21°30	24°18	26° 7	12°35	15°20	13°51	16° 3	12°55	12°21	9° 5	0°41	S 3
M 4	3 30 9	21°12'01	17°14	2°18	22°44	25° 1	26°19	12°39	15°23	13°49	16° 3	12°D54	12°18	9°11	0°43	M 4
T 5	3 34 5	22°12'38	1♍ 5	3°34	23°58	25°44	26°32	12°43	15°27	13°48	16° 2	12°55	12°14	9°18	0°45	T 5
W 6	3 38 2	23°13'17	14°39	4°53	25°13	26°27	26°44	12°47	15°30	13°46	16° 2	12°55	12°11	9°25	0°48	W 6
T 7	3 41 58	24°13'57	27°55	6°14	26°27	27°11	26°56	12°51	15°33	13°45	16° 2	12°56	12° 8	9°31	0°51	T 7
F 8	3 45 55	25°14'39	10♎56	7°37	27°42	27°54	27° 9	12°55	15°37	13°43	16° 1	12°57	12° 5	9°38	0°53	F 8
S 9	3 49 52	26°15'23	23°42	9° 2	28°56	28°37	27°21	12°59	15°40	13°42	16° 1	12°58	12° 2	9°45	0°56	S 9
S 10	3 53 48	27°16'08	6♏16	10°28	0♏11	29°21	27°33	13° 3	15°44	13°40	16° 1	12°59	11°58	9°51	0°59	S 10
M11	3 57 45	28°16'55	18°39	11°56	1°26	0♐ 4	27°45	13° 6	15°47	13°38	16° 0	12°R59	11°55	9°58	1° 2	M11
T 12	4 1 41	29°17'43	0♐53	13°24	2°40	0°48	27°57	13°10	15°51	13°37	16° 0	12°58	11°52	10° 5	1° 5	T 12
W13	4 5 38	0♐18'33	12°57	14°54	3°55	1°31	28°10	13°13	15°54	13°35	16° 0	12°56	11°49	10°12	1° 7	W13
T 14	4 9 34	1°19'23	24°55	16°24	5°10	2°15	28°22	13°17	15°58	13°33	16° 0	12°54	11°46	10°18	1°10	T 14
F 15	4 13 31	2°20'15	6♑48	17°54	6°24	2°58	28°33	13°20	16° 2	13°32	16° 0	12°50	11°43	10°25	1°14	F 15
S 16	4 17 28	3°21'08	18°38	19°25	7°39	3°42	28°45	13°23	16° 5	13°30	16° 0	12°47	11°39	10°32	1°17	S 16
S 17	4 21 24	4°22'01	0♒29	20°57	8°54	4°26	28°57	13°26	16° 9	13°28	16° 0	12°44	11°36	10°38	1°20	S 17
M18	4 25 21	5°22'56	12°23	22°29	10° 9	5°10	29° 9	13°29	16°12	13°27	15°59	12°41	11°33	10°45	1°23	M18
T 19	4 29 17	6°23'51	24°25	24° 1	11°24	5°54	29°21	13°32	16°16	13°25	15°59	12°39	11°30	10°52	1°26	T 19
W20	4 33 14	7°24'47	6♓39	25°33	12°39	6°37	29°32	13°35	16°20	13°23	15°59	12°D38	11°27	10°59	1°30	W20
T 21	4 37 10	8°25'44	19°10	27° 6	13°53	7°21	29°44	13°37	16°23	13°22	15°D59	12°39	11°24	11° 5	1°33	T 21
F 22	4 41 7	9°26'41	2♈ 3	28°38	15° 8	8° 5	29°55	13°40	16°27	13°20	15°59	12°40	11°20	11°12	1°37	F 22
S 23	4 45 3	10°27'39	15°20	0♐11	16°23	8°49	0♏ 7	13°42	16°30	13°18	15°59	12°42	11°17	11°19	1°40	S 23
S 24	4 49 0	11°28'38	29° 4	1°44	17°38	9°34	0°18	13°45	16°34	13°17	16° 0	12°43	11°14	11°25	1°44	S 24
M25	4 52 56	12°29'38	13♉16	3°17	18°53	10°18	0°29	13°47	16°38	13°15	16° 0	12°R44	11°11	11°32	1°47	M25
T 26	4 56 53	13°30'38	27°53	4°50	20° 8	11° 2	0°41	13°49	16°41	13°13	16° 0	12°43	11° 8	11°39	1°51	T 26
W27	5 0 50	14°31'39	12♊49	6°23	21°23	11°46	0°52	13°51	16°45	13°11	16° 0	12°41	11° 4	11°45	1°54	W27
T 28	5 4 46	15°32'41	27°58	7°56	22°38	12°30	1° 3	13°53	16°49	13°10	16° 0	12°37	11° 1	11°52	1°58	T 28
F 29	5 8 43	16°33'43	13♋ 9	9°30	23°53	13°15	1°14	13°55	16°52	13° 8	16° 0	12°32	10°58	11°59	2° 2	F 29
S 30	5 12 39	17♐34'47	28♋11	11♐ 3	25♏ 8	13♐59	1♏25	13♍57	16♐56	13♊ 6	16♓ 0	12♏27	10♏55	12♉ 6	2♒ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s17	19n19	4s 7	8s55	2n20	5s51	1n44	18s43	0s11	8s56	1n 6	8n32	1n46	22s44	0s 4	21n 1	1s31	19s45	15s32	15s45	15s37	18s55	13s27	6n46
S 2	17 34	17 24	4 49	9 19	2 19	6 20	1 44	18 54	0 12	9 1	1 6	8 31	1 46	22 44	0 4	21 1	1 31	19 45	15 31	15 45	15 36	18 54	13 27	6 46
S 3	17 50	14 26	5 13	9 45	2 17	6 48	1 44	19 6	0 13	9 5	1 6	8 30	1 46	22 45	0 4	21 1	1 31	19 45	15 31	15 45	15 35	18 53	13 27	6 45
M 4	18 6	10 41	5 16	10 13	2 14	7 15	1 44	19 17	0 13	9 9	1 6	8 28	1 47	22 45	0 4	21 1	1 31	19 45	15 31	15 45	15 34	18 52	13 27	6 45
T 5	18 22	6 25	5 2	10 42	2 10	7 43	1 43	19 28	0 14	9 14	1 6	8 27	1 47	22 45	0 4	21 1	1 31	19 45	15 30	15 45	15 33	18 51	13 27	6 44
W 6	18 37	1 54	4 30	11 12	2 6	8 11	1 43	19 38	0 14	9 18	1 6	8 25	1 47	22 46	0 4	21 0	1 31	19 45	15 30	15 45	15 32	18 50	13 27	6 44
T 7	18 52	2s36	3 45	11 44	2 1	8 38	1 42	19 49	0 15	9 23	1 6	8 24	1 47	22 46	0 4	21 0	1 31	19 44	15 30	15 45	15 31	18 49	13 27	6 43
F 8	19 7	6 55	2 48	12 16	1 56	9 6	1 42	19 59	0 16	9 27	1 6	8 23	1 48	22 47	0 4	21 0	1 31	19 44	15 29	15 46	15 30	18 49	13 27	6 43
S 9	19 22	10 51	1 45	12 48	1 50	9 33	1 41	20 10	0 16	9 31	1 6	8 22	1 48	22 47	0 4	21 0	1 31	19 44	15 29	15 46	15 29	18 48	13 27	6 42
S 10	19 36	14 14	0 37	13 21	1 44	10 0	1 40	20 20	0 17	9 36	1 6	8 20	1 48	22 47	0 4	21 0	1 31	19 44	15 29	15 46	15 28	18 47	13 27	6 42
M11	19 49	16 55	0n31	13 54	1 38	10 26	1 40	20 30	0 17	9 40	1 6	8 19	1 48	22 48	0 4	20 59	1 31	19 44	15 28	15 46	15 27	18 46	13 26	6 41
T 12	20 3	18 48	1 37	14 27	1 32	10 53	1 39	20 39	0 18	9 44	1 6	8 18	1 49	22 48	0 4	20 59	1 31	19 44	15 28	15 46	15 26	18 45	13 26	6 41
W13	20 16	19 47	2 38	14 59	1 25	11 19	1 38	20 49	0 19	9 49	1 6	8 17	1 49	22 49	0 4	20 59	1 31	19 43	15 28	15 45	15 25	18 44	13 26	6 41
T 14	20 28	19 53	3 31	15 32	1 18	11 45	1 37	20 58	0 19	9 53	1 6	8 16	1 49	22 49	0 4	20 59	1 31	19 43	15 27	15 45	15 24	18 43	13 26	6 40
F 15	20 41	19 5	4 15	16 4	1 11	12 11	1 36	21 7	0 20	9 57	1 7	8 15	1 49	22 49	0 4	20 59	1 31	19 43	15 27	15 44	15 23	18 42	13 25	6 40
S 16	20 52	17 27	4 47	16 36	1 4	12 36	1 35	21 16	0 20	10 1	1 7	8 14	1 50	22 50	0 4	20 58	1 31	19 43	15 27	15 43	15 22	18 41	13 25	6 39
S 17	21 4	15 5	5 7	17 7	0 57	13 1	1 34	21 25	0 21	10 5	1 7	8 13	1 50	22 50	0 4	20 58	1 31	19 42	15 26	15 42	15 21	18 40	13 25	6 39
M18	21 15	12 5	5 15	17 37	0 50	13 26	1 32	21 34	0 22	10 9	1 7	8 12	1 50	22 50	0 4	20 58	1 31	19 42	15 26	15 41	15 20	18 39	13 25	6 39
T 19	21 26	8 34	5 8	18 7	0 43	13 51	1 31	21 42	0 22	10 13	1 7	8 11	1 50	22 51	0 4	20 58	1 31	19 42	15 26	15 40	15 19	18 38	13 24	6 38
W20	21 36	4 38	4 48	18 37	0 36	14 15	1 30	21 50	0 23	10 17	1 7	8 10	1 51	22 51	0 4	20 58	1 31	19 41	15 25	15 40	15 18	18 37	13 24	6 38
T 21	21 46	0 25	4 13	19 5	0 29	14 39	1 28	21 58	0 23	10 21	1 7	8 10	1 51	22 52	0 4	20 57	1 31	19 41	15 25	15 40	15 17	18 36	13 24	6 37
F 22	21 55	3n57	3 25	19 33	0 22	15 2	1 27	22 6	0 24	10 25	1 7	8 9	1 51	22 52	0 4	20 57	1 31	19 41	15 25	15 41	15 16	18 35	13 23	6 37
S 23	22 4	8 16	2 25	20 0	0 15	15 25	1 25	22 14	0 25	10 29	1 7	8 8	1 51	22 52	0 4	20 57	1 31	19 41	15 24	15 41	15 15	18 34	13 23	6 37
S 24	22 13	12 19	1 14	20 26	0 8	15 48	1 23	22 21	0 25	10 33	1 7	8 7	1 52	22 53	0 4	20 57	1 31	19 40	15 24	15 41	15 14	18 33	13 23	6 36
M25	22 21	15 48	0s 3	20 51	0 1	16 10	1 22	22 28	0 26	10 37	1 7	8 7	1 52	22 53	0 4	20 57	1 31	19 40	15 24	15 42	15 13	18 32	13 22	6 36
T 26	22 28	18 24	1 22	21 15	0s 6	16 32	1 20	22 35	0 26	10 41	1 7	8 6	1 52	22 53	0 4	20 56	1 31	19 39	15 23	15 41	15 12	18 31	13 22	6 36
W27	22 36	19 47	2 37	21 38	0 13	16 53	1 18	22 42	0 27	10 45	1 8	8 6	1 52	22 54	0 4	20 56	1 31	19 39	15 23	15 41	15 11	18 30	13 21	6 35
T 28	22 42	19 46	3 42	22 0	0 20	17 14	1 16	22 48	0 27	10 49	1 8	8 5	1 53	22 54	0 4	20 56	1 31	19 39	15 23	15 39	15 10	18 29	13 21	6 35
F 29	22 49	18 20	4 32	22 22	0 26	17 35	1 15	22 54	0 28	10 52	1 8	8 5	1 53	22 55	0 4	20 56	1 31	19 38	15 22	15 38	15 9	18 28	13 20	6 35
S 30	22s55	15n38	5s 2	22s42	0s33	17s55	1n13	23s 0	0s29	10s56	1n 8	8n 4	1n53	22s55	0s 4	20n55	1s31	19s38	15s22	15s36	15s 8	18s27	13s20	6n34

Julian Day Number = 2293343.5, Delta T = 144.76 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'44, Lahiri = 17°48'45 Julian Calendar 1 Nov. 1566 == Greg. Calendar 11 Nov. 1566

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ASTRODIENST EPHEMERIS for the year 1566
geocentric

DECEMBER 1566 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 16 36	18♐35'51	12♌57	12♐37	26♏23	14♐44	1♏36	13♍58	17♐ 0	13°R 5	16♓ 1	12°R22	10♏52	12♑12	2♒10	S 1
M 2	5 20 32	19°36'56	27°20	14°11	27°39	15°28	1°46	14° 0	17° 3	13♊ 3	16° 1	12♏18	10°49	12°19	2°13	M 2
T 3	5 24 29	20°38'02	11♍18	15°44	28°54	16°13	1°57	14° 1	17° 7	13° 1	16° 1	12°16	10°45	12°26	2°17	T 3
W 4	5 28 26	21°39'08	24°50	17°18	0♐ 9	16°57	2° 8	14° 2	17°11	13° 0	16° 2	12°D16	10°42	12°32	2°21	W 4
T 5	5 32 22	22°40'16	7♎58	18°53	1°24	17°42	2°18	14° 4	17°14	12°58	16° 2	12°17	10°39	12°39	2°25	T 5
F 6	5 36 19	23°41'24	20°47	20°27	2°39	18°27	2°28	14° 5	17°18	12°56	16° 2	12°18	10°36	12°46	2°29	F 6
S 7	5 40 15	24°42'33	3♏18	22° 2	3°54	19°11	2°39	14° 6	17°21	12°55	16° 3	12°19	10°33	12°53	2°33	S 7
S 8	5 44 12	25°43'43	15°36	23°36	5° 9	19°56	2°49	14° 6	17°25	12°53	16° 3	12°R20	10°30	12°59	2°38	S 8
M 9	5 48 8	26°44'53	27°44	25°11	6°25	20°41	2°59	14° 7	17°29	12°51	16° 4	12°18	10°26	13° 6	2°42	M 9
T 10	5 52 5	27°46'04	9♐46	26°47	7°40	21°26	3° 9	14° 8	17°32	12°50	16° 4	12°15	10°23	13°13	2°46	T 10
W11	5 56 1	28°47'15	21°42	28°22	8°55	22°11	3°19	14° 8	17°36	12°48	16° 5	12° 9	10°20	13°19	2°50	W11
T 12	5 59 58	29°48'26	3♑35	29°58	10°10	22°56	3°29	14° 9	17°39	12°46	16° 5	12° 1	10°17	13°26	2°54	T 12
F 13	6 3 55	0♑49'38	15°26	1♑34	11°26	23°41	3°39	14° 9	17°43	12°45	16° 6	11°51	10°14	13°33	2°59	F 13
S 14	6 7 51	1°50'50	27°17	3°10	12°41	24°26	3°48	14° 9	17°47	12°43	16° 6	11°41	10°10	13°39	3° 3	S 14
S 15	6 11 48	2°52'01	9♒10	4°47	13°56	25°11	3°58	14°R 9	17°50	12°42	16° 7	11°30	10° 7	13°46	3° 7	S 15
M16	6 15 44	3°53'13	21° 6	6°24	15°11	25°56	4° 7	14° 9	17°54	12°40	16° 7	11°21	10° 4	13°53	3°12	M16
T 17	6 19 41	4°54'24	3♓ 9	8° 1	16°27	26°41	4°16	14° 9	17°57	12°38	16° 8	11°14	10° 1	14° 0	3°16	T 17
W18	6 23 37	5°55'35	15°22	9°39	17°42	27°26	4°26	14° 9	18° 1	12°37	16° 9	11° 9	9°58	14° 6	3°21	W18
T 19	6 27 34	6°56'46	27°48	11°17	18°57	28°12	4°35	14° 8	18° 4	12°35	16° 9	11° 7	9°55	14°13	3°25	T 19
F 20	6 31 30	7°57'57	10♈33	12°55	20°12	28°57	4°44	14° 8	18° 8	12°34	16°10	11°D 7	9°51	14°20	3°29	F 20
S 21	6 35 27	8°59'07	23°40	14°34	21°27	29°42	4°52	14° 7	18°11	12°32	16°11	11° 7	9°48	14°26	3°34	S 21
S 22	6 39 24	10° 0'17	7♉13	16°12	22°43	0♑28	5° 1	14° 6	18°15	12°31	16°11	11°R 8	9°45	14°33	3°39	S 22
M23	6 43 20	11° 1'26	21°15	17°52	23°58	1°13	5°10	14° 6	18°18	12°29	16°12	11° 8	9°42	14°40	3°43	M23
T 24	6 47 17	12° 2'35	5♊45	19°31	25°13	1°59	5°18	14° 5	18°22	12°28	16°13	11° 5	9°39	14°47	3°48	T 24
W25	6 51 13	13° 3'43	20°40	21°11	26°28	2°44	5°26	14° 4	18°25	12°27	16°14	11° 0	9°36	14°53	3°52	W25
T 26	6 55 10	14° 4'51	5♋54	22°51	27°44	3°30	5°35	14° 3	18°28	12°25	16°15	10°53	9°32	15° 0	3°57	T 26
F 27	6 59 6	15° 5'59	21°16	24°31	28°59	4°15	5°43	14° 1	18°32	12°24	16°15	10°43	9°29	15° 7	4° 1	F 27
S 28	7 3 3	16° 7'06	6♌35	26°11	0♑14	5° 1	5°51	14° 0	18°35	12°22	16°16	10°33	9°26	15°13	4° 6	S 28
S 29	7 6 59	17° 8'13	21°38	27°52	1°30	5°47	5°59	13°58	18°38	12°21	16°17	10°23	9°23	15°20	4°11	S 29
M30	7 10 56	18° 9'20	6♍19	29°32	2°45	6°32	6° 6	13°57	18°42	12°20	16°18	10°15	9°20	15°27	4°15	M30
T 31	7 14 53	19♑10'27	20♍30	1♒12	4♑ 0	7♑18	6♏14	13♍55	18♐45	12♊19	16♓19	10♏ 9	9♏16	15♑34	4♒20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	11n59	5s11	23s 1	0s39	18s15	1n11	23s 6	0s29	11s 0	1n 8	8n 4	1n54	22s55	0s 4	20n55	1s31	19s38	15s22	15s35	15s 7	18s26	13s19	6n34
M 2	23 5	7 43	5 1	23 18	0 45	18 34	1 9	23 12	0 30	11 3	1 8	8 4	1 54	22 56	0 4	20 55	1 31	19 37	15 21	15 34	15 6	18 25	13 19	6 34
T 3	23 10	3 9	4 33	23 35	0 52	18 52	1 7	23 17	0 30	11 7	1 8	8 3	1 54	22 56	0 4	20 55	1 31	19 37	15 21	15 33	15 5	18 24	13 18	6 33
W 4	23 14	1s27	3 50	23 50	0 57	19 11	1 5	23 22	0 31	11 10	1 8	8 3	1 54	22 56	0 4	20 55	1 31	19 36	15 21	15 33	15 4	18 23	13 18	6 33
T 5	23 17	5 52	2 56	24 5	1 3	19 28	1 2	23 27	0 32	11 14	1 8	8 3	1 55	22 57	0 4	20 55	1 31	19 36	15 20	15 33	15 3	18 22	13 17	6 33
F 6	23 21	9 54	1 54	24 18	1 9	19 45	1 0	23 31	0 32	11 17	1 8	8 3	1 55	22 57	0 4	20 54	1 31	19 35	15 20	15 34	15 2	18 21	13 16	6 32
S 7	23 23	13 24	0 49	24 29	1 14	20 2	0 58	23 36	0 33	11 21	1 9	8 3	1 55	22 57	0 4	20 54	1 30	19 35	15 20	15 34	15 1	18 20	13 16	6 32
S 8	23 25	16 16	0n18	24 40	1 19	20 18	0 56	23 40	0 33	11 24	1 9	8 3	1 55	22 58	0 4	20 54	1 30	19 35	15 19	15 34	15 0	18 19	13 15	6 32
M 9	23 27	18 22	1 23	24 49	1 24	20 33	0 54	23 44	0 34	11 27	1 9	8 2	1 56	22 58	0 4	20 54	1 30	19 34	15 19	15 34	14 59	18 18	13 15	6 32
T 10	23 28	19 37	2 23	24 56	1 29	20 48	0 51	23 47	0 34	11 31	1 9	8 2	1 56	22 58	0 4	20 54	1 30	19 34	15 19	15 33	14 58	18 17	13 14	6 31
W11	23 29	19 58	3 16	25 3	1 34	21 2	0 49	23 51	0 35	11 34	1 9	8 3	1 56	22 59	0 4	20 53	1 30	19 33	15 18	15 31	14 57	18 16	13 13	6 31
T 12	23 30	19 26	4 1	25 8	1 38	21 15	0 47	23 54	0 36	11 37	1 9	8 3	1 57	22 59	0 4	20 53	1 30	19 33	15 18	15 28	14 56	18 15	13 13	6 31
F 13	23 29	18 3	4 35	25 11	1 42	21 28	0 44	23 57	0 36	11 40	1 9	8 3	1 57	23 0	0 4	20 53	1 30	19 32	15 18	15 25	14 55	18 14	13 12	6 30
S 14	23 29	15 54	4 56	25 13	1 46	21 41	0 42	23 59	0 37	11 43	1 9	8 3	1 57	23 0	0 4	20 53	1 30	19 32	15 17	15 22	14 54	18 12	13 11	6 30
S 15	23 28	13 5	5 6	25 14	1 50	21 52	0 39	24 1	0 37	11 47	1 10	8 3	1 57	23 0	0 4	20 53	1 30	19 31	15 17	15 19	14 53	18 11	13 10	6 30
M16	23 26	9 44	5 2	25 13	1 53	22 3	0 37	24 4	0 38	11 50	1 10	8 3	1 58	23 1	0 4	20 52	1 30	19 30	15 17	15 16	14 52	18 10	13 10	6 30
T 17	23 24	5 57	4 44	25 11	1 56	22 14	0 35	24 5	0 38	11 53	1 10	8 4	1 58	23 1	0 4	20 52	1 30	19 30	15 17	15 14	14 51	18 9	13 9	6 30
W18	23 22	1 53	4 14	25 7	1 59	22 23	0 32	24 7	0 39	11 56	1 10	8 4	1 58	23 1	0 4	20 52	1 30	19 29	15 16	15 13	14 50	18 8	13 8	6 29
T 19	23 19	2n21	3 31	25 1	2 1	22 32	0 30	24 8	0 39	11 58	1 10	8 5	1 58	23 1	0 4	20 52	1 30	19 29	15 16	15 12	14 49	18 7	13 7	6 29
F 20	23 15	6 35	2 36	24 54	2 3	22 41	0 27	24 9	0 40	12 1	1 10	8 5	1 59	23 2	0 4	20 52	1 30	19 28	15 16	15 12	14 48	18 6	13 7	6 29
S 21	23 11	10 38	1 32	24 46	2 5	22 49	0 25	24 10	0 40	12 4	1 10	8 5	1 59	23 2	0 4	20 52	1 30	19 28	15 15	15 12	14 47	18 5	13 6	6 29
S 22	23 7	14 17	0 21	24 35	2 6	22 56	0 22	24 11	0 41	12 7	1 11	8 6	1 59	23 2	0 4	20 52	1 30	19 27	15 15	15 12	14 46	18 4	13 5	6 28
M23	23 2	17 15	0s54	24 23	2 7	23 2	0 20	24 11	0 42	12 10	1 11	8 7	1 59	23 3	0 4	20 51	1 30	19 27	15 15	15 12	14 45	18 3	13 4	6 28
T 24	22 57	19 13	2 7	24 10	2 7	23 7	0 17	24 11	0 42	12 12	1 11	8 7	2 0	23 3	0 4	20 51	1 30	19 26	15 14	15 11	14 44	18 2	13 3	6 28
W25	22 51	19 56	3 14	23 55	2 7	23 12	0 14	24 11	0 43	12 15	1 11	8 8	2 0	23 3	0 4	20 51	1 30	19 25	15 14	15 10	14 43	18 1	13 2	6 28
T 26	22 45	19 13	4 9	23 38	2 7	23 17	0 12	24 10	0 43	12 18	1 11	8 8	2 0	23 4	0 4	20 51	1 30	19 25	15 14	15 7	14 42	18 0	13 1	6 28
F 27	22 38	17 6	4 46	23 20	2 6	23 20	0 9	24 9	0 44	12 20	1 11	8 9	2 1	23 4	0 4	20 51	1 30	19 24	15 14	15 4	14 41	17 58	13 1	6 28
S 28	22 31	13 47	5 2	23 0	2 4	23 23	0 7	24 8	0 44	12 23	1 11	8 10	2 1	23 4	0 4	20 51	1 30	19 24	15 13	15 1	14 40	17 57	13 0	6 27
S 29	22 24	9 38	4 57	22 38	2 2	23 25	0 4	24 7	0 45	12 25	1 12	8 11	2 1	23 5	0 4	20 50	1 30	19 23	15 13	14 58	14 39	17 56	12 59	6 27
M30	22 16	5 0	4 33	22 15	2 0	23 26	0 2	24 5	0 45	12 27	1 12	8 12	2 1	23 5	0 4	20 50	1 30	19 22	15 13	14 56	14 38	17 55	12 58	6 27
T 31	22s 7	0n13	3s52	21s50	1s56	23s27	0s 1	24s 3	0s46	12s30	1n12	8n12	2n 2	23s 5	0s 4	20n50	1s30	19s22	15s12	14s54	14s37	17s54	12s57	6n27

Julian Day Number = 2293373.5, Delta T = 144.60 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'49, Lahiri = 17°48'49 Julian Calendar 1 Dec. 1566 == Greg. Calendar 11 Dec. 1566

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

JANUARY 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 18 49	20♉11'33	4♎11	2♒52	5♉15	8♉ 4	6♏21	13°R53	18♐48	12°R17	16♓20	10°R 6	9♏13	15♉40	4♒25	W 1
T 2	7 22 46	21°12'39	17°24	4°31	6°31	8°50	6°29	13♍52	18°52	12♊16	16°21	10°D 5	9°10	15°47	4°30	T 2
F 3	7 26 42	22°13'44	0♏11	6°10	7°46	9°35	6°36	13°50	18°55	12°15	16°22	10♏ 5	9° 7	15°54	4°34	F 3
S 4	7 30 39	23°14'50	12°38	7°47	9° 1	10°21	6°43	13°48	18°58	12°14	16°23	10°R 5	9° 4	16° 0	4°39	S 4
S 5	7 34 35	24°15'54	24°50	9°24	10°16	11° 7	6°50	13°45	19° 1	12°12	16°24	10° 4	9° 1	16° 7	4°44	S 5
M 6	7 38 32	25°16'59	6♐50	10°59	11°32	11°53	6°56	13°43	19° 4	12°11	16°25	10° 1	8°57	16°14	4°49	M 6
T 7	7 42 28	26°18'03	18°44	12°32	12°47	12°39	7° 3	13°41	19° 7	12°10	16°26	9°55	8°54	16°21	4°53	T 7
W 8	7 46 25	27°19'06	0♉35	14° 3	14° 2	13°25	7°10	13°38	19°10	12° 9	16°27	9°46	8°51	16°27	4°58	W 8
T 9	7 50 22	28°20'09	12°25	15°31	15°17	14°11	7°16	13°36	19°13	12° 8	16°28	9°34	8°48	16°34	5° 3	T 9
F 10	7 54 18	29°21'11	24°17	16°56	16°33	14°57	7°22	13°33	19°16	12° 7	16°29	9°20	8°45	16°41	5° 8	F 10
S 11	7 58 15	0♒22'12	6♒11	18°17	17°48	15°44	7°28	13°30	19°19	12° 6	16°30	9° 5	8°42	16°47	5°13	S 11
S 12	8 2 11	1°23'12	18°10	19°33	19° 3	16°30	7°34	13°27	19°22	12° 5	16°32	8°50	8°38	16°54	5°17	S 12
M13	8 6 8	2°24'11	0♓13	20°44	20°18	17°16	7°39	13°24	19°25	12° 4	16°33	8°37	8°35	17° 1	5°22	M13
T 14	8 10 4	3°25'09	12°23	21°49	21°34	18° 2	7°45	13°21	19°28	12° 3	16°34	8°26	8°32	17° 8	5°27	T 14
W15	8 14 1	4°26'06	24°42	22°47	22°49	18°48	7°50	13°18	19°31	12° 2	16°35	8°18	8°29	17°14	5°32	W15
T 16	8 17 57	5°27'01	7♈12	23°37	24° 4	19°35	7°56	13°15	19°34	12° 1	16°36	8°13	8°26	17°21	5°37	T 16
F 17	8 21 54	6°27'55	19°56	24°19	25°19	20°21	8° 1	13°12	19°37	12° 0	16°38	8°10	8°22	17°28	5°42	F 17
S 18	8 25 51	7°28'48	2♉59	24°51	26°35	21° 7	8° 5	13° 9	19°39	11°59	16°39	8°10	8°19	17°34	5°46	S 18
S 19	8 29 47	8°29'39	16°22	25°14	27°50	21°54	8°10	13° 5	19°42	11°59	16°40	8°10	8°16	17°41	5°51	S 19
M20	8 33 44	9°30'29	0♊11	25°26	29° 5	22°40	8°15	13° 2	19°45	11°58	16°41	8° 9	8°13	17°48	5°56	M20
T 21	8 37 40	10°31'17	14°25	25°R27	0♒20	23°26	8°19	12°58	19°47	11°57	16°43	8° 6	8°10	17°55	6° 1	T 21
W22	8 41 37	11°32'04	29° 4	25°17	1°35	24°13	8°23	12°54	19°50	11°56	16°44	8° 1	8° 7	18° 1	6° 6	W22
T 23	8 45 33	12°32'50	14♋ 4	24°57	2°50	24°59	8°27	12°51	19°53	11°56	16°45	7°52	8° 3	18° 8	6°10	T 23
F 24	8 49 30	13°33'34	29°16	24°26	4° 6	25°46	8°31	12°47	19°55	11°55	16°47	7°42	8° 0	18°15	6°15	F 24
S 25	8 53 26	14°34'16	14♌31	23°45	5°21	26°32	8°35	12°43	19°58	11°55	16°48	7°30	7°57	18°21	6°20	S 25
S 26	8 57 23	15°34'57	29°37	22°55	6°36	27°19	8°38	12°39	20° 0	11°54	16°49	7°19	7°54	18°28	6°25	S 26
M27	9 1 20	16°35'37	14♍23	21°58	7°51	28° 5	8°42	12°35	20° 2	11°53	16°51	7° 9	7°51	18°35	6°29	M27
T 28	9 5 16	17°36'15	28°44	20°55	9° 6	28°52	8°45	12°31	20° 5	11°53	16°52	7° 2	7°48	18°42	6°34	T 28
W29	9 9 13	18°36'53	12♎35	19°48	10°21	29°39	8°48	12°27	20° 7	11°52	16°53	6°57	7°44	18°48	6°39	W29
T 30	9 13 9	19°37'29	25°56	18°39	11°36	0♒25	8°51	12°23	20° 9	11°52	16°55	6°55	7°41	18°55	6°44	T 30
F 31	9 17 6	20♒38'04	8♏50	17♒30	12♒51	1♒12	8♏53	12♍18	20♐12	11♊52	16♓56	6°D55	7♏38	19♉ 2	6♒48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s58	4s24	2s59	21s23	1s52	23s27	0s 3	24s 1	0s46	12s32	1n12	8n13	2n 2	23s 5	0s 4	20n50	1s30	19s21	15s12	14s53	14s36	17s53	12s56	6n27
T 2	21 49	8 39	1 58	20 55	1 48	23 26	0 6	23 59	0 47	12 34	1 12	8 14	2 2	23 6	0 4	20 50	1 30	19 21	15 12	14 52	14 35	17 52	12 55	6 27
F 3	21 39	12 23	0 52	20 26	1 43	23 24	0 8	23 56	0 47	12 37	1 12	8 15	2 2	23 6	0 4	20 50	1 30	19 20	15 12	14 52	14 34	17 51	12 54	6 27
S 4	21 29	15 27	0n14	19 55	1 37	23 22	0 11	23 53	0 48	12 39	1 13	8 16	2 3	23 6	0 4	20 50	1 30	19 19	15 11	14 52	14 33	17 50	12 53	6 27
S 5	21 19	17 46	1 17	19 24	1 30	23 19	0 13	23 50	0 48	12 41	1 13	8 17	2 3	23 7	0 4	20 50	1 30	19 19	15 11	14 52	14 32	17 49	12 52	6 26
M 6	21 8	19 15	2 17	18 50	1 23	23 15	0 16	23 46	0 49	12 43	1 13	8 19	2 3	23 7	0 4	20 50	1 30	19 18	15 11	14 51	14 31	17 47	12 51	6 26
T 7	20 56	19 52	3 9	18 16	1 14	23 11	0 18	23 42	0 49	12 45	1 13	8 20	2 3	23 7	0 4	20 49	1 29	19 17	15 11	14 49	14 30	17 46	12 50	6 26
W 8	20 45	19 36	3 53	17 42	1 5	23 5	0 20	23 38	0 50	12 47	1 13	8 21	2 4	23 7	0 4	20 49	1 29	19 17	15 10	14 46	14 29	17 45	12 49	6 26
T 9	20 32	18 29	4 27	17 6	0 55	23 0	0 23	23 34	0 50	12 49	1 13	8 22	2 4	23 8	0 4	20 49	1 29	19 16	15 10	14 43	14 28	17 44	12 48	6 26
F 10	20 20	16 33	4 49	16 30	0 45	22 53	0 25	23 30	0 51	12 50	1 14	8 23	2 4	23 8	0 4	20 49	1 29	19 15	15 10	14 38	14 27	17 43	12 47	6 26
S 11	20 7	13 56	4 59	15 54	0 33	22 46	0 27	23 25	0 51	12 52	1 14	8 25	2 4	23 8	0 4	20 49	1 29	19 15	15 10	14 33	14 26	17 42	12 46	6 26
S 12	19 54	10 44	4 56	15 18	0 20	22 38	0 30	23 20	0 52	12 54	1 14	8 26	2 4	23 8	0 4	20 49	1 29	19 14	15 9	14 29	14 25	17 41	12 45	6 26
M13	19 40	7 4	4 39	14 43	0 7	22 29	0 32	23 14	0 52	12 56	1 14	8 27	2 5	23 9	0 4	20 49	1 29	19 13	15 9	14 24	14 24	17 39	12 44	6 26
T 14	19 26	3 5	4 9	14 9	0n 8	22 20	0 34	23 9	0 53	12 57	1 14	8 29	2 5	23 9	0 4	20 49	1 29	19 13	15 9	14 21	14 23	17 38	12 42	6 26
W15	19 12	1n 4	3 28	13 36	0 23	22 9	0 36	23 3	0 53	12 59	1 15	8 30	2 5	23 9	0 4	20 49	1 29	19 12	15 9	14 18	14 22	17 37	12 41	6 26
T 16	18 57	5 15	2 36	13 4	0 38	21 59	0 39	22 57	0 54	13 0	1 15	8 31	2 5	23 9	0 4	20 49	1 29	19 11	15 9	14 17	14 21	17 36	12 40	6 26
F 17	18 42	9 16	1 35	12 35	0 55	21 47	0 41	22 50	0 54	13 2	1 15	8 33	2 6	23 10	0 4	20 49	1 29	19 11	15 8	14 16	14 20	17 35	12 39	6 26
S 18	18 27	12 58	0 27	12 8	1 12	21 35	0 43	22 44	0 54	13 3	1 15	8 34	2 6	23 10	0 4	20 49	1 29	19 10	15 8	14 16	14 19	17 34	12 38	6 26
S 19	18 11	16 5	0s43	11 45	1 29	21 23	0 45	22 37	0 55	13 4	1 15	8 36	2 6	23 10	0 4	20 48	1 29	19 9	15 8	14 16	14 18	17 33	12 37	6 26
M20	17 55	18 23	1 53	11 25	1 46	21 9	0 47	22 30	0 55	13 6	1 15	8 37	2 6	23 10	0 4	20 48	1 29	19 9	15 8	14 15	14 17	17 31	12 36	6 26
T 21	17 38	19 37	2 59	11 8	2 3	20 55	0 49	22 22	0 56	13 7	1 16	8 39	2 6	23 10	0 4	20 48	1 29	19 8	15 8	14 14	14 16	17 30	12 35	6 26
W22	17 22	19 35	3 54	10 56	2 20	20 41	0 51	22 14	0 56	13 8	1 16	8 41	2 7	23 11	0 4	20 48	1 29	19 7	15 7	14 13	14 15	17 29	12 33	6 26
T 23	17 5	18 11	4 35	10 47	2 36	20 26	0 53	22 7	0 57	13 9	1 16	8 42	2 7	23 11	0 4	20 48	1 29	19 7	15 7	14 10	14 14	17 28	12 32	6 26
F 24	16 47	15 30	4 57	10 44	2 51	20 10	0 55	21 58	0 57	13 10	1 16	8 44	2 7	23 11	0 5	20 48	1 29	19 6	15 7	14 6	14 13	17 27	12 31	6 26
S 25	16 30	11 45	4 58	10 44	3 4	19 53	0 57	21 50	0 57	13 11	1 16	8 46	2 7	23 11	0 5	20 48	1 29	19 5	15 7	14 3	14 11	17 26	12 30	6 26
S 26	16 12	7 17	4 38	10 49	3 16	19 36	0 58	21 41	0 58	13 12	1 17	8 47	2 7	23 11	0 5	20 48	1 29	19 5	15 7	13 59	14 10	17 24	12 29	6 26
M27	15 54	2 28	4 0	10 58	3 26	19 19	1 0	21 32	0 58	13 13	1 17	8 49	2 8	23 12	0 5	20 48	1 29	19 4	15 7	13 56	14 9	17 23	12 27	6 26
T 28	15 36	2s21	3 7	11 10	3 34	19 1	1 2	21 23	0 59	13 14	1 17	8 51	2 8	23 12	0 5	20 48	1 28	19 3	15 6	13 53	14 8	17 22	12 26	6 26
W29	15 17	6 54	2 5	11 26	3 40	18 42	1 3	21 14	0 59	13 15	1 17	8 52	2 8	23 12	0 5	20 48	1 28	19 3	15 6	13 52	14 7	17 21	12 25	6 26
T 30	14 58	10 56	0 58	11 44	3 43	18 23	1 5	21 4	0 59	13 15	1 17	8 54	2 8	23 12	0 5	20 48	1 28	19 2	15 6	13 51	14 6	17 20	12 24	6 26
F 31	14s39	14s19	0n10	12s 4	3n44	18s 3	1s 6	20s55	1s 0	13s16	1n18	8n56	2n 8	23s12	0s 5	20n48	1s28	19s 1	15s 6	13s51	14s 5	17s19	12s23	6n26

Julian Day Number = 2293404.5, Delta T = 144.43 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'53, Lahiri = 17°48'53 Julian Calendar 1 Jan. 1567 == Greg. Calendar 11 Jan. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

FEBRUARY 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 21 2	21♒38'37	21♏20	16°R22	14♒ 7	1♒59	8♏56	12°R14	20♐14	11°R51	16♓58	6°R55	7♏35	19♉ 8	6♒53	S 1
S 2	9 24 59	22°39'10	3♐33	15♒17	15°22	2°45	8°58	12♍10	20°16	11♊51	16°59	6♏54	7°32	19°15	6°58	S 2
M 3	9 28 55	23°39'41	15°34	14°17	16°37	3°32	9° 0	12° 6	20°18	11°51	17° 1	6°52	7°28	19°22	7° 2	M 3
T 4	9 32 52	24°40'11	27°26	13°22	17°52	4°19	9° 2	12° 1	20°20	11°50	17° 2	6°47	7°25	19°29	7° 7	T 4
W 5	9 36 49	25°40'39	9♉16	12°34	19° 7	5° 5	9° 4	11°57	20°22	11°50	17° 3	6°40	7°22	19°35	7°12	W 5
T 6	9 40 45	26°41'06	21° 6	11°53	20°22	5°52	9° 5	11°52	20°24	11°50	17° 5	6°30	7°19	19°42	7°16	T 6
F 7	9 44 42	27°41'31	3♒ 0	11°19	21°37	6°39	9° 7	11°48	20°26	11°50	17° 6	6°18	7°16	19°49	7°21	F 7
S 8	9 48 38	28°41'55	15° 0	10°52	22°52	7°26	9° 8	11°43	20°28	11°50	17° 8	6° 4	7°13	19°55	7°25	S 8
S 9	9 52 35	29°42'17	27° 6	10°32	24° 7	8°13	9° 9	11°38	20°30	11°49	17° 9	5°51	7° 9	20° 2	7°30	S 9
M10	9 56 31	0♓42'38	9♓21	10°20	25°22	8°59	9° 9	11°34	20°32	11°49	17°11	5°40	7° 6	20° 9	7°35	M10
T 11	10 0 28	1°42'56	21°44	10°D15	26°37	9°46	9°10	11°29	20°33	11°49	17°12	5°30	7° 3	20°16	7°39	T 11
W12	10 4 24	2°43'13	4♈17	10°17	27°52	10°33	9°10	11°24	20°35	11°D49	17°14	5°23	7° 0	20°22	7°43	W12
T 13	10 8 21	3°43'28	17° 1	10°25	29° 7	11°20	9°11	11°20	20°37	11°49	17°15	5°19	6°57	20°29	7°48	T 13
F 14	10 12 18	4°43'41	29°56	10°39	0♓22	12° 7	9°R11	11°15	20°38	11°49	17°17	5°D17	6°53	20°36	7°52	F 14
S 15	10 16 14	5°43'51	13♉ 5	10°58	1°37	12°54	9°10	11°10	20°40	11°49	17°18	5°17	6°50	20°42	7°57	S 15
S 16	10 20 11	6°44'00	26°30	11°23	2°52	13°41	9°10	11° 5	20°41	11°50	17°20	5°18	6°47	20°49	8° 1	S 16
M17	10 24 7	7°44'07	10♊14	11°53	4° 7	14°28	9° 9	11° 1	20°43	11°50	17°21	5°R18	6°44	20°56	8° 5	M17
T 18	10 28 4	8°44'11	24°16	12°28	5°22	15°14	9° 9	10°56	20°44	11°50	17°23	5°17	6°41	21° 3	8°10	T 18
W19	10 32 0	9°44'14	8♋37	13° 6	6°36	16° 1	9° 8	10°51	20°46	11°50	17°24	5°14	6°38	21° 9	8°14	W19
T 20	10 35 57	10°44'14	23°15	13°49	7°51	16°48	9° 7	10°46	20°47	11°51	17°26	5° 8	6°34	21°16	8°18	T 20
F 21	10 39 53	11°44'12	8♌ 4	14°35	9° 6	17°35	9° 5	10°42	20°48	11°51	17°28	5° 1	6°31	21°23	8°22	F 21
S 22	10 43 50	12°44'07	22°56	15°25	10°21	18°22	9° 4	10°37	20°50	11°51	17°29	4°53	6°28	21°29	8°27	S 22
S 23	10 47 47	13°44'01	7♍45	16°18	11°36	19° 9	9° 2	10°32	20°51	11°52	17°31	4°44	6°25	21°36	8°31	S 23
M24	10 51 43	14°43'52	22°20	17°14	12°51	19°56	9° 0	10°27	20°52	11°52	17°32	4°37	6°22	21°43	8°35	M24
T 25	10 55 40	15°43'42	6♎35	18°13	14° 5	20°43	8°58	10°23	20°53	11°52	17°34	4°32	6°19	21°50	8°39	T 25
W26	10 59 36	16°43'30	20°25	19°15	15°20	21°30	8°56	10°18	20°54	11°53	17°35	4°29	6°15	21°56	8°43	W26
T 27	11 3 33	17°43'16	3♏50	20°19	16°35	22°17	8°54	10°13	20°55	11°53	17°37	4°D28	6°12	22° 3	8°47	T 27
F 28	11 7 29	18♓43'00	16♏48	21♒26	17♓50	23♒ 4	8♏51	10♍ 8	20♐56	11♊54	17♓38	4♏29	6♏ 9	22♉10	8♒51	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s19	16s55	1n16	12s25	3n43	17s43	1s 8	20s45	1s 0	13s17	1n18	8n58	2n 8	23s13	0s 5	20n48	1s28	19s 1	15s 6	13s51	14s 4	17s17	12s21	6n26
S 2	14 0	18 41	2 16	12 47	3 39	17 22	1 9	20 34	1 1	13 17	1 18	9 0	2 9	23 13	0 5	20 48	1 28	19 0	15 6	13 51	14 3	17 16	12 20	6 26
M 3	13 40	19 34	3 10	13 10	3 34	17 1	1 11	20 24	1 1	13 18	1 18	9 1	2 9	23 13	0 5	20 48	1 28	18 59	15 6	13 50	14 2	17 15	12 19	6 27
T 4	13 20	19 34	3 54	13 32	3 27	16 39	1 12	20 13	1 1	13 18	1 18	9 3	2 9	23 13	0 5	20 48	1 28	18 58	15 5	13 49	14 1	17 14	12 18	6 27
W 5	12 59	18 42	4 28	13 54	3 18	16 17	1 13	20 2	1 2	13 18	1 19	9 5	2 9	23 13	0 5	20 48	1 28	18 58	15 5	13 46	14 0	17 13	12 16	6 27
T 6	12 39	17 2	4 51	14 15	3 8	15 55	1 15	19 51	1 2	13 19	1 19	9 7	2 9	23 13	0 5	20 48	1 28	18 57	15 5	13 43	13 59	17 11	12 15	6 27
F 7	12 18	14 39	5 1	14 35	2 57	15 32	1 16	19 40	1 2	13 19	1 19	9 9	2 9	23 14	0 5	20 48	1 28	18 56	15 5	13 39	13 58	17 10	12 14	6 27
S 8	11 57	11 37	4 58	14 54	2 45	15 8	1 17	19 28	1 3	13 19	1 19	9 11	2 9	23 14	0 5	20 48	1 28	18 56	15 5	13 35	13 57	17 9	12 13	6 27
S 9	11 36	8 6	4 41	15 11	2 33	14 44	1 18	19 16	1 3	13 19	1 19	9 12	2 10	23 14	0 5	20 48	1 28	18 55	15 5	13 30	13 56	17 8	12 11	6 27
M10	11 15	4 12	4 12	15 27	2 20	14 20	1 19	19 4	1 3	13 19	1 20	9 14	2 10	23 14	0 5	20 48	1 28	18 54	15 5	13 26	13 55	17 6	12 10	6 27
T 11	10 53	0 4	3 30	15 41	2 7	13 55	1 20	18 52	1 4	13 19	1 20	9 16	2 10	23 14	0 5	20 48	1 28	18 54	15 5	13 23	13 54	17 5	12 9	6 28
W12	10 32	4n 7	2 37	15 53	1 53	13 30	1 21	18 40	1 4	13 19	1 20	9 18	2 10	23 14	0 5	20 49	1 28	18 53	15 5	13 21	13 53	17 4	12 8	6 28
T 13	10 10	8 10	1 36	16 4	1 40	13 5	1 21	18 27	1 4	13 19	1 20	9 20	2 10	23 14	0 5	20 49	1 28	18 52	15 5	13 19	13 52	17 3	12 6	6 28
F 14	9 48	11 55	0 29	16 13	1 27	12 39	1 22	18 14	1 5	13 19	1 20	9 22	2 10	23 15	0 5	20 49	1 28	18 52	15 5	13 19	13 51	17 2	12 5	6 28
S 15	9 26	15 8	0s42	16 20	1 14	12 13	1 23	18 1	1 5	13 19	1 20	9 24	2 10	23 15	0 5	20 49	1 27	18 51	15 5	13 19	13 50	17 0	12 4	6 28
S 16	9 4	17 37	1 51	16 26	1 1	11 46	1 23	17 48	1 5	13 19	1 21	9 26	2 10	23 15	0 5	20 49	1 27	18 50	15 5	13 19	13 49	16 59	12 3	6 28
M17	8 41	19 8	2 56	16 30	0 48	11 20	1 24	17 35	1 6	13 18	1 21	9 28	2 10	23 15	0 5	20 49	1 27	18 50	15 4	13 19	13 48	16 58	12 1	6 29
T 18	8 19	19 31	3 51	16 32	0 36	10 52	1 24	17 21	1 6	13 18	1 21	9 30	2 10	23 15	0 5	20 49	1 27	18 49	15 4	13 19	13 47	16 57	12 0	6 29
W19	7 56	18 40	4 34	16 33	0 24	10 25	1 25	17 7	1 6	13 17	1 21	9 31	2 10	23 15	0 5	20 49	1 27	18 49	15 4	13 18	13 46	16 55	11 59	6 29
T 20	7 33	16 34	4 59	16 32	0 12	9 58	1 25	16 53	1 6	13 17	1 21	9 33	2 11	23 15	0 5	20 49	1 27	18 48	15 4	13 16	13 44	16 54	11 58	6 29
F 21	7 11	13 22	5 5	16 29	0 1	9 30	1 25	16 39	1 7	13 16	1 22	9 35	2 11	23 15	0 5	20 49	1 27	18 47	15 4	13 13	13 43	16 53	11 56	6 29
S 22	6 48	9 19	4 51	16 25	0s10	9 2	1 26	16 25	1 7	13 16	1 22	9 37	2 11	23 15	0 5	20 49	1 27	18 47	15 4	13 11	13 42	16 52	11 55	6 30
S 23	6 25	4 42	4 17	16 19	0 21	8 33	1 26	16 11	1 7	13 15	1 22	9 39	2 11	23 15	0 5	20 49	1 27	18 46	15 4	13 8	13 41	16 50	11 54	6 30
M24	6 2	0s 7	3 27	16 12	0 31	8 5	1 26	15 56	1 7	13 14	1 22	9 41	2 11	23 16	0 5	20 50	1 27	18 45	15 4	13 5	13 40	16 49	11 53	6 30
T 25	5 38	4 50	2 24	16 3	0 41	7 36	1 26	15 41	1 8	13 13	1 22	9 43	2 11	23 16	0 5	20 50	1 27	18 45	15 4	13 4	13 39	16 48	11 51	6 30
W26	5 15	9 9	1 15	15 52	0 50	7 7	1 26	15 26	1 8	13 12	1 22	9 45	2 11	23 16	0 5	20 50	1 27	18 44	15 4	13 3	13 38	16 47	11 50	6 30
T 27	4 52	12 53	0 3	15 41	0 59	6 38	1 26	15 11	1 8	13 11	1 23	9 46	2 11	23 16	0 5	20 50	1 27	18 44	15 4	13 2	13 37	16 45	11 49	6 31
F 28	4s28	15s50	1n 6	15s27	1s 7	6s 8	1s26	14s56	1s 8	13s10	1n23	9n48	2n11	23s16	0s 5	20n50	1s27	18s43	15s 4	13s 3	13s36	16s44	11s48	6n31

Julian Day Number = 2293435.5, Delta T = 144.26 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°41'57, Lahiri = 17°48'58 Julian Calendar 1 Feb. 1567 == Greg. Calendar 11 Feb. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

MARCH 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 11 26	19♓42'43	29♏25	22♒34	19♓ 4	23♒51	8°R48	10°R 4	20♐57	11♊55	17♓40	4♏30	6♏ 6	22♉17	8♒55	S 1
S 2	11 15 22	20°42'24	11♐42	23°45	20°19	24°38	8♏45	9♍59	20°57	11°55	17°41	4°31	6° 3	22°23	8°59	S 2
M 3	11 19 19	21°42'03	23°46	24°58	21°34	25°25	8°42	9°54	20°58	11°56	17°43	4°R32	5°59	22°30	9° 3	M 3
T 4	11 23 15	22°41'40	5♉41	26°13	22°49	26°12	8°39	9°50	20°59	11°56	17°45	4°31	5°56	22°37	9° 6	T 4
W 5	11 27 12	23°41'16	17°33	27°30	24° 3	26°59	8°36	9°45	20°59	11°57	17°46	4°28	5°53	22°43	9°10	W 5
T 6	11 31 9	24°40'50	29°25	28°48	25°18	27°45	8°32	9°41	21° 0	11°58	17°48	4°23	5°50	22°50	9°14	T 6
F 7	11 35 5	25°40'22	11♒21	0♓ 8	26°33	28°32	8°28	9°36	21° 1	11°59	17°49	4°17	5°47	22°57	9°18	F 7
S 8	11 39 2	26°39'52	23°26	1°30	27°47	29°19	8°24	9°32	21° 1	11°59	17°51	4°10	5°44	23° 4	9°21	S 8
S 9	11 42 58	27°39'20	5♓41	2°54	29° 2	0♓ 6	8°20	9°27	21° 1	12° 0	17°52	4° 3	5°40	23°10	9°25	S 9
M10	11 46 55	28°38'46	18° 7	4°19	0♈16	0°53	8°16	9°23	21° 2	12° 1	17°54	3°57	5°37	23°17	9°28	M10
T 11	11 50 51	29°38'10	0♈46	5°46	1°31	1°40	8°11	9°19	21° 2	12° 2	17°55	3°52	5°34	23°24	9°32	T 11
W12	11 54 48	0♈37'32	13°38	7°14	2°46	2°27	8° 7	9°14	21° 2	12° 3	17°57	3°49	5°31	23°30	9°35	W12
T 13	11 58 44	1°36'52	26°42	8°43	4° 0	3°14	8° 2	9°10	21° 3	12° 4	17°58	3°47	5°28	23°37	9°39	T 13
F 14	12 2 41	2°36'10	9♉59	10°15	5°15	4° 1	7°57	9° 6	21° 3	12° 5	18° 0	3°D47	5°24	23°44	9°42	F 14
S 15	12 6 38	3°35'25	23°27	11°47	6°29	4°48	7°52	9° 2	21° 3	12° 6	18° 1	3°48	5°21	23°51	9°45	S 15
S 16	12 10 34	4°34'39	7♊ 7	13°21	7°44	5°35	7°46	8°58	21° 3	12° 7	18° 3	3°50	5°18	23°57	9°49	S 16
M17	12 14 31	5°33'50	20°59	14°57	8°58	6°21	7°41	8°54	21°R 3	12° 8	18° 4	3°51	5°15	24° 4	9°52	M17
T 18	12 18 27	6°32'58	5♋ 1	16°34	10°12	7° 8	7°36	8°50	21° 3	12° 9	18° 6	3°R52	5°12	24°11	9°55	T 18
W19	12 22 24	7°32'05	19°13	18°12	11°27	7°55	7°30	8°46	21° 3	12°10	18° 7	3°51	5° 9	24°17	9°58	W19
T 20	12 26 20	8°31'08	3♌33	19°52	12°41	8°42	7°24	8°42	21° 3	12°12	18° 9	3°50	5° 5	24°24	10° 1	T 20
F 21	12 30 17	9°30'10	17°57	21°33	13°56	9°29	7°18	8°38	21° 3	12°13	18°10	3°47	5° 2	24°31	10° 4	F 21
S 22	12 34 13	10°29'09	2♍21	23°16	15°10	10°16	7°12	8°34	21° 2	12°14	18°12	3°44	4°59	24°38	10° 7	S 22
S 23	12 38 10	11°28'06	16°41	25° 0	16°24	11° 2	7° 6	8°31	21° 2	12°15	18°13	3°40	4°56	24°44	10°10	S 23
M24	12 42 7	12°27'01	0♎51	26°46	17°39	11°49	7° 0	8°27	21° 2	12°17	18°15	3°38	4°53	24°51	10°13	M24
T 25	12 46 3	13°25'53	14°46	28°33	18°53	12°36	6°53	8°24	21° 1	12°18	18°16	3°36	4°50	24°58	10°16	T 25
W26	12 50 0	14°24'44	28°22	0♈21	20° 7	13°22	6°47	8°20	21° 1	12°19	18°17	3°D35	4°46	25° 5	10°18	W26
T 27	12 53 56	15°23'33	11♏39	2°12	21°21	14° 9	6°40	8°17	21° 0	12°21	18°19	3°35	4°43	25°11	10°21	T 27
F 28	12 57 53	16°22'19	24°35	4° 3	22°36	14°56	6°34	8°14	21° 0	12°22	18°20	3°36	4°40	25°18	10°24	F 28
S 29	13 1 49	17°21'05	7♐12	5°56	23°50	15°43	6°27	8°11	20°59	12°23	18°22	3°37	4°37	25°25	10°26	S 29
S 30	13 5 46	18°19'48	19°32	7°51	25° 4	16°29	6°20	8° 8	20°58	12°25	18°23	3°39	4°34	25°31	10°29	S 30
M31	13 9 42	19♈18'29	1♉39	9♈47	26♈18	17♓16	6♏13	8♍ 5	20♐58	12♊26	18♓24	3♏40	4♏30	25♉38	10♒31	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 5	17s57	2n11	15s12	1s15	5s39	1s25	14s41	1s 9	13s 9	1n23	9n50	2n11	23s16	0s 5	20n50	1s27	18s42	15s 4	13s 3	13s35	16s43	11s46	6n31
S 2	3 41	19 8	3 8	14 56	1 23	5 9	1 25	14 25	1 9	13 8	1 23	9 52	2 11	23 16	0 5	20 50	1 27	18 42	15 4	13 3	13 34	16 42	11 45	6 32
M 3	3 18	19 26	3 55	14 38	1 30	4 39	1 25	14 10	1 9	13 7	1 23	9 54	2 11	23 16	0 5	20 50	1 27	18 41	15 5	13 4	13 33	16 40	11 44	6 32
T 4	2 54	18 51	4 32	14 19	1 37	4 9	1 24	13 54	1 9	13 6	1 23	9 55	2 11	23 16	0 5	20 51	1 26	18 41	15 5	13 3	13 32	16 39	11 43	6 32
W 5	2 31	17 26	4 56	13 59	1 43	3 39	1 24	13 38	1 9	13 5	1 24	9 57	2 11	23 16	0 5	20 51	1 26	18 40	15 5	13 2	13 31	16 38	11 41	6 32
T 6	2 7	15 17	5 9	13 37	1 49	3 9	1 23	13 22	1 10	13 3	1 24	9 59	2 11	23 16	0 5	20 51	1 26	18 40	15 5	13 1	13 30	16 37	11 40	6 33
F 7	1 43	12 29	5 7	13 14	1 54	2 39	1 23	13 6	1 10	13 2	1 24	10 0	2 11	23 16	0 5	20 51	1 26	18 39	15 5	12 59	13 29	16 35	11 39	6 33
S 8	1 20	9 8	4 53	12 49	1 59	2 8	1 22	12 50	1 10	13 1	1 24	10 2	2 11	23 16	0 5	20 51	1 26	18 38	15 5	12 56	13 28	16 34	11 38	6 33
S 9	0 56	5 21	4 24	12 23	2 3	1 38	1 21	12 33	1 10	12 59	1 24	10 4	2 11	23 16	0 5	20 51	1 26	18 38	15 5	12 54	13 27	16 33	11 37	6 33
M10	0 32	1 17	3 43	11 56	2 8	1 7	1 21	12 17	1 10	12 58	1 24	10 5	2 11	23 16	0 5	20 52	1 26	18 37	15 5	12 52	13 26	16 31	11 35	6 34
T 11	0 9	2n55	2 50	11 27	2 11	0 37	1 20	12 0	1 10	12 56	1 24	10 7	2 11	23 16	0 5	20 52	1 26	18 37	15 5	12 50	13 24	16 30	11 34	6 34
W12	0n15	7 3	1 48	10 57	2 14	0 6	1 19	11 43	1 10	12 54	1 25	10 9	2 11	23 17	0 5	20 52	1 26	18 36	15 5	12 49	13 23	16 29	11 33	6 34
T 13	0 39	10 55	0 39	10 26	2 17	0n24	1 18	11 26	1 11	12 53	1 25	10 10	2 11	23 17	0 5	20 52	1 26	18 36	15 5	12 48	13 22	16 28	11 32	6 35
F 14	1 2	14 18	0s34	9 53	2 19	0 55	1 17	11 9	1 11	12 51	1 25	10 12	2 11	23 17	0 5	20 52	1 26	18 35	15 5	12 48	13 21	16 26	11 31	6 35
S 15	1 26	16 58	1 46	9 20	2 21	1 25	1 16	10 52	1 11	12 49	1 25	10 13	2 11	23 17	0 5	20 52	1 26	18 35	15 5	12 49	13 20	16 25	11 29	6 35
S 16	1 49	18 43	2 52	8 45	2 22	1 56	1 15	10 35	1 11	12 48	1 25	10 15	2 11	23 17	0 5	20 53	1 26	18 34	15 6	12 49	13 19	16 24	11 28	6 36
M17	2 13	19 21	3 50	8 8	2 23	2 26	1 14	10 18	1 11	12 46	1 25	10 16	2 11	23 17	0 5	20 53	1 26	18 34	15 6	12 50	13 18	16 22	11 27	6 36
T 18	2 36	18 49	4 35	7 31	2 23	2 57	1 12	10 1	1 11	12 44	1 25	10 18	2 11	23 17	0 5	20 53	1 26	18 33	15 6	12 50	13 17	16 21	11 26	6 36
W19	3 0	17 6	5 4	6 52	2 23	3 27	1 11	9 43	1 11	12 42	1 25	10 19	2 11	23 17	0 5	20 53	1 26	18 33	15 6	12 50	13 16	16 20	11 25	6 37
T 20	3 23	14 19	5 14	6 12	2 22	3 57	1 10	9 26	1 11	12 40	1 25	10 21	2 11	23 17	0 5	20 53	1 26	18 32	15 6	12 49	13 15	16 18	11 24	6 37
F 21	3 46	10 39	5 4	5 31	2 21	4 27	1 8	9 8	1 11	12 38	1 26	10 22	2 11	23 17	0 5	20 54	1 26	18 32	15 6	12 48	13 14	16 17	11 22	6 37
S 22	4 10	6 22	4 36	4 49	2 20	4 58	1 7	8 50	1 11	12 36	1 26	10 23	2 10	23 17	0 5	20 54	1 26	18 31	15 6	12 47	13 13	16 16	11 21	6 38
S 23	4 33	1 44	3 50	4 6	2 17	5 28	1 5	8 33	1 11	12 34	1 26	10 25	2 10	23 17	0 5	20 54	1 25	18 31	15 6	12 46	13 12	16 14	11 20	6 38
M24	4 56	2s57	2 51	3 21	2 15	5 57	1 4	8 15	1 11	12 32	1 26	10 26	2 10	23 17	0 5	20 54	1 25	18 31	15 7	12 45	13 11	16 13	11 19	6 39
T 25	5 19	7 24	1 42	2 36	2 12	6 27	1 2	7 57	1 11	12 30	1 26	10 27	2 10	23 17	0 5	20 55	1 25	18 30	15 7	12 45	13 10	16 12	11 18	6 39
W26	5 42	11 22	0 29	1 49	2 8	6 57	1 1	7 39	1 11	12 27	1 26	10 28	2 10	23 17	0 5	20 55	1 25	18 30	15 7	12 44	13 8	16 11	11 17	6 39
T 27	6 4	14 40	0n44	1 1	2 4	7 26	0 59	7 21	1 12	12 25	1 26	10 29	2 10	23 17	0 5	20 55	1 25	18 29	15 7	12 44	13 7	16 9	11 16	6 40
F 28	6 27	17 8	1 53	0 12	1 59	7 56	0 57	7 3	1 12	12 23	1 26	10 31	2 10	23 17	0 5	20 55	1 25	18 29	15 7	12 45	13 6	16 8	11 15	6 40
S 29	6 50	18 41	2 55	0n37	1 54	8 25	0 55	6 45	1 12	12 21	1 26	10 32	2 10	23 17	0 5	20 55	1 25	18 29	15 7	12 45	13 5	16 7	11 14	6 40
S 30	7 12	19 18	3 47	1 28	1 48	8 54	0 53	6 27	1 12	12 18	1 26	10 33	2 10	23 17	0 5	20 56	1 25	18 28	15 8	12 46	13 4	16 5	11 13	6 41
M31	7n34	19s 1	4n28	2n19	1s42	9n23	0s52	6s 8	1s11	12s16	1n26	10n34	2n10	23s16	0s 5	20n56	1s25	18s28	15s 8	12s46	13s 3	16s 4	11s12	6n41

Julian Day Number = 2293463.5, Delta T = 144.11 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'01, Lahiri = 17°49'01 Julian Calendar 1 March 1567 == Greg. Calendar 11 March 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

APRIL 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 13 39	20♈17'09	13♉36	11♈45	27♈32	18♓ 2	6°R 6	8°R 2	20°R57	12♊28	18♓26	3♏40	4♏27	25♉45	10♒34	T 1
W 2	13 17 36	21°15'47	25°30	13°44	28°47	18°49	5♏59	7♍59	20♐56	12°29	18°27	3°R40	4°24	25°52	10°36	W 2
T 3	13 21 32	22°14'24	7♒23	15°45	0♉ 1	19°36	5°52	7°56	20°55	12°31	18°28	3°40	4°21	25°58	10°38	T 3
F 4	13 25 29	23°12'58	19°22	17°47	1°15	20°22	5°44	7°53	20°54	12°33	18°30	3°39	4°18	26° 5	10°40	F 4
S 5	13 29 25	24°11'31	1♓29	19°50	2°29	21° 9	5°37	7°51	20°54	12°34	18°31	3°38	4°15	26°12	10°42	S 5
S 6	13 33 22	25°10'03	13°49	21°55	3°43	21°55	5°30	7°48	20°53	12°36	18°32	3°37	4°11	26°18	10°45	S 6
M 7	13 37 18	26° 8'32	26°24	24° 0	4°57	22°41	5°22	7°46	20°52	12°37	18°34	3°36	4° 8	26°25	10°47	M 7
T 8	13 41 15	27° 7'00	9♈17	26° 7	6°11	23°28	5°15	7°44	20°50	12°39	18°35	3°35	4° 5	26°32	10°49	T 8
W 9	13 45 11	28° 5'26	22°26	28°15	7°25	24°14	5° 7	7°41	20°49	12°41	18°36	3°34	4° 2	26°39	10°50	W 9
T 10	13 49 8	29° 3'50	5♉53	0♉23	8°39	25° 1	5° 0	7°39	20°48	12°42	18°37	3°D34	3°59	26°45	10°52	T 10
F 11	13 53 4	0♉ 2'12	19°35	2°32	9°53	25°47	4°52	7°37	20°47	12°44	18°39	3°34	3°56	26°52	10°54	F 11
S 12	13 57 1	1° 0'33	3♊30	4°40	11° 7	26°33	4°44	7°35	20°46	12°46	18°40	3°35	3°52	26°59	10°56	S 12
S 13	14 0 58	1°58'51	17°35	6°49	12°21	27°20	4°37	7°34	20°44	12°48	18°41	3°35	3°49	27° 5	10°57	S 13
M14	14 4 54	2°57'08	1♋47	8°58	13°35	28° 6	4°29	7°32	20°43	12°50	18°42	3°35	3°46	27°12	10°59	M14
T 15	14 8 51	3°55'22	16° 2	11° 6	14°49	28°52	4°22	7°30	20°42	12°51	18°43	3°R35	3°43	27°19	11° 0	T 15
W16	14 12 47	4°53'34	0♌17	13°12	16° 3	29°38	4°14	7°29	20°40	12°53	18°45	3°D35	3°40	27°26	11° 2	W16
T 17	14 16 44	5°51'44	14°30	15°18	17°17	0♈24	4° 6	7°27	20°39	12°55	18°46	3°35	3°36	27°32	11° 3	T 17
F 18	14 20 40	6°49'53	28°38	17°22	18°30	1°10	3°59	7°26	20°37	12°57	18°47	3°35	3°33	27°39	11° 5	F 18
S 19	14 24 37	7°47'59	12♍39	19°25	19°44	1°56	3°51	7°25	20°36	12°59	18°48	3°35	3°30	27°46	11° 6	S 19
S 20	14 28 33	8°46'03	26°31	21°25	20°58	2°42	3°43	7°24	20°34	13° 1	18°49	3°36	3°27	27°53	11° 7	S 20
M21	14 32 30	9°44'05	10♎12	23°23	22°12	3°28	3°36	7°23	20°33	13° 3	18°50	3°36	3°24	27°59	11° 8	M21
T 22	14 36 27	10°42'05	23°40	25°18	23°25	4°14	3°28	7°22	20°31	13° 5	18°51	3°37	3°21	28° 6	11° 9	T 22
W23	14 40 23	11°40'04	6♏55	27°11	24°39	5° 0	3°21	7°21	20°29	13° 7	18°52	3°R37	3°17	28°13	11°10	W23
T 24	14 44 20	12°38'01	19°55	29° 1	25°53	5°46	3°13	7°20	20°27	13° 9	18°53	3°37	3°14	28°19	11°11	T 24
F 25	14 48 16	13°35'57	2♐39	0♊47	27° 6	6°32	3° 6	7°20	20°26	13°11	18°54	3°36	3°11	28°26	11°12	F 25
S 26	14 52 13	14°33'51	15° 9	2°31	28°20	7°18	2°58	7°19	20°24	13°13	18°55	3°34	3° 8	28°33	11°13	S 26
S 27	14 56 9	15°31'44	27°26	4°11	29°34	8° 4	2°51	7°19	20°22	13°15	18°56	3°33	3° 5	28°40	11°13	S 27
M28	15 0 6	16°29'35	9♉32	5°48	0♊47	8°49	2°44	7°19	20°20	13°17	18°57	3°31	3° 1	28°46	11°14	M28
T 29	15 4 2	17°27'25	21°30	7°21	2° 1	9°35	2°36	7°18	20°18	13°19	18°58	3°29	2°58	28°53	11°15	T 29
W30	15 7 59	18♉25'14	3♒24	8♊51	3♊15	10♈21	2♏29	7°D18	20♐16	13♊21	18♓59	3♏28	2♏55	29♉ 0	11♒15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n57	17s52	4n57	3n12	1s35	9n51	0s50	5s50	1s11	12s14	1n26	10n35	2n10	23s16	0s 5	20n56	1s25	18s27	15s 8	12s46	13s 2	16s 3	11s11	6n42
W 2	8 19	15 57	5 13	4 5	1 28	10 19	0 48	5 32	1 11	12 11	1 26	10 36	2 9	23 16	0 5	20 56	1 25	18 27	15 8	12 46	13 1	16 1	11 10	6 42
T 3	8 41	13 22	5 16	4 59	1 20	10 47	0 46	5 13	1 11	12 9	1 26	10 37	2 9	23 16	0 5	20 57	1 25	18 27	15 8	12 46	13 0	16 0	11 9	6 42
F 4	9 2	10 13	5 5	5 53	1 12	11 15	0 44	4 55	1 11	12 6	1 26	10 38	2 9	23 16	0 5	20 57	1 25	18 26	15 9	12 46	12 59	15 59	11 8	6 43
S 5	9 24	6 36	4 40	6 48	1 4	11 43	0 42	4 37	1 11	12 4	1 26	10 38	2 9	23 16	0 5	20 57	1 25	18 26	15 9	12 45	12 58	15 57	11 7	6 43
S 6	9 46	2 39	4 2	7 43	0 55	12 10	0 39	4 18	1 11	12 2	1 26	10 39	2 9	23 16	0 5	20 57	1 25	18 26	15 9	12 45	12 57	15 56	11 6	6 44
M 7	10 7	1n30	3 12	8 38	0 45	12 37	0 37	4 0	1 11	11 59	1 26	10 40	2 9	23 16	0 5	20 58	1 25	18 26	15 9	12 45	12 56	15 54	11 5	6 44
T 8	10 28	5 41	2 11	9 33	0 36	13 4	0 35	3 41	1 11	11 57	1 26	10 41	2 9	23 16	0 6	20 58	1 25	18 25	15 10	12 44	12 55	15 53	11 4	6 45
W 9	10 49	9 42	1 1	10 29	0 26	13 30	0 33	3 23	1 11	11 54	1 26	10 42	2 9	23 16	0 6	20 58	1 25	18 25	15 10	12 44	12 53	15 52	11 3	6 45
T 10	11 10	13 19	0s13	11 24	0 15	13 56	0 31	3 4	1 11	11 52	1 26	10 42	2 9	23 16	0 6	20 58	1 25	18 25	15 10	12 44	12 52	15 50	11 2	6 45
F 11	11 31	16 16	1 28	12 18	0 5	14 22	0 28	2 46	1 11	11 49	1 26	10 43	2 8	23 16	0 6	20 59	1 25	18 24	15 10	12 44	12 51	15 49	11 1	6 46
S 12	11 51	18 18	2 38	13 12	0n 6	14 47	0 26	2 27	1 11	11 47	1 26	10 43	2 8	23 16	0 6	20 59	1 25	18 24	15 10	12 44	12 50	15 48	11 0	6 46
S 13	12 11	19 15	3 41	14 5	0 17	15 12	0 24	2 9	1 11	11 44	1 26	10 44	2 8	23 16	0 6	20 59	1 25	18 24	15 11	12 44	12 49	15 46	11 0	6 47
M14	12 31	18 59	4 30	14 57	0 27	15 37	0 21	1 50	1 10	11 42	1 26	10 45	2 8	23 16	0 6	20 59	1 25	18 24	15 11	12 44	12 48	15 45	10 59	6 47
T 15	12 51	17 31	5 2	15 48	0 38	16 1	0 19	1 32	1 10	11 39	1 26	10 45	2 8	23 16	0 6	21 0	1 24	18 23	15 11	12 44	12 47	15 44	10 58	6 48
W16	13 11	14 59	5 17	16 37	0 49	16 25	0 17	1 13	1 10	11 37	1 26	10 45	2 8	23 15	0 6	21 0	1 24	18 23	15 12	12 44	12 46	15 42	10 57	6 48
T 17	13 30	11 33	5 11	17 24	0 59	16 48	0 14	0 55	1 10	11 34	1 26	10 46	2 8	23 15	0 6	21 0	1 24	18 23	15 12	12 44	12 45	15 41	10 56	6 48
F 18	13 50	7 29	4 47	18 9	1 9	17 11	0 12	0 36	1 10	11 32	1 26	10 46	2 7	23 15	0 6	21 0	1 24	18 23	15 12	12 44	12 44	15 39	10 56	6 49
S 19	14 9	3 2	4 6	18 53	1 18	17 33	0 9	0 17	1 10	11 29	1 26	10 46	2 7	23 15	0 6	21 1	1 24	18 23	15 12	12 45	12 43	15 38	10 55	6 49
S 20	14 27	1s32	3 11	19 34	1 28	17 56	0 7	0n 1	1 9	11 27	1 26	10 47	2 7	23 15	0 6	21 1	1 24	18 22	15 13	12 45	12 42	15 37	10 54	6 50
M21	14 46	5 59	2 6	20 13	1 36	18 17	0 5	0 19	1 9	11 24	1 26	10 47	2 7	23 15	0 6	21 1	1 24	18 22	15 13	12 45	12 40	15 35	10 53	6 50
T 22	15 4	10 4	0 55	20 49	1 44	18 38	0 2	0 38	1 9	11 22	1 26	10 47	2 7	23 15	0 6	21 2	1 24	18 22	15 13	12 45	12 39	15 34	10 53	6 51
W23	15 22	13 34	0n18	21 23	1 52	18 59	0n 0	0 56	1 9	11 19	1 25	10 47	2 7	23 15	0 6	21 2	1 24	18 22	15 13	12 45	12 38	15 33	10 52	6 51
T 24	15 40	16 20	1 29	21 55	1 59	19 19	0 3	1 15	1 9	11 17	1 25	10 47	2 7	23 15	0 6	21 2	1 24	18 22	15 14	12 45	12 37	15 31	10 51	6 52
F 25	15 57	18 13	2 34	22 24	2 5	19 39	0 5	1 33	1 8	11 14	1 25	10 48	2 6	23 15	0 6	21 2	1 24	18 22	15 14	12 45	12 36	15 30	10 51	6 52
S 26	16 15	19 11	3 30	22 50	2 10	19 58	0 8	1 51	1 8	11 12	1 25	10 48	2 6	23 14	0 6	21 3	1 24	18 22	15 14	12 44	12 35	15 28	10 50	6 53
S 27	16 32	19 13	4 16	23 14	2 15	20 16	0 10	2 10	1 8	11 9	1 25	10 48	2 6	23 14	0 6	21 3	1 24	18 21	15 15	12 44	12 34	15 27	10 49	6 53
M28	16 48	18 21	4 49	23 36	2 18	20 34	0 13	2 28	1 8	11 7	1 25	10 48	2 6	23 14	0 6	21 3	1 24	18 21	15 15	12 43	12 33	15 26	10 49	6 53
T 29	17 5	16 41	5 9	23 55	2 21	20 52	0 15	2 46	1 8	11 5	1 25	10 47	2 6	23 14	0 6	21 4	1 24	18 21	15 15	12 42	12 32	15 24	10 48	6 54
W30	17n21	14s19	5n16	24n11	2n24	21n 9	0n18	3n 4	1s 7	11s 2	1n25	10n47	2n 6	23s14	0s 6	21n 4	1s24	18s21	15s16	12s42	12s31	15s23	10s48	6n54

Julian Day Number = 2293494.5, Delta T = 143.94 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'05, Lahiri = 17°49'06 Julian Calendar 1 Apr. 1567 == Greg. Calendar 11 Apr. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

MAY 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 11 56	19♉23'02	15♒18	10♊17	4♊28	11♈ 6	2°R22	7♍18	20°R14	13♊23	19♓ 0	3°D28	2♏52	29♑ 7	11♒16	T 1
F 2	15 15 52	20°20'48	27°16	11°40	5°42	11°52	2♏15	7°19	20♐12	13°25	19° 1	3♏28	2°49	29°13	11°16	F 2
S 3	15 19 49	21°18'34	9♓23	12°59	6°55	12°37	2° 8	7°19	20°10	13°27	19° 2	3°28	2°46	29°20	11°16	S 3
S 4	15 23 45	22°16'18	21°44	14°14	8° 9	13°23	2° 1	7°19	20° 8	13°29	19° 2	3°30	2°42	29°27	11°16	S 4
M 5	15 27 42	23°14'01	4♈22	15°25	9°22	14° 8	1°55	7°20	20° 6	13°31	19° 3	3°31	2°39	29°33	11°17	M 5
T 6	15 31 38	24°11'43	17°21	16°33	10°36	14°53	1°48	7°20	20° 4	13°33	19° 4	3°32	2°36	29°40	11°17	T 6
W 7	15 35 35	25° 9'23	0♉43	17°36	11°49	15°39	1°42	7°21	20° 2	13°35	19° 5	3°R33	2°33	29°47	11°R17	W 7
T 8	15 39 31	26° 7'03	14°27	18°36	13° 2	16°24	1°35	7°22	20° 0	13°38	19° 6	3°33	2°30	29°54	11°17	T 8
F 9	15 43 28	27° 4'41	28°31	19°32	14°16	17° 9	1°29	7°22	19°58	13°40	19° 6	3°31	2°27	0♒ 0	11°17	F 9
S 10	15 47 25	28° 2'19	12♊53	20°23	15°29	17°54	1°23	7°23	19°56	13°42	19° 7	3°29	2°23	0° 7	11°17	S 10
S 11	15 51 21	28°59'55	27°26	21°10	16°43	18°40	1°16	7°24	19°53	13°44	19° 8	3°26	2°20	0°14	11°16	S 11
M12	15 55 18	29°57'30	12♋ 4	21°54	17°56	19°25	1°10	7°26	19°51	13°46	19° 8	3°22	2°17	0°20	11°16	M12
T 13	15 59 14	0♊55'03	26°41	22°32	19° 9	20°10	1° 5	7°27	19°49	13°48	19° 9	3°19	2°14	0°27	11°16	T 13
W14	16 3 11	1°52'35	11♌10	23° 7	20°23	20°55	0°59	7°28	19°47	13°51	19°10	3°16	2°11	0°34	11°15	W14
T 15	16 7 7	2°50'05	25°27	23°36	21°36	21°40	0°53	7°30	19°44	13°53	19°10	3°15	2° 7	0°41	11°15	T 15
F 16	16 11 4	3°47'34	9♍30	24° 2	22°49	22°24	0°48	7°31	19°42	13°55	19°11	3°D15	2° 4	0°47	11°14	F 16
S 17	16 15 0	4°45'02	23°18	24°23	24° 2	23° 9	0°42	7°33	19°40	13°57	19°11	3°16	2° 1	0°54	11°13	S 17
S 18	16 18 57	5°42'28	6♎51	24°39	25°16	23°54	0°37	7°35	19°37	13°59	19°12	3°17	1°58	1° 1	11°13	S 18
M19	16 22 54	6°39'54	20° 9	24°50	26°29	24°39	0°32	7°37	19°35	14° 2	19°12	3°19	1°55	1° 8	11°12	M19
T 20	16 26 50	7°37'18	3♏13	24°57	27°42	25°23	0°27	7°39	19°33	14° 4	19°13	3°R19	1°52	1°14	11°11	T 20
W21	16 30 47	8°34'41	16° 5	24°R59	28°55	26° 8	0°23	7°41	19°30	14° 6	19°13	3°18	1°48	1°21	11°10	W21
T 22	16 34 43	9°32'03	28°46	24°57	0♋ 8	26°52	0°18	7°43	19°28	14° 8	19°14	3°16	1°45	1°28	11° 9	T 22
F 23	16 38 40	10°29'24	11♐15	24°50	1°21	27°37	0°14	7°45	19°25	14°11	19°14	3°12	1°42	1°34	11° 8	F 23
S 24	16 42 36	11°26'44	23°34	24°39	2°34	28°21	0° 9	7°47	19°23	14°13	19°15	3° 6	1°39	1°41	11° 7	S 24
S 25	16 46 33	12°24'04	5♑43	24°24	3°47	29° 6	0° 5	7°50	19°21	14°15	19°15	2°59	1°36	1°48	11° 6	S 25
M26	16 50 29	13°21'23	17°45	24° 6	5° 0	29°50	0° 1	7°53	19°18	14°17	19°15	2°52	1°33	1°55	11° 5	M26
T 27	16 54 26	14°18'41	29°41	23°43	6°13	0♉34	29♎57	7°55	19°16	14°20	19°16	2°45	1°29	2° 1	11° 4	T 27
W28	16 58 23	15°15'59	11♒34	23°18	7°26	1°18	29°54	7°58	19°13	14°22	19°16	2°39	1°26	2° 8	11° 2	W28
T 29	17 2 19	16°13'16	23°26	22°50	8°39	2° 2	29°50	8° 1	19°11	14°24	19°16	2°35	1°23	2°15	11° 1	T 29
F 30	17 6 16	17°10'33	5♓23	22°19	9°52	2°46	29°47	8° 4	19° 8	14°26	19°17	2°32	1°20	2°22	10°59	F 30
S 31	17 10 12	18♊ 7'49	17♓28	21♊47	11♋ 5	3♉31	29♎44	8♍ 7	19♐ 6	14♊29	19♓17	2°D31	1♏17	2♒28	10♒58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n37	11s21	5n 9	24n26	2n25	21n25	0n20	3n23	1s 7	11s 0	1n24	10n47	2n 5	23s14	0s 6	21n 4	1s24	18s21	15s16	12s42	12s30	15s21	10s47	6n55
F 2	17 52	7 55	4 49	24 38	2 25	21 41	0 23	3 41	1 7	10 58	1 24	10 47	2 5	23 14	0 6	21 4	1 24	18 21	15 16	12 42	12 29	15 20	10 47	6 55
S 3	18 8	4 7	4 16	24 48	2 25	21 56	0 25	3 59	1 6	10 56	1 24	10 47	2 5	23 14	0 6	21 5	1 24	18 21	15 17	12 42	12 27	15 19	10 46	6 56
S 4	18 23	0 4	3 31	24 56	2 23	22 10	0 28	4 17	1 6	10 53	1 24	10 47	2 5	23 13	0 6	21 5	1 24	18 21	15 17	12 43	12 26	15 17	10 46	6 56
M 5	18 37	4n 6	2 34	25 2	2 21	22 24	0 30	4 35	1 6	10 51	1 24	10 46	2 5	23 13	0 6	21 5	1 24	18 21	15 17	12 43	12 25	15 16	10 45	6 57
T 6	18 52	8 11	1 28	25 6	2 18	22 37	0 33	4 52	1 6	10 49	1 24	10 46	2 5	23 13	0 6	21 5	1 24	18 21	15 18	12 43	12 24	15 14	10 45	6 57
W 7	19 6	11 59	0 16	25 8	2 14	22 50	0 35	5 10	1 5	10 47	1 24	10 45	2 5	23 13	0 6	21 6	1 24	18 21	15 18	12 44	12 23	15 13	10 44	6 57
T 8	19 20	15 16	1s 0	25 8	2 9	23 2	0 37	5 28	1 5	10 45	1 23	10 45	2 4	23 13	0 6	21 6	1 24	18 21	15 18	12 44	12 22	15 12	10 44	6 58
F 9	19 33	17 43	2 13	25 7	2 3	23 13	0 40	5 45	1 5	10 43	1 23	10 45	2 4	23 13	0 6	21 6	1 24	18 21	15 19	12 43	12 21	15 10	10 43	6 58
S 10	19 46	19 6	3 19	25 4	1 56	23 24	0 42	6 3	1 4	10 41	1 23	10 44	2 4	23 12	0 6	21 7	1 24	18 21	15 19	12 42	12 20	15 9	10 43	6 59
S 11	19 59	19 14	4 14	25 0	1 48	23 34	0 44	6 21	1 4	10 39	1 23	10 43	2 4	23 12	0 6	21 7	1 24	18 21	15 19	12 41	12 19	15 7	10 43	6 59
M12	20 11	18 6	4 52	24 54	1 40	23 43	0 47	6 38	1 4	10 37	1 23	10 43	2 4	23 12	0 6	21 7	1 24	18 21	15 20	12 40	12 18	15 6	10 42	7 0
T 13	20 23	15 47	5 11	24 47	1 30	23 52	0 49	6 55	1 3	10 35	1 22	10 42	2 4	23 12	0 6	21 7	1 24	18 21	15 20	12 39	12 17	15 4	10 42	7 0
W14	20 35	12 29	5 10	24 38	1 20	24 0	0 51	7 13	1 3	10 33	1 22	10 42	2 3	23 12	0 6	21 8	1 24	18 21	15 20	12 38	12 15	15 3	10 42	7 1
T 15	20 46	8 31	4 50	24 29	1 8	24 7	0 53	7 30	1 2	10 32	1 22	10 41	2 3	23 12	0 6	21 8	1 24	18 21	15 21	12 37	12 14	15 2	10 41	7 1
F 16	20 57	4 7	4 13	24 18	0 56	24 14	0 56	7 47	1 2	10 30	1 22	10 40	2 3	23 12	0 6	21 8	1 24	18 21	15 21	12 37	12 13	15 0	10 41	7 1
S 17	21 8	0s25	3 21	24 6	0 43	24 19	0 58	8 4	1 2	10 28	1 22	10 39	2 3	23 11	0 6	21 9	1 24	18 22	15 21	12 38	12 12	14 59	10 41	7 2
S 18	21 18	4 52	2 20	23 53	0 30	24 24	1 0	8 21	1 1	10 27	1 21	10 39	2 3	23 11	0 6	21 9	1 24	18 22	15 22	12 38	12 11	14 57	10 41	7 2
M19	21 28	9 0	1 11	23 39	0 15	24 29	1 2	8 37	1 1	10 25	1 21	10 38	2 3	23 11	0 6	21 9	1 24	18 22	15 22	12 39	12 10	14 56	10 40	7 3
T 20	21 38	12 37	0 1	23 24	0 0	24 33	1 4	8 54	1 0	10 24	1 21	10 37	2 2	23 11	0 6	21 9	1 24	18 22	15 22	12 39	12 9	14 54	10 40	7 3
W21	21 47	15 35	1n 9	23 9	0s15	24 36	1 6	9 11	1 0	10 22	1 21	10 36	2 2	23 11	0 6	21 10	1 24	18 22	15 23	12 39	12 8	14 53	10 40	7 4
T 22	21 56	17 45	2 14	22 52	0 31	24 38	1 8	9 27	1 0	10 21	1 20	10 35	2 2	23 10	0 6	21 10	1 24	18 22	15 23	12 38	12 7	14 51	10 40	7 4
F 23	22 4	19 1	3 12	22 36	0 48	24 39	1 10	9 44	0 59	10 20	1 20	10 34	2 2	23 10	0 6	21 10	1 24	18 22	15 24	12 36	12 6	14 50	10 40	7 4
S 24	22 12	19 21	3 59	22 18	1 5	24 40	1 12	10 0	0 59	10 18	1 20	10 33	2 2	23 10	0 6	21 10	1 24	18 23	15 24	12 34	12 4	14 49	10 40	7 5
S 25	22 20	18 47	4 35	22 1	1 22	24 40	1 14	10 16	0 58	10 17	1 20	10 32	2 2	23 10	0 6	21 11	1 24	18 23	15 24	12 32	12 3	14 47	10 40	7 5
M26	22 27	17 23	4 58	21 43	1 39	24 40	1 16	10 32	0 58	10 16	1 19	10 31	2 1	23 10	0 6	21 11	1 24	18 23	15 25	12 30	12 2	14 46	10 39	7 6
T 27	22 34	15 14	5 9	21 25	1 56	24 38	1 17	10 48	0 57	10 15	1 19	10 30	2 1	23 10	0 6	21 11	1 24	18 23	15 25	12 27	12 1	14 44	10 39	7 6
W28	22 41	12 28	5 5	21 7	2 13	24 36	1 19	11 4	0 57	10 14	1 19	10 28	2 1	23 9	0 6	21 12	1 24	18 23	15 25	12 25	12 0	14 43	10 39	7 6
T 29	22 47	9 11	4 49	20 49	2 29	24 33	1 21	11 20	0 56	10 13	1 19	10 27	2 1	23 9	0 6	21 12	1 24	18 24	15 26	12 24	11 59	14 41	10 39	7 7
F 30	22 52	5 31	4 20	20 31	2 45	24 30	1 22	11 35	0 56	10 12	1 18	10 26	2 1	23 9	0 6	21 12	1 24	18 24	15 26	12 23	11 58	14 40	10 39	7 7
S 31	22n58	1s36	3n39	20n14	3s 1	24n25	1n24	11n51	0s55	10s11	1n18	10n25	2n 1	23s 9	0s 6	21n12	1s24	18s24	15s27	12s23	11s57	14s38	10s39	7n 8

Julian Day Number = 2293524.5, Delta T = 143.78 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'09, Lahiri = 17°49'10 Julian Calendar 1 May 1567 == Greg. Calendar 11 May 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

JUNE 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 14 9	19♊ 5'05	29♓47	21°R14	12♋18	4♉14	29°R41	8♍10	19°R 3	14♊31	19♓17	2♏32	1♏13	2♒35	10°R56	S 1
M 2	17 18 5	20° 2'21	12♈23	20♊40	13°31	4°58	29♎38	8°13	19♐ 1	14°33	19°17	2°33	1°10	2°42	10♒55	M 2
T 3	17 22 2	20°59'37	25°22	20° 6	14°44	5°42	29°35	8°16	18°59	14°35	19°17	2°34	1° 7	2°48	10°53	T 3
W 4	17 25 58	21°56'52	8♉46	19°32	15°56	6°26	29°33	8°20	18°56	14°37	19°17	2°R34	1° 4	2°55	10°51	W 4
T 5	17 29 55	22°54'07	22°38	18°59	17° 9	7°10	29°31	8°23	18°54	14°40	19°18	2°33	1° 1	3° 2	10°49	T 5
F 6	17 33 52	23°51'22	6♊56	18°28	18°22	7°53	29°29	8°27	18°51	14°42	19°18	2°29	0°58	3° 9	10°48	F 6
S 7	17 37 48	24°48'37	21°36	18° 0	19°35	8°37	29°27	8°30	18°49	14°44	19°18	2°23	0°54	3°15	10°46	S 7
S 8	17 41 45	25°45'51	6♋32	17°34	20°48	9°20	29°25	8°34	18°46	14°46	19°18	2°16	0°51	3°22	10°44	S 8
M 9	17 45 41	26°43'05	21°34	17°11	22° 0	10° 4	29°23	8°38	18°44	14°49	19°18	2° 7	0°48	3°29	10°42	M 9
T 10	17 49 38	27°40'19	6♌34	16°51	23°13	10°47	29°22	8°42	18°41	14°51	19°R18	2° 0	0°45	3°35	10°40	T 10
W11	17 53 34	28°37'32	21°22	16°36	24°26	11°30	29°21	8°46	18°39	14°53	19°18	1°53	0°42	3°42	10°38	W11
T 12	17 57 31	29°34'44	5♍51	16°24	25°38	12°14	29°20	8°50	18°37	14°55	19°18	1°49	0°39	3°49	10°35	T 12
F 13	18 1 27	0♋31'56	20° 0	16°17	26°51	12°57	29°19	8°54	18°34	14°57	19°18	1°47	0°35	3°56	10°33	F 13
S 14	18 5 24	1°29'08	3♎45	16°D14	28° 3	13°40	29°18	8°58	18°32	14°59	19°18	1°D46	0°32	4° 2	10°31	S 14
S 15	18 9 21	2°26'19	17° 9	16°17	29°16	14°23	29°18	9° 3	18°30	15° 2	19°18	1°47	0°29	4° 9	10°29	S 15
M16	18 13 17	3°23'29	0♏14	16°24	0♌28	15° 6	29°18	9° 7	18°27	15° 4	19°18	1°R47	0°26	4°16	10°26	M16
T 17	18 17 14	4°20'40	13° 3	16°36	1°41	15°49	29°D17	9°11	18°25	15° 6	19°17	1°47	0°23	4°23	10°24	T 17
W18	18 21 10	5°17'50	25°38	16°53	2°53	16°31	29°17	9°16	18°23	15° 8	19°17	1°44	0°19	4°29	10°21	W18
T 19	18 25 7	6°15'00	8♐ 1	17°15	4° 6	17°14	29°18	9°21	18°20	15°10	19°17	1°39	0°16	4°36	10°19	T 19
F 20	18 29 3	7°12'09	20°16	17°42	5°18	17°57	29°18	9°25	18°18	15°12	19°17	1°32	0°13	4°43	10°16	F 20
S 21	18 33 0	8° 9'19	2♑24	18°13	6°30	18°39	29°19	9°30	18°16	15°14	19°17	1°22	0°10	4°49	10°14	S 21
S 22	18 36 56	9° 6'29	14°26	18°50	7°43	19°22	29°20	9°35	18°13	15°17	19°16	1°10	0° 7	4°56	10°11	S 22
M23	18 40 53	10° 3'39	26°22	19°32	8°55	20° 4	29°21	9°40	18°11	15°19	19°16	0°58	0° 4	5° 3	10° 8	M23
T 24	18 44 50	11° 0'50	8♒16	20°19	10° 7	20°47	29°22	9°45	18° 9	15°21	19°16	0°46	0° 0	5°10	10° 6	T 24
W25	18 48 46	11°58'00	20° 8	21°10	11°19	21°29	29°23	9°50	18° 7	15°23	19°15	0°35	29♎57	5°16	10° 3	W25
T 26	18 52 43	12°55'11	2♓ 0	22° 6	12°31	22°11	29°24	9°55	18° 5	15°25	19°15	0°26	29°54	5°23	10° 0	T 26
F 27	18 56 39	13°52'22	13°56	23° 7	13°44	22°53	29°26	10° 0	18° 3	15°27	19°15	0°20	29°51	5°30	9°57	F 27
S 28	19 0 36	14°49'34	26° 1	24°13	14°56	23°35	29°28	10° 5	18° 0	15°29	19°14	0°16	29°48	5°37	9°54	S 28
S 29	19 4 32	15°46'46	8♈17	25°23	16° 8	24°17	29°30	10°11	17°58	15°31	19°14	0°15	29°45	5°43	9°52	S 29
M30	19 8 29	16♋44'00	20♈50	26♊38	17♌20	24♉59	29♎32	10♍16	17♐56	15♊33	19♓13	0°D15	29♎41	5♒50	9♒49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 3	2n28	2n48	19n57	3s15	24n20	1n25	12n 6	0s55	10s10	1n18	10n23	2n 1	23s 9	0s 6	21n13	1s24	18s24	15s27	12s23	11s56	14s37	10s39	7n 8
M 2	23 7	6 33	1 47	19 42	3 29	24 15	1 27	12 21	0 54	10 9	1 18	10 22	2 0	23 8	0 6	21 13	1 24	18 25	15 27	12 23	11 54	14 35	10 40	7 8
T 3	23 11	10 26	0 39	19 27	3 41	24 8	1 28	12 36	0 54	10 9	1 17	10 21	2 0	23 8	0 6	21 13	1 24	18 25	15 28	12 24	11 53	14 34	10 40	7 9
W 4	23 15	13 56	0s33	19 13	3 52	24 1	1 30	12 51	0 53	10 8	1 17	10 19	2 0	23 8	0 6	21 13	1 24	18 25	15 28	12 24	11 52	14 32	10 40	7 9
T 5	23 18	16 46	1 46	19 1	4 2	23 54	1 31	13 6	0 53	10 8	1 17	10 18	2 0	23 8	0 6	21 14	1 24	18 25	15 28	12 23	11 51	14 31	10 40	7 9
F 6	23 21	18 40	2 54	18 49	4 11	23 45	1 32	13 21	0 52	10 7	1 17	10 16	2 0	23 8	0 6	21 14	1 24	18 26	15 29	12 22	11 50	14 30	10 40	7 10
S 7	23 23	19 22	3 52	18 40	4 18	23 36	1 33	13 35	0 52	10 7	1 16	10 15	2 0	23 7	0 6	21 14	1 24	18 26	15 29	12 20	11 49	14 28	10 40	7 10
S 8	23 25	18 45	4 36	18 32	4 24	23 26	1 34	13 50	0 51	10 6	1 16	10 13	1 59	23 7	0 6	21 14	1 24	18 26	15 30	12 17	11 48	14 27	10 40	7 10
M 9	23 27	16 49	5 0	18 25	4 28	23 15	1 35	14 4	0 51	10 6	1 16	10 12	1 59	23 7	0 6	21 15	1 24	18 27	15 30	12 14	11 47	14 25	10 41	7 11
T 10	23 28	13 45	5 5	18 21	4 31	23 4	1 36	14 18	0 50	10 6	1 16	10 10	1 59	23 7	0 6	21 15	1 24	18 27	15 30	12 12	11 46	14 24	10 41	7 11
W11	23 29	9 52	4 48	18 18	4 33	22 52	1 37	14 32	0 49	10 6	1 15	10 8	1 59	23 7	0 6	21 15	1 24	18 27	15 31	12 9	11 44	14 22	10 41	7 11
T 12	23 30	5 27	4 14	18 17	4 33	22 40	1 38	14 46	0 49	10 5	1 15	10 7	1 59	23 6	0 6	21 15	1 24	18 28	15 31	12 8	11 43	14 21	10 41	7 12
F 13	23 30	0 51	3 24	18 17	4 31	22 27	1 39	15 0	0 48	10 5	1 15	10 5	1 59	23 6	0 6	21 16	1 24	18 28	15 31	12 7	11 42	14 19	10 42	7 12
S 14	23 29	3s42	2 24	18 19	4 29	22 13	1 39	15 13	0 48	10 5	1 14	10 3	1 59	23 6	0 6	21 16	1 24	18 28	15 32	12 7	11 41	14 18	10 42	7 12
S 15	23 28	7 57	1 17	18 23	4 25	21 59	1 40	15 26	0 47	10 6	1 14	10 2	1 59	23 6	0 6	21 16	1 24	18 29	15 32	12 7	11 40	14 16	10 42	7 13
M16	23 27	11 43	0 8	18 29	4 20	21 44	1 40	15 40	0 46	10 6	1 14	10 0	1 58	23 6	0 6	21 16	1 24	18 29	15 32	12 7	11 39	14 15	10 43	7 13
T 17	23 25	14 50	1n 0	18 36	4 14	21 28	1 41	15 53	0 46	10 6	1 14	9 58	1 58	23 5	0 6	21 16	1 24	18 30	15 33	12 7	11 38	14 13	10 43	7 13
W18	23 23	17 13	2 3	18 45	4 7	21 12	1 41	16 6	0 45	10 6	1 13	9 56	1 58	23 5	0 6	21 17	1 24	18 30	15 33	12 6	11 37	14 12	10 43	7 13
T 19	23 21	18 44	3 0	18 55	3 59	20 55	1 42	16 18	0 45	10 7	1 13	9 54	1 58	23 5	0 6	21 17	1 24	18 30	15 34	12 5	11 36	14 10	10 44	7 14
F 20	23 18	19 21	3 48	19 6	3 50	20 38	1 42	16 31	0 44	10 7	1 13	9 52	1 58	23 5	0 6	21 17	1 24	18 31	15 34	12 2	11 34	14 9	10 44	7 14
S 21	23 14	19 4	4 25	19 18	3 41	20 20	1 42	16 43	0 43	10 7	1 12	9 51	1 58	23 5	0 6	21 17	1 24	18 31	15 34	11 58	11 33	14 7	10 45	7 14
S 22	23 11	17 55	4 49	19 32	3 31	20 2	1 42	16 55	0 43	10 8	1 12	9 49	1 58	23 5	0 6	21 18	1 24	18 32	15 35	11 54	11 32	14 6	10 45	7 14
M23	23 7	16 0	5 1	19 46	3 20	19 43	1 42	17 7	0 42	10 9	1 12	9 47	1 58	23 4	0 6	21 18	1 24	18 32	15 35	11 50	11 31	14 4	10 45	7 15
T 24	23 2	13 25	4 59	20 1	3 8	19 23	1 42	17 19	0 41	10 9	1 12	9 45	1 57	23 4	0 6	21 18	1 24	18 33	15 35	11 46	11 30	14 3	10 46	7 15
W25	22 57	10 18	4 45	20 16	2 56	19 3	1 42	17 31	0 41	10 10	1 11	9 43	1 57	23 4	0 6	21 18	1 24	18 33	15 36	11 42	11 29	14 1	10 46	7 15
T 26	22 52	6 46	4 18	20 32	2 44	18 43	1 42	17 43	0 40	10 11	1 11	9 41	1 57	23 4	0 6	21 18	1 24	18 33	15 36	11 39	11 28	14 0	10 47	7 15
F 27	22 46	2 57	3 39	20 48	2 31	18 21	1 41	17 54	0 39	10 12	1 11	9 38	1 57	23 4	0 6	21 19	1 24	18 34	15 36	11 37	11 27	13 58	10 47	7 16
S 28	22 40	1n 1	2 51	21 4	2 18	18 0	1 41	18 5	0 39	10 13	1 11	9 36	1 57	23 3	0 6	21 19	1 24	18 34	15 37	11 36	11 25	13 57	10 48	7 16
S 29	22 33	5 2	1 54	21 20	2 5	17 38	1 40	18 16	0 38	10 13	1 10	9 34	1 57	23 3	0 6	21 19	1 24	18 35	15 37	11 35	11 24	13 55	10 49	7 16
M30	22n27	8n55	0n50	21n36	1s51	17n16	1n40	18n27	0s37	10s14	1n10	9n32	1n57	23s 3	0s 6	21n19	1s24	18s35	15s37	11s35	11s23	13s54	10s49	7n16

Julian Day Number = 2293555.5, Delta T = 143.61 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'14, Lahiri = 17°49'14 Julian Calendar 1 June 1567 == Greg. Calendar 11 June 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

JULY 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 12 25	17♋41'13	3♉45	27♊57	18♌32	25♉41	29♎35	10♍22	17°R54	15♊35	19°R13	0°R15	29♎38	5♒57	9°R46	T 1
W 2	19 16 22	18°38'28	17° 5	29°20	19°44	26°23	29°37	10°27	17♐52	15°37	19♓12	0♏14	29°35	6° 3	9♒43	W 2
T 3	19 20 19	19°35'43	0♊54	0♋48	20°56	27° 4	29°40	10°33	17°50	15°39	19°12	0°11	29°32	6°10	9°40	T 3
F 4	19 24 15	20°32'59	15°13	2°19	22° 7	27°46	29°43	10°38	17°48	15°41	19°11	0° 6	29°29	6°17	9°37	F 4
S 5	19 28 12	21°30'16	29°58	3°55	23°19	28°27	29°46	10°44	17°47	15°42	19°11	29♎58	29°25	6°24	9°34	S 5
S 6	19 32 8	22°27'33	15♋ 3	5°35	24°31	29° 9	29°49	10°50	17°45	15°44	19°10	29°49	29°22	6°30	9°31	S 6
M 7	19 36 5	23°24'51	0♌20	7°18	25°43	29°50	29°52	10°56	17°43	15°46	19°10	29°38	29°19	6°37	9°27	M 7
T 8	19 40 1	24°22'09	15°35	9° 5	26°55	0♊31	29°56	11° 1	17°41	15°48	19° 9	29°27	29°16	6°44	9°24	T 8
W 9	19 43 58	25°19'28	0♍40	10°54	28° 6	1°13	29°59	11° 7	17°39	15°50	19° 9	29°19	29°13	6°50	9°21	W 9
T 10	19 47 55	26°16'48	15°24	12°47	29°18	1°54	0♏ 4	11°13	17°37	15°52	19° 8	29°12	29°10	6°57	9°18	T 10
F 11	19 51 51	27°14'08	29°43	14°43	0♍30	2°35	0° 8	11°19	17°36	15°53	19° 7	29° 8	29° 6	7° 4	9°15	F 11
S 12	19 55 48	28°11'28	13♎34	16°41	1°41	3°16	0°12	11°26	17°34	15°55	19° 7	29° 6	29° 3	7°11	9°12	S 12
S 13	19 59 44	29° 8'49	26°59	18°41	2°53	3°56	0°16	11°32	17°32	15°57	19° 6	29° 6	29° 0	7°17	9° 8	S 13
M14	20 3 41	0♌ 6'10	10♏ 1	20°43	4° 4	4°37	0°21	11°38	17°31	15°59	19° 5	29° 6	28°57	7°24	9° 5	M14
T 15	20 7 37	1° 3'32	22°42	22°46	5°16	5°18	0°26	11°44	17°29	16° 0	19° 5	29° 5	28°54	7°31	9° 2	T 15
W16	20 11 34	2° 0'54	5♐ 8	24°50	6°27	5°58	0°30	11°50	17°28	16° 2	19° 4	29° 2	28°51	7°38	8°59	W16
T 17	20 15 30	2°58'17	17°22	26°55	7°38	6°39	0°35	11°57	17°26	16° 4	19° 3	28°56	28°47	7°44	8°55	T 17
F 18	20 19 27	3°55'41	29°27	29° 0	8°49	7°19	0°41	12° 3	17°25	16° 5	19° 2	28°47	28°44	7°51	8°52	F 18
S 19	20 23 24	4°53'06	11♑27	1♌ 5	10° 1	7°59	0°46	12°10	17°24	16° 7	19° 1	28°36	28°41	7°58	8°49	S 19
S 20	20 27 20	5°50'31	23°22	3°11	11°12	8°40	0°51	12°16	17°22	16° 9	19° 1	28°23	28°38	8° 4	8°46	S 20
M21	20 31 17	6°47'58	5♒15	5°15	12°23	9°20	0°57	12°23	17°21	16°10	19° 0	28°10	28°35	8°11	8°42	M21
T 22	20 35 13	7°45'25	17° 8	7°19	13°34	10° 0	1° 3	12°29	17°20	16°12	18°59	27°56	28°31	8°18	8°39	T 22
W23	20 39 10	8°42'54	29° 1	9°23	14°45	10°40	1° 9	12°36	17°18	16°13	18°58	27°44	28°28	8°25	8°36	W23
T 24	20 43 6	9°40'23	10♓56	11°25	15°56	11°19	1°15	12°43	17°17	16°15	18°57	27°35	28°25	8°31	8°32	T 24
F 25	20 47 3	10°37'54	22°56	13°27	17° 7	11°59	1°21	12°49	17°16	16°16	18°56	27°27	28°22	8°38	8°29	F 25
S 26	20 50 59	11°35'26	5♈ 4	15°27	18°17	12°39	1°27	12°56	17°15	16°18	18°55	27°23	28°19	8°45	8°26	S 26
S 27	20 54 56	12°33'00	17°22	17°26	19°28	13°18	1°34	13° 3	17°14	16°19	18°54	27°21	28°16	8°51	8°23	S 27
M28	20 58 52	13°30'35	29°55	19°23	20°39	13°58	1°40	13°10	17°13	16°21	18°53	27°D21	28°12	8°58	8°19	M28
T 29	21 2 49	14°28'12	12♉47	21°20	21°50	14°37	1°47	13°17	17°12	16°22	18°53	27°R21	28° 9	9° 5	8°16	T 29
W30	21 6 46	15°25'50	26° 3	23°15	23° 0	15°16	1°54	13°23	17°11	16°23	18°52	27°21	28° 6	9°12	8°13	W30
T 31	21 10 42	16♌23'30	9♊45	25♌ 8	24♍11	15♊55	2♏ 1	13♍30	17♐10	16♊25	18♓51	27♎19	28♎ 3	9♒18	8♒10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n19	12n30	0s19	21n51	1s38	16n53	1n39	18n38	0s37	10s16	1n10	9n30	1n57	23s 3	0s 6	21n19	1s24	18s36	15s38	11s35	11s22	13s52	10s50	7n16
W 2	22 12	15 34	1 28	22 5	1 24	16 29	1 38	18 48	0 36	10 17	1 9	9 28	1 57	23 3	0 6	21 20	1 24	18 36	15 38	11 35	11 21	13 51	10 50	7 16
T 3	22 3	17 52	2 35	22 19	1 10	16 6	1 38	18 59	0 35	10 18	1 9	9 26	1 56	23 3	0 6	21 20	1 24	18 37	15 38	11 34	11 20	13 49	10 51	7 17
F 4	21 55	19 8	3 34	22 31	0 57	15 41	1 37	19 9	0 34	10 19	1 9	9 23	1 56	23 2	0 6	21 20	1 24	18 37	15 39	11 32	11 19	13 48	10 52	7 17
S 5	21 46	19 9	4 21	22 43	0 44	15 17	1 36	19 19	0 34	10 21	1 9	9 21	1 56	23 2	0 6	21 20	1 24	18 38	15 39	11 29	11 18	13 46	10 52	7 17
S 6	21 37	17 49	4 51	22 52	0 30	14 52	1 35	19 29	0 33	10 22	1 8	9 19	1 56	23 2	0 6	21 20	1 24	18 38	15 39	11 26	11 17	13 44	10 53	7 17
M 7	21 27	15 14	5 1	23 0	0 18	14 27	1 34	19 38	0 32	10 23	1 8	9 16	1 56	23 2	0 6	21 20	1 24	18 39	15 40	11 22	11 15	13 43	10 54	7 17
T 8	21 18	11 36	4 49	23 6	0 5	14 1	1 32	19 48	0 31	10 25	1 8	9 14	1 56	23 2	0 6	21 21	1 24	18 39	15 40	11 18	11 14	13 41	10 54	7 17
W 9	21 7	7 15	4 17	23 10	0n 7	13 35	1 31	19 57	0 31	10 26	1 8	9 12	1 56	23 2	0 6	21 21	1 24	18 40	15 40	11 15	11 13	13 40	10 55	7 17
T 10	20 57	2 33	3 29	23 11	0 19	13 9	1 30	20 6	0 30	10 28	1 7	9 9	1 56	23 1	0 6	21 21	1 24	18 41	15 41	11 13	11 12	13 38	10 56	7 17
F 11	20 46	2s 9	2 29	23 10	0 30	12 42	1 28	20 15	0 29	10 30	1 7	9 7	1 56	23 1	0 6	21 21	1 24	18 41	15 41	11 11	11 11	13 37	10 56	7 18
S 12	20 34	6 37	1 21	23 7	0 40	12 15	1 27	20 24	0 28	10 31	1 7	9 5	1 56	23 1	0 6	21 21	1 24	18 42	15 41	11 11	11 10	13 35	10 57	7 18
S 13	20 22	10 36	0 11	23 1	0 50	11 48	1 25	20 32	0 28	10 33	1 7	9 2	1 56	23 1	0 6	21 21	1 24	18 42	15 42	11 11	11 9	13 34	10 58	7 18
M14	20 10	13 57	0n57	22 52	0 59	11 20	1 23	20 40	0 27	10 35	1 6	9 0	1 56	23 1	0 7	21 22	1 24	18 43	15 42	11 11	11 7	13 32	10 59	7 18
T 15	19 58	16 32	2 1	22 40	1 7	10 52	1 22	20 48	0 26	10 37	1 6	8 57	1 55	23 1	0 7	21 22	1 24	18 43	15 42	11 10	11 6	13 31	11 0	7 18
W16	19 45	18 17	2 58	22 26	1 15	10 24	1 20	20 56	0 25	10 39	1 6	8 55	1 55	23 1	0 7	21 22	1 24	18 44	15 43	11 9	11 5	13 29	11 0	7 18
T 17	19 32	19 9	3 45	22 9	1 21	9 56	1 18	21 4	0 24	10 41	1 6	8 52	1 55	23 0	0 7	21 22	1 24	18 44	15 43	11 7	11 4	13 28	11 1	7 18
F 18	19 19	19 7	4 22	21 50	1 27	9 27	1 16	21 12	0 24	10 43	1 5	8 50	1 55	23 0	0 7	21 22	1 24	18 45	15 43	11 4	11 3	13 26	11 2	7 18
S 19	19 5	18 14	4 47	21 28	1 32	8 58	1 14	21 19	0 23	10 45	1 5	8 47	1 55	23 0	0 7	21 22	1 24	18 46	15 43	11 0	11 2	13 24	11 3	7 18
S 20	18 51	16 33	4 59	21 3	1 36	8 29	1 11	21 26	0 22	10 47	1 5	8 45	1 55	23 0	0 7	21 22	1 24	18 46	15 44	10 56	11 1	13 23	11 4	7 18
M21	18 37	14 11	4 58	20 37	1 40	8 0	1 9	21 33	0 21	10 49	1 5	8 42	1 55	23 0	0 7	21 23	1 24	18 47	15 44	10 51	11 0	13 21	11 4	7 18
T 22	18 22	11 14	4 44	20 8	1 43	7 30	1 7	21 40	0 20	10 52	1 4	8 40	1 55	23 0	0 7	21 23	1 24	18 47	15 44	10 46	10 58	13 20	11 5	7 18
W23	18 7	7 49	4 17	19 38	1 45	7 1	1 4	21 47	0 19	10 54	1 4	8 37	1 55	23 0	0 7	21 23	1 24	18 48	15 44	10 42	10 57	13 18	11 6	7 18
T 24	17 52	4 6	3 39	19 5	1 46	6 31	1 2	21 53	0 18	10 56	1 4	8 34	1 55	23 0	0 7	21 23	1 24	18 48	15 45	10 38	10 56	13 17	11 7	7 18
F 25	17 37	0 11	2 51	18 31	1 46	6 1	0 59	21 59	0 18	10 59	1 4	8 32	1 55	22 59	0 7	21 23	1 24	18 49	15 45	10 35	10 55	13 15	11 8	7 18
S 26	17 21	3n47	1 55	17 56	1 46	5 31	0 57	22 5	0 17	11 1	1 3	8 29	1 55	22 59	0 7	21 23	1 24	18 50	15 45	10 34	10 54	13 14	11 9	7 18
S 27	17 5	7 39	0 53	17 19	1 45	5 0	0 54	22 11	0 16	11 3	1 3	8 26	1 55	22 59	0 7	21 23	1 24	18 50	15 45	10 33	10 53	13 12	11 10	7 18
M28	16 48	11 15	0s14	16 41	1 44	4 30	0 51	22 17	0 15	11 6	1 3	8 24	1 55	22 59	0 7	21 23	1 24	18 51	15 46	10 33	10 52	13 10	11 11	7 18
T 29	16 32	14 25	1 21	16 2	1 42	3 59	0 48	22 22	0 14	11 8	1 3	8 21	1 55	22 59	0 7	21 24	1 24	18 51	15 46	10 33	10 50	13 9	11 11	7 17
W30	16 15	16 56	2 26	15 22	1 39	3 29	0 45	22 28	0 13	11 11	1 2	8 18	1 55	22 59	0 7	21 24	1 24	18 52	15 46	10 33	10 49	13 7	11 12	7 17
T 31	15n58	18n35	3s25	14n41	1n36	2n58	0n42	22n33	0s12	11s14	1n 2	8n16	1n55	22s59	0s 7	21n24	1s25	18s53	15s46	10s32	10s48	13s 6	11s13	7n17

Julian Day Number = 2293585.5, Delta T = 143.45 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'18, Lahiri = 17°49'18 Julian Calendar 1 July 1567 == Greg. Calendar 11 July 1567

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1567
geocentric

AUGUST 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 14 39	17♌21'11	23♊55	27♌ 0	25♍21	16♊35	2♏ 8	13♍37	17°R 9	16♊26	18°R50	27°R14	28♎ 0	9♒25	8°R 6	F 1
S 2	21 18 35	18°18'54	8♋32	28°51	26°32	17°13	2°15	13°44	17♐ 8	16°27	18♓49	27♎ 8	27°56	9°32	8♒ 3	S 2
S 3	21 22 32	19°16'38	23°32	0♍40	27°42	17°52	2°23	13°51	17° 8	16°28	18°48	26°59	27°53	9°39	8° 0	S 3
M 4	21 26 28	20°14'24	8♌45	2°28	28°52	18°31	2°30	13°58	17° 7	16°30	18°47	26°50	27°50	9°45	7°57	M 4
T 5	21 30 25	21°12'12	24° 3	4°14	0♎ 2	19°10	2°38	14° 6	17° 6	16°31	18°45	26°40	27°47	9°52	7°54	T 5
W 6	21 34 21	22°10'01	9♍13	5°59	1°13	19°48	2°46	14°13	17° 6	16°32	18°44	26°32	27°44	9°59	7°51	W 6
T 7	21 38 18	23° 7'51	24° 5	7°43	2°23	20°27	2°54	14°20	17° 5	16°33	18°43	26°26	27°41	10° 5	7°47	T 7
F 8	21 42 15	24° 5'42	8♎33	9°25	3°33	21° 5	3° 2	14°27	17° 5	16°34	18°42	26°23	27°37	10°12	7°44	F 8
S 9	21 46 11	25° 3'35	22°33	11° 6	4°43	21°43	3°10	14°34	17° 4	16°35	18°41	26°D21	27°34	10°19	7°41	S 9
S 10	21 50 8	26° 1'29	6♏ 4	12°46	5°52	22°21	3°18	14°41	17° 4	16°36	18°40	26°21	27°31	10°26	7°38	S 10
M11	21 54 4	26°59'24	19° 9	14°24	7° 2	22°59	3°27	14°49	17° 4	16°37	18°39	26°22	27°28	10°32	7°35	M11
T 12	21 58 1	27°57'21	1♐52	16° 1	8°12	23°37	3°35	14°56	17° 3	16°38	18°38	26°R22	27°25	10°39	7°32	T 12
W13	22 1 57	28°55'19	14°16	17°36	9°21	24°15	3°44	15° 3	17° 3	16°39	18°37	26°21	27°22	10°46	7°29	W13
T 14	22 5 54	29°53'18	26°26	19°10	10°31	24°52	3°53	15°11	17° 3	16°40	18°36	26°18	27°18	10°52	7°26	T 14
F 15	22 9 50	0♍51'19	8♑27	20°43	11°40	25°30	4° 2	15°18	17° 3	16°41	18°34	26°12	27°15	10°59	7°23	F 15
S 16	22 13 47	1°49'21	20°22	22°15	12°50	26° 7	4°11	15°25	17° 3	16°42	18°33	26° 4	27°12	11° 6	7°21	S 16
S 17	22 17 44	2°47'25	2♒15	23°45	13°59	26°44	4°20	15°33	17°D 3	16°43	18°32	25°55	27° 9	11°13	7°18	S 17
M18	22 21 40	3°45'30	14° 7	25°14	15° 8	27°21	4°29	15°40	17° 3	16°44	18°31	25°45	27° 6	11°19	7°15	M18
T 19	22 25 37	4°43'37	26° 1	26°42	16°17	27°58	4°38	15°47	17° 3	16°44	18°30	25°35	27° 2	11°26	7°12	T 19
W20	22 29 33	5°41'45	7♓59	28° 8	17°26	28°35	4°48	15°55	17° 3	16°45	18°29	25°26	26°59	11°33	7° 9	W20
T 21	22 33 30	6°39'55	20° 2	29°33	18°35	29°12	4°57	16° 2	17° 3	16°46	18°27	25°19	26°56	11°39	7° 7	T 21
F 22	22 37 26	7°38'07	2♈11	0♎57	19°44	29°49	5° 7	16°10	17° 3	16°46	18°26	25°15	26°53	11°46	7° 4	F 22
S 23	22 41 23	8°36'21	14°28	2°19	20°53	0♋25	5°17	16°17	17° 4	16°47	18°25	25°12	26°50	11°53	7° 1	S 23
S 24	22 45 19	9°34'37	26°56	3°40	22° 1	1° 1	5°26	16°25	17° 4	16°48	18°24	25°D11	26°47	12° 0	6°59	S 24
M25	22 49 16	10°32'55	9♉36	4°59	23°10	1°38	5°36	16°32	17° 4	16°48	18°23	25°12	26°43	12° 6	6°56	M25
T 26	22 53 13	11°31'15	22°33	6°17	24°18	2°14	5°46	16°39	17° 5	16°49	18°21	25°14	26°40	12°13	6°54	T 26
W27	22 57 9	12°29'37	5♊49	7°34	25°26	2°50	5°56	16°47	17° 5	16°49	18°20	25°15	26°37	12°20	6°51	W27
T 28	23 1 6	13°28'01	19°26	8°48	26°35	3°26	6° 7	16°54	17° 6	16°50	18°19	25°R15	26°34	12°27	6°49	T 28
F 29	23 5 2	14°26'28	3♋26	10° 1	27°43	4° 1	6°17	17° 2	17° 6	16°50	18°18	25°13	26°31	12°33	6°47	F 29
S 30	23 8 59	15°24'56	17°48	11°12	28°51	4°37	6°27	17° 9	17° 7	16°51	18°17	25°10	26°28	12°40	6°44	S 30
S 31	23 12 55	16♍23'27	2♌31	12♎22	29♎58	5♋12	6♏38	17♍17	17♐ 8	16♊51	18♓15	25♎ 5	26♎24	12♒47	6♒42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n40	19n 8	4s14	13n59	1n33	2n27	0n39	22n38	0s11	11s16	1n 2	8n13	1n55	22s59	0s 7	21n24	1s25	18s53	15s47	10s31	10s47	13s 4	11s14	7n17
S 2	15 22	18 26	4 47	13 17	1 29	1 56	0 36	22 42	0 10	11 19	1 2	8 10	1 54	22 59	0 7	21 24	1 25	18 54	15 47	10 28	10 46	13 3	11 15	7 17
S 3	15 4	16 28	5 2	12 35	1 25	1 25	0 33	22 47	0 10	11 22	1 1	8 7	1 54	22 59	0 7	21 24	1 25	18 54	15 47	10 25	10 45	13 1	11 16	7 17
M 4	14 46	13 21	4 56	11 52	1 20	0 54	0 30	22 51	0 9	11 25	1 1	8 5	1 54	22 59	0 7	21 24	1 25	18 55	15 47	10 22	10 44	12 59	11 17	7 17
T 5	14 28	9 18	4 29	11 8	1 15	0 23	0 26	22 55	0 8	11 28	1 1	8 2	1 54	22 59	0 7	21 24	1 25	18 55	15 47	10 18	10 43	12 58	11 18	7 17
W 6	14 9	4 41	3 43	10 24	1 9	0s 8	0 23	22 59	0 7	11 30	1 1	7 59	1 54	22 59	0 7	21 24	1 25	18 56	15 48	10 15	10 41	12 56	11 19	7 16
T 7	13 50	0s 8	2 43	9 40	1 3	0 39	0 20	23 3	0 6	11 33	1 1	7 56	1 54	22 58	0 7	21 24	1 25	18 57	15 48	10 13	10 40	12 55	11 20	7 16
F 8	13 31	4 50	1 34	8 56	0 57	1 10	0 16	23 7	0 5	11 36	1 0	7 54	1 54	22 58	0 7	21 24	1 25	18 57	15 48	10 12	10 39	12 53	11 21	7 16
S 9	13 12	9 6	0 20	8 12	0 51	1 41	0 13	23 10	0 4	11 39	1 0	7 51	1 54	22 58	0 7	21 25	1 25	18 58	15 48	10 12	10 38	12 52	11 22	7 16
S 10	12 52	12 46	0n52	7 28	0 44	2 12	0 9	23 13	0 3	11 42	1 0	7 48	1 54	22 58	0 7	21 25	1 25	18 58	15 48	10 12	10 37	12 50	11 23	7 16
M11	12 33	15 39	1 59	6 44	0 37	2 43	0 5	23 16	0 2	11 45	1 0	7 45	1 54	22 58	0 7	21 25	1 25	18 59	15 48	10 12	10 36	12 48	11 23	7 15
T 12	12 13	17 40	2 58	6 0	0 30	3 14	0 2	23 19	0 1	11 48	1 0	7 42	1 54	22 58	0 7	21 25	1 25	19 0	15 49	10 12	10 35	12 47	11 24	7 15
W13	11 53	18 48	3 47	5 16	0 23	3 45	0s 2	23 22	0 0	11 52	0 59	7 39	1 54	22 58	0 7	21 25	1 25	19 0	15 49	10 11	10 33	12 45	11 25	7 15
T 14	11 32	19 1	4 25	4 32	0 15	4 16	0 6	23 25	0n 1	11 55	0 59	7 37	1 54	22 58	0 7	21 25	1 25	19 1	15 49	10 10	10 32	12 44	11 26	7 15
F 15	11 12	18 23	4 51	3 48	0 8	4 47	0 10	23 27	0 2	11 58	0 59	7 34	1 54	22 58	0 7	21 25	1 25	19 1	15 49	10 8	10 31	12 42	11 27	7 15
S 16	10 51	16 56	5 4	3 5	0s 0	5 17	0 14	23 29	0 3	12 1	0 59	7 31	1 54	22 58	0 7	21 25	1 25	19 2	15 49	10 5	10 30	12 40	11 28	7 14
S 17	10 30	14 46	5 4	2 22	0 8	5 48	0 18	23 31	0 4	12 4	0 59	7 28	1 54	22 58	0 7	21 25	1 25	19 3	15 49	10 2	10 29	12 39	11 29	7 14
M18	10 9	12 0	4 50	1 39	0 16	6 19	0 22	23 33	0 5	12 8	0 58	7 25	1 54	22 58	0 7	21 25	1 25	19 3	15 49	9 58	10 28	12 37	11 30	7 14
T 19	9 48	8 44	4 24	0 57	0 24	6 49	0 26	23 35	0 6	12 11	0 58	7 22	1 54	22 58	0 7	21 25	1 25	19 4	15 49	9 55	10 27	12 36	11 31	7 13
W20	9 27	5 6	3 46	0 15	0 32	7 19	0 30	23 36	0 7	12 14	0 58	7 19	1 54	22 58	0 7	21 25	1 25	19 4	15 50	9 52	10 25	12 34	11 32	7 13
T 21	9 5	1 14	2 58	0s27	0 41	7 49	0 34	23 38	0 8	12 18	0 58	7 17	1 54	22 58	0 7	21 25	1 25	19 5	15 50	9 49	10 24	12 32	11 33	7 13
F 22	8 43	2n43	2 1	1 8	0 49	8 19	0 38	23 39	0 9	12 21	0 58	7 14	1 54	22 58	0 7	21 25	1 25	19 5	15 50	9 47	10 23	12 31	11 34	7 13
S 23	8 22	6 36	0 58	1 48	0 57	8 49	0 42	23 40	0 10	12 25	0 57	7 11	1 54	22 58	0 7	21 25	1 25	19 6	15 50	9 46	10 22	12 29	11 35	7 12
S 24	8 0	10 15	0s 9	2 28	1 6	9 19	0 47	23 41	0 11	12 28	0 57	7 8	1 54	22 58	0 7	21 25	1 25	19 6	15 50	9 46	10 21	12 28	11 36	7 12
M25	7 38	13 30	1 17	3 7	1 14	9 48	0 51	23 41	0 12	12 31	0 57	7 5	1 54	22 58	0 7	21 25	1 25	19 7	15 50	9 46	10 20	12 26	11 37	7 12
T 26	7 16	16 9	2 23	3 46	1 23	10 18	0 55	23 42	0 14	12 35	0 57	7 2	1 54	22 59	0 7	21 25	1 26	19 8	15 50	9 47	10 18	12 24	11 38	7 11
W27	6 53	18 0	3 22	4 24	1 31	10 47	0 59	23 42	0 15	12 38	0 57	6 59	1 55	22 59	0 7	21 25	1 26	19 8	15 50	9 47	10 17	12 23	11 38	7 11
T 28	6 31	18 53	4 12	5 1	1 40	11 16	1 4	23 43	0 16	12 42	0 56	6 56	1 55	22 59	0 7	21 25	1 26	19 9	15 50	9 47	10 16	12 21	11 39	7 11
F 29	6 8	18 39	4 48	5 38	1 48	11 44	1 8	23 43	0 17	12 46	0 56	6 53	1 55	22 59	0 7	21 25	1 26	19 9	15 50	9 47	10 15	12 20	11 40	7 10
S 30	5 46	17 13	5 8	6 13	1 56	12 13	1 12	23 43	0 18	12 49	0 56	6 51	1 55	22 59	0 7	21 25	1 26	19 10	15 50	9 46	10 14	12 18	11 41	7 10
S 31	5n23	14n39	5s 8	6s48	2s 4	12s41	1s17	23n42	0n19	12s53	0n56	6n48	1n55	22s59	0s 7	21n25	1s26	19s10	15s50	9s44	10s13	12s16	11s42	7n10

Julian Day Number = 2293616.5, Delta T = 143.28 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'22, Lahiri = 17°49'22 Julian Calendar 1 Aug. 1567 == Greg. Calendar 11 Aug. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

SEPTEMBER 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 16 52	17♍22'00	17♌27	13♎29	1♏ 6	5♋48	6♏48	17♍24	17♐ 8	16♊51	18°R14	25°R 0	26♎21	12♒53	6°R40	M 1
T 2	23 20 48	18°20'35	2♍30	14°34	2°14	6°23	6°59	17°32	17° 9	16°52	18♓13	24♎54	26°18	13° 0	6♒38	T 2
W 3	23 24 45	19°19'12	17°29	15°37	3°21	6°58	7°10	17°39	17°10	16°52	18°12	24°50	26°15	13° 7	6°36	W 3
T 4	23 28 42	20°17'51	2♎16	16°38	4°28	7°32	7°21	17°47	17°11	16°52	18°10	24°46	26°12	13°14	6°34	T 4
F 5	23 32 38	21°16'32	16°44	17°36	5°36	8° 7	7°31	17°54	17°12	16°52	18° 9	24°45	26° 8	13°20	6°32	F 5
S 6	23 36 35	22°15'15	0♏47	18°31	6°43	8°42	7°42	18° 2	17°13	16°52	18° 8	24°D45	26° 5	13°27	6°30	S 6
S 7	23 40 31	23°14'00	14°24	19°24	7°50	9°16	7°53	18° 9	17°14	16°53	18° 7	24°46	26° 2	13°34	6°28	S 7
M 8	23 44 28	24°12'46	27°34	20°13	8°56	9°50	8° 5	18°17	17°15	16°53	18° 6	24°47	25°59	13°40	6°26	M 8
T 9	23 48 24	25°11'34	10♐21	20°59	10° 3	10°24	8°16	18°24	17°16	16°53	18° 4	24°49	25°56	13°47	6°24	T 9
W10	23 52 21	26°10'24	22°48	21°41	11°10	10°58	8°27	18°32	17°17	16°53	18° 3	24°R49	25°53	13°54	6°22	W10
T 11	23 56 17	27° 9'16	5♑ 0	22°19	12°16	11°32	8°38	18°39	17°18	16°R53	18° 2	24°49	25°49	14° 1	6°21	T 11
F 12	0 0 14	28° 8'09	17° 1	22°53	13°22	12° 5	8°50	18°47	17°20	16°53	18° 1	24°48	25°46	14° 7	6°19	F 12
S 13	0 4 10	29° 7'04	28°55	23°22	14°28	12°38	9° 1	18°54	17°21	16°53	18° 0	24°45	25°43	14°14	6°18	S 13
S 14	0 8 7	0♎ 6'01	10♒47	23°45	15°34	13°12	9°13	19° 1	17°22	16°53	17°58	24°42	25°40	14°21	6°16	S 14
M15	0 12 4	1° 5'00	22°41	24° 4	16°40	13°45	9°25	19° 9	17°24	16°52	17°57	24°38	25°37	14°27	6°15	M15
T 16	0 16 0	2° 4'01	4♓38	24°16	17°45	14°17	9°36	19°16	17°25	16°52	17°56	24°34	25°33	14°34	6°13	T 16
W17	0 19 57	3° 3'03	16°42	24°R22	18°50	14°50	9°48	19°24	17°27	16°52	17°55	24°30	25°30	14°41	6°12	W17
T 18	0 23 53	4° 2'08	28°55	24°21	19°55	15°22	10° 0	19°31	17°28	16°52	17°54	24°28	25°27	14°48	6°11	T 18
F 19	0 27 50	5° 1'15	11♈18	24°13	21° 0	15°55	10°12	19°38	17°30	16°52	17°53	24°26	25°24	14°54	6°10	F 19
S 20	0 31 46	6° 0'23	23°51	23°57	22° 5	16°27	10°24	19°46	17°32	16°51	17°51	24°D26	25°21	15° 1	6° 9	S 20
S 21	0 35 43	6°59'34	6♉36	23°33	23° 9	16°58	10°36	19°53	17°33	16°51	17°50	24°26	25°18	15° 8	6° 8	S 21
M22	0 39 39	7°58'47	19°34	23° 2	24°13	17°30	10°48	20° 0	17°35	16°51	17°49	24°27	25°14	15°14	6° 7	M22
T 23	0 43 36	8°58'03	2♊46	22°22	25°17	18° 2	11° 0	20° 7	17°37	16°50	17°48	24°28	25°11	15°21	6° 6	T 23
W24	0 47 33	9°57'20	16°12	21°34	26°21	18°33	11°12	20°15	17°39	16°50	17°47	24°29	25° 8	15°28	6° 5	W24
T 25	0 51 29	10°56'40	29°53	20°40	27°24	19° 4	11°24	20°22	17°41	16°49	17°46	24°30	25° 5	15°35	6° 4	T 25
F 26	0 55 26	11°56'03	13♋49	19°38	28°28	19°35	11°37	20°29	17°43	16°49	17°45	24°R30	25° 2	15°41	6° 3	F 26
S 27	0 59 22	12°55'28	28° 0	18°32	29°31	20° 5	11°49	20°36	17°45	16°48	17°44	24°30	24°59	15°48	6° 3	S 27
S 28	1 3 19	13°54'55	12♌23	17°22	0♐33	20°36	12° 1	20°43	17°47	16°48	17°43	24°29	24°55	15°55	6° 2	S 28
M29	1 7 15	14°54'24	26°55	16° 9	1°36	21° 6	12°14	20°50	17°49	16°47	17°41	24°28	24°52	16° 1	6° 2	M29
T 30	1 11 12	15♎53'56	11♍32	14♎56	2♐38	21♋36	12♏26	20♍57	17♐51	16♊46	17♓40	24♎27	24♎49	16♒ 8	6♒ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n 0	11n 5	4s47	7s22	2s12	13s 9	1s21	23n42	0n20	12s56	0n56	6n45	1n55	22s59	0s 7	21n25	1s26	19s11	15s50	9s42	10s12	12s15	11s43	7n 9
T 2	4 37	6 46	4 6	7 55	2 20	13 37	1 25	23 42	0 21	13 0	0 56	6 42	1 55	22 59	0 7	21 25	1 26	19 11	15 50	9 40	10 10	12 13	11 44	7 9
W 3	4 14	2 3	3 9	8 26	2 28	14 4	1 30	23 41	0 22	13 4	0 55	6 39	1 55	22 59	0 7	21 25	1 26	19 12	15 50	9 38	10 9	12 12	11 45	7 8
T 4	3 51	2s44	2 0	8 57	2 36	14 31	1 34	23 40	0 24	13 7	0 55	6 36	1 55	22 59	0 7	21 25	1 26	19 12	15 50	9 37	10 8	12 10	11 46	7 8
F 5	3 28	7 16	0 44	9 26	2 43	14 58	1 38	23 39	0 25	13 11	0 55	6 33	1 55	22 59	0 7	21 25	1 26	19 13	15 50	9 36	10 7	12 8	11 46	7 8
S 6	3 5	11 15	0n33	9 54	2 50	15 24	1 43	23 38	0 26	13 15	0 55	6 30	1 55	22 59	0 7	21 25	1 26	19 13	15 50	9 36	10 6	12 7	11 47	7 7
S 7	2 42	14 31	1 45	10 20	2 57	15 50	1 47	23 37	0 27	13 19	0 55	6 27	1 55	22 59	0 7	21 25	1 26	19 14	15 50	9 37	10 5	12 5	11 48	7 7
M 8	2 18	16 54	2 50	10 45	3 4	16 16	1 52	23 36	0 28	13 22	0 55	6 25	1 55	23 0	0 7	21 25	1 26	19 14	15 50	9 37	10 3	12 3	11 49	7 6
T 9	1 55	18 21	3 44	11 8	3 10	16 42	1 56	23 35	0 30	13 26	0 54	6 22	1 55	23 0	0 7	21 25	1 26	19 15	15 50	9 38	10 2	12 2	11 50	7 6
W10	1 31	18 52	4 26	11 29	3 15	17 7	2 0	23 33	0 31	13 30	0 54	6 19	1 55	23 0	0 7	21 25	1 26	19 15	15 50	9 38	10 1	12 0	11 51	7 6
T 11	1 8	18 29	4 55	11 48	3 21	17 32	2 5	23 31	0 32	13 34	0 54	6 16	1 55	23 0	0 7	21 25	1 26	19 15	15 50	9 38	10 0	11 59	11 51	7 5
F 12	0 45	17 16	5 11	12 5	3 25	17 56	2 9	23 30	0 33	13 37	0 54	6 13	1 55	23 0	0 7	21 25	1 26	19 16	15 50	9 37	9 59	11 57	11 52	7 5
S 13	0 21	15 19	5 13	12 20	3 29	18 20	2 13	23 28	0 35	13 41	0 54	6 10	1 55	23 0	0 7	21 25	1 26	19 16	15 50	9 36	9 58	11 55	11 53	7 4
S 14	0s 2	12 44	5 1	12 32	3 33	18 44	2 17	23 26	0 36	13 45	0 54	6 7	1 56	23 0	0 7	21 25	1 26	19 17	15 50	9 35	9 57	11 54	11 54	7 4
M15	0 26	9 37	4 37	12 41	3 35	19 7	2 22	23 24	0 37	13 49	0 54	6 5	1 56	23 0	0 7	21 25	1 26	19 17	15 50	9 34	9 55	11 52	11 55	7 3
T 16	0 49	6 6	4 1	12 47	3 37	19 30	2 26	23 22	0 38	13 53	0 53	6 2	1 56	23 1	0 7	21 25	1 26	19 18	15 50	9 32	9 54	11 50	11 55	7 3
W17	1 13	2 18	3 13	12 50	3 38	19 52	2 30	23 19	0 40	13 57	0 53	5 59	1 56	23 1	0 7	21 25	1 26	19 18	15 50	9 31	9 53	11 49	11 56	7 3
T 18	1 36	1n39	2 16	12 50	3 37	20 14	2 34	23 17	0 41	14 0	0 53	5 56	1 56	23 1	0 7	21 25	1 26	19 18	15 50	9 30	9 52	11 47	11 57	7 2
F 19	2 0	5 35	1 12	12 45	3 36	20 35	2 38	23 14	0 42	14 4	0 53	5 53	1 56	23 1	0 7	21 24	1 27	19 19	15 50	9 29	9 51	11 45	11 58	7 2
S 20	2 23	9 20	0 3	12 36	3 33	20 56	2 42	23 12	0 44	14 8	0 53	5 51	1 56	23 1	0 7	21 24	1 27	19 19	15 50	9 29	9 50	11 44	11 58	7 1
S 21	2 47	12 42	1s 7	12 23	3 28	21 17	2 46	23 9	0 45	14 12	0 53	5 48	1 56	23 1	0 7	21 24	1 27	19 19	15 50	9 29	9 48	11 42	11 59	7 1
M22	3 10	15 30	2 15	12 6	3 22	21 37	2 50	23 7	0 46	14 16	0 53	5 45	1 56	23 1	0 7	21 24	1 27	19 20	15 49	9 30	9 47	11 41	12 0	7 0
T 23	3 34	17 33	3 16	11 43	3 14	21 57	2 54	23 4	0 48	14 20	0 52	5 42	1 56	23 2	0 7	21 24	1 27	19 20	15 49	9 30	9 46	11 39	12 0	7 0
W24	3 57	18 39	4 9	11 17	3 4	22 16	2 58	23 1	0 49	14 24	0 52	5 40	1 57	23 2	0 7	21 24	1 27	19 20	15 49	9 31	9 45	11 37	12 1	6 59
T 25	4 20	18 42	4 48	10 45	2 53	22 34	3 2	22 58	0 50	14 28	0 52	5 37	1 57	23 2	0 7	21 24	1 27	19 21	15 49	9 31	9 44	11 36	12 2	6 59
F 26	4 44	17 37	5 11	10 9	2 39	22 53	3 6	22 55	0 52	14 32	0 52	5 34	1 57	23 2	0 7	21 24	1 27	19 21	15 49	9 31	9 43	11 34	12 2	6 58
S 27	5 7	15 27	5 16	9 30	2 24	23 10	3 9	22 52	0 53	14 35	0 52	5 31	1 57	23 2	0 7	21 24	1 27	19 21	15 49	9 31	9 41	11 32	12 3	6 58
S 28	5 30	12 18	5 1	8 47	2 7	23 27	3 13	22 49	0 55	14 39	0 52	5 29	1 57	23 3	0 7	21 24	1 27	19 22	15 49	9 31	9 40	11 31	12 3	6 57
M29	5 53	8 22	4 27	8 2	1 49	23 44	3 16	22 45	0 56	14 43	0 52	5 26	1 57	23 3	0 7	21 24	1 27	19 22	15 49	9 30	9 39	11 29	12 4	6 57
T 30	6s16	3n55	3s36	7s16	1s29	24s 0	3s20	22n42	0n57	14s47	0n52	5n23	1n57	23s 3	0s 7	21n24	1s27	19s22	15s48	9s30	9s38	11s27	12s 5	6n56

Julian Day Number = 2293647.5, Delta T = 143.12 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'26, Lahiri = 17°49'27 Julian Calendar 1 Sept. 1567 == Greg. Calendar 11 Sept. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

OCTOBER 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 15 8	16♎53'30	26♍ 7	13°R45	3♐40	22♋ 5	12♏39	21♍ 4	17♐53	16°R46	17°R39	24°R26	24♎46	16♒15	6°R 1	W 1
T 2	1 19 5	17°53'06	10♎34	12♎38	4°42	22°35	12°51	21°11	17°55	16♊45	17♓38	24♎26	24°43	16°22	6♒ 1	T 2
F 3	1 23 1	18°52'44	24°48	11°37	5°43	23° 4	13° 4	21°18	17°58	16°44	17°37	24°D25	24°39	16°28	6° 0	F 3
S 4	1 26 58	19°52'24	8♏43	10°44	6°44	23°33	13°17	21°25	18° 0	16°44	17°36	24°26	24°36	16°35	6° 0	S 4
S 5	1 30 55	20°52'07	22°17	10° 0	7°44	24° 2	13°29	21°32	18° 2	16°43	17°35	24°26	24°33	16°42	6° 0	S 5
M 6	1 34 51	21°51'51	5♐29	9°26	8°45	24°30	13°42	21°39	18° 5	16°42	17°34	24°26	24°30	16°48	6°D 0	M 6
T 7	1 38 48	22°51'37	18°19	9° 4	9°45	24°58	13°55	21°46	18° 7	16°41	17°33	24°26	24°27	16°55	6° 0	T 7
W 8	1 42 44	23°51'24	0♑50	8°52	10°44	25°26	14° 8	21°52	18° 9	16°40	17°32	24°27	24°24	17° 2	6° 0	W 8
T 9	1 46 41	24°51'14	13° 4	8°D52	11°43	25°54	14°21	21°59	18°12	16°40	17°31	24°R27	24°20	17° 9	6° 0	T 9
F 10	1 50 37	25°51'05	25° 6	9° 3	12°42	26°21	14°34	22° 6	18°14	16°39	17°31	24°D27	24°17	17°15	6° 1	F 10
S 11	1 54 34	26°50'57	7♒ 1	9°24	13°40	26°48	14°46	22°12	18°17	16°38	17°30	24°27	24°14	17°22	6° 1	S 11
S 12	1 58 30	27°50'52	18°53	9°56	14°38	27°15	14°59	22°19	18°20	16°37	17°29	24°27	24°11	17°29	6° 1	S 12
M13	2 2 27	28°50'48	0♓47	10°36	15°36	27°41	15°12	22°26	18°22	16°36	17°28	24°27	24° 8	17°35	6° 2	M13
T 14	2 6 24	29°50'46	12°47	11°24	16°33	28° 7	15°25	22°32	18°25	16°35	17°27	24°28	24° 4	17°42	6° 2	T 14
W15	2 10 20	0♏50'45	24°57	12°20	17°29	28°33	15°38	22°39	18°28	16°34	17°26	24°28	24° 1	17°49	6° 3	W15
T 16	2 14 17	1°50'47	7♈19	13°22	18°25	28°59	15°51	22°45	18°30	16°32	17°25	24°29	23°58	17°55	6° 4	T 16
F 17	2 18 13	2°50'50	19°55	14°30	19°20	29°24	16° 5	22°51	18°33	16°31	17°25	24°R29	23°55	18° 2	6° 4	F 17
S 18	2 22 10	3°50'54	2♉47	15°42	20°15	29°49	16°18	22°58	18°36	16°30	17°24	24°29	23°52	18° 9	6° 5	S 18
S 19	2 26 6	4°51'01	15°55	16°59	21° 9	0♌14	16°31	23° 4	18°39	16°29	17°23	24°29	23°49	18°16	6° 6	S 19
M20	2 30 3	5°51'10	29°18	18°19	22° 3	0°38	16°44	23°10	18°42	16°28	17°22	24°28	23°45	18°22	6° 7	M20
T 21	2 33 59	6°51'20	12♊55	19°43	22°56	1° 2	16°57	23°16	18°45	16°27	17°22	24°26	23°42	18°29	6° 8	T 21
W22	2 37 56	7°51'33	26°43	21° 9	23°48	1°25	17°10	23°22	18°47	16°25	17°21	24°24	23°39	18°36	6° 9	W22
T 23	2 41 53	8°51'48	10♋41	22°37	24°40	1°48	17°24	23°28	18°50	16°24	17°20	24°23	23°36	18°42	6°10	T 23
F 24	2 45 49	9°52'05	24°45	24° 7	25°31	2°11	17°37	23°34	18°53	16°23	17°20	24°21	23°33	18°49	6°11	F 24
S 25	2 49 46	10°52'23	8♌54	25°38	26°21	2°34	17°50	23°40	18°56	16°22	17°19	24°D21	23°30	18°56	6°13	S 25
S 26	2 53 42	11°52'44	23° 5	27°10	27°11	2°56	18° 3	23°46	19° 0	16°20	17°18	24°21	23°26	19° 3	6°14	S 26
M27	2 57 39	12°53'07	7♍17	28°44	27°59	3°17	18°17	23°52	19° 3	16°19	17°18	24°22	23°23	19° 9	6°15	M27
T 28	3 1 35	13°53'32	21°28	0♏18	28°47	3°39	18°30	23°57	19° 6	16°18	17°17	24°23	23°20	19°16	6°17	T 28
W29	3 5 32	14°53'58	5♎34	1°52	29°34	3°59	18°43	24° 3	19° 9	16°16	17°16	24°25	23°17	19°23	6°18	W29
T 30	3 9 28	15°54'27	19°33	3°27	0♑21	4°20	18°57	24° 9	19°12	16°15	17°16	24°R26	23°14	19°29	6°20	T 30
F 31	3 13 25	16♏54'57	3♏21	5♏ 2	1♑ 6	4♌40	19♏10	24♍14	19♐15	16♊13	17♓15	24♎25	23♎10	19♒36	6♒22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚸	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s39	0s45	2s31	6s30	1s 9	24s15	3s23	22n39	0n59	14s51	0n51	5n21	1n57	23s 3	0s 7	21n23	1s27	19s23	15s48	9s30	9s37	11s26	12s 5	6n56
T 2	7 2	5 22	1 16	5 45	0 48	24 30	3 26	22 35	1 0	14 55	0 51	5 18	1 57	23 3	0 7	21 23	1 27	19 23	15 48	9 29	9 36	11 24	12 6	6 55
F 3	7 25	9 36	0n 2	5 2	0 28	24 45	3 30	22 32	1 2	14 59	0 51	5 15	1 58	23 4	0 7	21 23	1 27	19 23	15 48	9 29	9 34	11 22	12 6	6 55
S 4	7 47	13 12	1 19	4 22	0 7	24 58	3 33	22 28	1 3	15 3	0 51	5 13	1 58	23 4	0 7	21 23	1 27	19 23	15 48	9 29	9 33	11 21	12 7	6 54
S 5	8 10	15 59	2 29	3 47	0n12	25 12	3 36	22 25	1 5	15 7	0 51	5 10	1 58	23 4	0 7	21 23	1 27	19 24	15 48	9 29	9 32	11 19	12 7	6 54
M 6	8 32	17 51	3 29	3 17	0 30	25 24	3 39	22 21	1 6	15 11	0 51	5 8	1 58	23 4	0 7	21 23	1 27	19 24	15 47	9 30	9 31	11 17	12 8	6 53
T 7	8 55	18 43	4 17	2 53	0 47	25 36	3 41	22 18	1 8	15 15	0 51	5 5	1 58	23 4	0 7	21 23	1 27	19 24	15 47	9 30	9 30	11 16	12 8	6 53
W 8	9 17	18 39	4 51	2 34	1 3	25 48	3 44	22 14	1 10	15 19	0 51	5 2	1 58	23 5	0 7	21 23	1 27	19 24	15 47	9 30	9 29	11 14	12 9	6 52
T 9	9 39	17 41	5 11	2 21	1 16	25 59	3 47	22 11	1 11	15 22	0 51	5 0	1 58	23 5	0 7	21 23	1 27	19 24	15 47	9 30	9 27	11 12	12 9	6 52
F 10	10 1	15 57	5 17	2 14	1 28	26 9	3 49	22 7	1 13	15 26	0 50	4 57	1 59	23 5	0 7	21 22	1 27	19 25	15 47	9 30	9 26	11 11	12 10	6 51
S 11	10 22	13 34	5 10	2 13	1 39	26 19	3 51	22 3	1 14	15 30	0 50	4 55	1 59	23 5	0 7	21 22	1 27	19 25	15 46	9 30	9 25	11 9	12 10	6 51
S 12	10 44	10 37	4 49	2 17	1 48	26 28	3 53	22 0	1 16	15 34	0 50	4 52	1 59	23 6	0 7	21 22	1 27	19 25	15 46	9 30	9 24	11 7	12 10	6 50
M13	11 5	7 14	4 16	2 27	1 55	26 37	3 56	21 56	1 18	15 38	0 50	4 50	1 59	23 6	0 7	21 22	1 27	19 25	15 46	9 30	9 23	11 6	12 11	6 50
T 14	11 27	3 31	3 31	2 40	2 1	26 45	3 57	21 53	1 19	15 42	0 50	4 48	1 59	23 6	0 7	21 22	1 27	19 25	15 46	9 30	9 22	11 4	12 11	6 49
W15	11 48	0n23	2 37	2 58	2 5	26 52	3 59	21 49	1 21	15 46	0 50	4 45	1 59	23 6	0 7	21 22	1 27	19 25	15 45	9 30	9 20	11 2	12 11	6 49
T 16	12 9	4 21	1 34	3 19	2 8	26 59	4 1	21 45	1 23	15 50	0 50	4 43	2 0	23 7	0 7	21 22	1 27	19 25	15 45	9 31	9 19	11 1	12 12	6 48
F 17	12 29	8 12	0 25	3 44	2 10	27 5	4 2	21 42	1 24	15 53	0 50	4 40	2 0	23 7	0 7	21 21	1 27	19 25	15 45	9 31	9 18	10 59	12 12	6 48
S 18	12 50	11 45	0s46	4 11	2 10	27 11	4 4	21 38	1 26	15 57	0 50	4 38	2 0	23 7	0 7	21 21	1 28	19 26	15 45	9 31	9 17	10 57	12 12	6 48
S 19	13 10	14 47	1 56	4 41	2 10	27 16	4 5	21 35	1 28	16 1	0 50	4 36	2 0	23 7	0 7	21 21	1 28	19 26	15 44	9 30	9 16	10 56	12 13	6 47
M20	13 30	17 6	3 1	5 13	2 9	27 21	4 6	21 31	1 29	16 5	0 50	4 34	2 0	23 8	0 7	21 21	1 28	19 26	15 44	9 30	9 14	10 54	12 13	6 47
T 21	13 50	18 29	3 57	5 46	2 7	27 25	4 7	21 28	1 31	16 9	0 49	4 31	2 0	23 8	0 7	21 21	1 28	19 26	15 44	9 29	9 13	10 52	12 13	6 46
W22	14 10	18 47	4 40	6 21	2 5	27 28	4 7	21 24	1 33	16 13	0 49	4 29	2 1	23 8	0 7	21 21	1 28	19 26	15 44	9 29	9 12	10 51	12 13	6 46
T 23	14 29	17 58	5 7	6 56	2 1	27 31	4 8	21 21	1 35	16 16	0 49	4 27	2 1	23 8	0 7	21 21	1 28	19 26	15 43	9 28	9 11	10 49	12 14	6 45
F 24	14 48	16 2	5 16	7 33	1 58	27 33	4 8	21 17	1 37	16 20	0 49	4 25	2 1	23 9	0 7	21 20	1 28	19 26	15 43	9 28	9 10	10 47	12 14	6 45
S 25	15 7	13 9	5 6	8 10	1 53	27 35	4 8	21 14	1 39	16 24	0 49	4 22	2 1	23 9	0 7	21 20	1 28	19 26	15 43	9 28	9 9	10 46	12 14	6 44
S 26	15 26	9 29	4 37	8 48	1 49	27 36	4 8	21 11	1 40	16 28	0 49	4 20	2 1	23 9	0 7	21 20	1 28	19 26	15 43	9 28	9 7	10 44	12 14	6 44
M27	15 44	5 16	3 52	9 26	1 44	27 36	4 8	21 7	1 42	16 31	0 49	4 18	2 2	23 9	0 7	21 20	1 28	19 26	15 42	9 28	9 6	10 42	12 14	6 43
T 28	16 3	0 46	2 52	10 4	1 38	27 36	4 7	21 4	1 44	16 35	0 49	4 16	2 2	23 10	0 7	21 20	1 28	19 26	15 42	9 29	9 5	10 41	12 14	6 43
W29	16 21	3s47	1 42	10 42	1 33	27 36	4 6	21 1	1 46	16 39	0 49	4 14	2 2	23 10	0 7	21 20	1 28	19 26	15 42	9 29	9 4	10 39	12 14	6 42
T 30	16 38	8 5	0 27	11 20	1 27	27 35	4 5	20 58	1 48	16 43	0 49	4 12	2 2	23 10	0 7	21 20	1 28	19 26	15 41	9 29	9 3	10 37	12 15	6 42
F 31	16s56	11s54	0n49	11s58	1n20	27s33	4s 4	20n55	1n50	16s46	0n49	4n10	2n 2	23s10	0s 7	21n19	1s28	19s26	15s41	9s29	9s 2	10s35	12s15	6n41

Julian Day Number = 2293677.5, Delta T = 142.95 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'30, Lahiri = 17°49'31 Julian Calendar 1 Oct. 1567 == Greg. Calendar 11 Oct. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

NOVEMBER 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 17 22	17♏55'29	16♏57	6♏38	1♉50	4♌59	19♏23	24♍20	19♐18	16°R12	17°R15	24°R24	23♎ 7	19♒43	6♒23	S 1
S 2	3 21 18	18°56'02	0♐18	8°13	2°34	5°18	19°36	24°25	19°22	16♊10	17♓14	24♎21	23° 4	19°50	6°25	S 2
M 3	3 25 15	19°56'37	13°22	9°49	3°16	5°37	19°50	24°30	19°25	16° 9	17°14	24°18	23° 1	19°56	6°27	M 3
T 4	3 29 11	20°57'14	26° 9	11°24	3°57	5°55	20° 3	24°36	19°28	16° 7	17°14	24°13	22°58	20° 3	6°29	T 4
W 5	3 33 8	21°57'52	8♉38	13° 0	4°37	6°13	20°16	24°41	19°32	16° 6	17°13	24° 8	22°55	20°10	6°31	W 5
T 6	3 37 4	22°58'31	20°53	14°35	5°16	6°30	20°30	24°46	19°35	16° 4	17°13	24° 4	22°51	20°16	6°33	T 6
F 7	3 41 1	23°59'11	2♒56	16°11	5°54	6°47	20°43	24°51	19°38	16° 3	17°12	24° 1	22°48	20°23	6°35	F 7
S 8	3 44 57	24°59'53	14°51	17°46	6°30	7° 3	20°56	24°56	19°42	16° 1	17°12	23°59	22°45	20°30	6°37	S 8
S 9	3 48 54	26° 0'35	26°42	19°21	7° 5	7°18	21°10	25° 1	19°45	16° 0	17°12	23°D58	22°42	20°37	6°40	S 9
M10	3 52 51	27° 1'19	8♓35	20°56	7°39	7°33	21°23	25° 5	19°48	15°58	17°11	23°59	22°39	20°43	6°42	M10
T 11	3 56 47	28° 2'03	20°34	22°31	8°11	7°48	21°36	25°10	19°52	15°57	17°11	24° 0	22°36	20°50	6°44	T 11
W12	4 0 44	29° 2'49	2♈44	24° 6	8°41	8° 2	21°50	25°15	19°55	15°55	17°11	24° 2	22°32	20°57	6°47	W12
T 13	4 4 40	0♐ 3'36	15°11	25°41	9°10	8°15	22° 3	25°19	19°59	15°53	17°11	24° 4	22°29	21° 3	6°49	T 13
F 14	4 8 37	1° 4'24	27°56	27°16	9°38	8°28	22°16	25°24	20° 2	15°52	17°10	24°R 4	22°26	21°10	6°52	F 14
S 15	4 12 33	2° 5'12	11♉ 2	28°50	10° 3	8°41	22°29	25°28	20° 6	15°50	17°10	24° 3	22°23	21°17	6°54	S 15
S 16	4 16 30	3° 6'02	24°31	0♐24	10°27	8°52	22°43	25°32	20° 9	15°48	17°10	23°59	22°20	21°23	6°57	S 16
M17	4 20 26	4° 6'54	8♊19	1°59	10°49	9° 3	22°56	25°37	20°13	15°47	17°10	23°54	22°16	21°30	7° 0	M17
T 18	4 24 23	5° 7'46	22°25	3°33	11° 9	9°14	23° 9	25°41	20°16	15°45	17°10	23°48	22°13	21°37	7° 2	T 18
W19	4 28 20	6° 8'39	6♋43	5° 7	11°28	9°24	23°22	25°45	20°20	15°43	17°10	23°41	22°10	21°44	7° 5	W19
T 20	4 32 16	7° 9'34	21° 7	6°42	11°44	9°33	23°36	25°49	20°23	15°42	17°10	23°34	22° 7	21°50	7° 8	T 20
F 21	4 36 13	8°10'30	5♌33	8°16	11°58	9°42	23°49	25°53	20°27	15°40	17°10	23°28	22° 4	21°57	7°11	F 21
S 22	4 40 9	9°11'27	19°54	9°50	12°10	9°50	24° 2	25°56	20°31	15°38	17°D10	23°25	22° 1	22° 4	7°14	S 22
S 23	4 44 6	10°12'26	4♍ 7	11°24	12°19	9°57	24°15	26° 0	20°34	15°37	17°10	23°D23	21°57	22°10	7°17	S 23
M24	4 48 2	11°13'25	18°11	12°59	12°27	10° 3	24°28	26° 4	20°38	15°35	17°10	23°23	21°54	22°17	7°20	M24
T 25	4 51 59	12°14'26	2♎ 5	14°33	12°32	10° 9	24°41	26° 7	20°41	15°33	17°10	23°24	21°51	22°24	7°23	T 25
W26	4 55 55	13°15'28	15°48	16° 8	12°35	10°14	24°54	26°10	20°45	15°32	17°10	23°25	21°48	22°30	7°26	W26
T 27	4 59 52	14°16'31	29°20	17°42	12°R35	10°19	25° 7	26°14	20°49	15°30	17°10	23°R25	21°45	22°37	7°29	T 27
F 28	5 3 49	15°17'35	12♏42	19°17	12°33	10°22	25°20	26°17	20°52	15°28	17°10	23°23	21°42	22°44	7°33	F 28
S 29	5 7 45	16°18'40	25°54	20°51	12°29	10°25	25°33	26°20	20°56	15°27	17°10	23°19	21°38	22°51	7°36	S 29
S 30	5 11 42	17♐19'45	8♐54	22♐26	12♉22	10♌27	25♏46	26♍23	20♐59	15♊25	17♓10	23♎12	21♎35	22♒57	7♒39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s13	15s 0	2n 1	12s35	1n14	27s31	4s 2	20n53	1n52	16s50	0n49	4n 8	2n 3	23s11	0s 7	21n19	1s28	19s26	15s41	9s29	9s 0	10s34	12s15	6n41
S 2	17 29	17 15	3 5	13 13	1 8	27 29	4 1	20 50	1 54	16 54	0 49	4 6	2 3	23 11	0 7	21 19	1 28	19 26	15 41	9 28	8 59	10 32	12 15	6 40
M 3	17 46	18 32	3 57	13 49	1 1	27 26	3 59	20 47	1 56	16 57	0 49	4 4	2 3	23 11	0 7	21 19	1 28	19 25	15 40	9 26	8 58	10 30	12 15	6 40
T 4	18 2	18 50	4 37	14 25	0 54	27 22	3 56	20 45	1 58	17 1	0 48	4 2	2 3	23 11	0 7	21 19	1 28	19 25	15 40	9 25	8 57	10 29	12 15	6 39
W 5	18 18	18 12	5 2	15 1	0 48	27 18	3 54	20 42	2 0	17 5	0 48	4 0	2 3	23 12	0 7	21 19	1 28	19 25	15 40	9 23	8 56	10 27	12 15	6 39
T 6	18 33	16 43	5 12	15 36	0 41	27 14	3 51	20 40	2 3	17 8	0 48	3 59	2 4	23 12	0 7	21 18	1 28	19 25	15 39	9 21	8 54	10 25	12 15	6 38
F 7	18 49	14 32	5 9	16 10	0 34	27 9	3 48	20 38	2 5	17 12	0 48	3 57	2 4	23 12	0 7	21 18	1 28	19 25	15 39	9 20	8 53	10 24	12 14	6 38
S 8	19 4	11 45	4 53	16 44	0 27	27 4	3 44	20 36	2 7	17 15	0 48	3 55	2 4	23 12	0 7	21 18	1 28	19 25	15 39	9 19	8 52	10 22	12 14	6 37
S 9	19 18	8 31	4 24	17 17	0 20	26 58	3 40	20 34	2 9	17 19	0 48	3 53	2 4	23 13	0 7	21 18	1 28	19 25	15 38	9 19	8 51	10 20	12 14	6 37
M10	19 32	4 55	3 43	17 49	0 13	26 52	3 36	20 32	2 11	17 22	0 48	3 52	2 5	23 13	0 7	21 18	1 28	19 24	15 38	9 19	8 50	10 19	12 14	6 37
T 11	19 46	1 6	2 53	18 20	0 7	26 46	3 32	20 30	2 13	17 26	0 48	3 50	2 5	23 13	0 7	21 17	1 28	19 24	15 38	9 20	8 49	10 17	12 14	6 36
W12	19 59	2n50	1 54	18 51	0s 0	26 39	3 27	20 29	2 16	17 29	0 48	3 48	2 5	23 14	0 7	21 17	1 28	19 24	15 37	9 21	8 47	10 15	12 14	6 36
T 13	20 13	6 44	0 48	19 20	0 7	26 32	3 22	20 28	2 18	17 33	0 48	3 47	2 5	23 14	0 7	21 17	1 28	19 24	15 37	9 21	8 46	10 13	12 14	6 35
F 14	20 25	10 26	0s21	19 49	0 14	26 24	3 16	20 26	2 20	17 36	0 48	3 45	2 6	23 14	0 7	21 17	1 28	19 24	15 37	9 21	8 45	10 12	12 13	6 35
S 15	20 38	13 44	1 31	20 16	0 20	26 16	3 10	20 25	2 23	17 40	0 48	3 44	2 6	23 14	0 7	21 17	1 28	19 23	15 36	9 21	8 44	10 10	12 13	6 34
S 16	20 49	16 23	2 38	20 43	0 27	26 8	3 4	20 25	2 25	17 43	0 48	3 42	2 6	23 15	0 7	21 17	1 28	19 23	15 36	9 20	8 43	10 8	12 13	6 34
M17	21 1	18 10	3 37	21 9	0 33	25 59	2 57	20 24	2 27	17 47	0 48	3 41	2 6	23 15	0 7	21 16	1 28	19 23	15 36	9 18	8 41	10 7	12 13	6 34
T 18	21 12	18 53	4 24	21 33	0 40	25 50	2 50	20 23	2 30	17 50	0 48	3 39	2 7	23 15	0 7	21 16	1 28	19 23	15 35	9 15	8 40	10 5	12 13	6 33
W19	21 23	18 24	4 55	21 57	0 46	25 41	2 42	20 23	2 32	17 53	0 48	3 38	2 7	23 15	0 7	21 16	1 28	19 22	15 35	9 13	8 39	10 3	12 12	6 33
T 20	21 33	16 45	5 8	22 20	0 52	25 32	2 34	20 23	2 34	17 57	0 48	3 37	2 7	23 16	0 7	21 16	1 28	19 22	15 35	9 10	8 38	10 1	12 12	6 32
F 21	21 43	14 3	5 2	22 41	0 58	25 22	2 26	20 23	2 37	18 0	0 48	3 35	2 7	23 16	0 7	21 16	1 28	19 22	15 34	9 8	8 37	10 0	12 12	6 32
S 22	21 53	10 30	4 37	23 1	1 4	25 12	2 17	20 23	2 39	18 3	0 48	3 34	2 8	23 16	0 7	21 16	1 28	19 22	15 34	9 7	8 36	9 58	12 11	6 32
S 23	22 2	6 23	3 54	23 21	1 9	25 2	2 7	20 23	2 42	18 6	0 48	3 33	2 8	23 17	0 7	21 15	1 28	19 21	15 34	9 6	8 34	9 56	12 11	6 31
M24	22 10	1 57	2 58	23 39	1 15	24 51	1 57	20 24	2 44	18 10	0 48	3 32	2 8	23 17	0 7	21 15	1 28	19 21	15 33	9 6	8 33	9 55	12 11	6 31
T 25	22 19	2s33	1 53	23 55	1 20	24 40	1 47	20 25	2 47	18 13	0 48	3 30	2 8	23 17	0 7	21 15	1 28	19 21	15 33	9 7	8 32	9 53	12 10	6 30
W26	22 26	6 52	0 41	24 11	1 25	24 29	1 36	20 26	2 49	18 16	0 48	3 29	2 9	23 17	0 7	21 15	1 28	19 20	15 33	9 7	8 31	9 51	12 10	6 30
T 27	22 34	10 46	0n32	24 25	1 30	24 18	1 25	20 27	2 52	18 19	0 48	3 28	2 9	23 18	0 7	21 15	1 28	19 20	15 32	9 7	8 30	9 49	12 9	6 30
F 28	22 41	14 4	1 42	24 38	1 35	24 7	1 13	20 29	2 54	18 22	0 47	3 27	2 9	23 18	0 7	21 14	1 28	19 19	15 32	9 6	8 28	9 48	12 9	6 29
S 29	22 47	16 36	2 45	24 50	1 39	23 55	1 1	20 30	2 57	18 25	0 47	3 26	2 9	23 18	0 7	21 14	1 28	19 19	15 32	9 5	8 27	9 46	12 8	6 29
S 30	22s53	18s14	3n39	25s 0	1s44	23s43	0s48	20n32	3n 0	18s28	0n47	3n25	2n10	23s18	0s 7	21n14	1s28	19s19	15s31	9s 2	8s26	9s44	12s 8	6n29

Julian Day Number = 2293708.5, Delta T = 142.79 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'35, Lahiri = 17°49'35 Julian Calendar 1 Nov. 1567 == Greg. Calendar 11 Nov. 1567

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ASTRODIENST EPHEMERIS for the year 1567
geocentric

DECEMBER 1567 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 15 38	18♐20'52	21♐42	24♐ 1	12°R12	10♌29	25♏59	26♍26	21♐ 3	15°R23	17♓11	23°R 3	21♎32	23♒ 4	7♒43	M 1
T 2	5 19 35	19°21'59	4♑17	25°36	12♑ 0	10°R29	26°12	26°29	21° 7	15♊21	17°11	22♎52	21°29	23°11	7°46	T 2
W 3	5 23 31	20°23'07	16°40	27°11	11°46	10°29	26°24	26°32	21°10	15°20	17°11	22°41	21°26	23°17	7°50	W 3
T 4	5 27 28	21°24'15	28°51	28°47	11°29	10°28	26°37	26°34	21°14	15°18	17°11	22°30	21°22	23°24	7°53	T 4
F 5	5 31 24	22°25'23	10♒51	0♑22	11°10	10°26	26°50	26°37	21°18	15°16	17°12	22°20	21°19	23°31	7°57	F 5
S 6	5 35 21	23°26'32	22°45	1°58	10°48	10°24	27° 3	26°39	21°21	15°15	17°12	22°13	21°16	23°38	8° 0	S 6
S 7	5 39 18	24°27'41	4♓34	3°33	10°25	10°20	27°15	26°41	21°25	15°13	17°12	22° 8	21°13	23°44	8° 4	S 7
M 8	5 43 14	25°28'50	16°24	5° 9	9°59	10°16	27°28	26°44	21°28	15°11	17°13	22° 6	21°10	23°51	8° 8	M 8
T 9	5 47 11	26°29'59	28°21	6°45	9°31	10°11	27°40	26°46	21°32	15°10	17°13	22°D 6	21° 7	23°58	8°12	T 9
W10	5 51 7	27°31'08	10♈28	8°21	9° 1	10° 5	27°53	26°48	21°36	15° 8	17°14	22° 6	21° 3	24° 4	8°15	W10
T 11	5 55 4	28°32'17	22°52	9°56	8°30	9°58	28° 5	26°50	21°39	15° 6	17°14	22°R 6	21° 0	24°11	8°19	T 11
F 12	5 59 0	29°33'26	5♉37	11°32	7°57	9°51	28°18	26°51	21°43	15° 5	17°15	22° 6	20°57	24°18	8°23	F 12
S 13	6 2 57	0♑34'36	18°48	13° 8	7°23	9°42	28°30	26°53	21°47	15° 3	17°15	22° 3	20°54	24°24	8°27	S 13
S 14	6 6 53	1°35'45	2♊25	14°43	6°48	9°33	28°42	26°55	21°50	15° 1	17°16	21°57	20°51	24°31	8°31	S 14
M15	6 10 50	2°36'54	16°30	16°18	6°12	9°23	28°54	26°56	21°54	15° 0	17°16	21°49	20°48	24°38	8°35	M15
T 16	6 14 47	3°38'03	0♋58	17°53	5°35	9°12	29° 6	26°57	21°57	14°58	17°17	21°38	20°44	24°45	8°39	T 16
W17	6 18 43	4°39'13	15°43	19°27	4°59	9° 1	29°19	26°59	22° 1	14°57	17°17	21°27	20°41	24°51	8°43	W17
T 18	6 22 40	5°40'22	0♌36	21° 0	4°22	8°48	29°31	27° 0	22° 4	14°55	17°18	21°16	20°38	24°58	8°47	T 18
F 19	6 26 36	6°41'32	15°29	22°32	3°45	8°35	29°43	27° 1	22° 8	14°54	17°19	21° 6	20°35	25° 5	8°51	F 19
S 20	6 30 33	7°42'41	0♍13	24° 4	3° 9	8°21	29°54	27° 2	22°12	14°52	17°19	20°59	20°32	25°11	8°55	S 20
S 21	6 34 29	8°43'51	14°42	25°33	2°34	8° 6	0♐ 6	27° 3	22°15	14°50	17°20	20°54	20°28	25°18	8°59	S 21
M22	6 38 26	9°45'01	28°53	27° 1	2° 0	7°51	0°18	27° 3	22°19	14°49	17°21	20°53	20°25	25°25	9° 4	M22
T 23	6 42 23	10°46'11	12♎45	28°27	1°27	7°35	0°30	27° 4	22°22	14°47	17°21	20°52	20°22	25°31	9° 8	T 23
W24	6 46 19	11°47'21	26°19	29°51	0°55	7°18	0°41	27° 4	22°26	14°46	17°22	20°52	20°19	25°38	9°12	W24
T 25	6 50 16	12°48'32	9♏36	1♒11	0°25	7° 0	0°53	27° 5	22°29	14°44	17°23	20°51	20°16	25°45	9°16	T 25
F 26	6 54 12	13°49'42	22°38	2°27	29♐57	6°42	1° 5	27° 5	22°33	14°43	17°24	20°48	20°13	25°52	9°21	F 26
S 27	6 58 9	14°50'52	5♐29	3°40	29°31	6°23	1°16	27° 5	22°36	14°42	17°24	20°42	20° 9	25°58	9°25	S 27
S 28	7 2 5	15°52'02	18° 8	4°47	29° 7	6° 3	1°27	27°R 5	22°39	14°40	17°25	20°32	20° 6	26° 5	9°29	S 28
M29	7 6 2	16°53'12	0♑38	5°49	28°45	5°43	1°39	27° 5	22°43	14°39	17°26	20°20	20° 3	26°12	9°34	M29
T 30	7 9 58	17°54'22	12°59	6°44	28°25	5°22	1°50	27° 5	22°46	14°37	17°27	20° 6	20° 0	26°18	9°38	T 30
W31	7 13 55	18♑55'31	25♑10	7♒32	28♐ 8	5♌ 1	2♐ 1	27♍ 5	22♐50	14♊36	17♓28	19♎51	19♎57	26♒25	9♒42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s59	18s54	4n21	25s 9	1s48	23s31	0s35	20n34	3n 2	18s32	0n47	3n24	2n10	23s19	0s 7	21n14	1s28	19s18	15s31	8s59	8s25	9s43	12s 7	6n28
T 2	23 4	18 37	4 49	25 16	1 51	23 19	0 22	20 37	3 5	18 35	0 47	3 24	2 10	23 19	0 7	21 14	1 28	19 18	15 31	8 55	8 24	9 41	12 7	6 28
W 3	23 9	17 27	5 3	25 23	1 55	23 6	0 8	20 39	3 8	18 38	0 47	3 23	2 10	23 19	0 7	21 14	1 28	19 18	15 30	8 50	8 22	9 39	12 6	6 27
T 4	23 13	15 30	5 2	25 27	1 58	22 53	0n 7	20 42	3 10	18 41	0 47	3 22	2 11	23 19	0 7	21 13	1 28	19 17	15 30	8 46	8 21	9 37	12 6	6 27
F 5	23 17	12 55	4 49	25 30	2 1	22 40	0 21	20 45	3 13	18 43	0 47	3 21	2 11	23 20	0 7	21 13	1 28	19 17	15 30	8 43	8 20	9 36	12 5	6 27
S 6	23 20	9 49	4 23	25 32	2 3	22 27	0 36	20 48	3 15	18 46	0 47	3 20	2 11	23 20	0 7	21 13	1 28	19 16	15 29	8 40	8 19	9 34	12 5	6 26
S 7	23 23	6 21	3 45	25 32	2 6	22 14	0 51	20 52	3 18	18 49	0 47	3 20	2 12	23 20	0 7	21 13	1 28	19 16	15 29	8 38	8 18	9 32	12 4	6 26
M 8	23 25	2 38	2 58	25 31	2 8	22 1	1 7	20 56	3 21	18 52	0 47	3 19	2 12	23 20	0 7	21 13	1 28	19 15	15 29	8 38	8 16	9 30	12 3	6 26
T 9	23 27	1n13	2 3	25 28	2 9	21 47	1 22	21 0	3 23	18 55	0 47	3 19	2 12	23 21	0 7	21 13	1 28	19 15	15 28	8 37	8 15	9 29	12 3	6 26
W10	23 28	5 6	1 2	25 24	2 10	21 34	1 38	21 4	3 26	18 58	0 47	3 18	2 12	23 21	0 7	21 12	1 28	19 14	15 28	8 38	8 14	9 27	12 2	6 25
T 11	23 29	8 51	0s 4	25 18	2 11	21 20	1 53	21 8	3 29	19 1	0 47	3 18	2 13	23 21	0 7	21 12	1 28	19 14	15 28	8 38	8 13	9 25	12 1	6 25
F 12	23 30	12 18	1 11	25 10	2 11	21 6	2 9	21 13	3 31	19 3	0 47	3 17	2 13	23 21	0 7	21 12	1 28	19 13	15 27	8 37	8 12	9 24	12 1	6 25
S 13	23 30	15 15	2 17	25 1	2 11	20 53	2 25	21 17	3 34	19 6	0 47	3 17	2 13	23 22	0 7	21 12	1 28	19 13	15 27	8 36	8 10	9 22	12 0	6 24
S 14	23 29	17 29	3 17	24 50	2 10	20 39	2 40	21 22	3 36	19 9	0 47	3 16	2 14	23 22	0 7	21 12	1 28	19 12	15 27	8 34	8 9	9 20	11 59	6 24
M15	23 28	18 43	4 7	24 37	2 9	20 26	2 55	21 27	3 39	19 11	0 47	3 16	2 14	23 22	0 7	21 12	1 28	19 12	15 26	8 31	8 8	9 18	11 59	6 24
T 16	23 27	18 47	4 42	24 23	2 7	20 12	3 10	21 33	3 41	19 14	0 47	3 16	2 14	23 22	0 7	21 11	1 28	19 11	15 26	8 27	8 7	9 17	11 58	6 24
W17	23 25	17 36	5 0	24 8	2 4	19 59	3 25	21 38	3 44	19 17	0 47	3 16	2 14	23 22	0 7	21 11	1 28	19 11	15 26	8 23	8 6	9 15	11 57	6 23
T 18	23 22	15 13	4 57	23 51	2 1	19 46	3 39	21 44	3 46	19 19	0 47	3 15	2 15	23 23	0 7	21 11	1 28	19 10	15 25	8 19	8 5	9 13	11 56	6 23
F 19	23 19	11 51	4 35	23 32	1 57	19 34	3 53	21 50	3 49	19 22	0 47	3 15	2 15	23 23	0 7	21 11	1 28	19 10	15 25	8 15	8 3	9 11	11 55	6 23
S 20	23 16	7 46	3 54	23 12	1 53	19 21	4 6	21 56	3 51	19 24	0 47	3 15	2 15	23 23	0 7	21 11	1 28	19 9	15 25	8 12	8 2	9 10	11 55	6 23
S 21	23 12	3 17	2 59	22 50	1 48	19 9	4 19	22 2	3 53	19 27	0 47	3 15	2 16	23 23	0 7	21 11	1 28	19 9	15 25	8 11	8 1	9 8	11 54	6 22
M22	23 8	1s18	1 54	22 28	1 42	18 58	4 31	22 8	3 56	19 29	0 47	3 15	2 16	23 24	0 7	21 11	1 28	19 8	15 24	8 10	8 0	9 6	11 53	6 22
T 23	23 3	5 42	0 43	22 4	1 35	18 47	4 42	22 15	3 58	19 32	0 47	3 15	2 16	23 24	0 7	21 10	1 28	19 8	15 24	8 10	7 59	9 4	11 52	6 22
W24	22 58	9 44	0n29	21 39	1 27	18 36	4 53	22 21	4 0	19 34	0 47	3 15	2 16	23 24	0 7	21 10	1 27	19 7	15 24	8 10	7 57	9 3	11 51	6 22
T 25	22 52	13 11	1 37	21 13	1 18	18 26	5 3	22 28	4 2	19 37	0 47	3 15	2 17	23 24	0 7	21 10	1 27	19 6	15 23	8 9	7 56	9 1	11 50	6 21
F 26	22 46	15 54	2 39	20 46	1 9	18 17	5 13	22 35	4 4	19 39	0 47	3 15	2 17	23 24	0 7	21 10	1 27	19 6	15 23	8 8	7 55	8 59	11 49	6 21
S 27	22 40	17 47	3 32	20 19	0 58	18 8	5 21	22 42	4 6	19 41	0 47	3 16	2 17	23 25	0 7	21 10	1 27	19 5	15 23	8 6	7 54	8 57	11 49	6 21
S 28	22 33	18 45	4 14	19 52	0 46	18 0	5 29	22 48	4 8	19 43	0 47	3 16	2 18	23 25	0 7	21 10	1 27	19 5	15 22	8 2	7 53	8 56	11 48	6 21
M29	22 25	18 47	4 42	19 24	0 34	17 53	5 36	22 55	4 10	19 46	0 47	3 16	2 18	23 25	0 7	21 10	1 27	19 4	15 22	7 58	7 51	8 54	11 47	6 21
T 30	22 18	17 56	4 57	18 57	0 20	17 46	5 43	23 2	4 12	19 48	0 47	3 16	2 18	23 25	0 7	21 10	1 27	19 3	15 22	7 52	7 50	8 52	11 46	6 20
W31	22s 9	16s16	4n58	18s31	0s 5	17s40	5n49	23n 9	4n14	19s50	0n47	3n17	2n18	23s25	0s 7	21n 9	1s27	19s 3	15s22	7s47	7s49	8s50	11s45	6n20

Julian Day Number = 2293738.5, Delta T = 142.62 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'39, Lahiri = 17°49'39 Julian Calendar 1 Dec. 1567 == Greg. Calendar 11 Dec. 1567

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

JANUARY 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 17 52	19♉56'39	7♒14	8♒12	27°R53	4°R39	2♐12	27°R 4	22♐53	14°R35	17♓29	19°R36	19♎54	26♒32	9♒47	T 1
F 2	7 21 48	20°57'47	19°10	8°43	27♐40	4♌17	2°23	27♍ 4	22°56	14♊33	17°30	19♎23	19°50	26°38	9°51	F 2
S 3	7 25 45	21°58'54	1♓ 1	9° 3	27°30	3°55	2°34	27° 3	23° 0	14°32	17°31	19°13	19°47	26°45	9°56	S 3
S 4	7 29 41	23° 0'00	12°49	9°R13	27°23	3°32	2°44	27° 3	23° 3	14°31	17°32	19° 5	19°44	26°52	10° 0	S 4
M 5	7 33 38	24° 1'06	24°37	9°12	27°18	3° 9	2°55	27° 2	23° 6	14°30	17°33	19° 1	19°41	26°58	10° 5	M 5
T 6	7 37 34	25° 2'10	6♈31	8°59	27°15	2°45	3° 6	27° 1	23° 9	14°28	17°34	18°59	19°38	27° 5	10° 9	T 6
W 7	7 41 31	26° 3'14	18°35	8°34	27°D15	2°22	3°16	27° 0	23°13	14°27	17°35	18°58	19°34	27°12	10°14	W 7
T 8	7 45 27	27° 4'16	0♉54	7°58	27°17	1°58	3°27	26°59	23°16	14°26	17°36	18°58	19°31	27°19	10°18	T 8
F 9	7 49 24	28° 5'17	13°34	7°12	27°22	1°34	3°37	26°57	23°19	14°25	17°37	18°57	19°28	27°25	10°23	F 9
S 10	7 53 21	29° 6'18	26°40	6°16	27°29	1°10	3°47	26°56	23°22	14°24	17°38	18°55	19°25	27°32	10°27	S 10
S 11	7 57 17	0♒ 7'17	10♊15	5°12	27°38	0°46	3°57	26°55	23°25	14°23	17°39	18°50	19°22	27°39	10°32	S 11
M12	8 1 14	1° 8'15	24°20	4° 3	27°50	0°22	4° 7	26°53	23°28	14°22	17°40	18°42	19°19	27°45	10°36	M12
T 13	8 5 10	2° 9'12	8♋54	2°49	28° 3	29♋58	4°17	26°51	23°31	14°21	17°41	18°32	19°15	27°52	10°41	T 13
W14	8 9 7	3°10'08	23°51	1°34	28°19	29°34	4°27	26°50	23°34	14°20	17°42	18°20	19°12	27°59	10°46	W14
T 15	8 13 3	4°11'03	9♌ 2	0°19	28°37	29°10	4°37	26°48	23°37	14°19	17°44	18° 9	19° 9	28° 5	10°50	T 15
F 16	8 17 0	5°11'57	24°16	29♉ 8	28°57	28°47	4°46	26°46	23°40	14°18	17°45	17°59	19° 6	28°12	10°55	F 16
S 17	8 20 56	6°12'50	9♍23	28° 0	29°18	28°23	4°56	26°44	23°43	14°17	17°46	17°52	19° 3	28°19	10°59	S 17
S 18	8 24 53	7°13'41	24°13	26°58	29°42	28° 0	5° 5	26°42	23°46	14°16	17°47	17°48	19° 0	28°26	11° 4	S 18
M19	8 28 50	8°14'32	8♎42	26° 3	0♉ 7	27°38	5°14	26°39	23°49	14°15	17°48	17°46	18°56	28°32	11° 9	M19
T 20	8 32 46	9°15'22	22°45	25°16	0°34	27°15	5°23	26°37	23°52	14°14	17°50	17°D45	18°53	28°39	11°13	T 20
W21	8 36 43	10°16'12	6♏23	24°38	1° 3	26°54	5°32	26°35	23°54	14°13	17°51	17°R46	18°50	28°46	11°18	W21
T 22	8 40 39	11°17'00	19°38	24° 7	1°33	26°32	5°41	26°32	23°57	14°13	17°52	17°45	18°47	28°52	11°22	T 22
F 23	8 44 36	12°17'47	2♐34	23°45	2° 5	26°11	5°50	26°29	24° 0	14°12	17°54	17°43	18°44	28°59	11°27	F 23
S 24	8 48 32	13°18'34	15°14	23°32	2°38	25°51	5°59	26°27	24° 3	14°11	17°55	17°39	18°40	29° 6	11°32	S 24
S 25	8 52 29	14°19'19	27°40	23°D26	3°13	25°31	6° 7	26°24	24° 5	14°10	17°56	17°32	18°37	29°12	11°36	S 25
M26	8 56 25	15°20'03	9♑56	23°27	3°49	25°11	6°16	26°21	24° 8	14°10	17°57	17°22	18°34	29°19	11°41	M26
T 27	9 0 22	16°20'46	22° 3	23°35	4°26	24°53	6°24	26°18	24°11	14° 9	17°59	17°11	18°31	29°26	11°45	T 27
W28	9 4 19	17°21'28	4♒ 4	23°50	5° 5	24°35	6°32	26°15	24°13	14° 8	18° 0	16°58	18°28	29°32	11°50	W28
T 29	9 8 15	18°22'08	15°59	24°11	5°45	24°17	6°40	26°12	24°16	14° 8	18° 2	16°47	18°25	29°39	11°55	T 29
F 30	9 12 12	19°22'47	27°51	24°38	6°26	24° 0	6°48	26° 9	24°18	14° 7	18° 3	16°36	18°21	29°46	11°59	F 30
S 31	9 16 8	20♒23'24	9♓40	25♉10	7♉ 8	23♋44	6♐56	26♍ 5	24♐20	14♊ 7	18♓ 4	16♎28	18♎18	29♒52	12♒ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s 0	13s54	4n46	18s 5	0n10	17s35	5n54	23n16	4n15	19s52	0n47	3n17	2n19	23s26	0s 7	21n 9	1s27	19s 2	15s21	7s41	7s48	8s49	11s44	6n20
F 2	21 51	10 59	4 21	17 42	0 27	17 30	5 58	23 23	4 17	19 54	0 47	3 18	2 19	23 26	0 8	21 9	1 27	19 2	15 21	7 36	7 47	8 47	11 43	6 20
S 3	21 42	7 38	3 44	17 20	0 44	17 26	6 2	23 30	4 18	19 57	0 48	3 18	2 19	23 26	0 8	21 9	1 27	19 1	15 21	7 32	7 45	8 45	11 42	6 20
S 4	21 32	4 1	2 59	17 0	1 2	17 23	6 5	23 37	4 20	19 59	0 48	3 19	2 20	23 26	0 8	21 9	1 27	19 0	15 20	7 29	7 44	8 43	11 41	6 20
M 5	21 21	0 14	2 5	16 42	1 20	17 20	6 8	23 43	4 21	20 1	0 48	3 19	2 20	23 26	0 8	21 9	1 27	19 0	15 20	7 28	7 43	8 42	11 40	6 19
T 6	21 10	3n36	1 5	16 28	1 39	17 18	6 10	23 50	4 22	20 3	0 48	3 20	2 20	23 26	0 8	21 9	1 27	18 59	15 20	7 27	7 42	8 40	11 39	6 19
W 7	20 59	7 20	0 2	16 17	1 57	17 16	6 12	23 57	4 23	20 5	0 48	3 21	2 20	23 27	0 8	21 9	1 27	18 58	15 20	7 27	7 40	8 38	11 38	6 19
T 8	20 47	10 50	1s 3	16 9	2 15	17 15	6 13	24 3	4 24	20 7	0 48	3 21	2 21	23 27	0 8	21 9	1 27	18 58	15 19	7 27	7 39	8 36	11 37	6 19
F 9	20 35	13 56	2 6	16 4	2 31	17 15	6 13	24 9	4 25	20 9	0 48	3 22	2 21	23 27	0 8	21 9	1 27	18 57	15 19	7 26	7 38	8 35	11 36	6 19
S 10	20 23	16 27	3 5	16 3	2 47	17 15	6 13	24 15	4 25	20 10	0 48	3 23	2 21	23 27	0 8	21 8	1 27	18 56	15 19	7 25	7 37	8 33	11 34	6 19
S 11	20 10	18 8	3 56	16 5	3 1	17 16	6 13	24 21	4 26	20 12	0 48	3 24	2 21	23 27	0 8	21 8	1 27	18 56	15 19	7 23	7 36	8 31	11 33	6 19
M12	19 57	18 48	4 35	16 10	3 13	17 17	6 12	24 27	4 26	20 14	0 48	3 24	2 22	23 28	0 8	21 8	1 27	18 55	15 18	7 20	7 34	8 29	11 32	6 19
T 13	19 43	18 15	4 57	16 17	3 23	17 18	6 11	24 33	4 27	20 16	0 48	3 25	2 22	23 28	0 8	21 8	1 27	18 54	15 18	7 17	7 33	8 28	11 31	6 19
W14	19 30	16 27	5 0	16 26	3 30	17 20	6 9	24 38	4 27	20 18	0 48	3 26	2 22	23 28	0 8	21 8	1 27	18 54	15 18	7 12	7 32	8 26	11 30	6 18
T 15	19 15	13 30	4 42	16 37	3 35	17 22	6 7	24 43	4 27	20 19	0 48	3 27	2 23	23 28	0 8	21 8	1 27	18 53	15 18	7 8	7 31	8 24	11 29	6 18
F 16	19 1	9 38	4 4	16 50	3 38	17 24	6 5	24 48	4 27	20 21	0 48	3 28	2 23	23 28	0 8	21 8	1 27	18 52	15 18	7 4	7 30	8 22	11 28	6 18
S 17	18 46	5 9	3 9	17 3	3 38	17 27	6 2	24 53	4 27	20 23	0 48	3 29	2 23	23 28	0 8	21 8	1 27	18 52	15 17	7 2	7 28	8 21	11 27	6 18
S 18	18 30	0 26	2 2	17 17	3 36	17 30	5 59	24 58	4 27	20 24	0 48	3 30	2 23	23 28	0 8	21 8	1 26	18 51	15 17	7 0	7 27	8 19	11 25	6 18
M19	18 15	4s11	0 48	17 31	3 31	17 33	5 56	25 2	4 27	20 26	0 48	3 32	2 24	23 29	0 8	21 8	1 26	18 50	15 17	6 59	7 26	8 17	11 24	6 18
T 20	17 59	8 27	0n27	17 46	3 26	17 37	5 53	25 6	4 26	20 28	0 48	3 33	2 24	23 29	0 8	21 8	1 26	18 50	15 17	6 59	7 25	8 15	11 23	6 18
W21	17 42	12 9	1 37	18 0	3 18	17 40	5 49	25 10	4 26	20 29	0 48	3 34	2 24	23 29	0 8	21 8	1 26	18 49	15 17	6 59	7 24	8 14	11 22	6 18
T 22	17 26	15 6	2 41	18 13	3 10	17 44	5 45	25 14	4 25	20 31	0 48	3 35	2 24	23 29	0 8	21 8	1 26	18 48	15 16	6 59	7 22	8 12	11 21	6 18
F 23	17 9	17 13	3 35	18 27	3 0	17 47	5 41	25 17	4 25	20 32	0 48	3 36	2 25	23 29	0 8	21 8	1 26	18 48	15 16	6 58	7 21	8 10	11 19	6 18
S 24	16 52	18 25	4 17	18 39	2 49	17 51	5 37	25 21	4 24	20 34	0 48	3 38	2 25	23 29	0 8	21 8	1 26	18 47	15 16	6 57	7 20	8 8	11 18	6 18
S 25	16 34	18 43	4 46	18 51	2 38	17 55	5 33	25 23	4 23	20 35	0 48	3 39	2 25	23 29	0 8	21 8	1 26	18 46	15 16	6 54	7 19	8 6	11 17	6 18
M26	16 16	18 7	5 1	19 2	2 27	17 58	5 28	25 26	4 22	20 36	0 48	3 40	2 25	23 30	0 8	21 8	1 26	18 46	15 16	6 50	7 18	8 5	11 16	6 18
T 27	15 58	16 43	5 2	19 12	2 15	18 2	5 23	25 29	4 21	20 38	0 48	3 42	2 25	23 30	0 8	21 8	1 26	18 45	15 15	6 46	7 16	8 3	11 15	6 18
W28	15 40	14 35	4 50	19 22	2 3	18 5	5 19	25 31	4 20	20 39	0 48	3 43	2 26	23 30	0 8	21 8	1 26	18 44	15 15	6 41	7 15	8 1	11 13	6 18
T 29	15 21	11 51	4 26	19 30	1 51	18 9	5 14	25 33	4 19	20 40	0 49	3 45	2 26	23 30	0 8	21 8	1 26	18 44	15 15	6 36	7 14	7 59	11 12	6 18
F 30	15 3	8 39	3 49	19 37	1 39	18 12	5 8	25 35	4 17	20 42	0 49	3 46	2 26	23 30	0 8	21 8	1 26	18 43	15 15	6 32	7 13	7 58	11 11	6 18
S 31	14s43	5s 8	3n 3	19s43	1n27	18s15	5n 3	25n36	4n16	20s43	0n49	3n48	2n26	23s30	0s 8	21n 8	1s26	18s42	15s15	6s29	7s12	7s56	11s10	6n18

Julian Day Number = 2293769.5, Delta T = 142.46 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'43, Lahiri = 17°49'43 Julian Calendar 1 Jan. 1568 == Greg. Calendar 11 Jan. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

FEBRUARY 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 20 5	21♒23'59	21♓29	25♉46	7♉51	23°R29	7♐ 3	26°R 2	24♐23	14°R 6	18♓ 6	16°R22	18♎15	29♒59	12♒ 8	S 1
M 2	9 24 1	22°24'33	3♈20	26°27	8°35	23♋15	7°11	25♍58	24°25	14♊ 6	18° 7	16♎18	18°12	0♓ 6	12°13	M 2
T 3	9 27 58	23°25'05	15°16	27°12	9°20	23° 1	7°18	25°55	24°27	14° 6	18° 9	16°D17	18° 9	0°13	12°17	T 3
W 4	9 31 54	24°25'36	27°21	28° 1	10° 6	22°48	7°25	25°51	24°30	14° 5	18°10	16°18	18° 5	0°19	12°22	W 4
T 5	9 35 51	25°26'04	9♉39	28°53	10°53	22°35	7°32	25°47	24°32	14° 5	18°11	16°19	18° 2	0°26	12°27	T 5
F 6	9 39 47	26°26'31	22°16	29°48	11°41	22°24	7°39	25°44	24°34	14° 5	18°13	16°R20	17°59	0°33	12°31	F 6
S 7	9 43 44	27°26'56	5♊15	0♒46	12°29	22°13	7°46	25°40	24°36	14° 4	18°14	16°20	17°56	0°39	12°36	S 7
S 8	9 47 41	28°27'19	18°42	1°47	13°18	22° 3	7°53	25°36	24°38	14° 4	18°16	16°18	17°53	0°46	12°40	S 8
M 9	9 51 37	29°27'39	2♋37	2°50	14° 9	21°54	7°59	25°32	24°40	14° 4	18°17	16°14	17°50	0°53	12°44	M 9
T 10	9 55 34	0♓27'58	17° 1	3°56	14°59	21°46	8° 5	25°28	24°42	14° 4	18°19	16° 8	17°46	0°59	12°49	T 10
W11	9 59 30	1°28'15	1♌51	5° 4	15°51	21°39	8°11	25°24	24°44	14° 4	18°20	16° 1	17°43	1° 6	12°53	W11
T 12	10 3 27	2°28'30	17° 0	6°14	16°43	21°32	8°17	25°20	24°46	14° 4	18°22	15°54	17°40	1°13	12°58	T 12
F 13	10 7 23	3°28'43	2♍19	7°26	17°36	21°26	8°23	25°16	24°48	14° 4	18°23	15°48	17°37	1°19	13° 2	F 13
S 14	10 11 20	4°28'54	17°35	8°40	18°30	21°21	8°29	25°12	24°50	14°D 4	18°25	15°44	17°34	1°26	13° 7	S 14
S 15	10 15 16	5°29'04	2♎39	9°55	19°24	21°16	8°35	25° 7	24°52	14° 4	18°26	15°41	17°31	1°33	13°11	S 15
M16	10 19 13	6°29'12	17°23	11°12	20°19	21°13	8°40	25° 3	24°53	14° 4	18°28	15°D40	17°27	1°39	13°15	M16
T 17	10 23 10	7°29'18	1♏42	12°31	21°14	21°10	8°45	24°59	24°55	14° 4	18°29	15°41	17°24	1°46	13°19	T 17
W18	10 27 6	8°29'22	15°33	13°52	22°10	21° 8	8°50	24°54	24°57	14° 4	18°31	15°43	17°21	1°53	13°24	W18
T 19	10 31 3	9°29'25	28°57	15°13	23° 6	21° 7	8°55	24°50	24°58	14° 4	18°32	15°44	17°18	2° 0	13°28	T 19
F 20	10 34 59	10°29'27	11♐57	16°37	24° 3	21°D 6	9° 0	24°45	25° 0	14° 4	18°34	15°R45	17°15	2° 6	13°32	F 20
S 21	10 38 56	11°29'27	24°36	18° 1	25° 1	21° 6	9° 4	24°41	25° 1	14° 4	18°35	15°44	17°11	2°13	13°36	S 21
S 22	10 42 52	12°29'25	6♉58	19°27	25°59	21° 7	9° 9	24°36	25° 3	14° 5	18°37	15°41	17° 8	2°20	13°41	S 22
M23	10 46 49	13°29'21	19° 7	20°55	26°57	21° 9	9°13	24°32	25° 4	14° 5	18°38	15°37	17° 5	2°26	13°45	M23
T 24	10 50 45	14°29'16	1♒ 7	22°23	27°56	21°11	9°17	24°27	25° 5	14° 5	18°40	15°32	17° 2	2°33	13°49	T 24
W25	10 54 42	15°29'09	13° 1	23°53	28°55	21°14	9°21	24°22	25° 7	14° 6	18°41	15°27	16°59	2°40	13°53	W25
T 26	10 58 39	16°29'00	24°51	25°24	29°54	21°18	9°25	24°18	25° 8	14° 6	18°43	15°21	16°56	2°46	13°57	T 26
F 27	11 2 35	17°28'49	6♓40	26°57	0♒54	21°22	9°28	24°13	25° 9	14° 6	18°45	15°16	16°52	2°53	14° 1	F 27
S 28	11 6 32	18°28'36	18°30	28°30	1°54	21°27	9°32	24° 8	25°10	14° 7	18°46	15°13	16°49	3° 0	14° 5	S 28
S 29	11 10 28	19♓28'22	0♈23	0♓ 5	2♒55	21♋33	9♐35	24♍ 4	25♐11	14♊ 7	18♓48	15♎10	16♎46	3♓ 6	14♒ 9	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s24	1s24	2n 9	19s48	1n16	18s18	4n58	25n38	4n15	20s44	0n49	3n49	2n27	23s30	0s 8	21n 8	1s26	18s42	15s15	6s27	7s10	7s54	11s 8	6n18
M 2	14 4	2n23	1 9	19 52	1 4	18 21	4 52	25 39	4 13	20 45	0 49	3 51	2 27	23 30	0 8	21 8	1 26	18 41	15 15	6 26	7 9	7 52	11 7	6 18
T 3	13 45	6 7	0 6	19 54	0 53	18 24	4 47	25 40	4 12	20 47	0 49	3 52	2 27	23 31	0 8	21 8	1 26	18 40	15 14	6 25	7 8	7 51	11 6	6 18
W 4	13 25	9 38	0s59	19 56	0 41	18 26	4 41	25 40	4 10	20 48	0 49	3 54	2 27	23 31	0 8	21 8	1 26	18 40	15 14	6 25	7 7	7 49	11 4	6 18
T 5	13 4	12 48	2 3	19 56	0 30	18 28	4 36	25 41	4 9	20 49	0 49	3 56	2 27	23 31	0 8	21 8	1 26	18 39	15 14	6 26	7 5	7 47	11 3	6 18
F 6	12 44	15 27	3 2	19 55	0 20	18 30	4 30	25 41	4 7	20 50	0 49	3 57	2 28	23 31	0 8	21 8	1 25	18 38	15 14	6 26	7 4	7 45	11 2	6 18
S 7	12 23	17 24	3 53	19 53	0 9	18 31	4 24	25 41	4 5	20 51	0 49	3 59	2 28	23 31	0 8	21 8	1 25	18 38	15 14	6 26	7 3	7 43	11 1	6 18
S 8	12 2	18 28	4 34	19 49	0s 1	18 33	4 18	25 41	4 4	20 52	0 49	4 1	2 28	23 31	0 8	21 8	1 25	18 37	15 14	6 25	7 2	7 42	10 59	6 18
M 9	11 41	18 28	5 0	19 44	0 10	18 34	4 12	25 41	4 2	20 53	0 49	4 3	2 28	23 31	0 8	21 8	1 25	18 36	15 14	6 24	7 1	7 40	10 58	6 18
T 10	11 20	17 18	5 9	19 38	0 20	18 34	4 6	25 41	4 0	20 54	0 49	4 4	2 28	23 31	0 8	21 8	1 25	18 35	15 14	6 22	6 59	7 38	10 57	6 19
W11	10 59	14 58	4 57	19 31	0 29	18 34	4 0	25 40	3 58	20 55	0 49	4 6	2 28	23 31	0 8	21 8	1 25	18 35	15 14	6 19	6 58	7 36	10 55	6 19
T 12	10 37	11 34	4 25	19 22	0 38	18 34	3 54	25 39	3 56	20 56	0 49	4 8	2 29	23 31	0 8	21 8	1 25	18 34	15 14	6 16	6 57	7 35	10 54	6 19
F 13	10 15	7 21	3 33	19 12	0 46	18 34	3 48	25 38	3 54	20 56	0 49	4 10	2 29	23 32	0 8	21 8	1 25	18 33	15 13	6 14	6 56	7 33	10 53	6 19
S 14	9 53	2 40	2 27	19 0	0 54	18 33	3 42	25 37	3 53	20 57	0 49	4 11	2 29	23 32	0 8	21 8	1 25	18 33	15 13	6 12	6 55	7 31	10 51	6 19
S 15	9 31	2s 8	1 10	18 48	1 2	18 32	3 36	25 36	3 51	20 58	0 49	4 13	2 29	23 32	0 8	21 8	1 25	18 32	15 13	6 11	6 53	7 29	10 50	6 19
M16	9 9	6 42	0n 9	18 34	1 9	18 30	3 30	25 35	3 49	20 59	0 50	4 15	2 29	23 32	0 8	21 8	1 25	18 32	15 13	6 11	6 52	7 27	10 49	6 19
T 17	8 47	10 45	1 26	18 18	1 16	18 28	3 24	25 33	3 47	21 0	0 50	4 17	2 29	23 32	0 8	21 8	1 25	18 31	15 13	6 11	6 51	7 26	10 47	6 19
W18	8 24	14 3	2 36	18 2	1 23	18 25	3 17	25 32	3 45	21 0	0 50	4 19	2 29	23 32	0 8	21 8	1 25	18 30	15 13	6 12	6 50	7 24	10 46	6 20
T 19	8 2	16 29	3 34	17 44	1 29	18 22	3 11	25 30	3 43	21 1	0 50	4 21	2 30	23 32	0 8	21 8	1 25	18 30	15 13	6 12	6 48	7 22	10 45	6 20
F 20	7 39	17 59	4 20	17 24	1 35	18 19	3 5	25 28	3 41	21 2	0 50	4 23	2 30	23 32	0 8	21 8	1 25	18 29	15 13	6 13	6 47	7 20	10 44	6 20
S 21	7 16	18 32	4 51	17 3	1 41	18 15	2 59	25 26	3 39	21 2	0 50	4 25	2 30	23 32	0 8	21 8	1 25	18 28	15 13	6 12	6 46	7 18	10 42	6 20
S 22	6 53	18 10	5 9	16 41	1 46	18 10	2 53	25 24	3 37	21 3	0 50	4 26	2 30	23 32	0 8	21 8	1 25	18 28	15 13	6 11	6 45	7 17	10 41	6 20
M23	6 30	16 59	5 12	16 18	1 50	18 5	2 47	25 22	3 35	21 4	0 50	4 28	2 30	23 32	0 8	21 9	1 25	18 27	15 13	6 10	6 44	7 15	10 40	6 20
T 24	6 7	15 4	5 1	15 53	1 55	18 0	2 40	25 19	3 33	21 4	0 50	4 30	2 30	23 32	0 8	21 9	1 24	18 26	15 13	6 8	6 42	7 13	10 38	6 20
W25	5 44	12 31	4 37	15 27	1 59	17 54	2 34	25 17	3 31	21 5	0 50	4 32	2 30	23 32	0 8	21 9	1 24	18 26	15 13	6 6	6 41	7 11	10 37	6 21
T 26	5 21	9 28	4 2	15 0	2 2	17 48	2 28	25 14	3 29	21 5	0 50	4 34	2 30	23 32	0 8	21 9	1 24	18 25	15 13	6 3	6 40	7 10	10 36	6 21
F 27	4 57	6 3	3 16	14 31	2 5	17 41	2 22	25 12	3 27	21 6	0 50	4 36	2 30	23 33	0 8	21 9	1 24	18 25	15 13	6 2	6 39	7 8	10 34	6 21
S 28	4 34	2 23	2 21	14 1	2 8	17 34	2 16	25 9	3 25	21 6	0 50	4 38	2 31	23 33	0 8	21 9	1 24	18 24	15 13	6 0	6 37	7 6	10 33	6 21
S 29	4s11	1n23	1n20	13s30	2s11	17s26	2n10	25n 6	3n23	21s 6	0n50	4n40	2n31	23s33	0s 8	21n 9	1s24	18s23	15s13	5s59	6s36	7s 4	10s32	6n21

Julian Day Number = 2293800.5, Delta T = 142.29 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'47, Lahiri = 17°49'48 Julian Calendar 1 Feb. 1568 == Greg. Calendar 11 Feb. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

MARCH 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 14 25	20♓28'05	12♈21	1♓41	3♒56	21♋40	9♐38	23°R59	25♐12	14♊ 8	18♓49	15°D 9	16♎43	3♓13	14♒13	M 1
T 2	11 18 21	21°27'46	24°25	3°19	4°57	21°47	9°41	23♍54	25°13	14° 8	18°51	15♎10	16°40	3°20	14°17	T 2
W 3	11 22 18	22°27'25	6♉39	4°57	5°59	21°54	9°43	23°50	25°14	14° 9	18°52	15°11	16°36	3°26	14°21	W 3
T 4	11 26 14	23°27'01	19° 5	6°37	7° 1	22° 3	9°46	23°45	25°15	14°10	18°54	15°12	16°33	3°33	14°25	T 4
F 5	11 30 11	24°26'36	1♊46	8°18	8° 3	22°12	9°48	23°40	25°16	14°10	18°55	15°14	16°30	3°40	14°28	F 5
S 6	11 34 8	25°26'08	14°46	10° 1	9° 6	22°21	9°50	23°35	25°17	14°11	18°57	15°15	16°27	3°46	14°32	S 6
S 7	11 38 4	26°25'38	28° 8	11°44	10° 9	22°31	9°52	23°31	25°17	14°12	18°58	15°R15	16°24	3°53	14°36	S 7
M 8	11 42 1	27°25'05	11♋53	13°29	11°12	22°42	9°54	23°26	25°18	14°13	19° 0	15°15	16°21	4° 0	14°40	M 8
T 9	11 45 57	28°24'30	26° 3	15°16	12°15	22°53	9°55	23°21	25°19	14°13	19° 1	15°13	16°17	4° 6	14°43	T 9
W10	11 49 54	29°23'53	10♌35	17° 3	13°18	23° 5	9°56	23°17	25°19	14°14	19° 3	15°12	16°14	4°13	14°47	W10
T 11	11 53 50	0♈23'14	25°27	18°52	14°22	23°17	9°58	23°12	25°20	14°15	19° 5	15°10	16°11	4°20	14°50	T 11
F 12	11 57 47	1°22'32	10♍30	20°42	15°26	23°30	9°59	23° 7	25°20	14°16	19° 6	15° 8	16° 8	4°27	14°54	F 12
S 13	12 1 43	2°21'48	25°37	22°34	16°31	23°43	9°59	23° 3	25°21	14°17	19° 8	15° 7	16° 5	4°33	14°57	S 13
S 14	12 5 40	3°21'01	10♎38	24°27	17°35	23°57	10° 0	22°58	25°21	14°18	19° 9	15°D 6	16° 2	4°40	15° 1	S 14
M15	12 9 36	4°20'13	25°24	26°21	18°40	24°11	10° 0	22°54	25°21	14°19	19°11	15° 6	15°58	4°47	15° 4	M15
T 16	12 13 33	5°19'23	9♏50	28°17	19°45	24°26	10° 1	22°49	25°22	14°20	19°12	15° 7	15°55	4°53	15° 7	T 16
W17	12 17 30	6°18'31	23°51	0♈14	20°50	24°41	10°R 1	22°44	25°22	14°21	19°14	15° 8	15°52	5° 0	15°11	W17
T 18	12 21 26	7°17'37	7♐25	2°12	21°55	24°56	10° 1	22°40	25°22	14°22	19°15	15° 9	15°49	5° 7	15°14	T 18
F 19	12 25 23	8°16'42	20°33	4°12	23° 1	25°12	10° 0	22°35	25°22	14°23	19°17	15° 9	15°46	5°13	15°17	F 19
S 20	12 29 19	9°15'45	3♑17	6°12	24° 7	25°29	10° 0	22°31	25°R22	14°24	19°18	15° 9	15°42	5°20	15°20	S 20
S 21	12 33 16	10°14'45	15°42	8°14	25°12	25°46	9°59	22°27	25°22	14°25	19°19	15°R10	15°39	5°27	15°23	S 21
M22	12 37 12	11°13'45	27°51	10°17	26°19	26° 3	9°58	22°22	25°22	14°26	19°21	15° 9	15°36	5°33	15°26	M22
T 23	12 41 9	12°12'42	9♒50	12°21	27°25	26°21	9°57	22°18	25°22	14°28	19°22	15° 9	15°33	5°40	15°29	T 23
W24	12 45 5	13°11'37	21°41	14°25	28°31	26°39	9°56	22°14	25°22	14°29	19°24	15° 9	15°30	5°47	15°32	W24
T 25	12 49 2	14°10'31	3♓30	16°31	29°38	26°58	9°54	22°10	25°21	14°30	19°25	15° 9	15°27	5°53	15°35	T 25
F 26	12 52 59	15° 9'23	15°19	18°37	0♓45	27°17	9°53	22° 5	25°21	14°31	19°27	15°D 8	15°23	6° 0	15°38	F 26
S 27	12 56 55	16° 8'13	27°12	20°43	1°51	27°36	9°51	22° 1	25°21	14°33	19°28	15° 9	15°20	6° 7	15°41	S 27
S 28	13 0 52	17° 7'01	9♈12	22°49	2°58	27°56	9°49	21°57	25°20	14°34	19°29	15°R 9	15°17	6°13	15°44	S 28
M29	13 4 48	18° 5'47	21°19	24°54	4° 6	28°16	9°47	21°53	25°20	14°36	19°31	15° 9	15°14	6°20	15°46	M29
T 30	13 8 45	19° 4'31	3♉37	27° 0	5°13	28°36	9°44	21°49	25°20	14°37	19°32	15° 8	15°11	6°27	15°49	T 30
W31	13 12 41	20♈ 3'13	16♉ 7	29♈ 4	6♓20	28♋57	9♐42	21♍45	25♐19	14♊38	19♓34	15♎ 8	15♎ 8	6♓33	15♒52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s47	5n 8	0n15	12s57	2s12	17s18	2n 4	25n 3	3n21	21s 7	0n50	4n42	2n31	23s33	0s 8	21n 9	1s24	18s23	15s13	5s59	6s35	7s 2	10s30	6n22
T 2	3 24	8 42	0s51	12 24	2 14	17 10	1 58	25 0	3 19	21 7	0 51	4 44	2 31	23 33	0 8	21 9	1 24	18 22	15 13	5 59	6 34	7 1	10 29	6 22
W 3	3 0	11 56	1 56	11 48	2 15	17 0	1 52	24 57	3 17	21 7	0 51	4 46	2 31	23 33	0 8	21 10	1 24	18 22	15 13	5 59	6 33	6 59	10 28	6 22
T 4	2 36	14 42	2 56	11 12	2 15	16 51	1 46	24 54	3 15	21 8	0 51	4 48	2 31	23 33	0 8	21 10	1 24	18 21	15 13	6 0	6 31	6 57	10 27	6 22
F 5	2 13	16 49	3 50	10 34	2 16	16 41	1 41	24 50	3 13	21 8	0 51	4 50	2 31	23 33	0 8	21 10	1 24	18 20	15 13	6 1	6 30	6 55	10 25	6 22
S 6	1 49	18 6	4 33	9 55	2 15	16 30	1 35	24 47	3 11	21 8	0 51	4 52	2 31	23 33	0 8	21 10	1 24	18 20	15 13	6 1	6 29	6 53	10 24	6 23
S 7	1 25	18 27	5 2	9 15	2 14	16 19	1 29	24 43	3 9	21 9	0 51	4 53	2 31	23 33	0 8	21 10	1 24	18 19	15 13	6 1	6 28	6 52	10 23	6 23
M 8	1 2	17 43	5 16	8 33	2 13	16 7	1 23	24 40	3 8	21 9	0 51	4 55	2 31	23 33	0 8	21 10	1 24	18 19	15 13	6 1	6 26	6 50	10 21	6 23
T 9	0 38	15 54	5 11	7 50	2 11	15 55	1 18	24 36	3 6	21 9	0 51	4 57	2 31	23 33	0 9	21 10	1 24	18 18	15 13	6 1	6 25	6 48	10 20	6 23
W10	0 14	13 2	4 46	7 6	2 9	15 43	1 12	24 32	3 4	21 9	0 51	4 59	2 31	23 33	0 9	21 10	1 24	18 18	15 14	6 0	6 24	6 46	10 19	6 24
T 11	0n 9	9 16	4 2	6 21	2 6	15 30	1 7	24 28	3 2	21 9	0 51	5 1	2 31	23 33	0 9	21 11	1 24	18 17	15 14	5 59	6 23	6 44	10 18	6 24
F 12	0 33	4 52	3 0	5 35	2 3	15 16	1 1	24 24	3 0	21 9	0 51	5 3	2 31	23 33	0 9	21 11	1 24	18 17	15 14	5 58	6 22	6 43	10 16	6 24
S 13	0 57	0 8	1 46	4 47	1 59	15 2	0 56	24 20	2 58	21 9	0 51	5 5	2 31	23 33	0 9	21 11	1 23	18 16	15 14	5 58	6 20	6 41	10 15	6 24
S 14	1 20	4s36	0 25	3 58	1 55	14 48	0 50	24 16	2 56	21 9	0 51	5 6	2 31	23 33	0 9	21 11	1 23	18 16	15 14	5 58	6 19	6 39	10 14	6 25
M15	1 44	8 58	0n57	3 8	1 50	14 33	0 45	24 11	2 55	21 9	0 51	5 8	2 31	23 33	0 9	21 11	1 23	18 15	15 14	5 58	6 18	6 37	10 13	6 25
T 16	2 7	12 41	2 13	2 17	1 45	14 18	0 40	24 7	2 53	21 9	0 51	5 10	2 31	23 33	0 9	21 11	1 23	18 15	15 14	5 58	6 17	6 35	10 11	6 25
W17	2 31	15 34	3 19	1 25	1 39	14 2	0 35	24 2	2 51	21 9	0 51	5 12	2 31	23 33	0 9	21 12	1 23	18 14	15 14	5 58	6 15	6 34	10 10	6 26
T 18	2 54	17 28	4 11	0 32	1 33	13 46	0 30	23 58	2 49	21 9	0 51	5 14	2 31	23 33	0 9	21 12	1 23	18 14	15 14	5 59	6 14	6 32	10 9	6 26
F 19	3 17	18 21	4 49	0n21	1 26	13 29	0 25	23 53	2 48	21 9	0 52	5 15	2 31	23 33	0 9	21 12	1 23	18 13	15 14	5 59	6 13	6 30	10 8	6 26
S 20	3 41	18 16	5 11	1 16	1 19	13 12	0 20	23 48	2 46	21 9	0 52	5 17	2 31	23 33	0 9	21 12	1 23	18 13	15 15	5 59	6 12	6 28	10 7	6 27
S 21	4 4	17 19	5 18	2 11	1 11	12 55	0 15	23 44	2 44	21 9	0 52	5 19	2 31	23 33	0 9	21 12	1 23	18 12	15 15	5 59	6 11	6 26	10 5	6 27
M22	4 27	15 34	5 10	3 8	1 2	12 37	0 10	23 39	2 42	21 9	0 52	5 20	2 31	23 33	0 9	21 13	1 23	18 12	15 15	5 59	6 9	6 25	10 4	6 27
T 23	4 50	13 11	4 49	4 4	0 53	12 19	0 5	23 34	2 41	21 8	0 52	5 22	2 31	23 33	0 9	21 13	1 23	18 11	15 15	5 59	6 8	6 23	10 3	6 27
W24	5 13	10 17	4 15	5 1	0 44	12 0	0 1	23 28	2 39	21 8	0 52	5 24	2 31	23 33	0 9	21 13	1 23	18 11	15 15	5 59	6 7	6 21	10 2	6 28
T 25	5 36	6 58	3 31	5 59	0 35	11 41	0s 4	23 23	2 37	21 8	0 52	5 25	2 31	23 33	0 9	21 13	1 23	18 11	15 15	5 59	6 6	6 19	10 1	6 28
F 26	5 59	3 22	2 38	6 56	0 24	11 22	0 9	23 18	2 36	21 8	0 52	5 27	2 31	23 33	0 9	21 13	1 23	18 10	15 15	5 59	6 4	6 17	10 0	6 28
S 27	6 22	0n23	1 38	7 53	0 14	11 2	0 13	23 12	2 34	21 7	0 52	5 29	2 31	23 33	0 9	21 13	1 23	18 10	15 16	5 59	6 3	6 16	9 59	6 29
S 28	6 44	4 9	0 33	8 50	0 3	10 42	0 17	23 7	2 33	21 7	0 52	5 30	2 30	23 33	0 9	21 14	1 23	18 9	15 16	5 59	6 2	6 14	9 57	6 29
M29	7 7	7 48	0s34	9 47	0n 7	10 22	0 22	23 1	2 31	21 7	0 52	5 32	2 30	23 33	0 9	21 14	1 23	18 9	15 16	5 59	6 1	6 12	9 56	6 29
T 30	7 29	11 10	1 41	10 43	0 18	10 1	0 26	22 55	2 29	21 6	0 52	5 33	2 30	23 33	0 9	21 14	1 23	18 9	15 16	5 59	5 59	6 10	9 55	6 30
W31	7n51	14n 5	2s44	11n38	0n29	9s40	0s30	22n50	2n28	21s 6	0n52	5n35	2n30	23s33	0s 9	21n14	1s23	18s 8	15s16	5s58	5s58	6s 8	9s54	6n30

Julian Day Number = 2293829.5, Delta T = 142.13 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'51, Lahiri = 17°49'52 Julian Calendar 1 March 1568 == Greg. Calendar 11 March 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

APRIL 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 16 38	21♈ 1'52	28♉49	1♉ 7	7♓28	29♋18	9°R39	21°R42	25°R19	14♊40	19♓35	15°R 7	15♎ 4	6♓40	15♒54	T 1
F 2	13 20 34	22° 0'30	11♊45	3° 9	8°35	29°39	9♐36	21♍38	25♐18	14°41	19°36	15♎ 7	15° 1	6°47	15°57	F 2
S 3	13 24 31	22°59'06	24°56	5° 9	9°43	0♌ 1	9°33	21°34	25°17	14°43	19°38	15° 6	14°58	6°53	15°59	S 3
S 4	13 28 28	23°57'40	8♋23	7° 6	10°51	0°23	9°30	21°31	25°17	14°44	19°39	15° 5	14°55	7° 0	16° 2	S 4
M 5	13 32 24	24°56'11	22° 7	9° 1	11°59	0°45	9°26	21°27	25°16	14°46	19°40	15°D 5	14°52	7° 7	16° 4	M 5
T 6	13 36 21	25°54'40	6♌ 8	10°53	13° 7	1° 8	9°23	21°24	25°15	14°48	19°42	15° 5	14°48	7°13	16° 6	T 6
W 7	13 40 17	26°53'07	20°24	12°43	14°15	1°31	9°19	21°20	25°14	14°49	19°43	15° 5	14°45	7°20	16° 8	W 7
T 8	13 44 14	27°51'31	4♍53	14°28	15°24	1°54	9°15	21°17	25°13	14°51	19°44	15° 6	14°42	7°27	16°10	T 8
F 9	13 48 10	28°49'54	19°32	16°11	16°32	2°18	9°11	21°14	25°12	14°52	19°45	15° 7	14°39	7°33	16°13	F 9
S 10	13 52 7	29°48'14	4♎16	17°49	17°40	2°42	9° 6	21°10	25°11	14°54	19°47	15° 8	14°36	7°40	16°15	S 10
S 11	13 56 3	0♉46'32	18°58	19°24	18°49	3° 6	9° 2	21° 7	25°10	14°56	19°48	15°R 8	14°33	7°47	16°17	S 11
M12	14 0 0	1°44'49	3♏31	20°55	19°58	3°30	8°57	21° 4	25° 9	14°58	19°49	15° 8	14°29	7°53	16°18	M12
T 13	14 3 56	2°43'04	17°49	22°21	21° 6	3°54	8°53	21° 1	25° 8	14°59	19°50	15° 6	14°26	8° 0	16°20	T 13
W14	14 7 53	3°41'17	1♐48	23°44	22°15	4°19	8°48	20°59	25° 7	15° 1	19°51	15° 4	14°23	8° 7	16°22	W14
T 15	14 11 50	4°39'28	15°24	25° 2	23°24	4°44	8°43	20°56	25° 6	15° 3	19°53	15° 1	14°20	8°13	16°24	T 15
F 16	14 15 46	5°37'38	28°36	26°15	24°33	5°10	8°38	20°53	25° 4	15° 5	19°54	14°58	14°17	8°20	16°25	F 16
S 17	14 19 43	6°35'47	11♑25	27°24	25°42	5°35	8°32	20°51	25° 3	15° 6	19°55	14°56	14°13	8°27	16°27	S 17
S 18	14 23 39	7°33'54	23°54	28°28	26°52	6° 1	8°27	20°48	25° 2	15° 8	19°56	14°54	14°10	8°33	16°29	S 18
M19	14 27 36	8°31'59	6♒ 5	29°28	28° 1	6°27	8°21	20°46	25° 0	15°10	19°57	14°D54	14° 7	8°40	16°30	M19
T 20	14 31 32	9°30'03	18° 5	0♊23	29°10	6°53	8°15	20°43	24°59	15°12	19°58	14°54	14° 4	8°47	16°32	T 20
W21	14 35 29	10°28'06	29°56	1°13	0♈20	7°20	8°10	20°41	24°57	15°14	19°59	14°55	14° 1	8°54	16°33	W21
T 22	14 39 25	11°26'07	11♓46	1°58	1°29	7°46	8° 4	20°39	24°56	15°16	20° 0	14°57	13°58	9° 0	16°34	T 22
F 23	14 43 22	12°24'07	23°37	2°38	2°39	8°13	7°58	20°37	24°54	15°18	20° 1	14°58	13°54	9° 7	16°35	F 23
S 24	14 47 19	13°22'05	5♈34	3°13	3°48	8°40	7°51	20°35	24°53	15°20	20° 2	15° 0	13°51	9°14	16°37	S 24
S 25	14 51 15	14°20'02	17°41	3°44	4°58	9° 7	7°45	20°33	24°51	15°22	20° 3	15°R 0	13°48	9°20	16°38	S 25
M26	14 55 12	15°17'58	29°59	4° 9	6° 8	9°35	7°38	20°31	24°49	15°24	20° 4	14°59	13°45	9°27	16°39	M26
T 27	14 59 8	16°15'52	12♉33	4°29	7°18	10° 3	7°32	20°30	24°48	15°26	20° 5	14°56	13°42	9°34	16°40	T 27
W28	15 3 5	17°13'45	25°22	4°44	8°28	10°30	7°25	20°28	24°46	15°28	20° 6	14°53	13°39	9°40	16°41	W28
T 29	15 7 1	18°11'36	8♊27	4°55	9°38	10°59	7°18	20°27	24°44	15°30	20° 7	14°48	13°35	9°47	16°41	T 29
F 30	15 10 58	19♉ 9'25	21♊45	5♊ 0	10♈48	11♌27	7♐12	20♍25	24♐42	15♊32	20♓ 8	14♎42	13♎32	9♓54	16♒42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n13	16n22	3s40	12n31	0n41	9s19	0s34	22n44	2n26	21s 5	0n52	5n36	2n30	23s33	0s 9	21n15	1s23	18s 8	15s17	5s58	5s57	6s 7	9s53	6n30
F 2	8 35	17 52	4 25	13 24	0 52	8 57	0 38	22 38	2 25	21 5	0 52	5 37	2 30	23 33	0 9	21 15	1 23	18 7	15 17	5 58	5 56	6 5	9 52	6 31
S 3	8 57	18 26	4 58	14 15	1 2	8 35	0 41	22 31	2 23	21 4	0 52	5 39	2 30	23 33	0 9	21 15	1 22	18 7	15 17	5 58	5 55	6 3	9 51	6 31
S 4	9 19	17 59	5 15	15 4	1 13	8 13	0 45	22 25	2 22	21 4	0 52	5 40	2 30	23 33	0 9	21 15	1 22	18 7	15 17	5 57	5 53	6 1	9 50	6 32
M 5	9 41	16 30	5 15	15 51	1 23	7 50	0 49	22 19	2 20	21 3	0 52	5 41	2 30	23 33	0 9	21 15	1 22	18 6	15 17	5 57	5 52	5 59	9 49	6 32
T 6	10 2	14 0	4 56	16 36	1 33	7 27	0 52	22 12	2 19	21 3	0 52	5 43	2 30	23 33	0 9	21 16	1 22	18 6	15 18	5 57	5 51	5 57	9 48	6 32
W 7	10 23	10 37	4 19	17 19	1 43	7 4	0 56	22 6	2 17	21 2	0 52	5 44	2 29	23 33	0 9	21 16	1 22	18 6	15 18	5 57	5 50	5 56	9 47	6 33
T 8	10 44	6 33	3 25	18 0	1 52	6 41	0 59	21 59	2 16	21 2	0 52	5 45	2 29	23 33	0 9	21 16	1 22	18 5	15 18	5 58	5 48	5 54	9 46	6 33
F 9	11 5	2 3	2 17	18 38	2 0	6 17	1 2	21 52	2 14	21 1	0 52	5 46	2 29	23 33	0 9	21 16	1 22	18 5	15 18	5 58	5 47	5 52	9 45	6 33
S 10	11 26	2s37	1 0	19 13	2 8	5 53	1 6	21 45	2 13	21 0	0 52	5 47	2 29	23 33	0 9	21 16	1 22	18 5	15 19	5 58	5 46	5 50	9 44	6 34
S 11	11 46	7 7	0n21	19 46	2 14	5 29	1 9	21 39	2 12	21 0	0 52	5 48	2 29	23 33	0 9	21 17	1 22	18 5	15 19	5 59	5 45	5 48	9 43	6 34
M12	12 6	11 9	1 40	20 17	2 21	5 5	1 12	21 31	2 10	20 59	0 52	5 50	2 29	23 33	0 9	21 17	1 22	18 4	15 19	5 58	5 43	5 47	9 42	6 35
T 13	12 27	14 27	2 51	20 45	2 26	4 40	1 14	21 24	2 9	20 58	0 52	5 51	2 29	23 33	0 9	21 17	1 22	18 4	15 19	5 58	5 42	5 45	9 41	6 35
W14	12 46	16 49	3 50	21 10	2 31	4 16	1 17	21 17	2 7	20 57	0 52	5 52	2 29	23 33	0 9	21 17	1 22	18 4	15 20	5 57	5 41	5 43	9 40	6 35
T 15	13 6	18 9	4 34	21 33	2 34	3 51	1 20	21 10	2 6	20 57	0 52	5 53	2 28	23 33	0 9	21 18	1 22	18 4	15 20	5 56	5 40	5 41	9 39	6 36
F 16	13 26	18 27	5 3	21 54	2 37	3 26	1 22	21 2	2 5	20 56	0 52	5 53	2 28	23 33	0 9	21 18	1 22	18 3	15 20	5 55	5 39	5 39	9 39	6 36
S 17	13 45	17 46	5 15	22 12	2 39	3 1	1 25	20 54	2 3	20 55	0 52	5 54	2 28	23 33	0 9	21 18	1 22	18 3	15 20	5 54	5 37	5 38	9 38	6 36
S 18	14 4	16 16	5 11	22 27	2 39	2 35	1 27	20 47	2 2	20 54	0 52	5 55	2 28	23 33	0 9	21 18	1 22	18 3	15 21	5 53	5 36	5 36	9 37	6 37
M19	14 23	14 2	4 54	22 40	2 39	2 10	1 30	20 39	2 1	20 53	0 52	5 56	2 28	23 33	0 9	21 19	1 22	18 3	15 21	5 53	5 35	5 34	9 36	6 37
T 20	14 41	11 15	4 24	22 51	2 38	1 44	1 32	20 31	1 59	20 52	0 52	5 57	2 28	23 33	0 9	21 19	1 22	18 3	15 21	5 53	5 34	5 32	9 35	6 38
W21	15 0	8 2	3 43	22 59	2 36	1 18	1 34	20 23	1 58	20 51	0 52	5 57	2 27	23 33	0 9	21 19	1 22	18 2	15 21	5 53	5 32	5 30	9 35	6 38
T 22	15 18	4 30	2 53	23 5	2 33	0 52	1 36	20 15	1 57	20 51	0 52	5 58	2 27	23 33	0 9	21 19	1 22	18 2	15 22	5 54	5 31	5 28	9 34	6 39
F 23	15 36	0 47	1 55	23 9	2 28	0 27	1 38	20 7	1 55	20 50	0 52	5 59	2 27	23 33	0 9	21 20	1 22	18 2	15 22	5 55	5 30	5 27	9 33	6 39
S 24	15 53	3n 0	0 52	23 11	2 23	0 0	1 40	19 58	1 54	20 49	0 52	5 59	2 27	23 33	0 9	21 20	1 22	18 2	15 22	5 55	5 29	5 25	9 32	6 39
S 25	16 11	6 44	0s15	23 10	2 16	0n26	1 41	19 50	1 53	20 48	0 52	6 0	2 27	23 33	0 9	21 20	1 22	18 2	15 23	5 55	5 27	5 23	9 32	6 40
M26	16 28	10 14	1 21	23 8	2 9	0 52	1 43	19 41	1 52	20 47	0 52	6 0	2 27	23 33	0 9	21 20	1 22	18 2	15 23	5 55	5 26	5 21	9 31	6 40
T 27	16 44	13 20	2 25	23 3	2 0	1 18	1 45	19 32	1 50	20 46	0 52	6 1	2 26	23 33	0 9	21 21	1 22	18 2	15 23	5 54	5 25	5 19	9 30	6 41
W28	17 1	15 52	3 23	22 56	1 50	1 44	1 46	19 24	1 49	20 45	0 52	6 1	2 26	23 33	0 9	21 21	1 22	18 2	15 23	5 52	5 24	5 18	9 30	6 41
T 29	17 17	17 37	4 11	22 47	1 39	2 11	1 47	19 15	1 48	20 44	0 52	6 2	2 26	23 33	0 9	21 21	1 22	18 1	15 24	5 51	5 22	5 16	9 29	6 41
F 30	17n33	18n28	4s47	22n37	1n27	2n37	1s49	19n 6	1n47	20s42	0n52	6n 2	2n26	23s33	0s 9	21n21	1s22	18s 1	15s24	5s48	5s21	5s14	9s28	6n42

Julian Day Number = 2293860.5, Delta T = 141.97 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°42'56, Lahiri = 17°49'56 Julian Calendar 1 Apr. 1568 == Greg. Calendar 11 Apr. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

MAY 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 14 54	20♉ 7'14	5♋17	5°R 0	11♈58	11♌55	7°R 5	20°R24	24°R41	15♊34	20♓ 9	14°R37	13♎29	10♓ 0	16♒43	S 1
S 2	15 18 51	21° 5'00	19° 1	4♊56	13° 8	12°24	6♐58	20♍23	24♐39	15°36	20°10	14♎32	13°26	10° 7	16°44	S 2
M 3	15 22 48	22° 2'45	2♌54	4°47	14°18	12°53	6°51	20°22	24°37	15°38	20°11	14°29	13°23	10°14	16°44	M 3
T 4	15 26 44	23° 0'28	16°56	4°34	15°28	13°22	6°43	20°21	24°35	15°40	20°12	14°D28	13°19	10°20	16°45	T 4
W 5	15 30 41	23°58'09	1♍ 4	4°17	16°39	13°51	6°36	20°20	24°33	15°42	20°12	14°28	13°16	10°27	16°45	W 5
T 6	15 34 37	24°55'49	15°18	3°55	17°49	14°20	6°29	20°19	24°31	15°44	20°13	14°29	13°13	10°34	16°46	T 6
F 7	15 38 34	25°53'27	29°35	3°31	18°59	14°49	6°22	20°19	24°29	15°46	20°14	14°30	13°10	10°40	16°46	F 7
S 8	15 42 30	26°51'04	13♎53	3° 4	20°10	15°19	6°14	20°18	24°27	15°49	20°15	14°R31	13° 7	10°47	16°46	S 8
S 9	15 46 27	27°48'39	28° 8	2°34	21°20	15°49	6° 7	20°17	24°25	15°51	20°15	14°30	13° 4	10°54	16°46	S 9
M10	15 50 23	28°46'13	12♏17	2° 3	22°31	16°19	5°59	20°17	24°23	15°53	20°16	14°27	13° 0	11° 0	16°46	M10
T 11	15 54 20	29°43'45	26°16	1°30	23°41	16°49	5°52	20°17	24°21	15°55	20°17	14°23	12°57	11° 7	16°47	T 11
W12	15 58 17	0♊41'17	10♐ 0	0°56	24°52	17°19	5°44	20°17	24°18	15°57	20°18	14°16	12°54	11°14	16°R47	W12
T 13	16 2 13	1°38'47	23°27	0°22	26° 3	17°49	5°36	20°D17	24°16	15°59	20°18	14° 8	12°51	11°20	16°46	T 13
F 14	16 6 10	2°36'16	6♑34	29♉49	27°13	18°20	5°29	20°17	24°14	16° 1	20°19	14° 0	12°48	11°27	16°46	F 14
S 15	16 10 6	3°33'45	19°21	29°16	28°24	18°51	5°21	20°17	24°12	16° 4	20°19	13°53	12°45	11°34	16°46	S 15
S 16	16 14 3	4°31'12	1♒50	28°45	29°35	19°21	5°14	20°17	24°10	16° 6	20°20	13°46	12°41	11°40	16°46	S 16
M17	16 17 59	5°28'39	14° 2	28°16	0♉46	19°52	5° 6	20°18	24° 7	16° 8	20°21	13°42	12°38	11°47	16°46	M17
T 18	16 21 56	6°26'05	26° 2	27°50	1°57	20°23	4°58	20°18	24° 5	16°10	20°21	13°40	12°35	11°54	16°45	T 18
W19	16 25 52	7°23'30	7♓54	27°26	3° 8	20°54	4°51	20°19	24° 3	16°13	20°22	13°D39	12°32	12° 0	16°45	W19
T 20	16 29 49	8°20'55	19°44	27° 6	4°19	21°26	4°43	20°19	24° 0	16°15	20°22	13°39	12°29	12° 7	16°44	T 20
F 21	16 33 46	9°18'19	1♈36	26°50	5°30	21°57	4°35	20°20	23°58	16°17	20°23	13°40	12°25	12°14	16°44	F 21
S 22	16 37 42	10°15'42	13°36	26°37	6°41	22°29	4°28	20°21	23°56	16°19	20°23	13°R41	12°22	12°20	16°43	S 22
S 23	16 41 39	11°13'05	25°48	26°29	7°52	23° 1	4°20	20°22	23°53	16°21	20°23	13°40	12°19	12°27	16°42	S 23
M24	16 45 35	12°10'27	8♉16	26°D25	9° 3	23°32	4°13	20°23	23°51	16°24	20°24	13°37	12°16	12°34	16°41	M24
T 25	16 49 32	13° 7'49	21° 3	26°25	10°14	24° 4	4° 5	20°24	23°49	16°26	20°24	13°32	12°13	12°40	16°41	T 25
W26	16 53 28	14° 5'10	4♊11	26°30	11°25	24°36	3°58	20°25	23°46	16°28	20°25	13°25	12°10	12°47	16°40	W26
T 27	16 57 25	15° 2'30	17°38	26°39	12°37	25° 9	3°50	20°27	23°44	16°30	20°25	13°16	12° 6	12°54	16°39	T 27
F 28	17 1 21	15°59'49	1♋22	26°53	13°48	25°41	3°43	20°28	23°41	16°33	20°25	13° 6	12° 3	13° 0	16°38	F 28
S 29	17 5 18	16°57'08	15°20	27°11	14°59	26°13	3°36	20°30	23°39	16°35	20°26	12°56	12° 0	13° 7	16°37	S 29
S 30	17 9 15	17°54'26	29°27	27°34	16°11	26°46	3°28	20°31	23°37	16°37	20°26	12°47	11°57	13°14	16°36	S 30
M31	17 13 11	18♊51'44	13♌40	28♉ 2	17♉22	27♌19	3♐21	20♍33	23♐34	16♊39	20♓26	12♎41	11♎54	13♓20	16♒34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n49	18n16	5s 7	22n24	1n15	3n 3	1s50	18n57	1n46	20s41	0n52	6n 3	2n26	23s32	0s 9	21n22	1s21	18s 1	15s24	5s46	5s20	5s12	9s28	6n42
S 2	18 4	17 1	5 10	22 10	1 1	3 30	1 51	18 47	1 44	20 40	0 52	6 3	2 25	23 32	0 9	21 22	1 21	18 1	15 25	5 45	5 19	5 10	9 27	6 43
M 3	18 19	14 45	4 55	21 54	0 46	3 56	1 52	18 38	1 43	20 39	0 52	6 3	2 25	23 32	0 9	21 22	1 21	18 1	15 25	5 43	5 18	5 8	9 27	6 43
T 4	18 34	11 37	4 23	21 36	0 31	4 22	1 53	18 29	1 42	20 38	0 52	6 3	2 25	23 32	0 9	21 22	1 21	18 1	15 25	5 43	5 16	5 7	9 26	6 43
W 5	18 48	7 47	3 34	21 17	0 15	4 49	1 53	18 19	1 41	20 37	0 52	6 3	2 25	23 32	0 9	21 23	1 21	18 1	15 26	5 43	5 15	5 5	9 25	6 44
T 6	19 3	3 28	2 32	20 57	0s 2	5 15	1 54	18 9	1 40	20 36	0 51	6 4	2 25	23 32	0 9	21 23	1 21	18 1	15 26	5 43	5 14	5 3	9 25	6 44
F 7	19 16	1s 4	1 20	20 36	0 19	5 41	1 55	18 0	1 39	20 34	0 51	6 4	2 24	23 32	0 9	21 23	1 21	18 1	15 26	5 44	5 13	5 1	9 24	6 45
S 8	19 30	5 32	0 3	20 14	0 36	6 7	1 55	17 50	1 38	20 33	0 51	6 4	2 24	23 32	0 9	21 23	1 21	18 1	15 27	5 44	5 11	4 59	9 24	6 45
S 9	19 43	9 42	1n13	19 51	0 54	6 33	1 56	17 40	1 36	20 32	0 51	6 4	2 24	23 32	0 9	21 23	1 21	18 1	15 27	5 44	5 10	4 57	9 24	6 46
M10	19 56	13 16	2 25	19 27	1 11	6 59	1 56	17 30	1 35	20 31	0 51	6 4	2 24	23 32	0 9	21 24	1 21	18 1	15 27	5 43	5 9	4 56	9 23	6 46
T 11	20 8	16 1	3 26	19 4	1 28	7 25	1 56	17 20	1 34	20 30	0 51	6 4	2 24	23 32	0 10	21 24	1 21	18 1	15 28	5 41	5 8	4 54	9 23	6 46
W12	20 20	17 48	4 15	18 40	1 45	7 51	1 56	17 9	1 33	20 28	0 51	6 3	2 23	23 32	0 10	21 24	1 21	18 1	15 28	5 38	5 6	4 52	9 22	6 47
T 13	20 32	18 32	4 48	18 17	2 2	8 16	1 56	16 59	1 32	20 27	0 51	6 3	2 23	23 32	0 10	21 24	1 21	18 1	15 28	5 35	5 5	4 50	9 22	6 47
F 14	20 44	18 15	5 5	17 55	2 18	8 42	1 56	16 48	1 31	20 26	0 51	6 3	2 23	23 32	0 10	21 25	1 21	18 1	15 29	5 32	5 4	4 48	9 22	6 48
S 15	20 55	17 2	5 6	17 33	2 33	9 7	1 56	16 38	1 30	20 25	0 51	6 3	2 23	23 31	0 10	21 25	1 21	18 2	15 29	5 29	5 3	4 47	9 21	6 48
S 16	21 6	15 2	4 53	17 12	2 47	9 32	1 56	16 27	1 29	20 23	0 51	6 2	2 23	23 31	0 10	21 25	1 21	18 2	15 29	5 27	5 1	4 45	9 21	6 48
M17	21 16	12 24	4 26	16 53	3 0	9 57	1 56	16 16	1 28	20 22	0 50	6 2	2 22	23 31	0 10	21 25	1 21	18 2	15 30	5 25	5 0	4 43	9 21	6 49
T 18	21 26	9 18	3 48	16 35	3 13	10 22	1 55	16 6	1 27	20 21	0 50	6 2	2 22	23 31	0 10	21 26	1 21	18 2	15 30	5 24	4 59	4 41	9 20	6 49
W19	21 36	5 50	3 0	16 19	3 24	10 47	1 55	15 55	1 26	20 20	0 50	6 1	2 22	23 31	0 10	21 26	1 21	18 2	15 31	5 24	4 58	4 39	9 20	6 50
T 20	21 45	2 9	2 5	16 5	3 34	11 11	1 54	15 43	1 25	20 18	0 50	6 1	2 22	23 31	0 10	21 26	1 21	18 2	15 31	5 24	4 56	4 37	9 20	6 50
F 21	21 54	1n37	1 5	15 53	3 42	11 36	1 54	15 32	1 23	20 17	0 50	6 0	2 22	23 31	0 10	21 26	1 21	18 2	15 31	5 24	4 55	4 36	9 20	6 50
S 22	22 2	5 23	0 0	15 43	3 49	12 0	1 53	15 21	1 22	20 16	0 50	6 0	2 21	23 31	0 10	21 27	1 21	18 2	15 32	5 25	4 54	4 34	9 19	6 51
S 23	22 10	8 59	1s 5	15 35	3 56	12 24	1 52	15 10	1 21	20 15	0 50	5 59	2 21	23 31	0 10	21 27	1 21	18 3	15 32	5 24	4 53	4 32	9 19	6 51
M24	22 18	12 17	2 8	15 30	4 0	12 47	1 51	14 58	1 20	20 13	0 50	5 59	2 21	23 31	0 10	21 27	1 21	18 3	15 32	5 23	4 51	4 30	9 19	6 52
T 25	22 26	15 4	3 6	15 26	4 4	13 10	1 50	14 46	1 19	20 12	0 49	5 58	2 21	23 31	0 10	21 27	1 21	18 3	15 33	5 21	4 50	4 28	9 19	6 52
W26	22 32	17 10	3 56	15 25	4 6	13 33	1 49	14 35	1 18	20 11	0 49	5 57	2 21	23 30	0 10	21 28	1 21	18 3	15 33	5 18	4 49	4 26	9 19	6 52
T 27	22 39	18 22	4 34	15 26	4 8	13 56	1 48	14 23	1 17	20 10	0 49	5 57	2 20	23 30	0 10	21 28	1 21	18 3	15 34	5 15	4 48	4 25	9 19	6 53
F 28	22 45	18 32	4 57	15 29	4 8	14 19	1 47	14 11	1 16	20 8	0 49	5 56	2 20	23 30	0 10	21 28	1 21	18 3	15 34	5 11	4 47	4 23	9 19	6 53
S 29	22 51	17 35	5 3	15 34	4 7	14 41	1 46	13 59	1 15	20 7	0 49	5 55	2 20	23 30	0 10	21 28	1 21	18 4	15 34	5 7	4 45	4 21	9 19	6 53
S 30	22 56	15 34	4 51	15 41	4 5	15 2	1 45	13 47	1 14	20 6	0 49	5 54	2 20	23 30	0 10	21 29	1 21	18 4	15 35	5 4	4 44	4 19	9 19	6 54
M31	23n 1	12n36	4s21	15n50	4s 2	15n24	1s43	13n35	1n13	20s 5	0n48	5n53	2n20	23s30	0s10	21n29	1s21	18s 4	15s35	5s 1	4s43	4s17	9s19	6n54

Julian Day Number = 2293890.5, Delta T = 141.81 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'00, Lahiri = 17°50'00 Julian Calendar 1 May 1568 == Greg. Calendar 11 May 1568

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1568
geocentric

JUNE 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 17 8	19♊49'00	27♌54	28♉33	18♉34	27♌52	3°R14	20♍35	23°R32	16♊42	20♓26	12°R37	11♎51	13♓27	16°R33	T 1
W 2	17 21 4	20°46'15	12♍ 6	29° 9	19°45	28°24	3♐ 7	20°37	23♐29	16°44	20°27	12♎35	11°47	13°34	16♒32	W 2
T 3	17 25 1	21°43'30	26°14	29°50	20°57	28°57	3° 0	20°39	23°27	16°46	20°27	12°D35	11°44	13°40	16°30	T 3
F 4	17 28 57	22°40'44	10♎18	0♊34	22° 8	29°31	2°53	20°41	23°24	16°48	20°27	12°R35	11°41	13°47	16°29	F 4
S 5	17 32 54	23°37'57	24°16	1°23	23°20	0♍ 4	2°47	20°44	23°22	16°50	20°27	12°35	11°38	13°53	16°27	S 5
S 6	17 36 50	24°35'10	8♏ 8	2°16	24°31	0°37	2°40	20°46	23°20	16°53	20°27	12°32	11°35	14° 0	16°26	S 6
M 7	17 40 47	25°32'22	21°52	3°13	25°43	1°11	2°33	20°48	23°17	16°55	20°27	12°28	11°31	14° 7	16°24	M 7
T 8	17 44 44	26°29'33	5♐26	4°13	26°55	1°44	2°27	20°51	23°15	16°57	20°27	12°20	11°28	14°13	16°23	T 8
W 9	17 48 40	27°26'44	18°49	5°18	28° 6	2°18	2°21	20°53	23°12	16°59	20°27	12°10	11°25	14°20	16°21	W 9
T 10	17 52 37	28°23'55	1♑58	6°27	29°18	2°51	2°14	20°56	23°10	17° 2	20°27	11°59	11°22	14°27	16°19	T 10
F 11	17 56 33	29°21'06	14°52	7°39	0♊30	3°25	2° 8	20°59	23° 7	17° 4	20°R27	11°46	11°19	14°33	16°17	F 11
S 12	18 0 30	0♋18'16	27°29	8°55	1°42	3°59	2° 2	21° 2	23° 5	17° 6	20°27	11°35	11°16	14°40	16°15	S 12
S 13	18 4 26	1°15'26	9♒52	10°15	2°54	4°33	1°56	21° 5	23° 3	17° 8	20°27	11°24	11°12	14°47	16°14	S 13
M14	18 8 23	2°12'37	22° 1	11°38	4° 6	5° 7	1°51	21° 8	23° 0	17°10	20°27	11°16	11° 9	14°53	16°12	M14
T 15	18 12 20	3° 9'47	3♓58	13° 5	5°18	5°42	1°45	21°11	22°58	17°13	20°27	11°11	11° 6	15° 0	16°10	T 15
W16	18 16 16	4° 6'57	15°49	14°35	6°30	6°16	1°40	21°14	22°55	17°15	20°27	11° 8	11° 3	15° 7	16° 7	W16
T 17	18 20 13	5° 4'08	27°38	16° 9	7°42	6°50	1°34	21°18	22°53	17°17	20°27	11° 7	11° 0	15°13	16° 5	T 17
F 18	18 24 9	6° 1'19	9♈30	17°47	8°54	7°25	1°29	21°21	22°51	17°19	20°27	11° 7	10°56	15°20	16° 3	F 18
S 19	18 28 6	6°58'30	21°30	19°27	10° 6	7°59	1°24	21°25	22°48	17°21	20°27	11° 7	10°53	15°27	16° 1	S 19
S 20	18 32 2	7°55'41	3♉44	21°12	11°18	8°34	1°19	21°28	22°46	17°23	20°26	11° 5	10°50	15°33	15°59	S 20
M21	18 35 59	8°52'53	16°17	22°59	12°30	9° 9	1°14	21°32	22°44	17°25	20°26	11° 2	10°47	15°40	15°56	M21
T 22	18 39 55	9°50'06	29°12	24°49	13°42	9°44	1°10	21°36	22°41	17°27	20°26	10°56	10°44	15°47	15°54	T 22
W23	18 43 52	10°47'18	12♊31	26°42	14°55	10°19	1° 5	21°40	22°39	17°30	20°26	10°48	10°41	15°53	15°52	W23
T 24	18 47 49	11°44'31	26°15	28°38	16° 7	10°54	1° 1	21°44	22°37	17°32	20°25	10°37	10°37	16° 0	15°49	T 24
F 25	18 51 45	12°41'44	10♋20	0♋36	17°19	11°29	0°57	21°48	22°35	17°34	20°25	10°26	10°34	16° 7	15°47	F 25
S 26	18 55 42	13°38'58	24°43	2°37	18°32	12° 4	0°53	21°52	22°32	17°36	20°25	10°14	10°31	16°13	15°44	S 26
S 27	18 59 38	14°36'12	9♌16	4°40	19°44	12°40	0°49	21°56	22°30	17°38	20°24	10° 4	10°28	16°20	15°42	S 27
M28	19 3 35	15°33'25	23°53	6°44	20°57	13°15	0°45	22° 0	22°28	17°40	20°24	9°56	10°25	16°27	15°39	M28
T 29	19 7 31	16°30'39	8♍27	8°50	22° 9	13°50	0°42	22° 5	22°26	17°42	20°24	9°51	10°22	16°33	15°36	T 29
W30	19 11 28	17♋27'53	22♍53	10♋56	23♊21	14♍26	0♐39	22♍ 9	22♐24	17♊44	20♓23	9♎49	10♎18	16♓40	15♒34	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	8n53	3s34	16n 1	3s58	15n45	1s42	13n23	1n12	20s 4	0n48	5n52	2n19	23s30	0s10	21n29	1s21	18s 4	15s35	5s 0	4s42	4s15	9s19	6n55
W 2	23 10	4 39	2 35	16 13	3 53	16 6	1 41	13 10	1 12	20 2	0 48	5 51	2 19	23 30	0 10	21 29	1 21	18 5	15 36	4 59	4 40	4 14	9 19	6 55
T 3	23 14	0 11	1 26	16 27	3 48	16 26	1 39	12 58	1 11	20 1	0 48	5 50	2 19	23 30	0 10	21 29	1 21	18 5	15 36	4 59	4 39	4 12	9 19	6 55
F 4	23 17	4s16	0 12	16 42	3 41	16 46	1 38	12 45	1 10	20 0	0 48	5 49	2 19	23 29	0 10	21 30	1 21	18 5	15 36	4 59	4 38	4 10	9 19	6 56
S 5	23 20	8 28	1n 2	16 59	3 34	17 6	1 36	12 33	1 9	19 59	0 48	5 48	2 18	23 29	0 10	21 30	1 21	18 6	15 37	4 59	4 37	4 8	9 19	6 56
S 6	23 23	12 11	2 11	17 17	3 27	17 25	1 34	12 20	1 8	19 58	0 47	5 47	2 18	23 29	0 10	21 30	1 21	18 6	15 37	4 58	4 35	4 6	9 19	6 56
M 7	23 25	15 10	3 12	17 36	3 18	17 44	1 32	12 7	1 7	19 57	0 47	5 46	2 18	23 29	0 10	21 30	1 21	18 6	15 38	4 56	4 34	4 4	9 19	6 57
T 8	23 27	17 17	4 2	17 56	3 9	18 2	1 31	11 54	1 6	19 56	0 47	5 45	2 18	23 29	0 10	21 30	1 21	18 6	15 38	4 53	4 33	4 3	9 19	6 57
W 9	23 28	18 25	4 37	18 17	3 0	18 20	1 29	11 41	1 5	19 55	0 47	5 44	2 18	23 29	0 10	21 31	1 21	18 7	15 38	4 49	4 32	4 1	9 20	6 57
T 10	23 29	18 32	4 57	18 39	2 50	18 38	1 27	11 28	1 4	19 54	0 47	5 42	2 17	23 29	0 10	21 31	1 21	18 7	15 39	4 45	4 30	3 59	9 20	6 58
F 11	23 29	17 41	5 1	19 1	2 39	18 55	1 25	11 15	1 3	19 53	0 47	5 41	2 17	23 29	0 10	21 31	1 21	18 7	15 39	4 40	4 29	3 57	9 20	6 58
S 12	23 30	15 58	4 50	19 24	2 28	19 12	1 23	11 2	1 2	19 52	0 46	5 40	2 17	23 29	0 10	21 31	1 21	18 8	15 39	4 35	4 28	3 55	9 20	6 58
S 13	23 29	13 33	4 25	19 46	2 17	19 28	1 21	10 49	1 1	19 51	0 46	5 38	2 17	23 28	0 10	21 32	1 21	18 8	15 40	4 31	4 27	3 53	9 21	6 59
M14	23 28	10 35	3 49	20 9	2 5	19 44	1 19	10 35	1 0	19 50	0 46	5 37	2 17	23 28	0 10	21 32	1 21	18 8	15 40	4 28	4 25	3 52	9 21	6 59
T 15	23 27	7 14	3 3	20 32	1 54	19 59	1 16	10 22	0 59	19 49	0 46	5 36	2 17	23 28	0 10	21 32	1 21	18 9	15 41	4 26	4 24	3 50	9 21	6 59
W16	23 26	3 36	2 10	20 55	1 41	20 13	1 14	10 8	0 59	19 48	0 46	5 34	2 16	23 28	0 10	21 32	1 21	18 9	15 41	4 25	4 23	3 48	9 21	6 59
T 17	23 24	0n 9	1 11	21 18	1 29	20 27	1 12	9 55	0 58	19 47	0 45	5 33	2 16	23 28	0 10	21 32	1 21	18 10	15 41	4 25	4 22	3 46	9 22	7 0
F 18	23 21	3 54	0 9	21 39	1 17	20 41	1 10	9 41	0 57	19 46	0 45	5 31	2 16	23 28	0 10	21 33	1 21	18 10	15 42	4 24	4 20	3 44	9 22	7 0
S 19	23 19	7 33	0s55	22 0	1 4	20 54	1 7	9 27	0 56	19 45	0 45	5 29	2 16	23 28	0 10	21 33	1 21	18 10	15 42	4 24	4 19	3 42	9 23	7 0
S 20	23 15	10 58	1 57	22 20	0 52	21 7	1 5	9 13	0 55	19 44	0 45	5 28	2 16	23 28	0 10	21 33	1 21	18 11	15 42	4 24	4 18	3 41	9 23	7 1
M21	23 12	13 57	2 55	22 39	0 40	21 18	1 3	9 0	0 54	19 44	0 45	5 26	2 15	23 27	0 10	21 33	1 21	18 11	15 43	4 23	4 17	3 39	9 23	7 1
T 22	23 8	16 21	3 45	22 56	0 27	21 30	1 0	8 46	0 53	19 43	0 44	5 25	2 15	23 27	0 10	21 33	1 21	18 12	15 43	4 20	4 15	3 37	9 24	7 1
W23	23 3	17 58	4 25	23 12	0 15	21 41	0 58	8 32	0 52	19 42	0 44	5 23	2 15	23 27	0 10	21 33	1 21	18 12	15 44	4 17	4 14	3 35	9 24	7 1
T 24	22 58	18 35	4 51	23 26	0 3	21 51	0 55	8 17	0 51	19 42	0 44	5 21	2 15	23 27	0 10	21 34	1 21	18 13	15 44	4 13	4 13	3 33	9 25	7 2
F 25	22 53	18 5	5 1	23 38	0n 8	22 0	0 53	8 3	0 51	19 41	0 44	5 19	2 15	23 27	0 10	21 34	1 21	18 13	15 44	4 8	4 12	3 31	9 25	7 2
S 26	22 47	16 27	4 51	23 47	0 19	22 9	0 50	7 49	0 50	19 40	0 43	5 18	2 14	23 27	0 10	21 34	1 21	18 13	15 45	4 4	4 10	3 30	9 26	7 2
S 27	22 41	13 45	4 23	23 54	0 30	22 18	0 48	7 35	0 49	19 40	0 43	5 16	2 14	23 27	0 10	21 34	1 21	18 14	15 45	4 0	4 9	3 28	9 26	7 2
M28	22 35	10 10	3 37	23 59	0 40	22 26	0 45	7 20	0 48	19 39	0 43	5 14	2 14	23 27	0 10	21 34	1 21	18 14	15 45	3 57	4 8	3 26	9 27	7 2
T 29	22 28	5 59	2 38	24 1	0 49	22 33	0 43	7 6	0 47	19 39	0 43	5 12	2 14	23 27	0 10	21 35	1 21	18 15	15 46	3 55	4 7	3 24	9 27	7 3
W30	22n21	1n29	1s28	24n 1	0n58	22n39	0s40	6n51	0n46	19s38	0n43	5n10	2n14	23s26	0s10	21n35	1s21	18s15	15s46	3s54	4s 5	3s22	9s28	7n 3

Julian Day Number = 2293921.5, Delta T = 141.64 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'04, Lahiri = 17°50'04 Julian Calendar 1 June 1568 == Greg. Calendar 11 June 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

JULY 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 15 24	18♋25'07	7♎ 8	13♋ 4	24♊34	15♍ 2	0°R36	22♍14	22°R21	17♊46	20°R23	9°D48	10♎15	16♓47	15°R31	T 1
F 2	19 19 21	19°22'21	21° 9	15°12	25°47	15°38	0♐33	22°18	22♐19	17°48	20♓22	9°R48	10°12	16°53	15♒28	F 2
S 3	19 23 18	20°19'36	4♏58	17°20	26°59	16°13	0°30	22°23	22°17	17°50	20°22	9♎48	10° 9	17° 0	15°25	S 3
S 4	19 27 14	21°16'51	18°34	19°29	28°12	16°49	0°27	22°27	22°15	17°52	20°21	9°45	10° 6	17° 7	15°23	S 4
M 5	19 31 11	22°14'05	1♐59	21°36	29°25	17°25	0°25	22°32	22°13	17°54	20°21	9°41	10° 2	17°13	15°20	M 5
T 6	19 35 7	23°11'21	15°11	23°44	0♋37	18° 1	0°22	22°37	22°11	17°56	20°20	9°33	9°59	17°20	15°17	T 6
W 7	19 39 4	24° 8'36	28°12	25°50	1°50	18°38	0°20	22°42	22° 9	17°58	20°20	9°23	9°56	17°27	15°14	W 7
T 8	19 43 0	25° 5'53	11♑ 1	27°56	3° 3	19°14	0°19	22°47	22° 7	17°59	20°19	9°12	9°53	17°33	15°11	T 8
F 9	19 46 57	26° 3'10	23°37	0♌ 0	4°16	19°50	0°17	22°52	22° 5	18° 1	20°18	8°59	9°50	17°40	15° 8	F 9
S 10	19 50 53	27° 0'27	6♒ 1	2° 3	5°28	20°27	0°15	22°57	22° 4	18° 3	20°18	8°47	9°47	17°47	15° 5	S 10
S 11	19 54 50	27°57'45	18°14	4° 5	6°41	21° 3	0°14	23° 2	22° 2	18° 5	20°17	8°37	9°43	17°53	15° 2	S 11
M12	19 58 47	28°55'04	0♓16	6° 6	7°54	21°40	0°13	23° 8	22° 0	18° 7	20°16	8°29	9°40	18° 0	14°59	M12
T 13	20 2 43	29°52'24	12°10	8° 5	9° 7	22°16	0°12	23°13	21°58	18° 8	20°16	8°23	9°37	18° 7	14°56	T 13
W14	20 6 40	0♎49'45	23°58	10° 2	10°20	22°53	0°11	23°18	21°57	18°10	20°15	8°20	9°34	18°13	14°53	W14
T 15	20 10 36	1°47'07	5♈46	11°58	11°33	23°30	0°10	23°24	21°55	18°12	20°14	8°D19	9°31	18°20	14°50	T 15
F 16	20 14 33	2°44'30	17°36	13°52	12°46	24° 7	0°10	23°29	21°53	18°14	20°14	8°19	9°28	18°26	14°47	F 16
S 17	20 18 29	3°41'54	29°36	15°45	14° 0	24°44	0°10	23°35	21°52	18°15	20°13	8°R20	9°24	18°33	14°44	S 17
S 18	20 22 26	4°39'19	11♉49	17°36	15°13	25°21	0°D10	23°41	21°50	18°17	20°12	8°20	9°21	18°40	14°41	S 18
M19	20 26 22	5°36'46	24°21	19°25	16°26	25°58	0°10	23°46	21°48	18°19	20°11	8°18	9°18	18°46	14°37	M19
T 20	20 30 19	6°34'14	7♊17	21°13	17°39	26°35	0°10	23°52	21°47	18°20	20°10	8°14	9°15	18°53	14°34	T 20
W21	20 34 16	7°31'43	20°39	22°59	18°52	27°12	0°11	23°58	21°45	18°22	20°10	8° 8	9°12	19° 0	14°31	W21
T 22	20 38 12	8°29'13	4♋29	24°44	20° 6	27°49	0°11	24° 4	21°44	18°24	20° 9	8° 0	9° 8	19° 6	14°28	T 22
F 23	20 42 9	9°26'45	18°46	26°27	21°19	28°27	0°12	24°10	21°43	18°25	20° 8	7°52	9° 5	19°13	14°25	F 23
S 24	20 46 5	10°24'18	3♌24	28° 9	22°33	29° 4	0°13	24°16	21°41	18°27	20° 7	7°43	9° 2	19°20	14°22	S 24
S 25	20 50 2	11°21'52	18°16	29°49	23°46	29°42	0°14	24°22	21°40	18°28	20° 6	7°35	8°59	19°26	14°18	S 25
M26	20 53 58	12°19'27	3♍15	1♍27	24°59	0♎20	0°16	24°28	21°39	18°30	20° 5	7°29	8°56	19°33	14°15	M26
T 27	20 57 55	13°17'04	18°11	3° 4	26°13	0°57	0°17	24°34	21°38	18°31	20° 4	7°25	8°53	19°40	14°12	T 27
W28	21 1 51	14°14'41	2♎56	4°39	27°26	1°35	0°19	24°40	21°36	18°33	20° 3	7°D24	8°49	19°46	14° 9	W28
T 29	21 5 48	15°12'19	17°25	6°13	28°40	2°13	0°21	24°47	21°35	18°34	20° 2	7°24	8°46	19°53	14° 6	T 29
F 30	21 9 45	16° 9'58	1♏36	7°46	29°54	2°51	0°23	24°53	21°34	18°35	20° 2	7°25	8°43	20° 0	14° 2	F 30
S 31	21 13 41	17♌ 7'38	15♏26	9♍16	1♌ 7	3♎29	0♐26	24♍59	21♐33	18♊37	20♓ 1	7°R25	8♎40	20♓ 6	13♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n13	3s 3	0s14	23n57	1n 7	22n45	0s38	6n37	0n46	19s38	0n42	5n 8	2n14	23s26	0s10	21n35	1s21	18s16	15s46	3s54	4s 4	3s20	9s29	7n 3
F 2	22 5	7 21	1n 0	23 51	1 14	22 51	0 35	6 22	0 45	19 37	0 42	5 6	2 13	23 26	0 10	21 35	1 21	18 16	15 47	3 54	4 3	3 19	9 29	7 3
S 3	21 57	11 11	2 9	23 42	1 21	22 55	0 32	6 7	0 44	19 37	0 42	5 4	2 13	23 26	0 10	21 35	1 21	18 17	15 47	3 53	4 2	3 17	9 30	7 3
S 4	21 48	14 21	3 10	23 30	1 27	22 59	0 30	5 52	0 43	19 37	0 42	5 2	2 13	23 26	0 10	21 35	1 21	18 17	15 47	3 52	4 0	3 15	9 30	7 4
M 5	21 39	16 42	3 59	23 16	1 32	23 2	0 27	5 38	0 42	19 36	0 41	5 0	2 13	23 26	0 10	21 36	1 21	18 18	15 48	3 51	3 59	3 13	9 31	7 4
T 6	21 30	18 7	4 35	22 59	1 37	23 5	0 24	5 23	0 41	19 36	0 41	4 58	2 13	23 26	0 10	21 36	1 21	18 18	15 48	3 48	3 58	3 11	9 32	7 4
W 7	21 20	18 33	4 56	22 40	1 40	23 7	0 22	5 8	0 41	19 36	0 41	4 56	2 13	23 26	0 10	21 36	1 21	18 19	15 48	3 44	3 57	3 9	9 32	7 4
T 8	21 10	18 2	5 1	22 18	1 43	23 8	0 19	4 53	0 40	19 36	0 41	4 54	2 13	23 25	0 10	21 36	1 21	18 19	15 49	3 39	3 55	3 7	9 33	7 4
F 9	20 59	16 38	4 52	21 55	1 45	23 9	0 16	4 38	0 39	19 36	0 41	4 52	2 12	23 25	0 10	21 36	1 21	18 20	15 49	3 34	3 54	3 6	9 34	7 4
S 10	20 48	14 28	4 29	21 29	1 47	23 9	0 14	4 23	0 38	19 35	0 40	4 50	2 12	23 25	0 10	21 36	1 21	18 20	15 49	3 30	3 53	3 4	9 35	7 4
S 11	20 37	11 42	3 53	21 1	1 48	23 8	0 11	4 8	0 37	19 35	0 40	4 47	2 12	23 25	0 10	21 36	1 21	18 21	15 50	3 25	3 52	3 2	9 35	7 5
M12	20 25	8 28	3 8	20 32	1 48	23 7	0 9	3 52	0 37	19 35	0 40	4 45	2 12	23 25	0 10	21 37	1 21	18 22	15 50	3 22	3 50	3 0	9 36	7 5
T 13	20 13	4 56	2 15	20 1	1 47	23 5	0 6	3 37	0 36	19 35	0 40	4 43	2 12	23 25	0 10	21 37	1 21	18 22	15 50	3 20	3 49	2 58	9 37	7 5
W14	20 1	1 14	1 16	19 28	1 46	23 2	0 3	3 22	0 35	19 35	0 39	4 41	2 12	23 25	0 10	21 37	1 21	18 23	15 50	3 19	3 48	2 56	9 38	7 5
T 15	19 48	2n30	0 14	18 54	1 44	22 59	0 1	3 7	0 34	19 36	0 39	4 38	2 12	23 25	0 10	21 37	1 21	18 23	15 51	3 18	3 47	2 55	9 39	7 5
F 16	19 35	6 10	0s49	18 19	1 42	22 55	0n 2	2 51	0 33	19 36	0 39	4 36	2 11	23 25	0 10	21 37	1 21	18 24	15 51	3 18	3 45	2 53	9 39	7 5
S 17	19 22	9 37	1 51	17 43	1 39	22 50	0 5	2 36	0 33	19 36	0 39	4 34	2 11	23 25	0 10	21 37	1 21	18 24	15 51	3 19	3 44	2 51	9 40	7 5
S 18	19 9	12 44	2 49	17 6	1 35	22 44	0 7	2 20	0 32	19 36	0 39	4 31	2 11	23 24	0 10	21 37	1 21	18 25	15 52	3 19	3 43	2 49	9 41	7 5
M19	18 55	15 20	3 40	16 29	1 31	22 38	0 10	2 5	0 31	19 36	0 38	4 29	2 11	23 24	0 10	21 37	1 22	18 25	15 52	3 18	3 42	2 47	9 42	7 5
T 20	18 40	17 16	4 22	15 50	1 27	22 32	0 12	1 49	0 30	19 37	0 38	4 27	2 11	23 24	0 10	21 38	1 22	18 26	15 52	3 16	3 40	2 45	9 43	7 5
W21	18 26	18 19	4 51	15 11	1 22	22 24	0 15	1 34	0 29	19 37	0 38	4 24	2 11	23 24	0 10	21 38	1 22	18 27	15 52	3 14	3 39	2 44	9 44	7 5
T 22	18 11	18 21	5 5	14 31	1 17	22 16	0 17	1 18	0 29	19 37	0 38	4 22	2 11	23 24	0 10	21 38	1 22	18 27	15 53	3 11	3 38	2 42	9 44	7 5
F 23	17 56	17 14	5 0	13 51	1 12	22 7	0 20	1 3	0 28	19 38	0 37	4 19	2 11	23 24	0 10	21 38	1 22	18 28	15 53	3 7	3 37	2 40	9 45	7 5
S 24	17 40	14 58	4 35	13 10	1 6	21 58	0 22	0 47	0 27	19 38	0 37	4 17	2 10	23 24	0 10	21 38	1 22	18 28	15 53	3 4	3 35	2 38	9 46	7 5
S 25	17 25	11 42	3 52	12 29	0 59	21 48	0 25	0 31	0 26	19 39	0 37	4 14	2 10	23 24	0 10	21 38	1 22	18 29	15 53	3 1	3 34	2 36	9 47	7 5
M26	17 8	7 39	2 53	11 48	0 53	21 37	0 27	0 16	0 26	19 39	0 37	4 12	2 10	23 24	0 10	21 38	1 22	18 30	15 54	2 58	3 33	2 34	9 48	7 5
T 27	16 52	3 8	1 41	11 7	0 46	21 26	0 29	0s 0	0 25	19 40	0 37	4 9	2 10	23 24	0 10	21 38	1 22	18 30	15 54	2 57	3 32	2 32	9 49	7 5
W28	16 36	1s32	0 24	10 25	0 39	21 14	0 32	0 16	0 24	19 40	0 36	4 7	2 10	23 24	0 10	21 38	1 22	18 31	15 54	2 56	3 30	2 31	9 50	7 5
T 29	16 19	6 2	0n54	9 44	0 31	21 2	0 34	0 32	0 23	19 41	0 36	4 4	2 10	23 24	0 10	21 38	1 22	18 31	15 54	2 57	3 29	2 29	9 51	7 5
F 30	16 2	10 4	2 7	9 2	0 23	20 49	0 36	0 47	0 23	19 41	0 36	4 1	2 10	23 24	0 10	21 39	1 22	18 32	15 55	2 57	3 28	2 27	9 52	7 5
S 31	15n44	13s28	3n10	8n21	0n15	20n35	0n38	1s 3	0n22	19s42	0n36	3n59	2n10	23s23	0s10	21n39	1s22	18s32	15s55	2s57	3s27	2s25	9s53	7n 5

Julian Day Number = 2293951.5, Delta T = 141.48 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'08, Lahiri = 17°50'08 Julian Calendar 1 July 1568 == Greg. Calendar 11 July 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

AUGUST 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 17 38	18♌ 5'19	28♏58	10♍46	2♌21	4♎ 7	0♐28	25♍ 6	21°R32	18♊38	20°R 0	7°R25	8♎37	20♓13	13°R56	S 1
M 2	21 21 34	19° 3'02	12♐11	12°13	3°35	4°45	0°31	25°12	21♐31	18°39	19♓59	7♎22	8°34	20°20	13♒53	M 2
T 3	21 25 31	20° 0'45	25° 9	13°39	4°48	5°23	0°34	25°18	21°30	18°41	19°58	7°18	8°30	20°26	13°50	T 3
W 4	21 29 27	20°58'30	7♑53	15° 4	6° 2	6° 2	0°37	25°25	21°29	18°42	19°57	7°12	8°27	20°33	13°47	W 4
T 5	21 33 24	21°56'16	20°24	16°27	7°16	6°40	0°40	25°32	21°29	18°43	19°55	7° 4	8°24	20°40	13°43	T 5
F 6	21 37 20	22°54'03	2♒44	17°48	8°30	7°19	0°43	25°38	21°28	18°44	19°54	6°56	8°21	20°46	13°40	F 6
S 7	21 41 17	23°51'51	14°55	19° 7	9°44	7°57	0°47	25°45	21°27	18°46	19°53	6°48	8°18	20°53	13°37	S 7
S 8	21 45 14	24°49'41	26°56	20°25	10°58	8°36	0°50	25°52	21°26	18°47	19°52	6°42	8°14	21° 0	13°34	S 8
M 9	21 49 10	25°47'32	8♓51	21°41	12°11	9°14	0°54	25°58	21°26	18°48	19°51	6°37	8°11	21° 6	13°31	M 9
T 10	21 53 7	26°45'25	20°41	22°55	13°25	9°53	0°58	26° 5	21°25	18°49	19°50	6°33	8° 8	21°13	13°28	T 10
W11	21 57 3	27°43'20	2♈28	24° 8	14°39	10°32	1° 3	26°12	21°25	18°50	19°49	6°D32	8° 5	21°19	13°25	W11
T 12	22 1 0	28°41'16	14°16	25°18	15°53	11°11	1° 7	26°19	21°24	18°51	19°48	6°32	8° 2	21°26	13°22	T 12
F 13	22 4 56	29°39'14	26° 7	26°26	17° 8	11°50	1°11	26°25	21°24	18°52	19°47	6°33	7°59	21°33	13°19	F 13
S 14	22 8 53	0♍37'14	8♉ 7	27°32	18°22	12°29	1°16	26°32	21°23	18°53	19°46	6°35	7°55	21°39	13°16	S 14
S 15	22 12 49	1°35'16	20°19	28°36	19°36	13° 8	1°21	26°39	21°23	18°54	19°45	6°36	7°52	21°46	13°13	S 15
M16	22 16 46	2°33'20	2♊49	29°37	20°50	13°47	1°26	26°46	21°23	18°55	19°43	6°R37	7°49	21°53	13°10	M16
T 17	22 20 42	3°31'26	15°42	0♎36	22° 4	14°26	1°31	26°53	21°23	18°56	19°42	6°36	7°46	21°59	13° 7	T 17
W18	22 24 39	4°29'33	29° 0	1°32	23°18	15° 6	1°37	27° 0	21°22	18°56	19°41	6°34	7°43	22° 6	13° 4	W18
T 19	22 28 36	5°27'43	12♋46	2°26	24°33	15°45	1°42	27° 7	21°22	18°57	19°40	6°31	7°40	22°13	13° 1	T 19
F 20	22 32 32	6°25'55	27° 0	3°16	25°47	16°24	1°48	27°14	21°22	18°58	19°39	6°27	7°36	22°19	12°58	F 20
S 21	22 36 29	7°24'09	11♌39	4° 3	27° 1	17° 4	1°54	27°22	21°D22	18°59	19°38	6°23	7°33	22°26	12°55	S 21
S 22	22 40 25	8°22'24	26°38	4°46	28°16	17°44	2° 0	27°29	21°22	19° 0	19°36	6°19	7°30	22°33	12°53	S 22
M23	22 44 22	9°20'42	11♍47	5°26	29°30	18°23	2° 6	27°36	21°22	19° 0	19°35	6°16	7°27	22°39	12°50	M23
T 24	22 48 18	10°19'01	26°58	6° 2	0♍44	19° 3	2°12	27°43	21°22	19° 1	19°34	6°15	7°24	22°46	12°47	T 24
W25	22 52 15	11°17'22	12♎ 0	6°34	1°59	19°43	2°18	27°50	21°23	19° 1	19°33	6°D14	7°20	22°53	12°45	W25
T 26	22 56 11	12°15'45	26°47	7° 1	3°13	20°23	2°25	27°57	21°23	19° 2	19°32	6°15	7°17	22°59	12°42	T 26
F 27	23 0 8	13°14'09	11♏12	7°23	4°28	21° 3	2°32	28° 5	21°23	19° 3	19°30	6°17	7°14	23° 6	12°39	F 27
S 28	23 4 5	14°12'35	25°12	7°40	5°42	21°43	2°39	28°12	21°24	19° 3	19°29	6°18	7°11	23°12	12°37	S 28
S 29	23 8 1	15°11'02	8♐49	7°51	6°57	22°23	2°46	28°19	21°24	19° 4	19°28	6°19	7° 8	23°19	12°34	S 29
M30	23 11 58	16° 9'32	22° 1	7°R57	8°11	23° 3	2°53	28°26	21°24	19° 4	19°27	6°R19	7° 5	23°26	12°32	M30
T 31	23 15 54	17♍ 8'02	4♑54	7♎56	9♍26	23♎43	3♐ 0	28♍34	21♐25	19♊ 4	19♓26	6♎18	7♎ 1	23♓32	12♒29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n27	16s 2	4n 2	7n40	0n 7	20n20	0n41	1s19	0n21	19s43	0n36	3n56	2n10	23s23	0s10	21n39	1s22	18s33	15s55	2s57	3s25	2s23	9s54	7n 5
M 2	15 9	17 41	4 39	6 59	0s 1	20 5	0 43	1 35	0 20	19 44	0 35	3 54	2 10	23 23	0 10	21 39	1 22	18 34	15 55	2 56	3 24	2 21	9 55	7 5
T 3	14 51	18 23	5 2	6 18	0 10	19 50	0 45	1 51	0 19	19 44	0 35	3 51	2 9	23 23	0 10	21 39	1 22	18 34	15 56	2 54	3 23	2 20	9 56	7 5
W 4	14 32	18 8	5 8	5 37	0 18	19 34	0 47	2 7	0 19	19 45	0 35	3 48	2 9	23 23	0 10	21 39	1 22	18 35	15 56	2 52	3 22	2 18	9 57	7 5
T 5	14 14	17 0	5 0	4 57	0 27	19 17	0 49	2 23	0 18	19 46	0 35	3 46	2 9	23 23	0 10	21 39	1 22	18 35	15 56	2 49	3 20	2 16	9 58	7 4
F 6	13 55	15 5	4 38	4 17	0 36	19 0	0 51	2 39	0 17	19 47	0 34	3 43	2 9	23 23	0 10	21 39	1 22	18 36	15 56	2 46	3 19	2 14	9 59	7 4
S 7	13 36	12 31	4 3	3 37	0 45	18 42	0 53	2 55	0 17	19 48	0 34	3 40	2 9	23 23	0 10	21 39	1 22	18 37	15 56	2 42	3 18	2 12	10 0	7 4
S 8	13 17	9 27	3 18	2 58	0 54	18 24	0 55	3 10	0 16	19 49	0 34	3 37	2 9	23 23	0 10	21 39	1 22	18 37	15 56	2 40	3 17	2 10	10 1	7 4
M 9	12 57	6 2	2 25	2 20	1 4	18 5	0 57	3 26	0 15	19 50	0 34	3 35	2 9	23 23	0 10	21 39	1 22	18 38	15 57	2 38	3 15	2 9	10 2	7 4
T 10	12 37	2 24	1 25	1 42	1 13	17 46	0 58	3 42	0 14	19 51	0 34	3 32	2 9	23 23	0 10	21 39	1 22	18 38	15 57	2 36	3 14	2 7	10 3	7 4
W11	12 17	1n19	0 22	1 5	1 22	17 26	1 0	3 58	0 14	19 52	0 33	3 29	2 9	23 23	0 10	21 39	1 22	18 39	15 57	2 36	3 13	2 5	10 4	7 4
T 12	11 57	4 59	0s42	0 28	1 32	17 6	1 2	4 14	0 13	19 53	0 33	3 26	2 9	23 23	0 10	21 39	1 22	18 40	15 57	2 36	3 12	2 3	10 5	7 3
F 13	11 37	8 29	1 45	0s 8	1 41	16 45	1 4	4 30	0 12	19 54	0 33	3 24	2 9	23 23	0 10	21 39	1 22	18 40	15 57	2 37	3 10	2 1	10 6	7 3
S 14	11 17	11 39	2 44	0 43	1 51	16 24	1 5	4 46	0 11	19 56	0 33	3 21	2 9	23 23	0 10	21 40	1 22	18 41	15 57	2 37	3 9	1 59	10 7	7 3
S 15	10 56	14 23	3 37	1 17	2 0	16 2	1 7	5 2	0 11	19 57	0 33	3 18	2 9	23 23	0 10	21 40	1 22	18 41	15 58	2 38	3 8	1 57	10 8	7 3
M16	10 35	16 30	4 21	1 50	2 9	15 40	1 8	5 18	0 10	19 58	0 32	3 15	2 9	23 23	0 10	21 40	1 22	18 42	15 58	2 38	3 6	1 56	10 9	7 3
T 17	10 14	17 52	4 53	2 21	2 19	15 17	1 10	5 34	0 9	19 59	0 32	3 12	2 8	23 23	0 10	21 40	1 22	18 42	15 58	2 38	3 5	1 54	10 10	7 2
W18	9 53	18 19	5 11	2 52	2 28	14 54	1 11	5 50	0 9	20 0	0 32	3 9	2 8	23 23	0 10	21 40	1 23	18 43	15 58	2 37	3 4	1 52	10 11	7 2
T 19	9 32	17 43	5 12	3 22	2 37	14 30	1 12	6 5	0 8	20 2	0 32	3 7	2 8	23 23	0 10	21 40	1 23	18 44	15 58	2 36	3 3	1 50	10 12	7 2
F 20	9 10	16 0	4 54	3 50	2 46	14 6	1 14	6 21	0 7	20 3	0 32	3 4	2 8	23 23	0 10	21 40	1 23	18 44	15 58	2 34	3 1	1 48	10 13	7 2
S 21	8 49	13 13	4 16	4 17	2 54	13 42	1 15	6 37	0 6	20 4	0 31	3 1	2 8	23 23	0 10	21 40	1 23	18 45	15 58	2 32	3 0	1 46	10 14	7 1
S 22	8 27	9 31	3 21	4 42	3 3	13 17	1 16	6 53	0 6	20 6	0 31	2 58	2 8	23 23	0 10	21 40	1 23	18 45	15 58	2 31	2 59	1 45	10 15	7 1
M23	8 5	5 9	2 11	5 5	3 11	12 52	1 17	7 9	0 5	20 7	0 31	2 55	2 8	23 23	0 10	21 40	1 23	18 46	15 58	2 30	2 58	1 43	10 16	7 1
T 24	7 43	0 26	0 51	5 26	3 19	12 27	1 18	7 25	0 4	20 9	0 31	2 52	2 8	23 23	0 10	21 40	1 23	18 46	15 59	2 29	2 56	1 41	10 17	7 1
W25	7 21	4s16	0n32	5 46	3 26	12 1	1 19	7 40	0 4	20 10	0 31	2 49	2 8	23 23	0 10	21 40	1 23	18 47	15 59	2 29	2 55	1 39	10 18	7 0
T 26	6 59	8 37	1 51	6 3	3 33	11 35	1 20	7 56	0 3	20 12	0 30	2 46	2 8	23 23	0 10	21 40	1 23	18 47	15 59	2 29	2 54	1 37	10 19	7 0
F 27	6 36	12 21	3 1	6 17	3 39	11 9	1 21	8 12	0 2	20 13	0 30	2 43	2 8	23 23	0 10	21 40	1 23	18 48	15 59	2 30	2 53	1 35	10 20	7 0
S 28	6 14	15 15	3 58	6 29	3 45	10 42	1 21	8 27	0 2	20 15	0 30	2 41	2 8	23 23	0 10	21 40	1 23	18 49	15 59	2 30	2 51	1 34	10 21	7 0
S 29	5 51	17 12	4 40	6 39	3 50	10 15	1 22	8 43	0 1	20 16	0 30	2 38	2 8	23 23	0 10	21 40	1 23	18 49	15 59	2 31	2 50	1 32	10 22	6 59
M30	5 28	18 9	5 6	6 45	3 54	9 48	1 23	8 59	0 0	20 18	0 30	2 35	2 8	23 23	0 10	21 40	1 23	18 50	15 59	2 31	2 49	1 30	10 23	6 59
T 31	5n 6	18s 8	5n16	6s47	3s58	9n20	1n23	9s14	0s 1	20s19	0n30	2n32	2n 8	23s23	0s10	21n40	1s23	18s50	15s59	2s30	2s48	1s28	10s23	6n59

Julian Day Number = 2293982.5, Delta T = 141.31 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'12, Lahiri = 17°50'13 Julian Calendar 1 Aug. 1568 == Greg. Calendar 11 Aug. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

SEPTEMBER 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 19 51	18♍ 6'35	17♉28	7°R49	10♍41	24♎23	3♐ 7	28♍41	21♐25	19♊ 5	19°R24	6°R16	6♎58	23♓39	12°R27	W 1
T 2	23 23 47	19° 5'09	29°48	7♎35	11°55	25° 4	3°15	28°48	21°26	19° 5	19♓23	6♎14	6°55	23°46	12♒25	T 2
F 3	23 27 44	20° 3'45	11♒56	7°14	13°10	25°44	3°23	28°56	21°27	19° 6	19°22	6°11	6°52	23°52	12°22	F 3
S 4	23 31 40	21° 2'22	23°56	6°46	14°25	26°25	3°31	29° 3	21°27	19° 6	19°21	6° 9	6°49	23°59	12°20	S 4
S 5	23 35 37	22° 1'02	5♓49	6°11	15°39	27° 5	3°38	29°11	21°28	19° 6	19°19	6° 7	6°45	24° 6	12°18	S 5
M 6	23 39 34	22°59'43	17°39	5°29	16°54	27°46	3°47	29°18	21°29	19° 6	19°18	6° 6	6°42	24°12	12°16	M 6
T 7	23 43 30	23°58'26	29°27	4°40	18° 9	28°27	3°55	29°25	21°30	19° 6	19°17	6° 5	6°39	24°19	12°14	T 7
W 8	23 47 27	24°57'12	11♈15	3°46	19°23	29° 7	4° 3	29°33	21°31	19° 7	19°16	6°D 5	6°36	24°26	12°12	W 8
T 9	23 51 23	25°55'59	23° 6	2°46	20°38	29°48	4°12	29°40	21°32	19° 7	19°15	6° 5	6°33	24°32	12°10	T 9
F 10	23 55 20	26°54'49	5♉ 3	1°43	21°53	0♏29	4°20	29°47	21°33	19° 7	19°13	6° 6	6°30	24°39	12° 8	F 10
S 11	23 59 16	27°53'41	17° 8	0°37	23° 8	1°10	4°29	29°55	21°34	19° 7	19°12	6° 7	6°26	24°46	12° 6	S 11
S 12	0 3 13	28°52'35	29°24	29♍29	24°23	1°51	4°38	0♎ 2	21°35	19°R 7	19°11	6° 8	6°23	24°52	12° 4	S 12
M13	0 7 9	29°51'31	11♊56	28°23	25°38	2°32	4°47	0°10	21°36	19° 7	19°10	6° 8	6°20	24°59	12° 2	M13
T 14	0 11 6	0♎50'30	24°46	27°18	26°52	3°14	4°56	0°17	21°37	19° 7	19° 9	6° 9	6°17	25° 6	12° 0	T 14
W15	0 15 2	1°49'31	7♋59	26°18	28° 7	3°55	5° 5	0°24	21°38	19° 7	19° 7	6°R 9	6°14	25°12	11°59	W15
T 16	0 18 59	2°48'34	21°36	25°23	29°22	4°36	5°14	0°32	21°40	19° 7	19° 6	6° 9	6°11	25°19	11°57	T 16
F 17	0 22 56	3°47'40	5♌38	24°35	0♎37	5°18	5°24	0°39	21°41	19° 7	19° 5	6° 8	6° 7	25°25	11°55	F 17
S 18	0 26 52	4°46'48	20° 5	23°56	1°52	5°59	5°33	0°47	21°42	19° 6	19° 4	6° 8	6° 4	25°32	11°54	S 18
S 19	0 30 49	5°45'58	4♍54	23°27	3° 7	6°41	5°43	0°54	21°44	19° 6	19° 3	6°D 8	6° 1	25°39	11°52	S 19
M20	0 34 45	6°45'11	19°57	23° 7	4°22	7°22	5°53	1° 1	21°45	19° 6	19° 2	6° 8	5°58	25°45	11°51	M20
T 21	0 38 42	7°44'25	5♎ 8	22°D59	5°37	8° 4	6° 2	1° 9	21°47	19° 6	19° 0	6°R 8	5°55	25°52	11°50	T 21
W22	0 42 38	8°43'42	20°16	23° 1	6°52	8°46	6°12	1°16	21°48	19° 5	18°59	6° 8	5°51	25°59	11°48	W22
T 23	0 46 35	9°43'01	5♏13	23°13	8° 7	9°27	6°22	1°24	21°50	19° 5	18°58	6° 8	5°48	26° 5	11°47	T 23
F 24	0 50 31	10°42'22	19°50	23°36	9°22	10° 9	6°33	1°31	21°52	19° 5	18°57	6° 7	5°45	26°12	11°46	F 24
S 25	0 54 28	11°41'44	4♐ 3	24° 9	10°37	10°51	6°43	1°38	21°53	19° 4	18°56	6° 7	5°42	26°19	11°45	S 25
S 26	0 58 25	12°41'09	17°49	24°50	11°52	11°33	6°53	1°46	21°55	19° 4	18°55	6° 6	5°39	26°25	11°44	S 26
M27	1 2 21	13°40'35	1♑ 8	25°40	13° 7	12°15	7° 4	1°53	21°57	19° 3	18°54	6° 6	5°36	26°32	11°43	M27
T 28	1 6 18	14°40'03	14° 3	26°38	14°22	12°57	7°14	2° 0	21°59	19° 3	18°53	6°D 5	5°32	26°39	11°42	T 28
W29	1 10 14	15°39'33	26°35	27°43	15°38	13°40	7°25	2° 8	22° 1	19° 2	18°52	6° 6	5°29	26°45	11°41	W29
T 30	1 14 11	16♎39'04	8♒51	28♍54	16♎53	14♏22	7♐36	2♎15	22♐ 3	19♊ 2	18♓51	6♎ 6	5♎26	26♓52	11♒41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n43	17s13	5n10	6s47	4s 0	8n52	1n24	9s30	0s 1	20s21	0n29	2n29	2n 8	23s23	0s10	21n40	1s23	18s51	15s59	2s30	2s46	1s26	10s24	6n58
T 2	4 20	15 31	4 50	6 42	4 1	8 24	1 24	9 45	0 2	20 23	0 29	2 26	2 8	23 23	0 10	21 40	1 23	18 51	15 59	2 29	2 45	1 24	10 25	6 58
F 3	3 57	13 8	4 17	6 33	4 1	7 56	1 25	10 1	0 3	20 24	0 29	2 23	2 8	23 23	0 10	21 40	1 23	18 52	15 59	2 28	2 44	1 22	10 26	6 58
S 4	3 34	10 13	3 33	6 21	3 59	7 27	1 25	10 16	0 3	20 26	0 29	2 20	2 8	23 23	0 10	21 40	1 23	18 52	15 59	2 27	2 43	1 21	10 27	6 57
S 5	3 10	6 55	2 40	6 4	3 55	6 59	1 25	10 31	0 4	20 28	0 29	2 17	2 8	23 23	0 10	21 40	1 23	18 53	15 59	2 26	2 41	1 19	10 28	6 57
M 6	2 47	3 21	1 41	5 42	3 50	6 30	1 25	10 46	0 5	20 29	0 28	2 14	2 8	23 23	0 10	21 40	1 23	18 53	15 59	2 26	2 40	1 17	10 29	6 57
T 7	2 24	0n21	0 37	5 17	3 43	6 0	1 25	11 2	0 5	20 31	0 28	2 11	2 8	23 23	0 10	21 40	1 23	18 54	15 59	2 25	2 39	1 15	10 30	6 56
W 8	2 1	4 1	0s29	4 47	3 35	5 31	1 26	11 17	0 6	20 33	0 28	2 8	2 8	23 23	0 10	21 40	1 23	18 54	15 59	2 25	2 38	1 13	10 31	6 56
T 9	1 37	7 33	1 33	4 13	3 24	5 2	1 25	11 32	0 7	20 34	0 28	2 5	2 8	23 23	0 10	21 40	1 23	18 54	15 59	2 25	2 36	1 11	10 32	6 56
F 10	1 14	10 49	2 34	3 36	3 11	4 32	1 25	11 47	0 7	20 36	0 28	2 3	2 8	23 23	0 10	21 40	1 23	18 55	15 59	2 26	2 35	1 10	10 33	6 55
S 11	0 50	13 39	3 29	2 57	2 57	4 2	1 25	12 2	0 8	20 38	0 28	2 0	2 8	23 24	0 10	21 40	1 23	18 55	15 59	2 26	2 34	1 8	10 34	6 55
S 12	0 27	15 55	4 15	2 15	2 40	3 32	1 25	12 17	0 9	20 40	0 27	1 57	2 8	23 24	0 10	21 40	1 23	18 56	15 59	2 26	2 32	1 6	10 35	6 54
M13	0 3	17 29	4 50	1 32	2 23	3 2	1 25	12 32	0 9	20 42	0 27	1 54	2 8	23 24	0 10	21 39	1 24	18 56	15 59	2 27	2 31	1 4	10 35	6 54
T 14	0s20	18 12	5 12	0 49	2 4	2 32	1 24	12 46	0 10	20 43	0 27	1 51	2 8	23 24	0 10	21 39	1 24	18 57	15 59	2 27	2 30	1 2	10 36	6 54
W15	0 44	17 58	5 18	0 7	1 44	2 2	1 24	13 1	0 11	20 45	0 27	1 48	2 8	23 24	0 10	21 39	1 24	18 57	15 59	2 27	2 29	1 0	10 37	6 53
T 16	1 7	16 42	5 7	0n33	1 24	1 32	1 24	13 16	0 11	20 47	0 27	1 45	2 8	23 24	0 10	21 39	1 24	18 57	15 59	2 27	2 27	0 58	10 38	6 53
F 17	1 31	14 25	4 37	1 11	1 4	1 1	1 23	13 30	0 12	20 49	0 27	1 42	2 8	23 24	0 10	21 39	1 24	18 58	15 59	2 27	2 26	0 57	10 39	6 52
S 18	1 54	11 11	3 49	1 45	0 43	0 31	1 22	13 45	0 13	20 51	0 26	1 39	2 8	23 24	0 10	21 39	1 24	18 58	15 58	2 26	2 25	0 55	10 40	6 52
S 19	2 18	7 10	2 45	2 15	0 24	0 0	1 22	13 59	0 13	20 53	0 26	1 36	2 8	23 24	0 10	21 39	1 24	18 59	15 58	2 26	2 24	0 53	10 40	6 51
M20	2 41	2 37	1 29	2 40	0 5	0s30	1 21	14 13	0 14	20 54	0 26	1 33	2 8	23 24	0 10	21 39	1 24	18 59	15 58	2 26	2 22	0 51	10 41	6 51
T 21	3 5	2s 8	0 6	3 0	0n13	1 1	1 20	14 27	0 14	20 56	0 26	1 30	2 9	23 24	0 10	21 39	1 24	18 59	15 58	2 26	2 21	0 49	10 42	6 51
W22	3 28	6 44	1n18	3 14	0 30	1 31	1 19	14 41	0 15	20 58	0 26	1 28	2 9	23 24	0 10	21 39	1 24	19 0	15 58	2 26	2 20	0 47	10 43	6 50
T 23	3 51	10 51	2 35	3 23	0 45	2 2	1 18	14 55	0 16	21 0	0 26	1 25	2 9	23 25	0 10	21 39	1 24	19 0	15 58	2 26	2 19	0 46	10 43	6 50
F 24	4 15	14 12	3 40	3 27	0 59	2 32	1 18	15 9	0 16	21 2	0 25	1 22	2 9	23 25	0 10	21 39	1 24	19 0	15 58	2 26	2 17	0 44	10 44	6 49
S 25	4 38	16 35	4 30	3 26	1 12	3 2	1 17	15 23	0 17	21 4	0 25	1 19	2 9	23 25	0 10	21 39	1 24	19 1	15 58	2 26	2 16	0 42	10 45	6 49
S 26	5 1	17 55	5 2	3 19	1 23	3 33	1 15	15 37	0 18	21 6	0 25	1 16	2 9	23 25	0 10	21 39	1 24	19 1	15 58	2 26	2 15	0 40	10 46	6 48
M27	5 24	18 13	5 17	3 8	1 32	4 3	1 14	15 50	0 18	21 8	0 25	1 13	2 9	23 25	0 10	21 39	1 24	19 1	15 57	2 26	2 14	0 38	10 46	6 48
T 28	5 48	17 32	5 15	2 52	1 40	4 33	1 13	16 4	0 19	21 9	0 25	1 10	2 9	23 25	0 10	21 39	1 24	19 2	15 57	2 25	2 12	0 36	10 47	6 48
W29	6 11	16 1	4 58	2 33	1 47	5 4	1 12	16 17	0 19	21 11	0 25	1 8	2 9	23 25	0 10	21 38	1 24	19 2	15 57	2 26	2 11	0 35	10 48	6 47
T 30	6s34	13s47	4n28	2n 9	1n52	5s34	1n11	16s30	0s20	21s13	0n25	1n 5	2n 9	23s25	0s10	21n38	1s24	19s 2	15s57	2s26	2s10	0s33	10s48	6n47

Julian Day Number = 2294013.5, Delta T = 141.15 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'17, Lahiri = 17°50'17 Julian Calendar 1 Sept. 1568 == Greg. Calendar 11 Sept. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

OCTOBER 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 18 7	17♎38'38	20♒53	0♎10	18♎ 8	15♏ 4	7♐47	2♎22	22♐ 5	19°R 1	18°R50	6♎ 7	5♎23	26♓58	11°R40	F 1
S 2	1 22 4	18°38'13	2♓47	1°30	19°23	15°47	7°57	2°29	22° 7	19♊ 0	18♓49	6° 8	5°20	27° 5	11♒39	S 2
S 3	1 26 0	19°37'50	14°36	2°55	20°38	16°29	8° 9	2°36	22° 9	19° 0	18°48	6°10	5°16	27°12	11°39	S 3
M 4	1 29 57	20°37'29	26°23	4°22	21°53	17°12	8°20	2°44	22°11	18°59	18°47	6°10	5°13	27°18	11°38	M 4
T 5	1 33 54	21°37'09	8♈12	5°53	23° 8	17°54	8°31	2°51	22°13	18°58	18°46	6°R11	5°10	27°25	11°38	T 5
W 6	1 37 50	22°36'52	20° 5	7°26	24°23	18°37	8°42	2°58	22°15	18°57	18°45	6°10	5° 7	27°32	11°37	W 6
T 7	1 41 47	23°36'37	2♉ 5	9° 0	25°39	19°20	8°53	3° 5	22°18	18°57	18°44	6° 9	5° 4	27°38	11°37	T 7
F 8	1 45 43	24°36'23	14°12	10°37	26°54	20° 2	9° 5	3°12	22°20	18°56	18°43	6° 6	5° 1	27°45	11°37	F 8
S 9	1 49 40	25°36'12	26°29	12°14	28° 9	20°45	9°16	3°19	22°22	18°55	18°42	6° 3	4°57	27°52	11°37	S 9
S 10	1 53 36	26°36'03	8♊57	13°52	29°24	21°28	9°28	3°26	22°25	18°54	18°41	6° 0	4°54	27°58	11°36	S 10
M11	1 57 33	27°35'56	21°39	15°31	0♏39	22°11	9°40	3°33	22°27	18°53	18°40	5°57	4°51	28° 5	11°D36	M11
T 12	2 1 29	28°35'52	4♋35	17°10	1°55	22°54	9°51	3°40	22°30	18°52	18°39	5°55	4°48	28°12	11°36	T 12
W13	2 5 26	29°35'49	17°47	18°50	3°10	23°37	10° 3	3°47	22°32	18°51	18°38	5°53	4°45	28°18	11°36	W13
T 14	2 9 22	0♏35'49	1♌18	20°30	4°25	24°20	10°15	3°54	22°35	18°50	18°37	5°D52	4°42	28°25	11°37	T 14
F 15	2 13 19	1°35'51	15° 8	22° 9	5°40	25° 4	10°27	4° 1	22°37	18°49	18°36	5°53	4°38	28°32	11°37	F 15
S 16	2 17 16	2°35'55	29°18	23°49	6°55	25°47	10°39	4° 8	22°40	18°48	18°36	5°54	4°35	28°38	11°37	S 16
S 17	2 21 12	3°36'02	13♍47	25°29	8°11	26°30	10°51	4°15	22°42	18°47	18°35	5°56	4°32	28°45	11°37	S 17
M18	2 25 9	4°36'10	28°31	27° 8	9°26	27°14	11° 3	4°21	22°45	18°46	18°34	5°R57	4°29	28°51	11°38	M18
T 19	2 29 5	5°36'20	13♎25	28°47	10°41	27°57	11°16	4°28	22°48	18°45	18°33	5°57	4°26	28°58	11°38	T 19
W20	2 33 2	6°36'33	28°22	0♏26	11°56	28°41	11°28	4°35	22°51	18°44	18°32	5°55	4°22	29° 5	11°39	W20
T 21	2 36 58	7°36'47	13♏13	2° 5	13°12	29°24	11°40	4°41	22°53	18°43	18°32	5°52	4°19	29°11	11°39	T 21
F 22	2 40 55	8°37'03	27°52	3°43	14°27	0♐ 8	11°53	4°48	22°56	18°41	18°31	5°48	4°16	29°18	11°40	F 22
S 23	2 44 51	9°37'21	12♐ 9	5°21	15°42	0°52	12° 5	4°55	22°59	18°40	18°30	5°42	4°13	29°25	11°41	S 23
S 24	2 48 48	10°37'41	26° 2	6°59	16°57	1°36	12°18	5° 1	23° 2	18°39	18°30	5°37	4°10	29°31	11°42	S 24
M25	2 52 45	11°38'02	9♑28	8°36	18°13	2°19	12°30	5° 7	23° 5	18°38	18°29	5°32	4° 7	29°38	11°43	M25
T 26	2 56 41	12°38'24	22°28	10°13	19°28	3° 3	12°43	5°14	23° 8	18°36	18°28	5°28	4° 3	29°45	11°44	T 26
W27	3 0 38	13°38'48	5♒ 4	11°50	20°43	3°47	12°56	5°20	23°11	18°35	18°28	5°26	4° 0	29°51	11°45	W27
T 28	3 4 34	14°39'13	17°20	13°26	21°58	4°31	13° 8	5°27	23°14	18°34	18°27	5°D26	3°57	29°58	11°46	T 28
F 29	3 8 31	15°39'40	29°21	15° 2	23°14	5°15	13°21	5°33	23°17	18°32	18°27	5°27	3°54	0♈ 5	11°47	F 29
S 30	3 12 27	16°40'08	11♓13	16°38	24°29	6° 0	13°34	5°39	23°20	18°31	18°26	5°29	3°51	0°11	11°48	S 30
S 31	3 16 24	17♏40'37	23♓ 1	18♏13	25♏44	6♐44	13♐47	5♎45	23♐23	18♊30	18♓25	5♎30	3♎48	0♈18	11♒49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s56	11s 0	3n46	1n43	1n56	6s 4	1n 9	16s43	0s21	21s15	0n24	1n 2	2n 9	23s25	0s10	21n38	1s24	19s 3	15s57	2s26	2s 9	0s31	10s49	6n46
S 2	7 19	7 47	2 55	1 14	1 59	6 33	1 8	16 56	0 21	21 17	0 24	0 59	2 9	23 26	0 10	21 38	1 24	19 3	15 57	2 27	2 7	0 29	10 49	6 46
S 3	7 42	4 17	1 57	0 42	2 1	7 3	1 6	17 9	0 22	21 19	0 24	0 56	2 9	23 26	0 10	21 38	1 24	19 3	15 57	2 27	2 6	0 27	10 50	6 45
M 4	8 4	0 37	0 54	0 8	2 2	7 33	1 5	17 22	0 23	21 21	0 24	0 54	2 9	23 26	0 10	21 38	1 24	19 3	15 56	2 27	2 5	0 25	10 51	6 45
T 5	8 27	3n 5	0s11	0s28	2 2	8 2	1 3	17 34	0 23	21 23	0 24	0 51	2 10	23 26	0 10	21 38	1 24	19 4	15 56	2 28	2 3	0 23	10 51	6 44
W 6	8 49	6 42	1 16	1 6	2 1	8 31	1 2	17 47	0 24	21 25	0 24	0 48	2 10	23 26	0 10	21 38	1 24	19 4	15 56	2 27	2 2	0 22	10 52	6 44
T 7	9 11	10 3	2 19	1 45	2 0	9 0	1 0	17 59	0 24	21 27	0 24	0 45	2 10	23 26	0 10	21 38	1 24	19 4	15 56	2 27	2 1	0 20	10 52	6 43
F 8	9 33	13 2	3 15	2 24	1 58	9 29	0 58	18 11	0 25	21 28	0 23	0 43	2 10	23 26	0 10	21 38	1 24	19 4	15 56	2 26	2 0	0 18	10 53	6 43
S 9	9 55	15 28	4 3	3 5	1 55	9 58	0 56	18 23	0 26	21 30	0 23	0 40	2 10	23 26	0 10	21 38	1 24	19 4	15 55	2 25	1 58	0 16	10 53	6 42
S 10	10 17	17 13	4 41	3 46	1 51	10 26	0 55	18 35	0 26	21 32	0 23	0 37	2 10	23 27	0 10	21 37	1 25	19 4	15 55	2 23	1 57	0 14	10 54	6 42
M11	10 39	18 9	5 5	4 28	1 48	10 54	0 53	18 47	0 27	21 34	0 23	0 34	2 10	23 27	0 10	21 37	1 25	19 5	15 55	2 22	1 56	0 12	10 54	6 41
T 12	11 0	18 10	5 15	5 10	1 43	11 22	0 51	18 59	0 27	21 36	0 23	0 32	2 10	23 27	0 10	21 37	1 25	19 5	15 55	2 21	1 55	0 11	10 55	6 41
W13	11 21	17 13	5 8	5 52	1 39	11 50	0 49	19 10	0 28	21 38	0 23	0 29	2 10	23 27	0 10	21 37	1 25	19 5	15 55	2 20	1 53	0 9	10 55	6 41
T 14	11 42	15 17	4 45	6 34	1 34	12 17	0 47	19 21	0 28	21 40	0 23	0 27	2 11	23 27	0 10	21 37	1 25	19 5	15 54	2 20	1 52	0 7	10 56	6 40
F 15	12 3	12 26	4 4	7 17	1 28	12 44	0 45	19 33	0 29	21 42	0 23	0 24	2 11	23 27	0 10	21 37	1 25	19 5	15 54	2 20	1 51	0 5	10 56	6 40
S 16	12 24	8 48	3 8	7 59	1 23	13 11	0 43	19 43	0 30	21 43	0 22	0 21	2 11	23 27	0 10	21 37	1 25	19 5	15 54	2 21	1 50	0 3	10 56	6 39
S 17	12 45	4 34	1 59	8 41	1 17	13 37	0 41	19 54	0 30	21 45	0 22	0 19	2 11	23 28	0 10	21 37	1 25	19 5	15 54	2 22	1 48	0 1	10 57	6 39
M18	13 5	0s 2	0 41	9 22	1 11	14 3	0 39	20 5	0 31	21 47	0 22	0 16	2 11	23 28	0 10	21 37	1 25	19 6	15 53	2 22	1 47	0n 0	10 57	6 38
T 19	13 25	4 41	0n41	10 3	1 5	14 29	0 37	20 15	0 31	21 49	0 22	0 14	2 11	23 28	0 10	21 36	1 25	19 6	15 53	2 22	1 46	0 2	10 57	6 38
W20	13 45	9 3	2 0	10 44	0 59	14 54	0 35	20 26	0 32	21 51	0 22	0 11	2 11	23 28	0 10	21 36	1 25	19 6	15 53	2 21	1 45	0 4	10 58	6 37
T 21	14 5	12 49	3 10	11 24	0 52	15 19	0 32	20 36	0 32	21 53	0 22	0 9	2 11	23 28	0 10	21 36	1 25	19 6	15 53	2 20	1 43	0 6	10 58	6 37
F 22	14 24	15 43	4 7	12 4	0 46	15 44	0 30	20 46	0 33	21 54	0 22	0 6	2 12	23 28	0 10	21 36	1 25	19 6	15 52	2 18	1 42	0 8	10 58	6 36
S 23	14 44	17 34	4 46	12 43	0 39	16 8	0 28	20 55	0 33	21 56	0 22	0 4	2 12	23 29	0 10	21 36	1 25	19 6	15 52	2 16	1 41	0 10	10 59	6 36
S 24	15 3	18 18	5 8	13 22	0 33	16 32	0 26	21 5	0 34	21 58	0 21	0 1	2 12	23 29	0 10	21 36	1 25	19 6	15 52	2 14	1 39	0 12	10 59	6 35
M25	15 21	17 59	5 11	14 0	0 26	16 55	0 23	21 14	0 35	22 0	0 21	0s 1	2 12	23 29	0 10	21 36	1 25	19 6	15 52	2 12	1 38	0 13	10 59	6 35
T 26	15 40	16 42	4 59	14 37	0 19	17 18	0 21	21 23	0 35	22 1	0 21	0 4	2 12	23 29	0 10	21 36	1 25	19 6	15 51	2 11	1 37	0 15	10 59	6 34
W27	15 58	14 39	4 32	15 13	0 12	17 40	0 19	21 32	0 36	22 3	0 21	0 6	2 12	23 29	0 10	21 35	1 25	19 6	15 51	2 10	1 36	0 17	10 59	6 34
T 28	16 16	11 59	3 53	15 49	0 6	18 2	0 16	21 41	0 36	22 5	0 21	0 8	2 13	23 29	0 10	21 35	1 25	19 6	15 51	2 10	1 34	0 19	11 0	6 33
F 29	16 34	8 51	3 4	16 24	0s 1	18 24	0 14	21 50	0 37	22 7	0 21	0 11	2 13	23 29	0 10	21 35	1 25	19 6	15 50	2 10	1 33	0 21	11 0	6 33
S 30	16 51	5 24	2 8	16 58	0 8	18 45	0 12	21 58	0 37	22 8	0 21	0 13	2 13	23 30	0 10	21 35	1 25	19 6	15 50	2 11	1 32	0 23	11 0	6 32
S 31	17s 8	1s45	1n 8	17s31	0s14	19s 5	0n 9	22s 6	0s38	22s10	0n21	0s15	2n13	23s30	0s10	21n35	1s25	19s 6	15s50	2s11	1s31	0n24	11s 0	6n32

Julian Day Number = 2294043.5, Delta T = 140.99 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'21, Lahiri = 17°50'21 Julian Calendar 1 Oct. 1568 == Greg. Calendar 11 Oct. 1568

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1568
geocentric

NOVEMBER 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 20 20	18♏41'07	4♈48	19♏48	27♏ 0	7♐28	14♐ 0	5♎51	23♐26	18°R28	18°R25	5°R31	3♎44	0♈24	11♒51	M 1
T 2	3 24 17	19°41'39	16°40	21°23	28°15	8°12	14°13	5°57	23°29	18♊27	18♓24	5♎30	3°41	0°31	11°52	T 2
W 3	3 28 14	20°42'13	28°40	22°58	29°30	8°57	14°26	6° 3	23°32	18°25	18°24	5°27	3°38	0°38	11°54	W 3
T 4	3 32 10	21°42'48	10♉50	24°32	0♐45	9°41	14°39	6° 9	23°35	18°24	18°24	5°22	3°35	0°44	11°55	T 4
F 5	3 36 7	22°43'24	23°12	26° 7	2° 1	10°26	14°52	6°15	23°39	18°22	18°23	5°15	3°32	0°51	11°57	F 5
S 6	3 40 3	23°44'02	5♊46	27°41	3°16	11°10	15° 5	6°21	23°42	18°21	18°23	5° 7	3°28	0°58	11°58	S 6
S 7	3 44 0	24°44'41	18°34	29°15	4°31	11°55	15°18	6°27	23°45	18°19	18°22	4°57	3°25	1° 4	12° 0	S 7
M 8	3 47 56	25°45'22	1♋34	0♐48	5°46	12°39	15°32	6°32	23°48	18°18	18°22	4°48	3°22	1°11	12° 2	M 8
T 9	3 51 53	26°46'04	14°46	2°22	7° 2	13°24	15°45	6°38	23°52	18°16	18°22	4°40	3°19	1°18	12° 4	T 9
W10	3 55 49	27°46'48	28°11	3°55	8°17	14° 9	15°58	6°44	23°55	18°15	18°21	4°34	3°16	1°24	12° 6	W10
T 11	3 59 46	28°47'34	11♌46	5°29	9°32	14°54	16°12	6°49	23°58	18°13	18°21	4°31	3°13	1°31	12° 7	T 11
F 12	4 3 43	29°48'21	25°33	7° 2	10°47	15°39	16°25	6°55	24° 2	18°12	18°21	4°D29	3° 9	1°38	12° 9	F 12
S 13	4 7 39	0♐49'10	9♍32	8°35	12° 3	16°24	16°38	7° 0	24° 5	18°10	18°21	4°29	3° 6	1°44	12°12	S 13
S 14	4 11 36	1°50'00	23°42	10° 8	13°18	17° 9	16°52	7° 5	24° 9	18° 8	18°20	4°30	3° 3	1°51	12°14	S 14
M15	4 15 32	2°50'51	8♎ 3	11°41	14°33	17°54	17° 5	7°10	24°12	18° 7	18°20	4°R30	3° 0	1°58	12°16	M15
T 16	4 19 29	3°51'44	22°31	13°14	15°48	18°39	17°19	7°16	24°15	18° 5	18°20	4°29	2°57	2° 4	12°18	T 16
W17	4 23 25	4°52'39	7♏ 4	14°47	17° 4	19°24	17°32	7°21	24°19	18° 3	18°20	4°25	2°53	2°11	12°20	W17
T 18	4 27 22	5°53'35	21°34	16°20	18°19	20° 9	17°46	7°26	24°22	18° 2	18°20	4°19	2°50	2°17	12°23	T 18
F 19	4 31 18	6°54'32	5♐57	17°52	19°34	20°54	17°59	7°31	24°26	18° 0	18°20	4°10	2°47	2°24	12°25	F 19
S 20	4 35 15	7°55'30	20° 5	19°25	20°50	21°40	18°13	7°35	24°29	17°58	18°20	3°59	2°44	2°31	12°28	S 20
S 21	4 39 12	8°56'29	3♑54	20°57	22° 5	22°25	18°27	7°40	24°33	17°57	18°20	3°48	2°41	2°37	12°30	S 21
M22	4 43 8	9°57'28	17°19	22°30	23°20	23°11	18°40	7°45	24°36	17°55	18°D20	3°37	2°38	2°44	12°33	M22
T 23	4 47 5	10°58'29	0♒21	24° 2	24°35	23°56	18°54	7°50	24°40	17°53	18°20	3°28	2°34	2°51	12°36	T 23
W24	4 51 1	11°59'30	12°59	25°33	25°51	24°42	19° 8	7°54	24°44	17°52	18°20	3°22	2°31	2°57	12°38	W24
T 25	4 54 58	13° 0'32	25°17	27° 5	27° 6	25°27	19°21	7°59	24°47	17°50	18°20	3°18	2°28	3° 4	12°41	T 25
F 26	4 58 54	14° 1'34	7♓20	28°36	28°21	26°13	19°35	8° 3	24°51	17°48	18°20	3°16	2°25	3°11	12°44	F 26
S 27	5 2 51	15° 2'37	19°12	0♑ 7	29°36	26°58	19°49	8° 7	24°54	17°47	18°20	3°D16	2°22	3°17	12°47	S 27
S 28	5 6 47	16° 3'40	1♈ 0	1°38	0♑52	27°44	20° 2	8°11	24°58	17°45	18°20	3°R16	2°19	3°24	12°50	S 28
M29	5 10 44	17° 4'44	12°48	3° 7	2° 7	28°30	20°16	8°16	25° 1	17°43	18°20	3°16	2°15	3°31	12°52	M29
T 30	5 14 41	18♐ 5'48	24♈42	4♑36	3♑22	29♐16	20♐30	8♎20	25♐ 5	17♊41	18♓20	3♎14	2♎12	3♈37	12♒55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s25	1n58	0n 4	18s 4	0s21	19s25	0n 7	22s14	0s38	22s12	0n20	0s18	2n13	23s30	0s10	21n35	1s25	19s 6	15s50	2s12	1s29	0n26	11s 0	6n31
T 2	17 42	5 38	1s 0	18 35	0 28	19 45	0 4	22 22	0 39	22 13	0 20	0 20	2 13	23 30	0 10	21 35	1 25	19 6	15 49	2 11	1 28	0 28	11 0	6 31
W 3	17 58	9 7	2 2	19 6	0 34	20 3	0 2	22 29	0 39	22 15	0 20	0 22	2 14	23 30	0 10	21 34	1 25	19 5	15 49	2 10	1 27	0 30	11 0	6 31
T 4	18 14	12 16	2 59	19 36	0 40	20 22	0s 0	22 37	0 40	22 16	0 20	0 24	2 14	23 30	0 10	21 34	1 25	19 5	15 49	2 8	1 26	0 32	11 0	6 30
F 5	18 30	14 55	3 49	20 5	0 47	20 39	0 3	22 44	0 40	22 18	0 20	0 26	2 14	23 31	0 10	21 34	1 25	19 5	15 48	2 6	1 24	0 34	11 0	6 30
S 6	18 45	16 55	4 28	20 33	0 53	20 57	0 5	22 50	0 41	22 20	0 20	0 28	2 14	23 31	0 10	21 34	1 25	19 5	15 48	2 2	1 23	0 35	11 0	6 29
S 7	19 0	18 7	4 54	20 59	0 59	21 13	0 8	22 57	0 41	22 21	0 20	0 31	2 14	23 31	0 10	21 34	1 25	19 5	15 48	1 58	1 22	0 37	11 0	6 29
M 8	19 14	18 23	5 6	21 25	1 5	21 29	0 10	23 3	0 42	22 23	0 20	0 33	2 15	23 31	0 10	21 34	1 25	19 5	15 47	1 55	1 21	0 39	11 0	6 28
T 9	19 29	17 40	5 2	21 50	1 11	21 44	0 13	23 10	0 42	22 24	0 20	0 35	2 15	23 31	0 10	21 34	1 25	19 5	15 47	1 52	1 19	0 41	11 0	6 28
W10	19 43	15 59	4 41	22 14	1 16	21 59	0 15	23 15	0 43	22 26	0 19	0 37	2 15	23 31	0 10	21 33	1 25	19 4	15 47	1 49	1 18	0 43	11 0	6 27
T 11	19 56	13 23	4 5	22 36	1 22	22 13	0 17	23 21	0 43	22 27	0 19	0 39	2 15	23 32	0 10	21 33	1 25	19 4	15 46	1 48	1 17	0 45	11 0	6 27
F 12	20 9	10 0	3 13	22 58	1 27	22 26	0 20	23 27	0 44	22 29	0 19	0 41	2 15	23 32	0 10	21 33	1 25	19 4	15 46	1 47	1 15	0 46	11 0	6 27
S 13	20 22	6 0	2 10	23 18	1 32	22 39	0 22	23 32	0 44	22 30	0 19	0 43	2 16	23 32	0 10	21 33	1 25	19 4	15 46	1 47	1 14	0 48	11 0	6 26
S 14	20 34	1 37	0 58	23 37	1 37	22 51	0 25	23 37	0 45	22 32	0 19	0 44	2 16	23 32	0 10	21 33	1 25	19 4	15 45	1 48	1 13	0 50	10 59	6 26
M15	20 47	2s55	0n19	23 55	1 42	23 3	0 27	23 41	0 45	22 33	0 19	0 46	2 16	23 32	0 10	21 33	1 25	19 3	15 45	1 48	1 12	0 52	10 59	6 25
T 16	20 58	7 19	1 35	24 12	1 46	23 13	0 29	23 46	0 46	22 34	0 19	0 48	2 16	23 32	0 10	21 33	1 25	19 3	15 45	1 47	1 10	0 54	10 59	6 25
W17	21 9	11 18	2 45	24 27	1 50	23 23	0 32	23 50	0 46	22 36	0 19	0 50	2 16	23 33	0 10	21 32	1 25	19 3	15 44	1 46	1 9	0 56	10 59	6 24
T 18	21 20	14 36	3 44	24 41	1 54	23 33	0 34	23 54	0 47	22 37	0 19	0 52	2 17	23 33	0 10	21 32	1 25	19 3	15 44	1 43	1 8	0 57	10 59	6 24
F 19	21 31	16 57	4 28	24 54	1 58	23 41	0 36	23 58	0 47	22 38	0 19	0 53	2 17	23 33	0 10	21 32	1 25	19 2	15 44	1 39	1 7	0 59	10 58	6 24
S 20	21 41	18 13	4 55	25 5	2 2	23 49	0 39	24 1	0 47	22 40	0 18	0 55	2 17	23 33	0 10	21 32	1 25	19 2	15 43	1 35	1 5	1 1	10 58	6 23
S 21	21 50	18 23	5 3	25 15	2 5	23 56	0 41	24 4	0 48	22 41	0 18	0 57	2 17	23 33	0 10	21 32	1 25	19 2	15 43	1 31	1 4	1 3	10 58	6 23
M22	22 0	17 30	4 55	25 24	2 8	24 3	0 43	24 7	0 48	22 42	0 18	0 59	2 18	23 33	0 10	21 32	1 25	19 2	15 43	1 26	1 3	1 5	10 57	6 22
T 23	22 8	15 42	4 31	25 31	2 10	24 8	0 45	24 10	0 49	22 44	0 18	1 0	2 18	23 33	0 10	21 31	1 25	19 1	15 42	1 23	1 2	1 7	10 57	6 22
W24	22 17	13 12	3 55	25 37	2 12	24 13	0 48	24 12	0 49	22 45	0 18	1 2	2 18	23 34	0 10	21 31	1 25	19 1	15 42	1 20	1 0	1 9	10 57	6 22
T 25	22 25	10 10	3 8	25 42	2 14	24 17	0 50	24 14	0 50	22 46	0 18	1 3	2 18	23 34	0 10	21 31	1 25	19 1	15 42	1 19	0 59	1 10	10 56	6 21
F 26	22 32	6 46	2 14	25 44	2 15	24 21	0 52	24 16	0 50	22 47	0 18	1 5	2 18	23 34	0 10	21 31	1 25	19 0	15 41	1 18	0 58	1 12	10 56	6 21
S 27	22 39	3 9	1 14	25 46	2 16	24 24	0 54	24 18	0 50	22 48	0 18	1 6	2 19	23 34	0 10	21 31	1 25	19 0	15 41	1 18	0 56	1 14	10 56	6 20
S 28	22 46	0n35	0 12	25 46	2 17	24 26	0 56	24 19	0 51	22 49	0 18	1 8	2 19	23 34	0 10	21 31	1 25	19 0	15 41	1 18	0 55	1 16	10 55	6 20
M29	22 52	4 18	0s51	25 44	2 17	24 27	0 58	24 20	0 51	22 51	0 18	1 9	2 19	23 34	0 10	21 31	1 25	18 59	15 40	1 18	0 54	1 18	10 55	6 20
T 30	22s57	7n52	1s51	25s41	2s16	24s27	1s 0	24s21	0s52	22s52	0n17	1s10	2n19	23s34	0s10	21n30	1s25	18s59	15s40	1s17	0s53	1n20	10s54	6n19

Julian Day Number = 2294074.5, Delta T = 140.82 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'25, Lahiri = 17°50'25 Julian Calendar 1 Nov. 1568 == Greg. Calendar 11 Nov. 1568

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ASTRODIENST EPHEMERIS for the year 1568
geocentric

DECEMBER 1568 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 18 37	19♐ 6'53	6♉47	6♑ 5	4♑37	0♑ 1	20♐43	8♎24	25♐ 9	17°R40	18♓20	3°R 9	2♎ 9	3♈44	12♒59	W 1
T 2	5 22 34	20° 7'58	19° 6	7°32	5°52	0°47	20°57	8°27	25°12	17♊38	18°21	3♎ 2	2° 6	3°50	13° 2	T 2
F 3	5 26 30	21° 9'03	1♊41	8°58	7° 7	1°33	21°11	8°31	25°16	17°36	18°21	2°52	2° 3	3°57	13° 5	F 3
S 4	5 30 27	22°10'10	14°34	10°22	8°23	2°19	21°25	8°35	25°19	17°35	18°21	2°40	1°59	4° 4	13° 8	S 4
S 5	5 34 23	23°11'16	27°43	11°45	9°38	3° 5	21°38	8°39	25°23	17°33	18°21	2°26	1°56	4°10	13°11	S 5
M 6	5 38 20	24°12'23	11♋ 8	13° 6	10°53	3°51	21°52	8°42	25°27	17°31	18°22	2°13	1°53	4°17	13°14	M 6
T 7	5 42 16	25°13'31	24°46	14°24	12° 8	4°37	22° 6	8°45	25°30	17°30	18°22	2° 1	1°50	4°24	13°18	T 7
W 8	5 46 13	26°14'39	8♌33	15°39	13°23	5°23	22°19	8°49	25°34	17°28	18°23	1°52	1°47	4°30	13°21	W 8
T 9	5 50 10	27°15'47	22°26	16°51	14°38	6°10	22°33	8°52	25°38	17°26	18°23	1°46	1°44	4°37	13°25	T 9
F 10	5 54 6	28°16'56	6♍24	17°59	15°54	6°56	22°47	8°55	25°41	17°25	18°23	1°42	1°40	4°44	13°28	F 10
S 11	5 58 3	29°18'06	20°26	19° 2	17° 9	7°42	23° 1	8°58	25°45	17°23	18°24	1°41	1°37	4°50	13°31	S 11
S 12	6 1 59	0♎19'16	4♎30	20° 0	18°24	8°28	23°14	9° 1	25°48	17°21	18°24	1°41	1°34	4°57	13°35	S 12
M13	6 5 56	1°20'27	18°35	20°52	19°39	9°15	23°28	9° 4	25°52	17°20	18°25	1°41	1°31	5° 4	13°39	M13
T 14	6 9 52	2°21'38	2♏42	21°37	20°54	10° 1	23°42	9° 7	25°56	17°18	18°25	1°39	1°28	5°10	13°42	T 14
W15	6 13 49	3°22'50	16°48	22°14	22° 9	10°48	23°55	9° 9	25°59	17°16	18°26	1°34	1°25	5°17	13°46	W15
T 16	6 17 46	4°24'02	0♐51	22°43	23°24	11°34	24° 9	9°12	26° 3	17°15	18°26	1°26	1°21	5°24	13°50	T 16
F 17	6 21 42	5°25'14	14°47	23° 2	24°39	12°21	24°23	9°14	26° 6	17°13	18°27	1°15	1°18	5°30	13°53	F 17
S 18	6 25 39	6°26'27	28°32	23°R10	25°54	13° 7	24°36	9°17	26°10	17°12	18°27	1° 2	1°15	5°37	13°57	S 18
S 19	6 29 35	7°27'39	12♑ 3	23° 8	27° 9	13°54	24°50	9°19	26°14	17°10	18°28	0°49	1°12	5°43	14° 1	S 19
M20	6 33 32	8°28'51	25°16	22°53	28°24	14°40	25° 3	9°21	26°17	17° 8	18°29	0°36	1° 9	5°50	14° 5	M20
T 21	6 37 28	9°30'03	8♒10	22°27	29°39	15°27	25°17	9°23	26°21	17° 7	18°29	0°25	1° 5	5°57	14° 8	T 21
W22	6 41 25	10°31'15	20°45	21°49	0♒54	16°14	25°30	9°25	26°24	17° 5	18°30	0°16	1° 2	6° 3	14°12	W22
T 23	6 45 21	11°32'26	3♓ 2	21° 0	2° 9	17° 0	25°44	9°27	26°28	17° 4	18°31	0°11	0°59	6°10	14°16	T 23
F 24	6 49 18	12°33'37	15° 5	20° 1	3°24	17°47	25°57	9°28	26°31	17° 2	18°32	0° 8	0°56	6°17	14°20	F 24
S 25	6 53 15	13°34'47	26°58	18°54	4°39	18°34	26°11	9°30	26°35	17° 1	18°32	0°D 7	0°53	6°23	14°24	S 25
S 26	6 57 11	14°35'57	8♈45	17°40	5°54	19°21	26°24	9°32	26°38	16°59	18°33	0°R 7	0°50	6°30	14°28	S 26
M27	7 1 8	15°37'06	20°34	16°22	7° 9	20° 7	26°38	9°33	26°42	16°58	18°34	0° 7	0°46	6°37	14°32	M27
T 28	7 5 4	16°38'15	2♉28	15° 2	8°24	20°54	26°51	9°34	26°45	16°56	18°35	0° 6	0°43	6°43	14°36	T 28
W29	7 9 1	17°39'23	14°34	13°44	9°39	21°41	27° 4	9°35	26°49	16°55	18°36	0° 2	0°40	6°50	14°40	W29
T 30	7 12 57	18°40'30	26°56	12°29	10°54	22°28	27°18	9°37	26°52	16°54	18°36	29♍56	0°37	6°57	14°44	T 30
F 31	7 16 54	19♑41'36	9♊38	11♑19	12♒ 9	23♑15	27♐31	9♎38	26♐56	16♊52	18♓37	29♍48	0♎34	7♈ 3	14♒49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 3	11n10	2s48	25s36	2s15	24s27	1s 2	24s22	0s52	22s53	0n17	1s12	2n20	23s35	0s10	21n30	1s25	18s58	15s40	1s15	0s51	1n21	10s54	6n19
T 2	23 7	14 3	3 38	25 30	2 13	24 26	1 4	24 22	0 52	22 54	0 17	1 13	2 20	23 35	0 10	21 30	1 25	18 58	15 39	1 13	0 50	1 23	10 53	6 19
F 3	23 12	16 20	4 18	25 22	2 11	24 24	1 6	24 22	0 53	22 55	0 17	1 14	2 20	23 35	0 10	21 30	1 25	18 58	15 39	1 8	0 49	1 25	10 53	6 18
S 4	23 16	17 52	4 46	25 13	2 8	24 21	1 8	24 21	0 53	22 56	0 17	1 16	2 20	23 35	0 10	21 30	1 25	18 57	15 39	1 4	0 48	1 27	10 52	6 18
S 5	23 19	18 29	4 59	25 2	2 4	24 18	1 10	24 21	0 54	22 57	0 17	1 17	2 21	23 35	0 10	21 30	1 25	18 57	15 38	0 58	0 46	1 29	10 52	6 18
M 6	23 22	18 6	4 57	24 50	1 59	24 14	1 11	24 20	0 54	22 58	0 17	1 18	2 21	23 35	0 10	21 30	1 25	18 56	15 38	0 53	0 45	1 31	10 51	6 17
T 7	23 24	16 40	4 38	24 36	1 54	24 9	1 13	24 19	0 54	22 59	0 17	1 19	2 21	23 35	0 10	21 29	1 25	18 56	15 38	0 48	0 44	1 32	10 50	6 17
W 8	23 26	14 16	4 2	24 21	1 48	24 3	1 15	24 18	0 55	22 59	0 17	1 20	2 22	23 36	0 10	21 29	1 25	18 55	15 37	0 45	0 43	1 34	10 50	6 17
T 9	23 28	11 3	3 12	24 5	1 41	23 57	1 16	24 16	0 55	23 0	0 17	1 21	2 22	23 36	0 10	21 29	1 25	18 55	15 37	0 42	0 41	1 36	10 49	6 16
F 10	23 29	7 11	2 9	23 48	1 32	23 50	1 18	24 14	0 55	23 1	0 17	1 22	2 22	23 36	0 10	21 29	1 25	18 55	15 37	0 41	0 40	1 38	10 48	6 16
S 11	23 29	2 54	0 59	23 31	1 23	23 42	1 19	24 12	0 56	23 2	0 16	1 23	2 22	23 36	0 10	21 29	1 25	18 54	15 36	0 40	0 39	1 40	10 48	6 16
S 12	23 30	1s34	0n15	23 12	1 13	23 34	1 21	24 9	0 56	23 3	0 16	1 24	2 23	23 36	0 10	21 29	1 25	18 54	15 36	0 40	0 37	1 41	10 47	6 15
M13	23 29	5 56	1 28	22 53	1 1	23 24	1 22	24 6	0 56	23 4	0 16	1 25	2 23	23 36	0 10	21 29	1 25	18 53	15 36	0 40	0 36	1 43	10 46	6 15
T 14	23 28	9 59	2 36	22 33	0 49	23 14	1 23	24 3	0 57	23 4	0 16	1 26	2 23	23 36	0 11	21 28	1 25	18 53	15 35	0 39	0 35	1 45	10 46	6 15
W15	23 27	13 28	3 34	22 14	0 35	23 4	1 25	24 0	0 57	23 5	0 16	1 26	2 23	23 36	0 11	21 28	1 25	18 52	15 35	0 37	0 34	1 47	10 45	6 14
T 16	23 25	16 9	4 19	21 54	0 20	22 52	1 26	23 56	0 57	23 6	0 16	1 27	2 24	23 37	0 11	21 28	1 25	18 52	15 35	0 34	0 32	1 49	10 44	6 14
F 17	23 23	17 51	4 48	21 35	0 4	22 40	1 27	23 52	0 58	23 6	0 16	1 28	2 24	23 37	0 11	21 28	1 25	18 51	15 34	0 30	0 31	1 51	10 43	6 14
S 18	23 20	18 29	5 0	21 17	0n13	22 27	1 28	23 48	0 58	23 7	0 16	1 28	2 24	23 37	0 11	21 28	1 25	18 50	15 34	0 25	0 30	1 52	10 43	6 13
S 19	23 17	18 3	4 55	20 59	0 31	22 14	1 29	23 44	0 58	23 8	0 16	1 29	2 25	23 37	0 11	21 28	1 25	18 50	15 34	0 19	0 29	1 54	10 42	6 13
M20	23 13	16 39	4 33	20 43	0 50	22 0	1 30	23 39	0 58	23 8	0 16	1 30	2 25	23 37	0 11	21 28	1 25	18 49	15 33	0 14	0 27	1 56	10 41	6 13
T 21	23 9	14 25	3 58	20 29	1 9	21 45	1 31	23 34	0 59	23 9	0 16	1 30	2 25	23 37	0 11	21 28	1 25	18 49	15 33	0 10	0 26	1 58	10 40	6 13
W22	23 4	11 34	3 13	20 16	1 29	21 30	1 32	23 29	0 59	23 9	0 16	1 31	2 25	23 37	0 11	21 27	1 25	18 48	15 33	0 6	0 25	2 0	10 39	6 12
T 23	22 59	8 16	2 18	20 4	1 48	21 14	1 33	23 23	0 59	23 10	0 15	1 31	2 26	23 37	0 11	21 27	1 25	18 48	15 32	0 4	0 24	2 2	10 39	6 12
F 24	22 54	4 41	1 19	19 55	2 6	20 57	1 33	23 18	1 0	23 10	0 15	1 32	2 26	23 37	0 11	21 27	1 25	18 47	15 32	0 3	0 22	2 3	10 38	6 12
S 25	22 48	0 57	0 17	19 47	2 23	20 40	1 34	23 11	1 0	23 11	0 15	1 32	2 26	23 38	0 11	21 27	1 25	18 47	15 32	0 3	0 21	2 5	10 37	6 12
S 26	22 41	2n47	0s46	19 41	2 39	20 22	1 35	23 5	1 0	23 11	0 15	1 32	2 27	23 38	0 11	21 27	1 25	18 46	15 31	0 3	0 20	2 7	10 36	6 11
M27	22 35	6 24	1 47	19 37	2 53	20 4	1 35	22 59	1 0	23 12	0 15	1 33	2 27	23 38	0 11	21 27	1 25	18 45	15 31	0 3	0 19	2 9	10 35	6 11
T 28	22 27	9 48	2 43	19 35	3 5	19 45	1 36	22 52	1 1	23 12	0 15	1 33	2 27	23 38	0 11	21 27	1 25	18 45	15 31	0 2	0 17	2 11	10 34	6 11
W29	22 19	12 51	3 33	19 34	3 14	19 25	1 36	22 45	1 1	23 13	0 15	1 33	2 27	23 38	0 11	21 27	1 25	18 44	15 31	0 1	0 16	2 13	10 33	6 11
T 30	22 11	15 23	4 15	19 34	3 21	19 5	1 36	22 37	1 1	23 13	0 15	1 33	2 28	23 38	0 11	21 27	1 25	18 44	15 30	0n 1	0 15	2 14	10 32	6 11
F 31	22s 3	17n15	4s44	19s36	3n25	18s44	1s37	22s29	1s 1	23s13	0n15	1s33	2n28	23s38	0s11	21n26	1s25	18s43	15s30	0n 5	0s13	2n16	10s31	6n10

Julian Day Number = 2294104.5, Delta T = 140.66 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'29, Lahiri = 17°50'30 Julian Calendar 1 Dec. 1568 == Greg. Calendar 11 Dec. 1568

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

JANUARY 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 20 50	20♑42'42	22♊42	10°R16	13♒23	24♑ 2	27♐44	9♎38	26♐59	16°R51	18♓38	29°R37	0♎31	7♈10	14♒53	S 1
S 2	7 24 47	21°43'47	6♋ 8	9♑21	14°38	24°49	27°57	9°39	27° 2	16♊49	18°39	29♍26	0°27	7°16	14°57	S 2
M 3	7 28 44	22°44'52	19°55	8°35	15°53	25°36	28°11	9°40	27° 6	16°48	18°40	29°14	0°24	7°23	15° 1	M 3
T 4	7 32 40	23°45'56	3♌58	7°58	17° 8	26°23	28°24	9°40	27° 9	16°47	18°41	29° 4	0°21	7°30	15° 5	T 4
W 5	7 36 37	24°46'59	18°12	7°31	18°22	27°10	28°37	9°41	27°12	16°46	18°42	28°55	0°18	7°36	15°10	W 5
T 6	7 40 33	25°48'01	2♍33	7°13	19°37	27°57	28°50	9°41	27°16	16°44	18°43	28°50	0°15	7°43	15°14	T 6
F 7	7 44 30	26°49'03	16°55	7° 4	20°52	28°44	29° 3	9°41	27°19	16°43	18°44	28°47	0°11	7°50	15°18	F 7
S 8	7 48 26	27°50'04	1♎14	7°D 3	22° 6	29°31	29°16	9°41	27°22	16°42	18°45	28°D47	0° 8	7°56	15°22	S 8
S 9	7 52 23	28°51'05	15°27	7°10	23°21	0♒18	29°29	9°R41	27°25	16°41	18°46	28°47	0° 5	8° 3	15°27	S 9
M10	7 56 19	29°52'06	29°33	7°24	24°35	1° 5	29°41	9°41	27°29	16°40	18°47	28°R48	0° 2	8°10	15°31	M10
T 11	8 0 16	0♒53'05	13♏30	7°45	25°50	1°53	29°54	9°41	27°32	16°38	18°48	28°47	29♍59	8°16	15°35	T 11
W12	8 4 13	1°54'04	27°19	8°13	27° 4	2°40	0♑ 7	9°41	27°35	16°37	18°49	28°44	29°56	8°23	15°40	W12
T 13	8 8 9	2°55'03	10♐59	8°45	28°19	3°27	0°20	9°40	27°38	16°36	18°51	28°39	29°52	8°30	15°44	T 13
F 14	8 12 6	3°56'01	24°29	9°23	29°33	4°14	0°32	9°40	27°41	16°35	18°52	28°31	29°49	8°36	15°48	F 14
S 15	8 16 2	4°56'58	7♑48	10° 6	0♓48	5° 1	0°45	9°39	27°44	16°34	18°53	28°22	29°46	8°43	15°53	S 15
S 16	8 19 59	5°57'54	20°55	10°52	2° 2	5°49	0°57	9°39	27°47	16°33	18°54	28°12	29°43	8°50	15°57	S 16
M17	8 23 55	6°58'49	3♒47	11°43	3°17	6°36	1°10	9°38	27°50	16°32	18°55	28° 2	29°40	8°56	16° 2	M17
T 18	8 27 52	7°59'42	16°25	12°37	4°31	7°23	1°22	9°37	27°53	16°31	18°56	27°54	29°37	9° 3	16° 6	T 18
W19	8 31 48	9° 0'35	28°49	13°34	5°45	8°11	1°34	9°36	27°56	16°30	18°58	27°48	29°33	9° 9	16°10	W19
T 20	8 35 45	10° 1'26	11♓ 0	14°34	7° 0	8°58	1°47	9°35	27°59	16°29	18°59	27°44	29°30	9°16	16°15	T 20
F 21	8 39 42	11° 2'16	22°59	15°36	8°14	9°45	1°59	9°33	28° 2	16°29	19° 0	27°D42	29°27	9°23	16°19	F 21
S 22	8 43 38	12° 3'05	4♈50	16°42	9°28	10°32	2°11	9°32	28° 5	16°28	19° 1	27°42	29°24	9°29	16°24	S 22
S 23	8 47 35	13° 3'51	16°38	17°49	10°42	11°20	2°23	9°30	28° 8	16°27	19° 3	27°44	29°21	9°36	16°28	S 23
M24	8 51 31	14° 4'37	28°26	18°58	11°56	12° 7	2°35	9°29	28°11	16°26	19° 4	27°45	29°17	9°43	16°33	M24
T 25	8 55 28	15° 5'21	10♉19	20°10	13°10	12°55	2°47	9°27	28°13	16°26	19° 5	27°R46	29°14	9°49	16°37	T 25
W26	8 59 24	16° 6'03	22°23	21°23	14°24	13°42	2°59	9°25	28°16	16°25	19° 7	27°46	29°11	9°56	16°42	W26
T 27	9 3 21	17° 6'44	4♊44	22°38	15°38	14°29	3°11	9°24	28°19	16°24	19° 8	27°44	29° 8	10° 3	16°46	T 27
F 28	9 7 17	18° 7'22	17°25	23°54	16°52	15°17	3°22	9°22	28°22	16°24	19° 9	27°41	29° 5	10° 9	16°50	F 28
S 29	9 11 14	19° 8'00	0♋30	25°12	18° 6	16° 4	3°34	9°19	28°24	16°23	19°11	27°36	29° 2	10°16	16°55	S 29
S 30	9 15 11	20° 8'35	14° 1	26°31	19°20	16°51	3°45	9°17	28°27	16°22	19°12	27°30	28°58	10°23	16°59	S 30
M31	9 19 7	21♒ 9'09	27♋57	27♑52	20♓34	17♒39	3♑57	9♎15	28♐29	16♊22	19♓13	27♍24	28♍55	10♈29	17♒ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s54	18n17	5s 0	19s40	3n27	18s23	1s37	22s22	1s 1	23s14	0n15	1s33	2n28	23s38	0s11	21n26	1s24	18s42	15s30	0n 9	0s12	2n18	10s30	6n10
S 2	21 44	18 21	5 1	19 44	3 26	18 1	1 37	22 13	1 2	23 14	0 15	1 33	2 29	23 38	0 11	21 26	1 24	18 42	15 29	0 14	0 11	2 20	10 29	6 10
M 3	21 34	17 20	4 43	19 49	3 24	17 39	1 37	22 5	1 2	23 14	0 15	1 33	2 29	23 38	0 11	21 26	1 24	18 41	15 29	0 18	0 10	2 22	10 28	6 10
T 4	21 24	15 16	4 9	19 56	3 20	17 16	1 37	21 56	1 2	23 14	0 14	1 33	2 29	23 38	0 11	21 26	1 24	18 40	15 29	0 22	0 8	2 24	10 27	6 10
W 5	21 13	12 15	3 19	20 3	3 14	16 53	1 37	21 47	1 2	23 15	0 14	1 33	2 29	23 39	0 11	21 26	1 24	18 40	15 29	0 26	0 7	2 25	10 26	6 9
T 6	21 2	8 29	2 15	20 11	3 7	16 30	1 37	21 38	1 2	23 15	0 14	1 33	2 30	23 39	0 11	21 26	1 24	18 39	15 28	0 28	0 6	2 27	10 25	6 9
F 7	20 50	4 13	1 3	20 19	2 59	16 6	1 36	21 29	1 3	23 15	0 14	1 33	2 30	23 39	0 11	21 26	1 24	18 39	15 28	0 29	0 5	2 29	10 24	6 9
S 8	20 38	0s17	0n13	20 28	2 50	15 41	1 36	21 19	1 3	23 15	0 14	1 33	2 30	23 39	0 11	21 26	1 24	18 38	15 28	0 29	0 3	2 31	10 23	6 9
S 9	20 26	4 44	1 28	20 37	2 41	15 16	1 35	21 9	1 3	23 15	0 14	1 32	2 31	23 39	0 11	21 26	1 24	18 37	15 28	0 29	0 2	2 33	10 22	6 9
M10	20 13	8 53	2 37	20 46	2 31	14 51	1 35	20 59	1 3	23 16	0 14	1 32	2 31	23 39	0 11	21 26	1 24	18 37	15 27	0 29	0 1	2 34	10 21	6 9
T 11	20 0	12 30	3 36	20 55	2 21	14 25	1 34	20 49	1 3	23 16	0 14	1 32	2 31	23 39	0 11	21 26	1 24	18 36	15 27	0 29	0n 0	2 36	10 19	6 9
W12	19 47	15 22	4 21	21 4	2 10	13 59	1 34	20 38	1 3	23 16	0 14	1 31	2 31	23 39	0 11	21 25	1 24	18 35	15 27	0 30	0 2	2 38	10 18	6 8
T 13	19 33	17 20	4 52	21 13	2 0	13 32	1 33	20 27	1 4	23 16	0 14	1 31	2 32	23 39	0 11	21 25	1 24	18 35	15 27	0 32	0 3	2 40	10 17	6 8
F 14	19 19	18 18	5 5	21 21	1 49	13 6	1 32	20 16	1 4	23 16	0 14	1 31	2 32	23 39	0 11	21 25	1 24	18 34	15 26	0 35	0 4	2 42	10 16	6 8
S 15	19 4	18 14	5 2	21 28	1 38	12 38	1 31	20 5	1 4	23 16	0 14	1 30	2 32	23 39	0 11	21 25	1 24	18 33	15 26	0 39	0 6	2 44	10 15	6 8
S 16	18 49	17 12	4 43	21 35	1 28	12 11	1 30	19 54	1 4	23 16	0 14	1 29	2 33	23 39	0 11	21 25	1 24	18 33	15 26	0 43	0 7	2 45	10 14	6 8
M17	18 34	15 19	4 9	21 42	1 17	11 43	1 29	19 42	1 4	23 16	0 13	1 29	2 33	23 39	0 11	21 25	1 24	18 32	15 26	0 47	0 8	2 47	10 13	6 8
T 18	18 19	12 42	3 24	21 47	1 7	11 15	1 28	19 30	1 4	23 16	0 13	1 28	2 33	23 39	0 11	21 25	1 24	18 31	15 26	0 50	0 9	2 49	10 11	6 8
W19	18 3	9 34	2 30	21 52	0 56	10 46	1 27	19 18	1 4	23 16	0 13	1 28	2 33	23 40	0 11	21 25	1 24	18 31	15 25	0 53	0 11	2 51	10 10	6 8
T 20	17 46	6 5	1 29	21 56	0 46	10 18	1 26	19 5	1 4	23 16	0 13	1 27	2 34	23 40	0 11	21 25	1 24	18 30	15 25	0 54	0 12	2 53	10 9	6 8
F 21	17 30	2 24	0 26	21 59	0 36	9 49	1 25	18 53	1 4	23 15	0 13	1 26	2 34	23 40	0 11	21 25	1 24	18 29	15 25	0 55	0 13	2 54	10 8	6 8
S 22	17 13	1n20	0s39	22 1	0 26	9 19	1 23	18 40	1 5	23 15	0 13	1 25	2 34	23 40	0 11	21 25	1 24	18 29	15 25	0 55	0 14	2 56	10 6	6 7
S 23	16 56	5 0	1 41	22 2	0 17	8 50	1 22	18 27	1 5	23 15	0 13	1 25	2 34	23 40	0 11	21 25	1 24	18 28	15 25	0 54	0 16	2 58	10 5	6 7
M24	16 38	8 28	2 39	22 1	0 7	8 20	1 20	18 14	1 5	23 15	0 13	1 24	2 35	23 40	0 11	21 25	1 23	18 27	15 24	0 54	0 17	3 0	10 4	6 7
T 25	16 21	11 37	3 31	22 0	0s 2	7 50	1 19	18 1	1 5	23 15	0 13	1 23	2 35	23 40	0 11	21 25	1 23	18 27	15 24	0 53	0 18	3 2	10 3	6 7
W26	16 3	14 19	4 14	21 58	0 11	7 20	1 17	17 47	1 5	23 15	0 13	1 22	2 35	23 40	0 11	21 25	1 23	18 26	15 24	0 53	0 19	3 4	10 1	6 7
T 27	15 44	16 26	4 47	21 54	0 19	6 50	1 15	17 33	1 5	23 15	0 13	1 21	2 35	23 40	0 11	21 25	1 23	18 25	15 24	0 54	0 21	3 5	10 0	6 7
F 28	15 26	17 49	5 6	21 49	0 27	6 20	1 14	17 19	1 5	23 14	0 13	1 20	2 36	23 40	0 11	21 25	1 23	18 24	15 24	0 55	0 22	3 7	9 59	6 7
S 29	15 7	18 19	5 11	21 43	0 35	5 49	1 12	17 5	1 5	23 14	0 13	1 19	2 36	23 40	0 11	21 25	1 23	18 24	15 23	0 57	0 23	3 9	9 58	6 7
S 30	14 48	17 48	4 58	21 36	0 43	5 18	1 10	16 51	1 5	23 14	0 12	1 18	2 36	23 40	0 11	21 25	1 23	18 23	15 23	1 0	0 25	3 11	9 56	6 7
M31	14s29	16n14	4s28	21s28	0s51	4s47	1s 8	16s37	1s 5	23s14	0n12	1s17	2n36	23s40	0s11	21n25	1s23	18s22	15s23	1n 2	0n26	3n13	9s55	6n 7

Julian Day Number = 2294135.5, Delta T = 140.49 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'33, Lahiri = 17°50'34 Julian Calendar 1 Jan. 1569 == Greg. Calendar 11 Jan. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

FEBRUARY 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 23 4	22♒ 9'41	12♌16	29♉14	21♓47	18♒26	4♉ 8	9°R13	28♐32	16°R21	19♓15	27°R18	28♍52	10♈36	17♒ 8	T 1
W 2	9 27 0	23°10'12	26°52	0♒37	23° 1	19°13	4°19	9♎10	28°34	16♊21	19°16	27♍14	28°49	10°43	17°13	W 2
T 3	9 30 57	24°10'41	11♍39	2° 2	24°15	20° 1	4°31	9° 8	28°37	16°20	19°18	27°11	28°46	10°49	17°17	T 3
F 4	9 34 53	25°11'08	26°28	3°27	25°28	20°48	4°42	9° 5	28°39	16°20	19°19	27°D11	28°43	10°56	17°21	F 4
S 5	9 38 50	26°11'34	11♎12	4°54	26°42	21°36	4°53	9° 2	28°41	16°20	19°20	27°11	28°39	11° 2	17°26	S 5
S 6	9 42 46	27°11'58	25°47	6°22	27°55	22°23	5° 4	9° 0	28°44	16°19	19°22	27°13	28°36	11° 9	17°30	S 6
M 7	9 46 43	28°12'22	10♏ 7	7°51	29° 9	23°10	5°15	8°57	28°46	16°19	19°23	27°14	28°33	11°16	17°35	M 7
T 8	9 50 40	29°12'43	24°10	9°21	0♈22	23°58	5°25	8°54	28°48	16°19	19°25	27°R15	28°30	11°22	17°39	T 8
W 9	9 54 36	0♓13'04	7♐57	10°52	1°35	24°45	5°36	8°51	28°50	16°18	19°26	27°15	28°27	11°29	17°43	W 9
T 10	9 58 33	1°13'23	21°26	12°24	2°49	25°32	5°46	8°48	28°53	16°18	19°28	27°13	28°23	11°36	17°48	T 10
F 11	10 2 29	2°13'40	4♉39	13°57	4° 2	26°20	5°57	8°44	28°55	16°18	19°29	27°11	28°20	11°42	17°52	F 11
S 12	10 6 26	3°13'56	17°37	15°31	5°15	27° 7	6° 7	8°41	28°57	16°18	19°31	27° 7	28°17	11°49	17°56	S 12
S 13	10 10 22	4°14'11	0♒22	17° 6	6°28	27°54	6°17	8°38	28°59	16°18	19°32	27° 4	28°14	11°56	18° 1	S 13
M14	10 14 19	5°14'23	12°53	18°42	7°41	28°42	6°28	8°34	29° 1	16°18	19°34	27° 0	28°11	12° 2	18° 5	M14
T 15	10 18 15	6°14'34	25°13	20°19	8°54	29°29	6°38	8°31	29° 3	16°18	19°35	26°57	28° 8	12° 9	18° 9	T 15
W16	10 22 12	7°14'44	7♓23	21°58	10° 7	0♓16	6°48	8°27	29° 5	16°D18	19°37	26°55	28° 4	12°16	18°13	W16
T 17	10 26 8	8°14'51	19°24	23°37	11°20	1° 4	6°57	8°24	29° 6	16°18	19°38	26°54	28° 1	12°22	18°18	T 17
F 18	10 30 5	9°14'56	1♈18	25°18	12°32	1°51	7° 7	8°20	29° 8	16°18	19°40	26°D53	27°58	12°29	18°22	F 18
S 19	10 34 2	10°14'59	13° 7	26°59	13°45	2°38	7°17	8°16	29°10	16°18	19°41	26°54	27°55	12°36	18°26	S 19
S 20	10 37 58	11°15'01	24°54	28°42	14°58	3°26	7°26	8°12	29°12	16°18	19°43	26°55	27°52	12°42	18°30	S 20
M21	10 41 55	12°15'00	6♉42	0♓26	16°10	4°13	7°36	8° 8	29°13	16°18	19°44	26°57	27°48	12°49	18°34	M21
T 22	10 45 51	13°14'57	18°36	2°11	17°23	5° 0	7°45	8° 4	29°15	16°18	19°46	26°58	27°45	12°55	18°39	T 22
W23	10 49 48	14°14'52	0♊39	3°57	18°35	5°47	7°54	8° 0	29°16	16°19	19°47	26°59	27°42	13° 2	18°43	W23
T 24	10 53 44	15°14'44	12°57	5°44	19°47	6°35	8° 3	7°56	29°18	16°19	19°49	26°R59	27°39	13° 9	18°47	T 24
F 25	10 57 41	16°14'35	25°34	7°32	21° 0	7°22	8°12	7°52	29°19	16°19	19°50	26°59	27°36	13°15	18°51	F 25
S 26	11 1 37	17°14'23	8♋34	9°22	22°12	8° 9	8°21	7°48	29°21	16°20	19°52	26°59	27°33	13°22	18°55	S 26
S 27	11 5 34	18°14'09	21°59	11°13	23°24	8°56	8°29	7°44	29°22	16°20	19°53	26°58	27°29	13°29	18°59	S 27
M28	11 9 31	19♓13'53	5♌52	13♓ 4	24♈36	9♓43	8♉38	7♎39	29♐23	16♊20	19♓55	26♍57	27♍26	13♈35	19♒ 3	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 9	13n37	3s41	21s18	0s58	4s16	1s 6	16s22	1s 5	23s13	0n12	1s15	2n37	23s40	0s11	21n25	1s23	18s22	15s23	1n 4	0n27	3n14	9s54	6n 7
W 2	13 50	10 6	2 38	21 7	1 5	3 45	1 4	16 7	1 5	23 13	0 12	1 14	2 37	23 40	0 11	21 25	1 23	18 21	15 23	1 6	0 28	3 16	9 53	6 7
T 3	13 30	5 55	1 24	20 55	1 11	3 14	1 2	15 52	1 5	23 13	0 12	1 13	2 37	23 40	0 11	21 25	1 23	18 20	15 23	1 7	0 30	3 18	9 51	6 7
F 4	13 9	1 21	0 4	20 41	1 18	2 43	0 59	15 37	1 5	23 12	0 12	1 12	2 37	23 40	0 11	21 25	1 23	18 20	15 23	1 7	0 31	3 20	9 50	6 7
S 5	12 49	3s16	1n16	20 26	1 23	2 11	0 57	15 22	1 5	23 12	0 12	1 11	2 38	23 40	0 11	21 25	1 23	18 19	15 23	1 7	0 32	3 22	9 49	6 7
S 6	12 28	7 39	2 31	20 10	1 29	1 40	0 55	15 6	1 5	23 12	0 12	1 9	2 38	23 40	0 11	21 25	1 23	18 18	15 22	1 7	0 33	3 23	9 47	6 7
M 7	12 7	11 30	3 34	19 52	1 34	1 8	0 52	14 51	1 5	23 11	0 12	1 8	2 38	23 40	0 11	21 25	1 23	18 18	15 22	1 6	0 35	3 25	9 46	6 7
T 8	11 46	14 36	4 24	19 33	1 39	0 37	0 50	14 35	1 5	23 11	0 12	1 7	2 38	23 41	0 11	21 25	1 23	18 17	15 22	1 6	0 36	3 27	9 45	6 7
W 9	11 25	16 48	4 57	19 13	1 44	0 5	0 47	14 19	1 5	23 11	0 12	1 5	2 39	23 41	0 11	21 25	1 23	18 16	15 22	1 6	0 37	3 29	9 43	6 7
T 10	11 4	18 1	5 13	18 51	1 48	0n26	0 45	14 3	1 5	23 10	0 12	1 4	2 39	23 41	0 11	21 25	1 23	18 16	15 22	1 6	0 38	3 31	9 42	6 7
F 11	10 42	18 13	5 12	18 28	1 52	0 58	0 42	13 47	1 5	23 10	0 12	1 2	2 39	23 41	0 11	21 25	1 23	18 15	15 22	1 7	0 40	3 32	9 41	6 7
S 12	10 21	17 28	4 55	18 4	1 56	1 29	0 39	13 31	1 5	23 10	0 12	1 1	2 39	23 41	0 11	21 25	1 22	18 14	15 22	1 9	0 41	3 34	9 39	6 7
S 13	9 59	15 50	4 23	17 38	1 59	2 1	0 36	13 14	1 5	23 9	0 11	0 59	2 39	23 41	0 11	21 25	1 22	18 14	15 22	1 10	0 42	3 36	9 38	6 8
M14	9 37	13 28	3 40	17 11	2 2	2 32	0 34	12 58	1 4	23 9	0 11	0 58	2 40	23 41	0 11	21 25	1 22	18 13	15 22	1 12	0 44	3 38	9 37	6 8
T 15	9 14	10 32	2 46	16 42	2 4	3 4	0 31	12 41	1 4	23 8	0 11	0 56	2 40	23 41	0 11	21 25	1 22	18 12	15 22	1 13	0 45	3 40	9 35	6 8
W16	8 52	7 11	1 46	16 12	2 6	3 35	0 28	12 24	1 4	23 8	0 11	0 55	2 40	23 41	0 11	21 25	1 22	18 12	15 22	1 14	0 46	3 42	9 34	6 8
T 17	8 30	3 34	0 41	15 41	2 8	4 7	0 25	12 7	1 4	23 7	0 11	0 53	2 40	23 41	0 11	21 25	1 22	18 11	15 21	1 14	0 47	3 43	9 32	6 8
F 18	8 7	0n 9	0s24	15 9	2 9	4 38	0 22	11 50	1 4	23 7	0 11	0 51	2 40	23 41	0 11	21 25	1 22	18 10	15 21	1 14	0 49	3 45	9 31	6 8
S 19	7 45	3 50	1 29	14 34	2 10	5 9	0 19	11 33	1 4	23 7	0 11	0 50	2 41	23 41	0 11	21 25	1 22	18 10	15 21	1 14	0 50	3 47	9 30	6 8
S 20	7 22	7 21	2 29	13 59	2 10	5 40	0 16	11 16	1 4	23 6	0 11	0 48	2 41	23 41	0 11	21 26	1 22	18 9	15 21	1 14	0 51	3 49	9 28	6 8
M21	6 59	10 35	3 23	13 22	2 10	6 11	0 13	10 58	1 4	23 6	0 11	0 46	2 41	23 41	0 12	21 26	1 22	18 8	15 21	1 13	0 52	3 51	9 27	6 8
T 22	6 36	13 24	4 9	12 44	2 10	6 41	0 10	10 41	1 4	23 5	0 11	0 45	2 41	23 41	0 12	21 26	1 22	18 8	15 21	1 12	0 54	3 52	9 26	6 8
W23	6 13	15 41	4 45	12 5	2 9	7 12	0 6	10 23	1 3	23 5	0 11	0 43	2 41	23 41	0 12	21 26	1 22	18 7	15 21	1 12	0 55	3 54	9 24	6 8
T 24	5 50	17 18	5 8	11 24	2 7	7 43	0 3	10 6	1 3	23 4	0 11	0 41	2 41	23 41	0 12	21 26	1 22	18 7	15 21	1 12	0 56	3 56	9 23	6 9
F 25	5 26	18 8	5 17	10 42	2 5	8 13	0n 0	9 48	1 3	23 4	0 11	0 39	2 41	23 41	0 12	21 26	1 22	18 6	15 21	1 12	0 57	3 58	9 22	6 9
S 26	5 3	18 2	5 11	9 58	2 3	8 43	0 3	9 30	1 3	23 3	0 10	0 38	2 42	23 41	0 12	21 26	1 22	18 5	15 21	1 12	0 59	4 0	9 20	6 9
S 27	4 40	16 57	4 48	9 13	2 0	9 13	0 7	9 12	1 3	23 3	0 10	0 36	2 42	23 41	0 12	21 26	1 22	18 5	15 21	1 13	1 0	4 1	9 19	6 9
M28	4s16	14n51	4s 7	8s27	1s56	9n42	0n10	8s54	1s 3	23s 2	0n10	0s34	2n42	23s41	0s12	21n26	1s22	18s 4	15s21	1n13	1n 1	4n 3	9s18	6n 9

Julian Day Number = 2294166.5, Delta T = 140.33 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'38, Lahiri = 17°50'38 Julian Calendar 1 Feb. 1569 == Greg. Calendar 11 Feb. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

MARCH 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 13 27	20♓13'34	20♌11	14♓58	25♈48	10♓30	8♑46	7°R35	29♐25	16♊21	19♓56	26°R56	27♍23	13♈42	19♒ 7	T 1
W 2	11 17 24	21°13'13	4♍53	16°52	27° 0	11°17	8°54	7♎31	29°26	16°21	19°58	26♍55	27°20	13°49	19°11	W 2
T 3	11 21 20	22°12'50	19°52	18°47	28°11	12° 5	9° 2	7°26	29°27	16°22	20° 0	26°D55	27°17	13°55	19°15	T 3
F 4	11 25 17	23°12'25	5♎ 0	20°44	29°23	12°52	9°10	7°22	29°28	16°22	20° 1	26°55	27°14	14° 2	19°18	F 4
S 5	11 29 13	24°11'58	20° 7	22°41	0♏34	13°39	9°18	7°18	29°29	16°23	20° 3	26°55	27°10	14° 9	19°22	S 5
S 6	11 33 10	25°11'29	5♏ 4	24°40	1°46	14°26	9°26	7°13	29°30	16°24	20° 4	26°55	27° 7	14°15	19°26	S 6
M 7	11 37 6	26°10'59	19°45	26°39	2°57	15°13	9°34	7° 9	29°31	16°24	20° 6	26°55	27° 4	14°22	19°30	M 7
T 8	11 41 3	27°10'26	4♐ 4	28°40	4° 9	16° 0	9°41	7° 4	29°32	16°25	20° 7	26°R56	27° 1	14°29	19°34	T 8
W 9	11 45 0	28° 9'52	18° 0	0♈41	5°20	16°47	9°48	6°59	29°33	16°26	20° 9	26°55	26°58	14°35	19°37	W 9
T 10	11 48 56	29° 9'16	1♑31	2°43	6°31	17°33	9°55	6°55	29°34	16°26	20°10	26°D55	26°54	14°42	19°41	T 10
F 11	11 52 53	0♈ 8'38	14°39	4°45	7°42	18°20	10° 2	6°50	29°34	16°27	20°12	26°56	26°51	14°49	19°45	F 11
S 12	11 56 49	1° 7'59	27°27	6°47	8°53	19° 7	10° 9	6°46	29°35	16°28	20°13	26°56	26°48	14°55	19°48	S 12
S 13	12 0 46	2° 7'17	9♒57	8°50	10° 3	19°54	10°16	6°41	29°36	16°29	20°15	26°56	26°45	15° 2	19°52	S 13
M14	12 4 42	3° 6'34	22°14	10°52	11°14	20°41	10°23	6°36	29°36	16°30	20°16	26°57	26°42	15° 9	19°55	M14
T 15	12 8 39	4° 5'49	4♓20	12°54	12°25	21°28	10°29	6°32	29°37	16°30	20°18	26°58	26°39	15°15	19°59	T 15
W16	12 12 35	5° 5'02	16°18	14°55	13°35	22°14	10°35	6°27	29°37	16°31	20°19	26°58	26°35	15°22	20° 2	W16
T 17	12 16 32	6° 4'13	28°10	16°54	14°45	23° 1	10°41	6°22	29°38	16°32	20°21	26°R58	26°32	15°28	20° 5	T 17
F 18	12 20 28	7° 3'22	9♈59	18°52	15°56	23°48	10°47	6°18	29°38	16°33	20°22	26°58	26°29	15°35	20° 9	F 18
S 19	12 24 25	8° 2'29	21°46	20°48	17° 6	24°35	10°53	6°13	29°38	16°34	20°24	26°57	26°26	15°42	20°12	S 19
S 20	12 28 22	9° 1'33	3♉35	22°42	18°16	25°21	10°59	6° 8	29°39	16°35	20°25	26°56	26°23	15°48	20°15	S 20
M21	12 32 18	10° 0'36	15°27	24°33	19°26	26° 8	11° 4	6° 4	29°39	16°37	20°27	26°54	26°19	15°55	20°19	M21
T 22	12 36 15	10°59'36	27°25	26°22	20°36	26°54	11° 9	5°59	29°39	16°38	20°28	26°52	26°16	16° 2	20°22	T 22
W23	12 40 11	11°58'34	9♊32	28° 6	21°45	27°41	11°15	5°54	29°39	16°39	20°30	26°50	26°13	16° 8	20°25	W23
T 24	12 44 8	12°57'30	21°51	29°47	22°55	28°27	11°19	5°50	29°39	16°40	20°31	26°48	26°10	16°15	20°28	T 24
F 25	12 48 4	13°56'24	4♋26	1♉24	24° 4	29°14	11°24	5°45	29°R39	16°41	20°33	26°47	26° 7	16°22	20°31	F 25
S 26	12 52 1	14°55'15	17°20	2°57	25°13	0♈ 0	11°29	5°41	29°39	16°42	20°34	26°D47	26° 4	16°28	20°34	S 26
S 27	12 55 57	15°54'04	0♌38	4°24	26°23	0°47	11°33	5°36	29°39	16°44	20°35	26°47	26° 0	16°35	20°37	S 27
M28	12 59 54	16°52'51	14°20	5°48	27°32	1°33	11°38	5°32	29°39	16°45	20°37	26°48	25°57	16°42	20°40	M28
T 29	13 3 51	17°51'35	28°28	7° 6	28°40	2°19	11°42	5°27	29°39	16°46	20°38	26°50	25°54	16°48	20°43	T 29
W30	13 7 47	18°50'18	13♍ 2	8°18	29°49	3° 6	11°46	5°23	29°39	16°48	20°40	26°51	25°51	16°55	20°46	W30
T 31	13 11 44	19♈48'57	27♍56	9♉26	0♊58	3♈52	11♑49	5♎18	29♐38	16♊49	20♓41	26°R51	25♍48	17♈ 2	20♒48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s53	11n47	3s10	7s40	1s52	10n12	0n13	8s36	1s 2	23s 2	0n10	0s32	2n42	23s41	0s12	21n26	1s22	18s 3	15s21	1n13	1n 3	4n 5	9s16	6n 9
W 2	3 29	7 53	2 0	6 51	1 48	10 41	0 17	8 18	1 2	23 1	0 10	0 30	2 42	23 41	0 12	21 26	1 22	18 3	15 21	1 14	1 4	4 7	9 15	6 9
T 3	3 6	3 25	0 39	6 1	1 43	11 10	0 20	8 0	1 2	23 1	0 10	0 29	2 42	23 41	0 12	21 27	1 21	18 2	15 21	1 14	1 5	4 9	9 14	6 10
F 4	2 42	1s18	0n45	5 10	1 37	11 39	0 24	7 42	1 2	23 1	0 10	0 27	2 42	23 41	0 12	21 27	1 21	18 2	15 21	1 14	1 6	4 10	9 12	6 10
S 5	2 19	5 56	2 6	4 18	1 31	12 7	0 27	7 24	1 2	23 0	0 10	0 25	2 42	23 41	0 12	21 27	1 21	18 1	15 21	1 14	1 8	4 12	9 11	6 10
S 6	1 55	10 9	3 17	3 25	1 25	12 36	0 31	7 5	1 1	23 0	0 10	0 23	2 43	23 41	0 12	21 27	1 21	18 1	15 21	1 14	1 9	4 14	9 10	6 10
M 7	1 31	13 38	4 14	2 31	1 18	13 3	0 34	6 47	1 1	22 59	0 10	0 21	2 43	23 41	0 12	21 27	1 21	18 0	15 21	1 14	1 10	4 16	9 8	6 10
T 8	1 8	16 12	4 53	1 36	1 10	13 31	0 38	6 28	1 1	22 59	0 10	0 19	2 43	23 41	0 12	21 27	1 21	17 59	15 22	1 14	1 11	4 18	9 7	6 11
W 9	0 44	17 44	5 14	0 40	1 2	13 58	0 41	6 10	1 1	22 58	0 10	0 17	2 43	23 41	0 12	21 27	1 21	17 59	15 22	1 14	1 13	4 19	9 6	6 11
T 10	0 20	18 12	5 17	0n16	0 53	14 25	0 45	5 51	1 0	22 58	0 9	0 15	2 43	23 41	0 12	21 27	1 21	17 58	15 22	1 14	1 14	4 21	9 4	6 11
F 11	0n 3	17 40	5 3	1 14	0 44	14 52	0 48	5 33	1 0	22 57	0 9	0 14	2 43	23 41	0 12	21 27	1 21	17 58	15 22	1 13	1 15	4 23	9 3	6 11
S 12	0 27	16 14	4 34	2 11	0 34	15 18	0 52	5 14	1 0	22 57	0 9	0 12	2 43	23 41	0 12	21 28	1 21	17 57	15 22	1 13	1 16	4 25	9 2	6 11
S 13	0 51	14 3	3 53	3 9	0 24	15 44	0 55	4 55	1 0	22 57	0 9	0 10	2 43	23 41	0 12	21 28	1 21	17 57	15 22	1 13	1 18	4 27	9 0	6 12
M14	1 14	11 16	3 1	4 7	0 13	16 10	0 59	4 37	0 59	22 56	0 9	0 8	2 43	23 41	0 12	21 28	1 21	17 56	15 22	1 13	1 19	4 28	8 59	6 12
T 15	1 38	8 2	2 3	5 4	0 2	16 35	1 2	4 18	0 59	22 56	0 9	0 6	2 43	23 41	0 12	21 28	1 21	17 56	15 22	1 13	1 20	4 30	8 58	6 12
W16	2 1	4 31	0 59	6 1	0n 9	17 0	1 6	3 59	0 59	22 55	0 9	0 4	2 43	23 41	0 12	21 28	1 21	17 55	15 22	1 12	1 22	4 32	8 56	6 12
T 17	2 25	0 50	0s 7	6 58	0 20	17 24	1 9	3 40	0 58	22 55	0 9	0 2	2 43	23 42	0 12	21 28	1 21	17 55	15 22	1 12	1 23	4 34	8 55	6 13
F 18	2 48	2n52	1 12	7 54	0 32	17 48	1 13	3 21	0 58	22 54	0 9	0 0	2 43	23 42	0 12	21 28	1 21	17 54	15 22	1 13	1 24	4 35	8 54	6 13
S 19	3 12	6 26	2 13	8 49	0 44	18 12	1 16	3 3	0 58	22 54	0 9	0n 1	2 43	23 42	0 12	21 29	1 21	17 54	15 22	1 13	1 25	4 37	8 53	6 13
S 20	3 35	9 46	3 10	9 42	0 55	18 35	1 20	2 44	0 57	22 54	0 9	0 3	2 43	23 42	0 12	21 29	1 21	17 53	15 23	1 13	1 27	4 39	8 51	6 13
M21	3 58	12 43	3 58	10 34	1 7	18 57	1 23	2 25	0 57	22 53	0 8	0 5	2 43	23 42	0 12	21 29	1 21	17 53	15 23	1 14	1 28	4 41	8 50	6 14
T 22	4 22	15 9	4 36	11 25	1 18	19 20	1 26	2 6	0 57	22 53	0 8	0 7	2 43	23 42	0 12	21 29	1 20	17 52	15 23	1 15	1 29	4 43	8 49	6 14
W23	4 45	16 57	5 2	12 13	1 29	19 41	1 30	1 47	0 57	22 53	0 8	0 9	2 43	23 42	0 12	21 29	1 20	17 52	15 23	1 16	1 30	4 44	8 48	6 14
T 24	5 8	18 0	5 15	12 59	1 40	20 3	1 33	1 28	0 56	22 52	0 8	0 11	2 43	23 42	0 12	21 29	1 20	17 51	15 23	1 17	1 32	4 46	8 47	6 14
F 25	5 31	18 12	5 14	13 43	1 51	20 23	1 36	1 10	0 56	22 52	0 8	0 12	2 43	23 42	0 12	21 30	1 20	17 51	15 23	1 17	1 33	4 48	8 45	6 15
S 26	5 53	17 28	4 56	14 24	2 1	20 44	1 40	0 51	0 55	22 52	0 8	0 14	2 43	23 42	0 12	21 30	1 20	17 51	15 23	1 17	1 34	4 50	8 44	6 15
S 27	6 16	15 47	4 23	15 3	2 10	21 3	1 43	0 32	0 55	22 51	0 8	0 16	2 43	23 42	0 12	21 30	1 20	17 50	15 24	1 17	1 35	4 52	8 43	6 15
M28	6 39	13 9	3 34	15 39	2 18	21 23	1 46	0 13	0 55	22 51	0 8	0 18	2 43	23 42	0 12	21 30	1 20	17 50	15 24	1 16	1 37	4 53	8 42	6 15
T 29	7 1	9 41	2 30	16 13	2 26	21 41	1 49	0n 6	0 54	22 51	0 8	0 20	2 43	23 42	0 12	21 30	1 20	17 49	15 24	1 16	1 38	4 55	8 41	6 16
W30	7 24	5 31	1 16	16 44	2 34	21 59	1 53	0 24	0 54	22 51	0 8	0 21	2 43	23 42	0 12	21 30	1 20	17 49	15 24	1 15	1 39	4 57	8 39	6 16
T 31	7n46	0n55	0n 6	17n11	2n40	22n17	1n56	0n43	0s54	22s50	0n 8	0n23	2n43	23s42	0s12	21n31	1s20	17s49	15s24	1n15	1n40	4n59	8s38	6n16

Julian Day Number = 2294194.5, Delta T = 140.18 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'41, Lahiri = 17°50'42 Julian Calendar 1 March 1569 == Greg. Calendar 11 March 1569

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1569
geocentric

APRIL 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 15 40	20♈47'35	13♎ 6	10♉28	2♊ 6	4♈38	11♑53	5°R14	29°R38	16♊50	20♓42	26°R51	25♍45	17♈ 8	20♒51	F 1
S 2	13 19 37	21°46'11	28°20	11°24	3°14	5°24	11°57	5♎ 9	29♐38	16°52	20°44	26♍49	25°41	17°15	20°54	S 2
S 3	13 23 33	22°44'45	13♏31	12°15	4°22	6°10	12° 0	5° 5	29°37	16°53	20°45	26°46	25°38	17°22	20°56	S 3
M 4	13 27 30	23°43'17	28°27	13° 0	5°30	6°56	12° 3	5° 1	29°37	16°55	20°46	26°42	25°35	17°28	20°59	M 4
T 5	13 31 26	24°41'48	13♐ 1	13°39	6°38	7°42	12° 6	4°57	29°36	16°56	20°48	26°38	25°32	17°35	21° 2	T 5
W 6	13 35 23	25°40'16	27° 9	14°13	7°46	8°28	12° 8	4°52	29°36	16°58	20°49	26°35	25°29	17°42	21° 4	W 6
T 7	13 39 20	26°38'44	10♑49	14°40	8°53	9°14	12°11	4°48	29°35	16°59	20°50	26°33	25°25	17°48	21° 6	T 7
F 8	13 43 16	27°37'09	24° 0	15° 2	10° 0	10° 0	12°13	4°44	29°34	17° 1	20°52	26°D32	25°22	17°55	21° 9	F 8
S 9	13 47 13	28°35'33	6♒48	15°17	11° 7	10°46	12°15	4°40	29°34	17° 2	20°53	26°32	25°19	18° 2	21°11	S 9
S 10	13 51 9	29°33'55	19°14	15°27	12°14	11°32	12°17	4°36	29°33	17° 4	20°54	26°33	25°16	18° 8	21°13	S 10
M11	13 55 6	0♉32'16	1♓24	15°R31	13°21	12°18	12°19	4°32	29°32	17° 6	20°55	26°35	25°13	18°15	21°15	M11
T 12	13 59 2	1°30'35	13°23	15°30	14°28	13° 3	12°21	4°28	29°31	17° 7	20°57	26°36	25°10	18°21	21°18	T 12
W13	14 2 59	2°28'52	25°14	15°23	15°34	13°49	12°22	4°24	29°30	17° 9	20°58	26°R37	25° 6	18°28	21°20	W13
T 14	14 6 55	3°27'08	7♈ 1	15°12	16°40	14°35	12°23	4°20	29°29	17°11	20°59	26°37	25° 3	18°35	21°22	T 14
F 15	14 10 52	4°25'22	18°48	14°55	17°46	15°20	12°25	4°17	29°28	17°13	21° 0	26°34	25° 0	18°41	21°24	F 15
S 16	14 14 48	5°23'35	0♉37	14°34	18°52	16° 6	12°25	4°13	29°27	17°14	21° 1	26°30	24°57	18°48	21°26	S 16
S 17	14 18 45	6°21'46	12°30	14° 9	19°57	16°52	12°26	4° 9	29°26	17°16	21° 2	26°24	24°54	18°55	21°27	S 17
M18	14 22 42	7°19'55	24°29	13°41	21° 3	17°37	12°27	4° 6	29°25	17°18	21° 4	26°17	24°51	19° 1	21°29	M18
T 19	14 26 38	8°18'02	6♊36	13°10	22° 8	18°22	12°27	4° 3	29°24	17°20	21° 5	26° 9	24°47	19° 8	21°31	T 19
W20	14 30 35	9°16'07	18°52	12°36	23°13	19° 8	12°R27	3°59	29°22	17°21	21° 6	26° 2	24°44	19°15	21°33	W20
T 21	14 34 31	10°14'11	1♋20	12° 1	24°17	19°53	12°27	3°56	29°21	17°23	21° 7	25°55	24°41	19°21	21°34	T 21
F 22	14 38 28	11°12'13	14° 0	11°24	25°22	20°38	12°27	3°53	29°20	17°25	21° 8	25°50	24°38	19°28	21°36	F 22
S 23	14 42 24	12°10'13	26°56	10°47	26°26	21°24	12°26	3°49	29°19	17°27	21° 9	25°47	24°35	19°35	21°37	S 23
S 24	14 46 21	13° 8'11	10♌ 9	10°10	27°30	22° 9	12°25	3°46	29°17	17°29	21°10	25°D46	24°31	19°41	21°39	S 24
M25	14 50 17	14° 6'07	23°43	9°35	28°33	22°54	12°25	3°43	29°16	17°31	21°11	25°46	24°28	19°48	21°40	M25
T 26	14 54 14	15° 4'01	7♍39	9° 0	29°37	23°39	12°23	3°40	29°14	17°33	21°12	25°47	24°25	19°55	21°41	T 26
W27	14 58 11	16° 1'53	21°58	8°28	0♋40	24°24	12°22	3°38	29°13	17°35	21°13	25°R48	24°22	20° 1	21°43	W27
T 28	15 2 7	16°59'44	6♎37	7°58	1°43	25° 9	12°21	3°35	29°11	17°37	21°14	25°48	24°19	20° 8	21°44	T 28
F 29	15 6 4	17°57'33	21°33	7°31	2°45	25°54	12°19	3°32	29°10	17°39	21°15	25°45	24°16	20°15	21°45	F 29
S 30	15 10 0	18♉55'20	6♏38	7♉ 8	3♋47	26♈39	12♑17	3♎30	29♐ 8	17♊41	21♓16	25♍41	24♍12	20♈21	21♒46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 8	3s49	1n28	17n36	2n45	22n34	1n59	1n 2	0s53	22s50	0n 7	0n25	2n43	23s42	0s12	21n31	1s20	17s48	15s24	1n15	1n42	5n 0	8s37	6n17
S 2	8 30	8 20	2 45	17 58	2 49	22 51	2 2	1 21	0 53	22 50	0 7	0 26	2 43	23 42	0 12	21 31	1 20	17 48	15 25	1 16	1 43	5 2	8 36	6 17
S 3	8 52	12 17	3 49	18 17	2 53	23 7	2 5	1 39	0 52	22 50	0 7	0 28	2 43	23 42	0 12	21 31	1 20	17 47	15 25	1 17	1 44	5 4	8 35	6 17
M 4	9 14	15 21	4 37	18 33	2 55	23 22	2 8	1 58	0 52	22 50	0 7	0 30	2 43	23 42	0 12	21 31	1 20	17 47	15 25	1 19	1 46	5 6	8 34	6 18
T 5	9 35	17 22	5 5	18 46	2 56	23 37	2 11	2 16	0 52	22 49	0 7	0 31	2 43	23 42	0 12	21 32	1 20	17 47	15 25	1 20	1 47	5 8	8 33	6 18
W 6	9 57	18 14	5 14	18 56	2 56	23 51	2 13	2 35	0 51	22 49	0 7	0 33	2 43	23 42	0 12	21 32	1 20	17 46	15 25	1 22	1 48	5 9	8 32	6 18
T 7	10 18	18 0	5 4	19 3	2 55	24 4	2 16	2 54	0 51	22 49	0 7	0 34	2 43	23 42	0 12	21 32	1 20	17 46	15 26	1 23	1 49	5 11	8 31	6 19
F 8	10 39	16 47	4 39	19 8	2 52	24 17	2 19	3 12	0 50	22 49	0 7	0 36	2 42	23 42	0 12	21 32	1 20	17 46	15 26	1 23	1 51	5 13	8 30	6 19
S 9	11 0	14 45	4 0	19 9	2 49	24 30	2 21	3 30	0 50	22 49	0 7	0 37	2 42	23 42	0 12	21 32	1 20	17 45	15 26	1 23	1 52	5 15	8 29	6 19
S 10	11 21	12 4	3 11	19 7	2 44	24 41	2 24	3 49	0 49	22 49	0 7	0 39	2 42	23 42	0 12	21 33	1 20	17 45	15 26	1 22	1 53	5 16	8 28	6 19
M11	11 41	8 55	2 14	19 2	2 37	24 52	2 26	4 7	0 49	22 49	0 6	0 40	2 42	23 42	0 12	21 33	1 20	17 45	15 27	1 22	1 54	5 18	8 27	6 20
T 12	12 2	5 27	1 12	18 54	2 30	25 3	2 29	4 25	0 49	22 49	0 6	0 42	2 42	23 42	0 12	21 33	1 20	17 45	15 27	1 21	1 56	5 20	8 26	6 20
W13	12 22	1 47	0 8	18 44	2 21	25 13	2 31	4 44	0 48	22 49	0 6	0 43	2 42	23 42	0 12	21 33	1 19	17 44	15 27	1 21	1 57	5 22	8 25	6 21
T 14	12 42	1n56	0s57	18 31	2 11	25 22	2 33	5 2	0 48	22 49	0 6	0 45	2 42	23 42	0 13	21 33	1 19	17 44	15 27	1 21	1 58	5 24	8 24	6 21
F 15	13 1	5 34	1 58	18 15	1 59	25 31	2 36	5 20	0 47	22 49	0 6	0 46	2 42	23 42	0 13	21 34	1 19	17 44	15 28	1 22	1 59	5 25	8 23	6 21
S 16	13 21	8 59	2 55	17 57	1 47	25 39	2 38	5 38	0 47	22 49	0 6	0 47	2 42	23 42	0 13	21 34	1 19	17 44	15 28	1 24	2 1	5 27	8 22	6 22
S 17	13 40	12 4	3 44	17 36	1 33	25 46	2 40	5 56	0 46	22 49	0 6	0 49	2 41	23 42	0 13	21 34	1 19	17 43	15 28	1 26	2 2	5 29	8 21	6 22
M18	13 59	14 41	4 23	17 14	1 19	25 52	2 41	6 13	0 46	22 49	0 6	0 50	2 41	23 42	0 13	21 34	1 19	17 43	15 28	1 29	2 3	5 31	8 20	6 22
T 19	14 18	16 40	4 51	16 50	1 3	25 58	2 43	6 31	0 45	22 49	0 6	0 51	2 41	23 42	0 13	21 34	1 19	17 43	15 29	1 32	2 4	5 32	8 19	6 23
W20	14 37	17 56	5 7	16 24	0 47	26 4	2 45	6 49	0 45	22 49	0 6	0 52	2 41	23 42	0 13	21 35	1 19	17 43	15 29	1 35	2 6	5 34	8 18	6 23
T 21	14 55	18 22	5 8	15 57	0 31	26 9	2 47	7 7	0 44	22 49	0 5	0 54	2 41	23 42	0 13	21 35	1 19	17 43	15 29	1 38	2 7	5 36	8 17	6 23
F 22	15 13	17 53	4 54	15 30	0 13	26 13	2 48	7 24	0 44	22 49	0 5	0 55	2 41	23 42	0 13	21 35	1 19	17 42	15 29	1 40	2 8	5 38	8 17	6 24
S 23	15 31	16 29	4 25	15 2	0s 4	26 16	2 50	7 42	0 43	22 49	0 5	0 56	2 41	23 42	0 13	21 35	1 19	17 42	15 30	1 41	2 10	5 40	8 16	6 24
S 24	15 49	14 11	3 41	14 34	0 21	26 19	2 51	7 59	0 43	22 50	0 5	0 57	2 40	23 42	0 13	21 35	1 19	17 42	15 30	1 41	2 11	5 41	8 15	6 24
M25	16 6	11 3	2 44	14 6	0 39	26 21	2 52	8 16	0 42	22 50	0 5	0 58	2 40	23 42	0 13	21 36	1 19	17 42	15 30	1 41	2 12	5 43	8 14	6 25
T 26	16 24	7 14	1 36	13 39	0 56	26 23	2 53	8 33	0 42	22 50	0 5	0 59	2 40	23 42	0 13	21 36	1 19	17 42	15 31	1 41	2 13	5 45	8 13	6 25
W27	16 40	2 53	0 21	13 13	1 12	26 24	2 54	8 50	0 41	22 50	0 5	1 0	2 40	23 42	0 13	21 36	1 19	17 42	15 31	1 40	2 15	5 47	8 13	6 26
T 28	16 57	1s45	0n58	12 48	1 28	26 24	2 55	9 7	0 41	22 50	0 5	1 1	2 40	23 42	0 13	21 36	1 19	17 42	15 31	1 41	2 16	5 48	8 12	6 26
F 29	17 13	6 21	2 14	12 25	1 44	26 24	2 56	9 24	0 40	22 51	0 4	1 2	2 39	23 42	0 13	21 36	1 19	17 42	15 32	1 41	2 17	5 50	8 11	6 26
S 30	17n29	10s35	3n21	12n 3	1s59	26n23	2n56	9n41	0s40	22s51	0n 4	1n 3	2n39	23s42	0s13	21n37	1s19	17s41	15s32	1n43	2n18	5n52	8s11	6n27

Julian Day Number = 2294225.5, Delta T = 140.01 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'46, Lahiri = 17°50'46 Julian Calendar 1 Apr. 1569 == Greg. Calendar 11 Apr. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

MAY 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 57	19♉53'06	21♏44	6°R48	4♋49	27♈24	12°R15	3°R27	29°R 6	17♊43	21♓17	25°R34	24♍ 9	20♈28	21♒47	S 1
M 2	15 17 53	20°50'50	6♐41	6♉32	5°51	28° 8	12♑13	3♎25	29♐ 4	17°45	21°18	25♍26	24° 6	20°35	21°48	M 2
T 3	15 21 50	21°48'33	21°20	6°21	6°52	28°53	12°11	3°22	29° 3	17°47	21°19	25°17	24° 3	20°41	21°49	T 3
W 4	15 25 46	22°46'15	5♑35	6°14	7°53	29°38	12° 9	3°20	29° 1	17°49	21°20	25° 9	24° 0	20°48	21°50	W 4
T 5	15 29 43	23°43'56	19°21	6°D11	8°53	0♉22	12° 6	3°18	28°59	17°51	21°20	25° 3	23°56	20°55	21°51	T 5
F 6	15 33 40	24°41'36	2♒38	6°13	9°53	1° 7	12° 3	3°16	28°57	17°53	21°21	24°59	23°53	21° 1	21°51	F 6
S 7	15 37 36	25°39'14	15°29	6°19	10°53	1°51	12° 0	3°14	28°55	17°55	21°22	24°56	23°50	21° 8	21°52	S 7
S 8	15 41 33	26°36'52	27°57	6°30	11°53	2°36	11°57	3°12	28°54	17°57	21°23	24°D56	23°47	21°15	21°53	S 8
M 9	15 45 29	27°34'29	10♓ 7	6°46	12°52	3°20	11°53	3°10	28°52	17°59	21°24	24°56	23°44	21°21	21°53	M 9
T 10	15 49 26	28°32'04	22° 4	7° 6	13°50	4° 5	11°50	3° 9	28°50	18° 1	21°24	24°R57	23°41	21°28	21°54	T 10
W11	15 53 22	29°29'39	3♈53	7°30	14°48	4°49	11°46	3° 7	28°48	18° 4	21°25	24°56	23°37	21°35	21°54	W11
T 12	15 57 19	0♊27'12	15°40	7°58	15°46	5°33	11°42	3° 6	28°46	18° 6	21°26	24°54	23°34	21°41	21°54	T 12
F 13	16 1 15	1°24'45	27°28	8°31	16°43	6°17	11°38	3° 4	28°44	18° 8	21°26	24°50	23°31	21°48	21°54	F 13
S 14	16 5 12	2°22'17	9♉21	9° 8	17°40	7° 1	11°34	3° 3	28°42	18°10	21°27	24°43	23°28	21°55	21°55	S 14
S 15	16 9 9	3°19'48	21°21	9°48	18°37	7°45	11°29	3° 2	28°39	18°12	21°28	24°33	23°25	22° 1	21°55	S 15
M16	16 13 5	4°17'18	3♊31	10°33	19°33	8°29	11°25	3° 1	28°37	18°14	21°28	24°22	23°22	22° 8	21°55	M16
T 17	16 17 2	5°14'47	15°51	11°21	20°28	9°13	11°20	3° 0	28°35	18°17	21°29	24° 9	23°18	22°15	21°R55	T 17
W18	16 20 58	6°12'15	28°22	12°13	21°23	9°57	11°15	2°59	28°33	18°19	21°29	23°57	23°15	22°21	21°55	W18
T 19	16 24 55	7° 9'41	11♋ 4	13° 8	22°17	10°41	11°10	2°58	28°31	18°21	21°30	23°46	23°12	22°28	21°55	T 19
F 20	16 28 51	8° 7'07	23°58	14° 7	23°11	11°25	11° 5	2°57	28°29	18°23	21°31	23°37	23° 9	22°35	21°55	F 20
S 21	16 32 48	9° 4'32	7♌ 4	15° 9	24° 4	12° 9	10°59	2°57	28°26	18°25	21°31	23°31	23° 6	22°41	21°54	S 21
S 22	16 36 44	10° 1'55	20°23	16°15	24°57	12°52	10°54	2°56	28°24	18°28	21°31	23°28	23° 2	22°48	21°54	S 22
M23	16 40 41	10°59'17	3♍57	17°23	25°49	13°36	10°48	2°56	28°22	18°30	21°32	23°27	22°59	22°55	21°54	M23
T 24	16 44 38	11°56'39	17°47	18°35	26°40	14°20	10°43	2°55	28°19	18°32	21°32	23°26	22°56	23° 1	21°53	T 24
W25	16 48 34	12°53'58	1♎54	19°51	27°31	15° 3	10°37	2°55	28°17	18°34	21°33	23°26	22°53	23° 8	21°53	W25
T 26	16 52 31	13°51'17	16°16	21° 9	28°21	15°46	10°31	2°D55	28°15	18°37	21°33	23°25	22°50	23°15	21°52	T 26
F 27	16 56 27	14°48'35	0♏52	22°30	29°10	16°30	10°25	2°55	28°13	18°39	21°34	23°21	22°47	23°21	21°52	F 27
S 28	17 0 24	15°45'52	15°37	23°54	29°58	17°13	10°18	2°55	28°10	18°41	21°34	23°15	22°43	23°28	21°51	S 28
S 29	17 4 20	16°43'09	0♐24	25°22	0♌46	17°56	10°12	2°56	28° 8	18°43	21°34	23° 6	22°40	23°35	21°50	S 29
M30	17 8 17	17°40'24	15° 7	26°52	1°33	18°40	10° 6	2°56	28° 5	18°45	21°35	22°56	22°37	23°41	21°49	M30
T 31	17 12 13	18♊37'39	29♐36	28♉25	2♌19	19♉23	9♑59	2♎56	28♐ 3	18♊48	21♓35	22♍44	22♍34	23♈48	21♒48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n45	14s 8	4n15	11n44	2s13	26n21	2n57	9n58	0s39	22s51	0n 4	1n 3	2n39	23s42	0s13	21n37	1s19	17s41	15s32	1n46	2n20	5n54	8s10	6n27
M 2	18 0	16 43	4 50	11 26	2 25	26 19	2 57	10 14	0 38	22 52	0 4	1 4	2 39	23 42	0 13	21 37	1 19	17 41	15 32	1 49	2 21	5 55	8 9	6 27
T 3	18 16	18 8	5 5	11 11	2 37	26 16	2 57	10 31	0 38	22 52	0 4	1 5	2 39	23 42	0 13	21 37	1 19	17 41	15 33	1 53	2 22	5 57	8 9	6 28
W 4	18 30	18 22	5 1	10 59	2 48	26 13	2 57	10 47	0 37	22 52	0 4	1 6	2 39	23 42	0 13	21 37	1 19	17 41	15 33	1 56	2 23	5 59	8 8	6 28
T 5	18 45	17 29	4 39	10 48	2 58	26 9	2 57	11 3	0 37	22 53	0 4	1 6	2 38	23 42	0 13	21 38	1 19	17 41	15 33	1 58	2 25	6 1	8 7	6 29
F 6	18 59	15 40	4 3	10 41	3 7	26 4	2 57	11 19	0 36	22 53	0 4	1 7	2 38	23 42	0 13	21 38	1 19	17 41	15 34	2 0	2 26	6 2	8 7	6 29
S 7	19 13	13 7	3 15	10 35	3 15	25 59	2 57	11 35	0 36	22 53	0 3	1 8	2 38	23 42	0 13	21 38	1 19	17 41	15 34	2 1	2 27	6 4	8 6	6 29
S 8	19 27	10 2	2 19	10 33	3 22	25 53	2 56	11 51	0 35	22 54	0 3	1 8	2 38	23 42	0 13	21 38	1 19	17 41	15 34	2 1	2 28	6 6	8 6	6 30
M 9	19 40	6 35	1 19	10 32	3 27	25 47	2 56	12 7	0 35	22 54	0 3	1 9	2 37	23 42	0 13	21 39	1 19	17 41	15 35	2 1	2 30	6 8	8 5	6 30
T 10	19 53	2 55	0 15	10 34	3 32	25 40	2 55	12 22	0 34	22 55	0 3	1 9	2 37	23 42	0 13	21 39	1 19	17 41	15 35	2 1	2 31	6 10	8 5	6 30
W11	20 5	0n49	0s48	10 39	3 36	25 33	2 54	12 38	0 33	22 55	0 3	1 9	2 37	23 42	0 13	21 39	1 19	17 41	15 35	2 1	2 32	6 11	8 4	6 31
T 12	20 17	4 31	1 48	10 45	3 38	25 25	2 53	12 53	0 33	22 56	0 3	1 10	2 37	23 42	0 13	21 39	1 19	17 41	15 36	2 2	2 34	6 13	8 4	6 31
F 13	20 29	8 2	2 44	10 54	3 40	25 17	2 52	13 8	0 32	22 56	0 3	1 10	2 37	23 42	0 13	21 39	1 19	17 41	15 36	2 4	2 35	6 15	8 3	6 32
S 14	20 41	11 16	3 33	11 5	3 41	25 8	2 50	13 23	0 32	22 57	0 3	1 11	2 36	23 42	0 13	21 40	1 19	17 41	15 36	2 6	2 36	6 17	8 3	6 32
S 15	20 52	14 4	4 13	11 17	3 41	24 59	2 49	13 38	0 31	22 57	0 2	1 11	2 36	23 42	0 13	21 40	1 19	17 41	15 37	2 10	2 37	6 18	8 2	6 32
M16	21 3	16 17	4 42	11 32	3 40	24 49	2 47	13 53	0 30	22 58	0 2	1 11	2 36	23 42	0 13	21 40	1 19	17 41	15 37	2 15	2 39	6 20	8 2	6 33
T 17	21 13	17 47	4 59	11 48	3 38	24 39	2 45	14 8	0 30	22 58	0 2	1 11	2 36	23 42	0 13	21 40	1 19	17 41	15 38	2 20	2 40	6 22	8 2	6 33
W18	21 23	18 28	5 1	12 7	3 36	24 28	2 43	14 22	0 29	22 59	0 2	1 11	2 35	23 42	0 13	21 40	1 19	17 42	15 38	2 24	2 41	6 24	8 1	6 33
T 19	21 33	18 14	4 48	12 26	3 33	24 17	2 41	14 37	0 29	22 59	0 2	1 11	2 35	23 42	0 13	21 41	1 18	17 42	15 38	2 29	2 42	6 25	8 1	6 34
F 20	21 43	17 5	4 21	12 47	3 29	24 6	2 38	14 51	0 28	23 0	0 2	1 12	2 35	23 42	0 13	21 41	1 18	17 42	15 39	2 32	2 44	6 27	8 1	6 34
S 21	21 52	15 0	3 40	13 10	3 24	23 54	2 35	15 5	0 27	23 1	0 2	1 12	2 35	23 42	0 13	21 41	1 18	17 42	15 39	2 35	2 45	6 29	8 0	6 35
S 22	22 0	12 6	2 46	13 34	3 19	23 41	2 32	15 19	0 27	23 1	0 2	1 12	2 35	23 42	0 13	21 41	1 18	17 42	15 39	2 36	2 46	6 31	8 0	6 35
M23	22 8	8 30	1 41	13 59	3 13	23 29	2 29	15 33	0 26	23 2	0 1	1 12	2 34	23 42	0 13	21 41	1 18	17 42	15 40	2 37	2 47	6 32	8 0	6 35
T 24	22 16	4 23	0 30	14 25	3 6	23 15	2 26	15 46	0 25	23 2	0 1	1 11	2 34	23 42	0 13	21 42	1 18	17 42	15 40	2 37	2 49	6 34	8 0	6 36
W25	22 24	0s 4	0n45	14 52	2 59	23 2	2 23	16 0	0 25	23 3	0 1	1 11	2 34	23 42	0 13	21 42	1 18	17 43	15 40	2 37	2 50	6 36	8 0	6 36
T 26	22 31	4 36	1 58	15 20	2 51	22 48	2 19	16 13	0 24	23 4	0 1	1 11	2 34	23 42	0 13	21 42	1 18	17 43	15 41	2 37	2 51	6 38	7 59	6 36
F 27	22 38	8 55	3 4	15 49	2 43	22 34	2 15	16 26	0 23	23 4	0 1	1 11	2 33	23 42	0 13	21 42	1 18	17 43	15 41	2 39	2 52	6 39	7 59	6 37
S 28	22 44	12 44	3 59	16 18	2 34	22 20	2 11	16 39	0 23	23 5	0 1	1 11	2 33	23 42	0 13	21 42	1 18	17 43	15 42	2 41	2 54	6 41	7 59	6 37
S 29	22 50	15 45	4 38	16 48	2 25	22 5	2 7	16 52	0 22	23 5	0 1	1 10	2 33	23 42	0 13	21 43	1 18	17 43	15 42	2 45	2 55	6 43	7 59	6 37
M30	22 55	17 43	4 58	17 18	2 15	21 51	2 2	17 4	0 22	23 6	0 0	1 10	2 33	23 42	0 13	21 43	1 18	17 44	15 42	2 49	2 56	6 45	7 59	6 38
T 31	23n 0	18s31	4n59	17n49	2s 5	21n35	1n57	17n17	0s21	23s 7	0n 0	1n10	2n32	23s42	0s13	21n43	1s18	17s44	15s43	2n53	2n57	6n46	7s59	6n38

Julian Day Number = 2294255.5, Delta T = 139.85 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'50, Lahiri = 17°50'50 Julian Calendar 1 May 1569 == Greg. Calendar 11 May 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

JUNE 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 16 10	19♊34'54	13♑44	0♊ 1	3♌ 4	20♉ 6	9°R52	2♎57	28°R 1	18♊50	21♓35	22°R34	22♍31	23♈55	21°R48	W 1
T 2	17 20 7	20°32'08	27°29	1°40	3°48	20°49	9♑46	2°57	27♐58	18°52	21°35	22♍24	22°28	24° 1	21♒47	T 2
F 3	17 24 3	21°29'22	10♒46	3°22	4°31	21°32	9°39	2°58	27°56	18°54	21°36	22°18	22°24	24° 8	21°46	F 3
S 4	17 28 0	22°26'35	23°39	5° 7	5°13	22°15	9°32	2°59	27°53	18°57	21°36	22°13	22°21	24°15	21°44	S 4
S 5	17 31 56	23°23'48	6♓ 8	6°55	5°55	22°58	9°25	3° 0	27°51	18°59	21°36	22°11	22°18	24°21	21°43	S 5
M 6	17 35 53	24°21'01	18°20	8°45	6°35	23°40	9°17	3° 1	27°49	19° 1	21°36	22°11	22°15	24°28	21°42	M 6
T 7	17 39 49	25°18'14	0♈18	10°38	7°14	24°23	9°10	3° 2	27°46	19° 3	21°36	22°11	22°12	24°35	21°41	T 7
W 8	17 43 46	26°15'27	12° 9	12°33	7°52	25° 6	9° 3	3° 3	27°44	19° 6	21°36	22°10	22° 8	24°41	21°40	W 8
T 9	17 47 42	27°12'40	23°57	14°31	8°29	25°48	8°56	3° 4	27°41	19° 8	21°36	22° 8	22° 5	24°48	21°38	T 9
F 10	17 51 39	28° 9'52	5♉48	16°32	9° 5	26°31	8°48	3° 6	27°39	19°10	21°36	22° 3	22° 2	24°55	21°37	F 10
S 11	17 55 36	29° 7'05	17°46	18°34	9°39	27°13	8°41	3° 7	27°36	19°12	21°36	21°56	21°59	25° 1	21°35	S 11
S 12	17 59 32	0♋ 4'18	29°54	20°38	10°12	27°56	8°33	3° 9	27°34	19°14	21°R36	21°46	21°56	25° 8	21°34	S 12
M13	18 3 29	1° 1'30	12♊15	22°44	10°44	28°38	8°26	3°11	27°32	19°17	21°36	21°35	21°53	25°15	21°32	M13
T 14	18 7 25	1°58'43	24°49	24°52	11°14	29°20	8°18	3°12	27°29	19°19	21°36	21°22	21°49	25°21	21°30	T 14
W15	18 11 22	2°55'55	7♋38	27° 0	11°43	0♊ 3	8°11	3°14	27°27	19°21	21°36	21°10	21°46	25°28	21°29	W15
T 16	18 15 18	3°53'08	20°39	29°10	12°10	0°45	8° 3	3°16	27°24	19°23	21°36	20°58	21°43	25°35	21°27	T 16
F 17	18 19 15	4°50'20	3♌53	1♋20	12°36	1°27	7°55	3°18	27°22	19°25	21°36	20°49	21°40	25°41	21°25	F 17
S 18	18 23 12	5°47'32	17°19	3°30	13° 0	2° 9	7°47	3°21	27°19	19°28	21°36	20°43	21°37	25°48	21°23	S 18
S 19	18 27 8	6°44'44	0♍54	5°40	13°23	2°51	7°40	3°23	27°17	19°30	21°36	20°39	21°34	25°55	21°21	S 19
M20	18 31 5	7°41'55	14°39	7°51	13°43	3°33	7°32	3°25	27°15	19°32	21°36	20°D38	21°30	26° 1	21°19	M20
T 21	18 35 1	8°39'07	28°33	10° 0	14° 2	4°15	7°24	3°28	27°12	19°34	21°36	20°38	21°27	26° 8	21°17	T 21
W22	18 38 58	9°36'18	12♎36	12° 9	14°19	4°57	7°17	3°30	27°10	19°36	21°35	20°R38	21°24	26°15	21°15	W22
T 23	18 42 54	10°33'29	26°48	14°17	14°34	5°38	7° 9	3°33	27° 8	19°38	21°35	20°37	21°21	26°21	21°13	T 23
F 24	18 46 51	11°30'39	11♏ 6	16°24	14°47	6°20	7° 1	3°36	27° 5	19°40	21°35	20°34	21°18	26°28	21°11	F 24
S 25	18 50 47	12°27'50	25°29	18°30	14°58	7° 2	6°54	3°38	27° 3	19°43	21°35	20°29	21°14	26°35	21° 9	S 25
S 26	18 54 44	13°25'01	9♐52	20°34	15° 7	7°43	6°46	3°41	27° 1	19°45	21°34	20°21	21°11	26°41	21° 7	S 26
M27	18 58 41	14°22'12	24° 9	22°37	15°13	8°25	6°38	3°44	26°58	19°47	21°34	20°12	21° 8	26°48	21° 4	M27
T 28	19 2 37	15°19'23	8♑16	24°38	15°18	9° 6	6°31	3°47	26°56	19°49	21°34	20° 2	21° 5	26°55	21° 2	T 28
W29	19 6 34	16°16'35	22° 7	26°37	15°R20	9°47	6°23	3°51	26°54	19°51	21°33	19°52	21° 2	27° 1	21° 0	W29
T 30	19 10 30	17♋13'47	5♒38	28♋35	15♌20	10♊29	6♑16	3♎54	26♐52	19♊53	21♓33	19♍44	20♍59	27♈ 8	20♒57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 5	18s 8	4n41	18n20	1s55	21n20	1n52	17n29	0s20	23s 7	0n 0	1n 9	2n32	23s42	0s13	21n43	1s18	17s44	15s43	2n58	2n59	6n48	7s59	6n39
T 2	23 9	16 40	4 7	18 50	1 44	21 4	1 47	17 41	0 20	23 8	0s 0	1 9	2 32	23 42	0 13	21 43	1 18	17 44	15 43	3 1	3 0	6 50	7 59	6 39
F 3	23 13	14 21	3 20	19 21	1 33	20 49	1 41	17 53	0 19	23 9	0 0	1 8	2 32	23 42	0 13	21 44	1 18	17 45	15 44	3 4	3 1	6 51	7 59	6 39
S 4	23 17	11 23	2 25	19 51	1 22	20 33	1 35	18 5	0 18	23 9	0 0	1 8	2 31	23 42	0 13	21 44	1 18	17 45	15 44	3 5	3 2	6 53	7 59	6 40
S 5	23 20	7 59	1 24	20 21	1 11	20 17	1 29	18 16	0 18	23 10	0 0	1 7	2 31	23 42	0 13	21 44	1 18	17 45	15 45	3 6	3 4	6 55	7 59	6 40
M 6	23 22	4 19	0 20	20 50	0 59	20 1	1 23	18 28	0 17	23 11	0 1	1 6	2 31	23 42	0 13	21 44	1 18	17 45	15 45	3 6	3 5	6 57	7 59	6 40
T 7	23 25	0 32	0s43	21 18	0 48	19 44	1 17	18 39	0 16	23 11	0 1	1 6	2 31	23 42	0 13	21 44	1 18	17 46	15 45	3 7	3 6	6 58	7 59	6 41
W 8	23 26	3n13	1 44	21 45	0 36	19 28	1 10	18 50	0 16	23 12	0 1	1 5	2 30	23 42	0 13	21 45	1 18	17 46	15 46	3 7	3 7	7 0	7 59	6 41
T 9	23 28	6 50	2 40	22 11	0 25	19 11	1 3	19 1	0 15	23 12	0 1	1 4	2 30	23 42	0 13	21 45	1 18	17 46	15 46	3 8	3 9	7 2	7 59	6 41
F 10	23 29	10 12	3 29	22 35	0 13	18 55	0 55	19 11	0 14	23 13	0 1	1 4	2 30	23 42	0 13	21 45	1 18	17 47	15 46	3 9	3 10	7 4	7 59	6 42
S 11	23 29	13 10	4 10	22 58	0 2	18 38	0 47	19 22	0 13	23 14	0 1	1 3	2 30	23 42	0 13	21 45	1 18	17 47	15 47	3 12	3 11	7 5	8 0	6 42
S 12	23 30	15 37	4 40	23 19	0n 9	18 22	0 40	19 32	0 13	23 14	0 1	1 2	2 30	23 42	0 13	21 45	1 18	17 47	15 47	3 16	3 12	7 7	8 0	6 42
M13	23 29	17 24	4 57	23 37	0 20	18 5	0 31	19 42	0 12	23 15	0 2	1 1	2 29	23 42	0 13	21 45	1 18	17 48	15 48	3 21	3 14	7 9	8 0	6 42
T 14	23 29	18 23	5 0	23 54	0 30	17 48	0 23	19 52	0 11	23 16	0 2	1 0	2 29	23 41	0 13	21 46	1 18	17 48	15 48	3 26	3 15	7 11	8 0	6 43
W15	23 28	18 28	4 49	24 8	0 40	17 32	0 14	20 2	0 11	23 16	0 2	0 59	2 29	23 41	0 13	21 46	1 18	17 48	15 48	3 31	3 16	7 12	8 0	6 43
T 16	23 26	17 35	4 22	24 19	0 50	17 16	0 5	20 11	0 10	23 17	0 2	0 58	2 29	23 41	0 13	21 46	1 18	17 49	15 49	3 35	3 18	7 14	8 1	6 43
F 17	23 24	15 45	3 41	24 28	0 58	16 59	0s 5	20 21	0 9	23 17	0 2	0 57	2 28	23 41	0 13	21 46	1 18	17 49	15 49	3 39	3 19	7 16	8 1	6 44
S 18	23 22	13 2	2 47	24 33	1 7	16 43	0 14	20 30	0 9	23 18	0 2	0 56	2 28	23 41	0 13	21 46	1 18	17 49	15 49	3 41	3 20	7 18	8 1	6 44
S 19	23 19	9 35	1 43	24 37	1 14	16 27	0 25	20 39	0 8	23 19	0 2	0 55	2 28	23 41	0 13	21 46	1 18	17 50	15 50	3 43	3 21	7 19	8 2	6 44
M20	23 16	5 34	0 32	24 37	1 21	16 11	0 35	20 48	0 7	23 19	0 3	0 54	2 28	23 41	0 13	21 47	1 18	17 50	15 50	3 43	3 23	7 21	8 2	6 44
T 21	23 13	1 13	0n42	24 34	1 27	15 56	0 46	20 56	0 6	23 20	0 3	0 52	2 27	23 41	0 13	21 47	1 18	17 51	15 50	3 43	3 24	7 23	8 2	6 45
W22	23 9	3s14	1 54	24 29	1 33	15 40	0 57	21 4	0 6	23 20	0 3	0 51	2 27	23 41	0 13	21 47	1 18	17 51	15 51	3 43	3 25	7 24	8 3	6 45
T 23	23 4	7 34	3 0	24 21	1 38	15 25	1 8	21 13	0 5	23 21	0 3	0 50	2 27	23 41	0 13	21 47	1 18	17 51	15 51	3 44	3 26	7 26	8 3	6 45
F 24	23 0	11 28	3 55	24 10	1 42	15 10	1 19	21 21	0 4	23 22	0 3	0 49	2 27	23 41	0 13	21 47	1 18	17 52	15 52	3 45	3 28	7 28	8 4	6 45
S 25	22 54	14 43	4 35	23 57	1 45	14 56	1 31	21 28	0 4	23 22	0 3	0 47	2 26	23 41	0 13	21 47	1 18	17 52	15 52	3 47	3 29	7 30	8 4	6 46
S 26	22 49	17 4	4 58	23 41	1 47	14 42	1 43	21 36	0 3	23 23	0 3	0 46	2 26	23 41	0 13	21 48	1 18	17 53	15 52	3 50	3 30	7 31	8 5	6 46
M27	22 43	18 20	5 2	23 23	1 49	14 28	1 56	21 43	0 2	23 23	0 4	0 45	2 26	23 41	0 13	21 48	1 18	17 53	15 53	3 54	3 31	7 33	8 5	6 46
T 28	22 37	18 26	4 48	23 3	1 50	14 14	2 8	21 50	0 1	23 24	0 4	0 43	2 26	23 41	0 13	21 48	1 18	17 54	15 53	3 57	3 33	7 35	8 6	6 46
W29	22 30	17 27	4 17	22 41	1 50	14 1	2 21	21 57	0 1	23 24	0 4	0 42	2 26	23 41	0 13	21 48	1 18	17 54	15 53	4 1	3 34	7 36	8 6	6 47
T 30	22n23	15s29	3n32	22n17	1n50	13n49	2s35	22n 4	0n 0	23s25	0s 4	0n40	2n25	23s41	0s13	21n48	1s18	17s55	15s54	4n 5	3n35	7n38	8s 7	6n47

Julian Day Number = 2294286.5, Delta T = 139.69 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'54, Lahiri = 17°50'55 Julian Calendar 1 June 1569 == Greg. Calendar 11 June 1569

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1569
geocentric

JULY 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 14 27	18♋10'59	18♒48	0♌31	15°R17	11♊10	6°R 8	3♎57	26°R49	19♊55	21°R32	19°R38	20♍55	27♈15	20°R55	F 1
S 2	19 18 23	19° 8'12	1♓36	2°25	15♌12	11°51	6♑ 1	4° 1	26♐47	19°57	21♓32	19♍34	20°52	27°21	20♒52	S 2
S 3	19 22 20	20° 5'25	14° 4	4°18	15° 5	12°32	5°54	4° 4	26°45	19°59	21°31	19°D32	20°49	27°28	20°50	S 3
M 4	19 26 16	21° 2'39	26°16	6° 8	14°55	13°13	5°47	4° 8	26°43	20° 1	21°31	19°32	20°46	27°35	20°47	M 4
T 5	19 30 13	21°59'54	8♈15	7°57	14°43	13°54	5°39	4°11	26°41	20° 3	21°30	19°33	20°43	27°41	20°45	T 5
W 6	19 34 10	22°57'10	20° 7	9°44	14°29	14°35	5°32	4°15	26°39	20° 5	21°30	19°R34	20°40	27°48	20°42	W 6
T 7	19 38 6	23°54'26	1♉57	11°29	14°12	15°16	5°25	4°19	26°36	20° 7	21°29	19°33	20°36	27°55	20°39	T 7
F 8	19 42 3	24°51'44	13°50	13°13	13°53	15°57	5°18	4°23	26°34	20° 9	21°29	19°31	20°33	28° 1	20°37	F 8
S 9	19 45 59	25°49'02	25°51	14°54	13°32	16°38	5°12	4°27	26°32	20°11	21°28	19°27	20°30	28° 8	20°34	S 9
S 10	19 49 56	26°46'21	8♊ 5	16°34	13° 8	17°18	5° 5	4°31	26°30	20°12	21°28	19°21	20°27	28°15	20°31	S 10
M11	19 53 52	27°43'42	20°33	18°13	12°43	17°59	4°58	4°35	26°28	20°14	21°27	19°14	20°24	28°21	20°28	M11
T 12	19 57 49	28°41'03	3♋19	19°49	12°16	18°39	4°52	4°40	26°26	20°16	21°26	19° 5	20°20	28°28	20°26	T 12
W13	20 1 45	29°38'25	16°23	21°23	11°46	19°20	4°45	4°44	26°25	20°18	21°26	18°57	20°17	28°35	20°23	W13
T 14	20 5 42	0♌35'48	29°45	22°56	11°16	20° 0	4°39	4°48	26°23	20°20	21°25	18°49	20°14	28°41	20°20	T 14
F 15	20 9 39	1°33'12	13♌22	24°27	10°43	20°41	4°33	4°53	26°21	20°22	21°24	18°43	20°11	28°48	20°17	F 15
S 16	20 13 35	2°30'36	27°11	25°57	10°10	21°21	4°27	4°57	26°19	20°23	21°24	18°39	20° 8	28°55	20°14	S 16
S 17	20 17 32	3°28'01	11♍10	27°24	9°35	22° 1	4°21	5° 2	26°17	20°25	21°23	18°37	20° 5	29° 1	20°11	S 17
M18	20 21 28	4°25'27	25°16	28°50	8°59	22°41	4°15	5° 7	26°15	20°27	21°22	18°D37	20° 1	29° 8	20° 8	M18
T 19	20 25 25	5°22'54	9♎25	0♍13	8°22	23°21	4°10	5°11	26°14	20°29	21°21	18°38	19°58	29°15	20° 5	T 19
W20	20 29 21	6°20'21	23°37	1°35	7°45	24° 1	4° 4	5°16	26°12	20°30	21°21	18°39	19°55	29°21	20° 2	W20
T 21	20 33 18	7°17'49	7♏48	2°55	7° 8	24°41	3°59	5°21	26°10	20°32	21°20	18°R40	19°52	29°28	19°59	T 21
F 22	20 37 14	8°15'18	21°57	4°13	6°31	25°21	3°54	5°26	26° 9	20°34	21°19	18°39	19°49	29°35	19°56	F 22
S 23	20 41 11	9°12'48	6♐ 3	5°29	5°53	26° 1	3°49	5°31	26° 7	20°35	21°18	18°36	19°46	29°41	19°53	S 23
S 24	20 45 8	10°10'18	20° 3	6°43	5°17	26°40	3°44	5°36	26° 6	20°37	21°17	18°32	19°42	29°48	19°50	S 24
M25	20 49 4	11° 7'50	3♑54	7°55	4°41	27°20	3°39	5°42	26° 4	20°38	21°17	18°27	19°39	29°55	19°47	M25
T 26	20 53 1	12° 5'22	17°34	9° 4	4° 6	28° 0	3°34	5°47	26° 3	20°40	21°16	18°21	19°36	0♉ 2	19°44	T 26
W27	20 56 57	13° 2'55	1♒ 0	10°11	3°32	28°39	3°30	5°52	26° 1	20°41	21°15	18°16	19°33	0° 8	19°41	W27
T 28	21 0 54	14° 0'30	14°11	11°16	2°59	29°19	3°26	5°57	26° 0	20°43	21°14	18°11	19°30	0°15	19°38	T 28
F 29	21 4 50	14°58'06	27° 5	12°19	2°28	29°58	3°22	6° 3	25°59	20°44	21°13	18° 8	19°26	0°22	19°35	F 29
S 30	21 8 47	15°55'42	9♓42	13°18	1°59	0♋37	3°18	6° 8	25°57	20°46	21°12	18° 6	19°23	0°28	19°31	S 30
S 31	21 12 43	16♌53'21	22♓ 3	14♍15	1♌31	1♋17	3♑14	6♎14	25♐56	20♊47	21♓11	18°D 6	19♍20	0♉35	19♒28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n15	12s44	2n37	21n52	1n49	13n37	2s48	22n11	0n 1	23s25	0s 4	0n39	2n25	23s41	0s13	21n48	1s18	17s55	15s54	4n 7	3n36	7n40	8s 7	6n47
S 2	22 7	9 27	1 35	21 24	1 47	13 25	3 1	22 17	0 1	23 26	0 4	0 37	2 25	23 41	0 13	21 48	1 18	17 56	15 54	4 8	3 38	7 42	8 8	6 47
S 3	21 59	5 50	0 29	20 56	1 45	13 14	3 15	22 23	0 2	23 26	0 4	0 36	2 25	23 41	0 14	21 49	1 18	17 56	15 55	4 9	3 39	7 43	8 8	6 47
M 4	21 51	2 2	0s36	20 26	1 43	13 4	3 29	22 29	0 3	23 27	0 5	0 34	2 24	23 41	0 14	21 49	1 18	17 57	15 55	4 9	3 40	7 45	8 9	6 48
T 5	21 41	1n46	1 39	19 55	1 39	12 54	3 43	22 35	0 4	23 27	0 5	0 32	2 24	23 41	0 14	21 49	1 18	17 57	15 55	4 9	3 41	7 47	8 10	6 48
W 6	21 32	5 28	2 37	19 23	1 35	12 45	3 57	22 40	0 4	23 27	0 5	0 31	2 24	23 41	0 14	21 49	1 18	17 58	15 56	4 8	3 43	7 48	8 10	6 48
T 7	21 22	8 56	3 27	18 50	1 31	12 36	4 11	22 46	0 5	23 28	0 5	0 29	2 24	23 40	0 14	21 49	1 19	17 58	15 56	4 9	3 44	7 50	8 11	6 48
F 8	21 12	12 3	4 10	18 16	1 26	12 28	4 25	22 51	0 6	23 28	0 5	0 27	2 24	23 40	0 14	21 49	1 19	17 59	15 56	4 9	3 45	7 52	8 12	6 48
S 9	21 2	14 42	4 41	17 41	1 21	12 21	4 39	22 56	0 7	23 29	0 5	0 25	2 23	23 40	0 14	21 49	1 19	17 59	15 57	4 11	3 46	7 54	8 12	6 48
S 10	20 51	16 45	5 1	17 6	1 15	12 14	4 52	23 1	0 7	23 29	0 5	0 23	2 23	23 40	0 14	21 49	1 19	18 0	15 57	4 13	3 48	7 55	8 13	6 49
M11	20 40	18 3	5 7	16 30	1 9	12 8	5 6	23 5	0 8	23 29	0 6	0 22	2 23	23 40	0 14	21 50	1 19	18 0	15 57	4 16	3 49	7 57	8 14	6 49
T 12	20 28	18 30	4 57	15 53	1 2	12 3	5 19	23 9	0 9	23 30	0 6	0 20	2 23	23 40	0 14	21 50	1 19	18 1	15 58	4 20	3 50	7 59	8 14	6 49
W13	20 16	17 58	4 33	15 17	0 55	11 58	5 32	23 13	0 10	23 30	0 6	0 18	2 23	23 40	0 14	21 50	1 19	18 1	15 58	4 23	3 51	8 0	8 15	6 49
T 14	20 4	16 27	3 53	14 39	0 48	11 54	5 45	23 17	0 10	23 31	0 6	0 16	2 22	23 40	0 14	21 50	1 19	18 2	15 58	4 26	3 53	8 2	8 16	6 49
F 15	19 51	14 0	2 59	14 2	0 40	11 51	5 57	23 21	0 11	23 31	0 6	0 14	2 22	23 40	0 14	21 50	1 19	18 2	15 59	4 29	3 54	8 4	8 17	6 49
S 16	19 39	10 42	1 53	13 24	0 32	11 49	6 9	23 25	0 12	23 31	0 6	0 12	2 22	23 40	0 14	21 50	1 19	18 3	15 59	4 30	3 55	8 6	8 18	6 49
S 17	19 25	6 46	0 40	12 47	0 24	11 47	6 20	23 28	0 13	23 32	0 6	0 10	2 22	23 40	0 14	21 50	1 19	18 3	15 59	4 31	3 56	8 7	8 18	6 49
M18	19 12	2 26	0n36	12 9	0 16	11 46	6 31	23 31	0 14	23 32	0 6	0 8	2 22	23 40	0 14	21 50	1 19	18 4	15 59	4 31	3 58	8 9	8 19	6 49
T 19	18 58	2s 3	1 50	11 31	0 7	11 45	6 41	23 34	0 14	23 32	0 7	0 6	2 21	23 40	0 14	21 50	1 19	18 5	16 0	4 30	3 59	8 11	8 20	6 50
W20	18 44	6 25	2 58	10 54	0s 2	11 45	6 50	23 36	0 15	23 32	0 7	0 4	2 21	23 40	0 14	21 51	1 19	18 5	16 0	4 30	4 0	8 12	8 21	6 50
T 21	18 29	10 26	3 55	10 16	0 12	11 46	6 59	23 39	0 16	23 33	0 7	0 2	2 21	23 40	0 14	21 51	1 19	18 6	16 0	4 30	4 1	8 14	8 22	6 50
F 22	18 15	13 49	4 38	9 39	0 21	11 48	7 7	23 41	0 17	23 33	0 7	0s 0	2 21	23 40	0 14	21 51	1 19	18 6	16 1	4 30	4 3	8 16	8 23	6 50
S 23	17 59	16 23	5 3	9 3	0 31	11 50	7 14	23 43	0 17	23 33	0 7	0 3	2 21	23 40	0 14	21 51	1 19	18 7	16 1	4 31	4 4	8 17	8 24	6 50
S 24	17 44	17 58	5 10	8 26	0 41	11 52	7 20	23 45	0 18	23 34	0 7	0 5	2 21	23 40	0 14	21 51	1 19	18 7	16 1	4 33	4 5	8 19	8 25	6 50
M25	17 28	18 27	4 59	7 50	0 51	11 55	7 25	23 47	0 19	23 34	0 7	0 7	2 20	23 40	0 14	21 51	1 19	18 8	16 1	4 35	4 6	8 21	8 25	6 50
T 26	17 12	17 51	4 31	7 15	1 1	11 59	7 30	23 48	0 20	23 34	0 7	0 9	2 20	23 40	0 14	21 51	1 19	18 9	16 2	4 37	4 8	8 23	8 26	6 50
W27	16 56	16 15	3 49	6 40	1 12	12 3	7 34	23 50	0 21	23 34	0 8	0 12	2 20	23 40	0 14	21 51	1 19	18 9	16 2	4 39	4 9	8 24	8 27	6 50
T 28	16 40	13 49	2 55	6 5	1 22	12 7	7 37	23 51	0 21	23 35	0 8	0 14	2 20	23 39	0 14	21 51	1 19	18 10	16 2	4 41	4 10	8 26	8 28	6 50
F 29	16 23	10 45	1 52	5 32	1 33	12 12	7 39	23 52	0 22	23 35	0 8	0 16	2 20	23 39	0 14	21 51	1 19	18 10	16 2	4 42	4 11	8 28	8 29	6 50
S 30	16 6	7 15	0 46	4 59	1 43	12 17	7 40	23 52	0 23	23 35	0 8	0 18	2 20	23 39	0 14	21 51	1 19	18 11	16 3	4 43	4 13	8 29	8 30	6 50
S 31	15n49	3s29	0s22	4n28	1s54	12n22	7s41	23n53	0n24	23s35	0s 8	0s21	2n19	23s39	0s14	21n51	1s19	18s12	16s 3	4n43	4n14	8n31	8s31	6n50

Julian Day Number = 2294316.5, Delta T = 139.53 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°43'58, Lahiri = 17°50'59 Julian Calendar 1 July 1569 == Greg. Calendar 11 July 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

AUGUST 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 16 40	17♌51'01	4♈12	15♍ 9	1°R 6	1♋56	3°R10	6♎20	25°R55	20♊49	21°R10	18♍ 7	19♍17	0♉42	19°R25	M 1
T 2	21 20 37	18°48'42	16°10	16° 0	0♌42	2°35	3♏ 7	6°25	25♐54	20°50	21♓ 9	18° 8	19°14	0°48	19♒22	T 2
W 3	21 24 33	19°46'25	28° 2	16°48	0°21	3°14	3° 4	6°31	25°53	20°51	21° 8	18°10	19°11	0°55	19°19	W 3
T 4	21 28 30	20°44'09	9♉52	17°33	0° 2	3°53	3° 1	6°37	25°52	20°53	21° 7	18°11	19° 7	1° 2	19°16	T 4
F 5	21 32 26	21°41'56	21°46	18°14	29♋45	4°32	2°58	6°43	25°51	20°54	21° 6	18°R12	19° 4	1° 8	19°13	F 5
S 6	21 36 23	22°39'44	3♊47	18°51	29°31	5°10	2°55	6°49	25°50	20°55	21° 5	18°11	19° 1	1°15	19°10	S 6
S 7	21 40 19	23°37'33	16° 2	19°24	29°19	5°49	2°53	6°54	25°49	20°57	21° 4	18°10	18°58	1°22	19° 7	S 7
M 8	21 44 16	24°35'25	28°33	19°53	29°10	6°28	2°50	7° 0	25°48	20°58	21° 3	18° 7	18°55	1°28	19° 3	M 8
T 9	21 48 12	25°33'18	11♋24	20°17	29° 3	7° 6	2°48	7° 7	25°47	20°59	21° 2	18° 4	18°51	1°35	19° 0	T 9
W10	21 52 9	26°31'13	24°37	20°37	28°58	7°45	2°46	7°13	25°46	21° 0	21° 1	18° 1	18°48	1°42	18°57	W10
T 11	21 56 6	27°29'10	8♌12	20°52	28°D56	8°23	2°44	7°19	25°45	21° 1	21° 0	17°58	18°45	1°48	18°54	T 11
F 12	22 0 2	28°27'08	22° 7	21° 1	28°56	9° 2	2°43	7°25	25°45	21° 2	20°59	17°55	18°42	1°55	18°51	F 12
S 13	22 3 59	29°25'08	6♍20	21°R 5	28°58	9°40	2°41	7°31	25°44	21° 3	20°58	17°54	18°39	2° 2	18°48	S 13
S 14	22 7 55	0♍23'09	20°45	21° 3	29° 3	10°18	2°40	7°38	25°43	21° 4	20°56	17°D54	18°36	2° 8	18°45	S 14
M15	22 11 52	1°21'12	5♎17	20°55	29°10	10°56	2°39	7°44	25°43	21° 5	20°55	17°54	18°32	2°15	18°42	M15
T 16	22 15 48	2°19'17	19°50	20°41	29°19	11°34	2°38	7°50	25°42	21° 6	20°54	17°55	18°29	2°22	18°39	T 16
W17	22 19 45	3°17'23	4♏20	20°21	29°30	12°12	2°38	7°57	25°42	21° 7	20°53	17°57	18°26	2°28	18°36	W17
T 18	22 23 41	4°15'30	18°42	19°54	29°43	12°50	2°37	8° 3	25°42	21° 8	20°52	17°57	18°23	2°35	18°33	T 18
F 19	22 27 38	5°13'39	2♐54	19°21	29°58	13°28	2°37	8°10	25°41	21° 9	20°51	17°R58	18°20	2°42	18°30	F 19
S 20	22 31 34	6°11'49	16°52	18°43	0♌15	14° 6	2°D37	8°16	25°41	21°10	20°50	17°58	18°17	2°49	18°27	S 20
S 21	22 35 31	7°10'01	0♑37	17°59	0°35	14°44	2°37	8°23	25°41	21°11	20°48	17°57	18°13	2°55	18°24	S 21
M22	22 39 28	8° 8'14	14° 7	17° 9	0°55	15°21	2°37	8°30	25°40	21°12	20°47	17°56	18°10	3° 2	18°21	M22
T 23	22 43 24	9° 6'29	27°23	16°16	1°18	15°59	2°38	8°36	25°40	21°12	20°46	17°55	18° 7	3° 9	18°19	T 23
W24	22 47 21	10° 4'45	10♒25	15°18	1°42	16°36	2°38	8°43	25°40	21°13	20°45	17°54	18° 4	3°15	18°16	W24
T 25	22 51 17	11° 3'03	23°13	14°19	2° 9	17°13	2°39	8°50	25°40	21°14	20°44	17°53	18° 1	3°22	18°13	T 25
F 26	22 55 14	12° 1'23	5♓48	13°18	2°36	17°51	2°40	8°56	25°D40	21°15	20°43	17°52	17°57	3°29	18°10	F 26
S 27	22 59 10	12°59'44	18°10	12°17	3° 5	18°28	2°42	9° 3	25°40	21°15	20°41	17°D52	17°54	3°35	18° 7	S 27
S 28	23 3 7	13°58'08	0♈21	11°18	3°36	19° 5	2°43	9°10	25°40	21°16	20°40	17°52	17°51	3°42	18° 5	S 28
M29	23 7 3	14°56'33	12°23	10°22	4° 8	19°42	2°45	9°17	25°40	21°16	20°39	17°53	17°48	3°49	18° 2	M29
T 30	23 11 0	15°55'00	24°19	9°30	4°42	20°19	2°47	9°24	25°41	21°17	20°38	17°53	17°45	3°55	17°59	T 30
W31	23 14 57	16♍53'30	6♉ 9	8♍44	5♌17	20♋56	2♏49	9♎31	25♐41	21♊17	20♓37	17♍53	17♍42	4♉ 2	17♒57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n31	0n20	1s27	3n57	2s 5	12n27	7s41	23n53	0n24	23s35	0s 8	0s23	2n19	23s39	0s14	21n52	1s19	18s12	16s 3	4n43	4n15	8n33	8s32	6n50
T 2	15 13	4 6	2 28	3 27	2 15	12 33	7 40	23 53	0 25	23 36	0 8	0 26	2 19	23 39	0 14	21 52	1 19	18 13	16 3	4 42	4 16	8 34	8 33	6 50
W 3	14 55	7 39	3 22	2 59	2 26	12 39	7 38	23 53	0 26	23 36	0 8	0 28	2 19	23 39	0 14	21 52	1 19	18 13	16 3	4 41	4 18	8 36	8 34	6 50
T 4	14 37	10 54	4 7	2 32	2 37	12 45	7 36	23 53	0 27	23 36	0 9	0 30	2 19	23 39	0 14	21 52	1 19	18 14	16 4	4 41	4 19	8 38	8 35	6 50
F 5	14 18	13 42	4 42	2 6	2 47	12 51	7 33	23 53	0 28	23 36	0 9	0 33	2 19	23 39	0 14	21 52	1 19	18 14	16 4	4 41	4 20	8 39	8 36	6 50
S 6	13 59	15 58	5 5	1 42	2 57	12 57	7 30	23 52	0 28	23 36	0 9	0 35	2 19	23 39	0 14	21 52	1 19	18 15	16 4	4 41	4 21	8 41	8 37	6 49
S 7	13 40	17 33	5 14	1 20	3 7	13 3	7 26	23 51	0 29	23 37	0 9	0 38	2 18	23 39	0 14	21 52	1 19	18 16	16 4	4 42	4 23	8 43	8 38	6 49
M 8	13 21	18 20	5 9	1 0	3 17	13 10	7 22	23 50	0 30	23 37	0 9	0 40	2 18	23 39	0 14	21 52	1 19	18 16	16 4	4 43	4 24	8 45	8 39	6 49
T 9	13 2	18 12	4 49	0 41	3 27	13 16	7 17	23 49	0 31	23 37	0 9	0 43	2 18	23 39	0 14	21 52	1 19	18 17	16 5	4 44	4 25	8 46	8 40	6 49
W10	12 42	17 6	4 13	0 25	3 36	13 22	7 12	23 48	0 32	23 37	0 9	0 45	2 18	23 39	0 14	21 52	1 19	18 17	16 5	4 45	4 26	8 48	8 41	6 49
T 11	12 22	15 0	3 22	0 12	3 44	13 28	7 6	23 46	0 33	23 37	0 9	0 48	2 18	23 39	0 14	21 52	1 19	18 18	16 5	4 46	4 28	8 50	8 42	6 49
F 12	12 2	12 0	2 18	0 1	3 52	13 34	7 0	23 44	0 33	23 37	0 9	0 50	2 18	23 39	0 14	21 52	1 19	18 19	16 5	4 47	4 29	8 51	8 43	6 49
S 13	11 42	8 14	1 4	0s 8	4 0	13 39	6 54	23 42	0 34	23 37	0 9	0 53	2 18	23 39	0 14	21 52	1 19	18 19	16 5	4 48	4 30	8 53	8 44	6 49
S 14	11 22	3 55	0n16	0 13	4 6	13 45	6 47	23 40	0 35	23 38	0 10	0 56	2 18	23 39	0 14	21 52	1 20	18 20	16 5	4 48	4 31	8 55	8 45	6 49
M15	11 1	0s39	1 35	0 15	4 12	13 50	6 40	23 38	0 36	23 38	0 10	0 58	2 17	23 39	0 14	21 52	1 20	18 20	16 6	4 47	4 33	8 56	8 46	6 48
T 16	10 40	5 11	2 48	0 14	4 17	13 56	6 33	23 36	0 37	23 38	0 10	1 1	2 17	23 39	0 14	21 52	1 20	18 21	16 6	4 47	4 34	8 58	8 47	6 48
W17	10 19	9 23	3 50	0 9	4 20	14 0	6 26	23 33	0 38	23 38	0 10	1 3	2 17	23 39	0 14	21 52	1 20	18 22	16 6	4 47	4 35	9 0	8 49	6 48
T 18	9 58	13 0	4 37	0 1	4 23	14 5	6 18	23 30	0 38	23 38	0 10	1 6	2 17	23 39	0 14	21 52	1 20	18 22	16 6	4 46	4 36	9 1	8 50	6 48
F 19	9 37	15 47	5 6	0n11	4 23	14 10	6 11	23 28	0 39	23 38	0 10	1 9	2 17	23 39	0 14	21 52	1 20	18 23	16 6	4 46	4 38	9 3	8 51	6 48
S 20	9 16	17 35	5 17	0 27	4 22	14 14	6 3	23 25	0 40	23 38	0 10	1 11	2 17	23 39	0 14	21 52	1 20	18 23	16 6	4 46	4 39	9 5	8 52	6 48
S 21	8 54	18 20	5 9	0 47	4 20	14 18	5 55	23 21	0 41	23 38	0 10	1 14	2 17	23 39	0 14	21 52	1 20	18 24	16 6	4 46	4 40	9 6	8 53	6 47
M22	8 32	18 2	4 44	1 10	4 16	14 21	5 47	23 18	0 42	23 38	0 10	1 17	2 17	23 39	0 14	21 52	1 20	18 24	16 6	4 47	4 41	9 8	8 54	6 47
T 23	8 10	16 44	4 5	1 36	4 9	14 24	5 39	23 14	0 43	23 38	0 10	1 20	2 17	23 39	0 14	21 52	1 20	18 25	16 6	4 47	4 43	9 10	8 55	6 47
W24	7 48	14 34	3 13	2 6	4 1	14 27	5 31	23 11	0 43	23 39	0 11	1 22	2 17	23 39	0 14	21 52	1 20	18 25	16 7	4 48	4 44	9 11	8 56	6 47
T 25	7 26	11 43	2 13	2 38	3 51	14 29	5 22	23 7	0 44	23 39	0 11	1 25	2 16	23 39	0 14	21 52	1 20	18 26	16 7	4 48	4 45	9 13	8 57	6 47
F 26	7 4	8 23	1 7	3 13	3 39	14 31	5 14	23 3	0 45	23 39	0 11	1 28	2 16	23 39	0 14	21 52	1 20	18 27	16 7	4 48	4 46	9 15	8 58	6 46
S 27	6 42	4 43	0s 2	3 49	3 25	14 33	5 6	22 59	0 46	23 39	0 11	1 31	2 16	23 39	0 14	21 52	1 20	18 27	16 7	4 48	4 47	9 16	8 59	6 46
S 28	6 19	0 55	1 9	4 25	3 10	14 34	4 57	22 54	0 47	23 39	0 11	1 33	2 16	23 39	0 14	21 52	1 20	18 28	16 7	4 48	4 49	9 18	9 0	6 46
M29	5 57	2n53	2 12	5 2	2 53	14 35	4 49	22 50	0 48	23 39	0 11	1 36	2 16	23 39	0 14	21 52	1 20	18 28	16 7	4 48	4 50	9 20	9 1	6 46
T 30	5 34	6 31	3 9	5 38	2 35	14 35	4 41	22 45	0 49	23 39	0 11	1 39	2 16	23 39	0 14	21 52	1 20	18 29	16 7	4 48	4 51	9 21	9 2	6 45
W31	5n11	9n52	3s57	6n13	2s16	14n35	4s32	22n40	0n49	23s39	0s11	1s42	2n16	23s39	0s14	21n52	1s20	18s29	16s 7	4n48	4n52	9n23	9s 3	6n45

Julian Day Number = 2294347.5, Delta T = 139.36 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'02, Lahiri = 17°51'03 Julian Calendar 1 Aug. 1569 == Greg. Calendar 11 Aug. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

SEPTEMBER 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 18 53	17♍52'01	17♉59	8°R 4	5♌53	21♋32	2♏51	9♎38	25♐41	21♊18	20°R35	17°R53	17♍38	4♉ 9	17°R54	T 1
F 2	23 22 50	18°50'35	29°52	7♍33	6°31	22° 9	2°53	9°45	25°41	21°18	20♓34	17♍53	17°35	4°15	17♒52	F 2
S 3	23 26 46	19°49'11	11♊53	7°10	7° 9	22°46	2°56	9°52	25°42	21°19	20°33	17°53	17°32	4°22	17°49	S 3
S 4	23 30 43	20°47'49	24° 5	6°56	7°49	23°22	2°59	9°59	25°42	21°19	20°32	17°D53	17°29	4°29	17°47	S 4
M 5	23 34 39	21°46'30	6♋33	6°D52	8°30	23°58	3° 2	10° 6	25°43	21°19	20°30	17°53	17°26	4°35	17°44	M 5
T 6	23 38 36	22°45'13	19°22	6°58	9°13	24°35	3° 5	10°13	25°43	21°20	20°29	17°53	17°23	4°42	17°42	T 6
W 7	23 42 32	23°43'58	2♌34	7°14	9°56	25°11	3° 8	10°20	25°44	21°20	20°28	17°54	17°19	4°49	17°40	W 7
T 8	23 46 29	24°42'45	16°12	7°39	10°40	25°47	3°11	10°27	25°45	21°20	20°27	17°55	17°16	4°56	17°37	T 8
F 9	23 50 26	25°41'34	0♍15	8°14	11°25	26°23	3°15	10°34	25°45	21°20	20°26	17°55	17°13	5° 2	17°35	F 9
S 10	23 54 22	26°40'26	14°42	8°57	12°11	26°59	3°19	10°42	25°46	21°21	20°24	17°R55	17°10	5° 9	17°33	S 10
S 11	23 58 19	27°39'20	29°26	9°49	12°58	27°35	3°23	10°49	25°47	21°21	20°23	17°55	17° 7	5°16	17°31	S 11
M12	0 2 15	28°38'15	14♎22	10°49	13°46	28°11	3°27	10°56	25°48	21°21	20°22	17°55	17° 3	5°22	17°29	M12
T 13	0 6 12	29°37'13	29°22	11°55	14°34	28°46	3°32	11° 3	25°49	21°21	20°21	17°54	17° 0	5°29	17°27	T 13
W14	0 10 8	0♎36'12	14♏15	13° 8	15°24	29°22	3°36	11°11	25°50	21°21	20°20	17°52	16°57	5°36	17°25	W14
T 15	0 14 5	1°35'14	28°57	14°27	16°14	29°57	3°41	11°18	25°51	21°R21	20°18	17°50	16°54	5°42	17°23	T 15
F 16	0 18 1	2°34'17	13♐20	15°50	17° 5	0♌33	3°46	11°25	25°52	21°21	20°17	17°49	16°51	5°49	17°21	F 16
S 17	0 21 58	3°33'22	27°23	17°18	17°56	1° 8	3°51	11°32	25°53	21°21	20°16	17°D49	16°48	5°56	17°19	S 17
S 18	0 25 54	4°32'29	11♑ 3	18°50	18°49	1°43	3°56	11°40	25°54	21°21	20°15	17°49	16°44	6° 2	17°17	S 18
M19	0 29 51	5°31'37	24°22	20°25	19°42	2°18	4° 2	11°47	25°55	21°21	20°14	17°49	16°41	6° 9	17°15	M19
T 20	0 33 48	6°30'47	7♒22	22° 2	20°35	2°53	4° 7	11°54	25°56	21°20	20°13	17°51	16°38	6°16	17°14	T 20
W21	0 37 44	7°29'59	20° 6	23°41	21°29	3°28	4°13	12° 2	25°58	21°20	20°11	17°52	16°35	6°22	17°12	W21
T 22	0 41 41	8°29'13	2♓35	25°22	22°24	4° 2	4°19	12° 9	25°59	21°20	20°10	17°53	16°32	6°29	17°11	T 22
F 23	0 45 37	9°28'29	14°52	27° 4	23°20	4°37	4°25	12°16	26° 1	21°20	20° 9	17°R54	16°28	6°36	17° 9	F 23
S 24	0 49 34	10°27'47	27° 1	28°48	24°16	5°11	4°31	12°23	26° 2	21°19	20° 8	17°54	16°25	6°43	17° 8	S 24
S 25	0 53 30	11°27'06	9♈ 2	0♎31	25°12	5°46	4°37	12°31	26° 4	21°19	20° 7	17°52	16°22	6°49	17° 6	S 25
M26	0 57 27	12°26'28	20°57	2°16	26°10	6°20	4°44	12°38	26° 5	21°19	20° 6	17°50	16°19	6°56	17° 5	M26
T 27	1 1 23	13°25'52	2♉49	4° 0	27° 7	6°54	4°51	12°45	26° 7	21°18	20° 5	17°46	16°16	7° 3	17° 4	T 27
W28	1 5 20	14°25'18	14°40	5°45	28° 5	7°28	4°58	12°53	26° 8	21°18	20° 4	17°41	16°13	7° 9	17° 2	W28
T 29	1 9 17	15°24'46	26°30	7°30	29° 4	8° 2	5° 5	13° 0	26°10	21°17	20° 3	17°36	16° 9	7°16	17° 1	T 29
F 30	1 13 13	16♎24'17	8♊24	9♎14	0♍ 3	8♌36	5♏12	13♎ 7	26♐12	21♊17	20♓ 1	17♍32	16♍ 6	7♉23	17♒ 0	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n48	12n49	4s35	6n46	1s56	14n35	4s24	22n36	0n50	23s39	0s11	1s44	2n16	23s39	0s14	21n52	1s20	18s30	16s 7	4n48	4n54	9n25	9s 4	6n45
F 2	4 25	15 15	5 2	7 16	1 36	14 34	4 15	22 31	0 51	23 39	0 11	1 47	2 16	23 39	0 13	21 52	1 20	18 30	16 7	4 48	4 55	9 26	9 5	6 44
S 3	4 2	17 3	5 16	7 43	1 17	14 32	4 7	22 25	0 52	23 39	0 12	1 50	2 16	23 39	0 13	21 52	1 20	18 31	16 7	4 48	4 56	9 28	9 6	6 44
S 4	3 39	18 6	5 16	8 6	0 57	14 30	3 59	22 20	0 53	23 39	0 12	1 53	2 16	23 39	0 13	21 52	1 20	18 31	16 7	4 48	4 57	9 30	9 7	6 44
M 5	3 16	18 19	5 1	8 25	0 38	14 28	3 50	22 15	0 54	23 39	0 12	1 56	2 16	23 39	0 13	21 52	1 20	18 32	16 7	4 48	4 59	9 31	9 8	6 44
T 6	2 53	17 37	4 31	8 40	0 20	14 25	3 42	22 9	0 55	23 39	0 12	1 59	2 16	23 39	0 13	21 52	1 20	18 32	16 7	4 48	5 0	9 33	9 9	6 43
W 7	2 30	15 57	3 46	8 50	0 2	14 22	3 34	22 3	0 56	23 39	0 12	2 1	2 16	23 39	0 13	21 52	1 20	18 33	16 7	4 48	5 1	9 35	9 10	6 43
T 8	2 6	13 21	2 47	8 56	0n14	14 18	3 26	21 58	0 57	23 39	0 12	2 4	2 16	23 39	0 13	21 52	1 20	18 33	16 7	4 47	5 2	9 36	9 11	6 43
F 9	1 43	9 54	1 37	8 57	0 29	14 13	3 18	21 52	0 57	23 39	0 12	2 7	2 16	23 39	0 13	21 52	1 20	18 34	16 7	4 47	5 4	9 38	9 12	6 42
S 10	1 20	5 46	0 18	8 54	0 43	14 9	3 10	21 46	0 58	23 39	0 12	2 10	2 15	23 39	0 13	21 52	1 21	18 34	16 7	4 47	5 5	9 39	9 13	6 42
S 11	0 56	1 12	1n 3	8 46	0 56	14 3	3 2	21 40	0 59	23 39	0 12	2 13	2 15	23 39	0 13	21 52	1 21	18 35	16 7	4 47	5 6	9 41	9 14	6 42
M12	0 33	3s30	2 21	8 34	1 8	13 57	2 54	21 33	1 0	23 39	0 12	2 16	2 15	23 39	0 13	21 52	1 21	18 35	16 7	4 47	5 7	9 43	9 15	6 41
T 13	0 9	8 0	3 30	8 18	1 18	13 51	2 46	21 27	1 1	23 39	0 12	2 18	2 15	23 39	0 13	21 52	1 21	18 35	16 7	4 48	5 9	9 44	9 16	6 41
W14	0s14	11 57	4 24	7 58	1 26	13 44	2 38	21 20	1 2	23 39	0 12	2 21	2 15	23 39	0 13	21 52	1 21	18 36	16 7	4 48	5 10	9 46	9 17	6 41
T 15	0 38	15 6	4 59	7 35	1 34	13 37	2 31	21 14	1 3	23 39	0 13	2 24	2 15	23 39	0 13	21 52	1 21	18 36	16 7	4 49	5 11	9 48	9 18	6 40
F 16	1 1	17 14	5 15	7 8	1 40	13 29	2 23	21 7	1 4	23 39	0 13	2 27	2 15	23 39	0 13	21 52	1 21	18 37	16 7	4 49	5 12	9 49	9 19	6 40
S 17	1 25	18 16	5 12	6 39	1 46	13 21	2 15	21 0	1 5	23 39	0 13	2 30	2 15	23 39	0 13	21 52	1 21	18 37	16 7	4 50	5 14	9 51	9 20	6 40
S 18	1 49	18 12	4 51	6 6	1 50	13 12	2 8	20 53	1 6	23 39	0 13	2 33	2 15	23 39	0 13	21 52	1 21	18 38	16 7	4 50	5 15	9 53	9 21	6 39
M19	2 12	17 7	4 14	5 32	1 53	13 2	2 0	20 46	1 7	23 39	0 13	2 36	2 15	23 39	0 13	21 52	1 21	18 38	16 7	4 49	5 16	9 54	9 21	6 39
T 20	2 35	15 9	3 26	4 55	1 55	12 52	1 53	20 39	1 8	23 39	0 13	2 38	2 15	23 39	0 13	21 52	1 21	18 38	16 7	4 49	5 17	9 56	9 22	6 38
W21	2 59	12 29	2 28	4 17	1 56	12 42	1 46	20 32	1 9	23 38	0 13	2 41	2 15	23 39	0 13	21 52	1 21	18 39	16 6	4 48	5 18	9 58	9 23	6 38
T 22	3 22	9 17	1 24	3 37	1 56	12 31	1 39	20 25	1 10	23 38	0 13	2 44	2 15	23 39	0 13	21 52	1 21	18 39	16 6	4 48	5 20	9 59	9 24	6 38
F 23	3 46	5 43	0 17	2 56	1 56	12 20	1 32	20 18	1 10	23 38	0 13	2 47	2 15	23 39	0 13	21 52	1 21	18 39	16 6	4 48	5 21	10 1	9 25	6 37
S 24	4 9	1 57	0s50	2 14	1 54	12 8	1 25	20 10	1 11	23 38	0 13	2 50	2 15	23 39	0 13	21 52	1 21	18 40	16 6	4 48	5 22	10 2	9 26	6 37
S 25	4 32	1n51	1 54	1 31	1 52	11 55	1 18	20 3	1 12	23 38	0 13	2 53	2 15	23 39	0 13	21 52	1 21	18 40	16 6	4 48	5 23	10 4	9 26	6 36
M26	4 56	5 32	2 52	0 47	1 50	11 43	1 11	19 55	1 13	23 38	0 13	2 56	2 15	23 40	0 13	21 52	1 21	18 40	16 6	4 49	5 25	10 6	9 27	6 36
T 27	5 19	9 0	3 42	0 2	1 47	11 29	1 5	19 47	1 14	23 38	0 13	2 58	2 15	23 40	0 13	21 51	1 21	18 41	16 6	4 51	5 26	10 7	9 28	6 36
W28	5 42	12 5	4 23	0s42	1 44	11 15	0 58	19 40	1 15	23 37	0 14	3 1	2 15	23 40	0 13	21 51	1 21	18 41	16 6	4 53	5 27	10 9	9 29	6 35
T 29	6 5	14 41	4 52	1 27	1 40	11 1	0 52	19 32	1 16	23 37	0 14	3 4	2 15	23 40	0 13	21 51	1 21	18 41	16 6	4 55	5 28	10 11	9 29	6 35
F 30	6s28	16n40	5s 9	2s12	1n35	10n46	0s45	19n24	1n17	23s37	0s14	3s 7	2n15	23s40	0s13	21n51	1s21	18s42	16s 5	4n56	5n30	10n12	9s30	6n34

Julian Day Number = 2294378.5, Delta T = 139.20 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'07, Lahiri = 17°51'07 Julian Calendar 1 Sept. 1569 == Greg. Calendar 11 Sept. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

OCTOBER 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 17 10	17♎23'49	20♊25	10♎58	1♍ 3	9♌ 9	5♑19	13♎15	26♐14	21°R16	20°R 0	17°R28	16♍ 3	7♉29	16°R59	S 1
S 2	1 21 6	18°23'24	2♋35	12°42	2° 3	9°43	5°26	13°22	26°15	21♊16	19♓59	17♍25	16° 0	7°36	16♒58	S 2
M 3	1 25 3	19°23'02	15° 0	14°25	3° 3	10°16	5°34	13°29	26°17	21°15	19°58	17°D24	15°57	7°43	16°57	M 3
T 4	1 28 59	20°22'42	27°42	16° 8	4° 4	10°50	5°42	13°37	26°19	21°15	19°57	17°24	15°54	7°49	16°56	T 4
W 5	1 32 56	21°22'24	10♌47	17°50	5° 6	11°23	5°50	13°44	26°21	21°14	19°56	17°25	15°50	7°56	16°55	W 5
T 6	1 36 52	22°22'08	24°18	19°32	6° 7	11°56	5°58	13°51	26°23	21°13	19°55	17°27	15°47	8° 3	16°55	T 6
F 7	1 40 49	23°21'54	8♍16	21°13	7° 9	12°29	6° 6	13°59	26°25	21°13	19°54	17°28	15°44	8°10	16°54	F 7
S 8	1 44 46	24°21'43	22°41	22°54	8°12	13° 1	6°14	14° 6	26°27	21°12	19°53	17°R28	15°41	8°16	16°53	S 8
S 9	1 48 42	25°21'34	7♎31	24°34	9°15	13°34	6°22	14°13	26°29	21°11	19°52	17°27	15°38	8°23	16°53	S 9
M10	1 52 39	26°21'27	22°38	26°14	10°18	14° 6	6°31	14°20	26°32	21°10	19°51	17°23	15°34	8°30	16°52	M10
T 11	1 56 35	27°21'22	7♏54	27°53	11°21	14°39	6°40	14°27	26°34	21° 9	19°51	17°18	15°31	8°36	16°52	T 11
W12	2 0 32	28°21'19	23° 8	29°32	12°25	15°11	6°48	14°35	26°36	21° 9	19°50	17°12	15°28	8°43	16°51	W12
T 13	2 4 28	29°21'17	8♐ 9	1♏10	13°29	15°43	6°57	14°42	26°38	21° 8	19°49	17° 6	15°25	8°50	16°51	T 13
F 14	2 8 25	0♏21'18	22°50	2°47	14°34	16°15	7° 7	14°49	26°41	21° 7	19°48	17° 0	15°22	8°56	16°51	F 14
S 15	2 12 21	1°21'20	7♑ 4	4°24	15°38	16°46	7°16	14°56	26°43	21° 6	19°47	16°56	15°19	9° 3	16°51	S 15
S 16	2 16 18	2°21'24	20°51	6° 1	16°43	17°18	7°25	15° 3	26°46	21° 5	19°46	16°53	15°15	9°10	16°51	S 16
M17	2 20 14	3°21'29	4♒10	7°37	17°49	17°49	7°35	15°10	26°48	21° 4	19°45	16°D52	15°12	9°17	16°D51	M17
T 18	2 24 11	4°21'36	17° 4	9°13	18°54	18°20	7°44	15°17	26°51	21° 3	19°45	16°53	15° 9	9°23	16°51	T 18
W19	2 28 8	5°21'45	29°39	10°48	20° 0	18°51	7°54	15°25	26°53	21° 2	19°44	16°54	15° 6	9°30	16°51	W19
T 20	2 32 4	6°21'55	11♓57	12°23	21° 6	19°22	8° 4	15°32	26°56	21° 1	19°43	16°R56	15° 3	9°37	16°51	T 20
F 21	2 36 1	7°22'06	24° 3	13°57	22°12	19°53	8°13	15°39	26°58	21° 0	19°42	16°55	14°59	9°43	16°51	F 21
S 22	2 39 57	8°22'19	6♈ 1	15°31	23°19	20°24	8°24	15°45	27° 1	20°58	19°41	16°53	14°56	9°50	16°51	S 22
S 23	2 43 54	9°22'34	17°55	17° 5	24°26	20°54	8°34	15°52	27° 4	20°57	19°41	16°49	14°53	9°57	16°52	S 23
M24	2 47 50	10°22'51	29°46	18°38	25°33	21°24	8°44	15°59	27° 6	20°56	19°40	16°42	14°50	10° 3	16°52	M24
T 25	2 51 47	11°23'09	11♉36	20°11	26°40	21°54	8°54	16° 6	27° 9	20°55	19°39	16°33	14°47	10°10	16°52	T 25
W26	2 55 43	12°23'29	23°29	21°44	27°48	22°24	9° 5	16°13	27°12	20°54	19°39	16°22	14°44	10°17	16°53	W26
T 27	2 59 40	13°23'51	5♊23	23°16	28°55	22°54	9°15	16°20	27°15	20°52	19°38	16°10	14°40	10°23	16°54	T 27
F 28	3 3 37	14°24'15	17°23	24°48	0♎ 3	23°23	9°26	16°27	27°18	20°51	19°37	15°59	14°37	10°30	16°54	F 28
S 29	3 7 33	15°24'40	29°28	26°20	1°11	23°52	9°37	16°33	27°20	20°50	19°37	15°49	14°34	10°37	16°55	S 29
S 30	3 11 30	16°25'07	11♋42	27°51	2°20	24°21	9°48	16°40	27°23	20°48	19°36	15°41	14°31	10°44	16°56	S 30
M31	3 15 26	17♏25'36	24♋ 7	29♏23	3♎28	24♌50	9♑59	16♎47	27♐26	20♊47	19♓36	15♍36	14♍28	10♉50	16♒57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s51	17n57	5s12	2s58	1n31	10n31	0s39	19n16	1n18	23s37	0s14	3s10	2n15	23s40	0s13	21n51	1s21	18s42	16s 5	4n58	5n31	10n14	9s31	6n34
S 2	7 13	18 26	5 2	3 43	1 26	10 16	0 33	19 8	1 19	23 37	0 14	3 13	2 15	23 40	0 13	21 51	1 21	18 42	16 5	4 59	5 32	10 15	9 32	6 34
M 3	7 36	18 3	4 37	4 28	1 20	9 59	0 27	19 0	1 20	23 36	0 14	3 15	2 15	23 40	0 13	21 51	1 21	18 42	16 5	4 59	5 33	10 17	9 32	6 33
T 4	7 59	16 46	3 59	5 12	1 15	9 43	0 21	18 52	1 21	23 36	0 14	3 18	2 15	23 40	0 13	21 51	1 21	18 43	16 5	4 59	5 35	10 19	9 33	6 33
W 5	8 21	14 34	3 7	5 57	1 9	9 26	0 15	18 43	1 22	23 36	0 14	3 21	2 16	23 40	0 13	21 51	1 21	18 43	16 5	4 59	5 36	10 20	9 34	6 32
T 6	8 44	11 31	2 3	6 41	1 3	9 9	0 9	18 35	1 23	23 36	0 14	3 24	2 16	23 40	0 13	21 51	1 21	18 43	16 4	4 58	5 37	10 22	9 34	6 32
F 7	9 6	7 43	0 50	7 25	0 57	8 51	0 4	18 27	1 24	23 35	0 14	3 26	2 16	23 40	0 13	21 51	1 21	18 43	16 4	4 58	5 38	10 24	9 35	6 31
S 8	9 28	3 21	0n28	8 8	0 51	8 33	0n 2	18 19	1 26	23 35	0 14	3 29	2 16	23 40	0 13	21 51	1 22	18 44	16 4	4 58	5 40	10 25	9 36	6 31
S 9	9 50	1s21	1 47	8 51	0 45	8 14	0 7	18 10	1 27	23 35	0 14	3 32	2 16	23 40	0 13	21 51	1 22	18 44	16 4	4 58	5 41	10 27	9 36	6 30
M10	10 12	6 3	2 59	9 33	0 38	7 55	0 13	18 2	1 28	23 34	0 14	3 35	2 16	23 40	0 13	21 50	1 22	18 44	16 4	5 0	5 42	10 28	9 37	6 30
T 11	10 33	10 23	4 0	10 15	0 32	7 36	0 18	17 53	1 29	23 34	0 14	3 37	2 16	23 40	0 13	21 50	1 22	18 44	16 3	5 2	5 43	10 30	9 37	6 30
W12	10 55	14 2	4 43	10 57	0 25	7 16	0 23	17 45	1 30	23 34	0 15	3 40	2 16	23 40	0 13	21 50	1 22	18 44	16 3	5 4	5 44	10 32	9 38	6 29
T 13	11 16	16 41	5 6	11 37	0 18	6 56	0 28	17 36	1 31	23 33	0 15	3 43	2 16	23 40	0 13	21 50	1 22	18 45	16 3	5 6	5 46	10 33	9 38	6 29
F 14	11 37	18 10	5 8	12 17	0 12	6 36	0 33	17 28	1 32	23 33	0 15	3 46	2 16	23 40	0 13	21 50	1 22	18 45	16 3	5 9	5 47	10 35	9 39	6 28
S 15	11 58	18 28	4 51	12 57	0 5	6 15	0 37	17 19	1 33	23 32	0 15	3 48	2 16	23 41	0 13	21 50	1 22	18 45	16 3	5 10	5 48	10 36	9 39	6 28
S 16	12 19	17 38	4 17	13 35	0s 2	5 54	0 42	17 11	1 34	23 32	0 15	3 51	2 16	23 41	0 13	21 50	1 22	18 45	16 2	5 11	5 49	10 38	9 40	6 27
M17	12 40	15 51	3 30	14 13	0 9	5 33	0 47	17 2	1 35	23 31	0 15	3 54	2 16	23 41	0 13	21 50	1 22	18 45	16 2	5 12	5 51	10 40	9 40	6 27
T 18	13 0	13 18	2 34	14 50	0 15	5 11	0 51	16 53	1 36	23 31	0 15	3 56	2 16	23 41	0 13	21 50	1 22	18 45	16 2	5 11	5 52	10 41	9 41	6 26
W19	13 20	10 11	1 32	15 27	0 22	4 49	0 55	16 45	1 37	23 30	0 15	3 59	2 16	23 41	0 13	21 50	1 22	18 45	16 2	5 11	5 53	10 43	9 41	6 26
T 20	13 40	6 41	0 27	16 2	0 29	4 27	0 59	16 36	1 39	23 30	0 15	4 2	2 17	23 41	0 13	21 50	1 22	18 45	16 1	5 10	5 54	10 44	9 41	6 25
F 21	14 0	2 57	0s38	16 37	0 35	4 4	1 3	16 28	1 40	23 29	0 15	4 4	2 17	23 41	0 13	21 49	1 22	18 45	16 1	5 11	5 56	10 46	9 42	6 25
S 22	14 20	0n51	1 41	17 11	0 42	3 41	1 7	16 19	1 41	23 29	0 15	4 7	2 17	23 41	0 13	21 49	1 22	18 45	16 1	5 11	5 57	10 48	9 42	6 25
S 23	14 39	4 36	2 39	17 44	0 48	3 18	1 11	16 10	1 42	23 28	0 15	4 9	2 17	23 41	0 13	21 49	1 22	18 45	16 1	5 13	5 58	10 49	9 42	6 24
M24	14 58	8 9	3 29	18 17	0 54	2 55	1 15	16 2	1 43	23 28	0 15	4 12	2 17	23 41	0 13	21 49	1 22	18 46	16 0	5 16	5 59	10 51	9 43	6 24
T 25	15 17	11 23	4 10	18 48	1 1	2 31	1 18	15 53	1 44	23 27	0 15	4 14	2 17	23 41	0 13	21 49	1 22	18 46	16 0	5 19	6 0	10 52	9 43	6 23
W26	15 35	14 9	4 41	19 19	1 7	2 8	1 22	15 44	1 45	23 26	0 15	4 17	2 17	23 41	0 13	21 49	1 22	18 46	16 0	5 24	6 2	10 54	9 43	6 23
T 27	15 54	16 21	4 59	19 48	1 13	1 44	1 25	15 36	1 47	23 26	0 16	4 19	2 17	23 41	0 13	21 49	1 22	18 46	15 59	5 28	6 3	10 56	9 44	6 22
F 28	16 12	17 51	5 4	20 17	1 19	1 20	1 28	15 27	1 48	23 25	0 16	4 22	2 17	23 41	0 13	21 49	1 22	18 46	15 59	5 32	6 4	10 57	9 44	6 22
S 29	16 30	18 34	4 56	20 44	1 24	0 55	1 31	15 18	1 49	23 24	0 16	4 24	2 17	23 41	0 13	21 49	1 22	18 46	15 59	5 36	6 5	10 59	9 44	6 21
S 30	16 47	18 26	4 34	21 11	1 30	0 31	1 34	15 10	1 50	23 24	0 16	4 27	2 18	23 41	0 13	21 49	1 22	18 46	15 59	5 39	6 7	11 0	9 44	6 21
M31	17s 4	17n25	3s59	21s37	1s35	0n 6	1n37	15n 1	1n51	23s23	0s16	4s29	2n18	23s41	0s13	21n48	1s22	18s45	15s58	5n41	6n 8	11n 2	9s44	6n20

Julian Day Number = 2294408.5, Delta T = 139.04 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'11, Lahiri = 17°51'11 Julian Calendar 1 Oct. 1569 == Greg. Calendar 11 Oct. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

NOVEMBER 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 19 23	18♏26'07	6♌47	0♐53	4♎37	25♌19	10♑10	16♎53	27♐29	20°R46	19°R35	15°R33	14♍25	10♉57	16♒58	T 1
W 2	3 23 19	19°26'40	19°45	2°24	5°46	25°47	10°21	17° 0	27°32	20♊44	19♓35	15°D33	14°21	11° 4	16°59	W 2
T 3	3 27 16	20°27'15	3♍ 5	3°54	6°55	26°15	10°32	17° 7	27°35	20°43	19°34	15♍33	14°18	11°10	17° 0	T 3
F 4	3 31 12	21°27'51	16°51	5°24	8° 4	26°43	10°43	17°13	27°38	20°42	19°34	15°R33	14°15	11°17	17° 1	F 4
S 5	3 35 9	22°28'29	1♎ 3	6°54	9°14	27°11	10°55	17°19	27°41	20°40	19°33	15°32	14°12	11°24	17° 2	S 5
S 6	3 39 6	23°29'09	15°42	8°23	10°24	27°39	11° 6	17°26	27°45	20°39	19°33	15°29	14° 9	11°30	17° 3	S 6
M 7	3 43 2	24°29'51	0♏42	9°52	11°33	28° 6	11°18	17°32	27°48	20°37	19°32	15°23	14° 5	11°37	17° 4	M 7
T 8	3 46 59	25°30'34	15°56	11°20	12°43	28°33	11°30	17°39	27°51	20°36	19°32	15°15	14° 2	11°44	17° 6	T 8
W 9	3 50 55	26°31'18	1♐14	12°48	13°53	29° 0	11°42	17°45	27°54	20°34	19°32	15° 4	13°59	11°51	17° 7	W 9
T 10	3 54 52	27°32'04	16°25	14°15	15° 4	29°27	11°53	17°51	27°57	20°33	19°31	14°53	13°56	11°57	17° 9	T 10
F 11	3 58 48	28°32'52	1♑17	15°42	16°14	29°53	12° 5	17°57	28° 1	20°31	19°31	14°43	13°53	12° 4	17°10	F 11
S 12	4 2 45	29°33'40	15°44	17° 8	17°24	0♍19	12°17	18° 3	28° 4	20°30	19°31	14°34	13°50	12°11	17°12	S 12
S 13	4 6 41	0♐34'29	29°40	18°34	18°35	0°45	12°30	18° 9	28° 7	20°28	19°30	14°28	13°46	12°17	17°14	S 13
M14	4 10 38	1°35'20	13♒ 7	19°58	19°46	1°10	12°42	18°15	28°10	20°26	19°30	14°25	13°43	12°24	17°15	M14
T 15	4 14 35	2°36'11	26° 5	21°22	20°57	1°35	12°54	18°21	28°14	20°25	19°30	14°24	13°40	12°31	17°17	T 15
W16	4 18 31	3°37'03	8♓40	22°44	22° 8	2° 0	13° 6	18°27	28°17	20°23	19°30	14°24	13°37	12°38	17°19	W16
T 17	4 22 28	4°37'56	20°56	24° 5	23°19	2°25	13°19	18°33	28°20	20°22	19°30	14°23	13°34	12°44	17°21	T 17
F 18	4 26 24	5°38'49	2♈58	25°24	24°30	2°49	13°31	18°39	28°24	20°20	19°29	14°22	13°31	12°51	17°23	F 18
S 19	4 30 21	6°39'44	14°52	26°41	25°41	3°13	13°44	18°45	28°27	20°18	19°29	14°19	13°27	12°58	17°25	S 19
S 20	4 34 17	7°40'39	26°42	27°57	26°53	3°37	13°57	18°50	28°31	20°17	19°29	14°12	13°24	13° 4	17°27	S 20
M21	4 38 14	8°41'36	8♉31	29° 9	28° 4	4° 1	14° 9	18°56	28°34	20°15	19°29	14° 3	13°21	13°11	17°29	M21
T 22	4 42 10	9°42'33	20°23	0♑20	29°16	4°24	14°22	19° 1	28°38	20°13	19°29	13°51	13°18	13°18	17°31	T 22
W23	4 46 7	10°43'31	2♊19	1°26	0♏28	4°47	14°35	19° 7	28°41	20°12	19°29	13°37	13°15	13°24	17°34	W23
T 24	4 50 4	11°44'30	14°21	2°29	1°40	5° 9	14°48	19°12	28°44	20°10	19°D29	13°22	13°11	13°31	17°36	T 24
F 25	4 54 0	12°45'30	26°30	3°28	2°52	5°31	15° 1	19°18	28°48	20° 8	19°29	13° 7	13° 8	13°38	17°38	F 25
S 26	4 57 57	13°46'30	8♋47	4°22	4° 4	5°53	15°14	19°23	28°52	20° 7	19°29	12°54	13° 5	13°45	17°41	S 26
S 27	5 1 53	14°47'32	21°12	5°10	5°16	6°14	15°27	19°28	28°55	20° 5	19°29	12°44	13° 2	13°51	17°43	S 27
M28	5 5 50	15°48'35	3♌47	5°51	6°28	6°36	15°40	19°33	28°59	20° 3	19°29	12°36	12°59	13°58	17°46	M28
T 29	5 9 46	16°49'38	16°33	6°25	7°40	6°56	15°53	19°38	29° 2	20° 1	19°29	12°31	12°56	14° 5	17°48	T 29
W30	5 13 43	17♐50'42	29♌34	6♑51	8♏53	7♍17	16♑ 6	19♎43	29♐ 6	20♊ 0	19♓29	12♍29	12♍52	14♉11	17♒51	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	15n32	3s11	22s 1	1s40	0s19	1n40	14n53	1n53	23s22	0s16	4s32	2n18	23s42	0s13	21n48	1s22	18s45	15s58	5n42	6n 9	11n 4	9s45	6n20
W 2	17 38	12 49	2 13	22 25	1 45	0 44	1 42	14 44	1 54	23 21	0 16	4 34	2 18	23 42	0 13	21 48	1 22	18 45	15 58	5 43	6 10	11 5	9 45	6 20
T 3	17 54	9 22	1 6	22 47	1 50	1 9	1 45	14 36	1 55	23 20	0 16	4 37	2 18	23 42	0 13	21 48	1 22	18 45	15 57	5 42	6 11	11 7	9 45	6 19
F 4	18 10	5 19	0n 7	23 8	1 55	1 34	1 47	14 27	1 56	23 20	0 16	4 39	2 18	23 42	0 13	21 48	1 22	18 45	15 57	5 42	6 13	11 8	9 45	6 19
S 5	18 26	0 49	1 22	23 28	1 59	1 59	1 49	14 19	1 58	23 19	0 16	4 41	2 18	23 42	0 13	21 48	1 22	18 45	15 57	5 43	6 14	11 10	9 45	6 18
S 6	18 41	3s50	2 33	23 47	2 3	2 25	1 52	14 11	1 59	23 18	0 16	4 44	2 18	23 42	0 13	21 48	1 22	18 45	15 56	5 44	6 15	11 11	9 45	6 18
M 7	18 56	8 23	3 35	24 4	2 7	2 50	1 54	14 2	2 0	23 17	0 16	4 46	2 19	23 42	0 13	21 48	1 22	18 45	15 56	5 46	6 16	11 13	9 45	6 17
T 8	19 11	12 26	4 24	24 20	2 10	3 16	1 55	13 54	2 2	23 16	0 16	4 48	2 19	23 42	0 13	21 47	1 22	18 45	15 56	5 50	6 18	11 15	9 45	6 17
W 9	19 25	15 40	4 53	24 35	2 14	3 41	1 57	13 46	2 3	23 15	0 16	4 50	2 19	23 42	0 13	21 47	1 22	18 45	15 56	5 54	6 19	11 16	9 45	6 16
T 10	19 39	17 48	5 2	24 49	2 16	4 7	1 59	13 38	2 4	23 14	0 17	4 53	2 19	23 42	0 13	21 47	1 22	18 44	15 55	5 58	6 20	11 18	9 45	6 16
F 11	19 53	18 40	4 49	25 1	2 19	4 33	2 0	13 30	2 6	23 13	0 17	4 55	2 19	23 42	0 13	21 47	1 22	18 44	15 55	6 2	6 21	11 19	9 45	6 16
S 12	20 6	18 17	4 19	25 12	2 21	4 58	2 2	13 22	2 7	23 12	0 17	4 57	2 19	23 42	0 13	21 47	1 22	18 44	15 55	6 5	6 23	11 21	9 45	6 15
S 13	20 19	16 47	3 33	25 22	2 23	5 24	2 3	13 14	2 8	23 11	0 17	4 59	2 20	23 42	0 13	21 47	1 22	18 44	15 54	6 8	6 24	11 22	9 45	6 15
M14	20 32	14 24	2 38	25 30	2 24	5 50	2 4	13 6	2 10	23 10	0 17	5 1	2 20	23 42	0 13	21 47	1 22	18 44	15 54	6 9	6 25	11 24	9 45	6 14
T 15	20 44	11 21	1 35	25 37	2 24	6 15	2 6	12 58	2 11	23 9	0 17	5 3	2 20	23 42	0 13	21 47	1 22	18 43	15 54	6 9	6 26	11 26	9 45	6 14
W16	20 55	7 52	0 30	25 42	2 25	6 41	2 7	12 51	2 13	23 8	0 17	5 5	2 20	23 42	0 13	21 47	1 22	18 43	15 53	6 9	6 27	11 27	9 45	6 13
T 17	21 7	4 8	0s35	25 46	2 24	7 6	2 7	12 43	2 14	23 6	0 17	5 8	2 20	23 42	0 13	21 46	1 22	18 43	15 53	6 9	6 29	11 29	9 44	6 13
F 18	21 18	0 18	1 37	25 48	2 23	7 32	2 8	12 36	2 15	23 5	0 17	5 10	2 20	23 42	0 13	21 46	1 22	18 43	15 53	6 10	6 30	11 30	9 44	6 13
S 19	21 28	3n30	2 34	25 49	2 22	7 57	2 9	12 28	2 17	23 4	0 17	5 12	2 21	23 42	0 13	21 46	1 22	18 42	15 52	6 11	6 31	11 32	9 44	6 12
S 20	21 38	7 9	3 24	25 48	2 20	8 22	2 9	12 21	2 18	23 3	0 17	5 13	2 21	23 43	0 13	21 46	1 22	18 42	15 52	6 14	6 32	11 33	9 44	6 12
M21	21 48	10 31	4 5	25 46	2 16	8 47	2 10	12 14	2 20	23 2	0 17	5 15	2 21	23 43	0 13	21 46	1 22	18 42	15 52	6 17	6 34	11 35	9 44	6 11
T 22	21 57	13 28	4 35	25 42	2 13	9 13	2 10	12 7	2 21	23 0	0 17	5 17	2 21	23 43	0 13	21 46	1 22	18 42	15 51	6 22	6 35	11 37	9 43	6 11
W23	22 6	15 52	4 54	25 37	2 8	9 37	2 10	12 0	2 23	22 59	0 17	5 19	2 21	23 43	0 13	21 46	1 22	18 41	15 51	6 27	6 36	11 38	9 43	6 11
T 24	22 15	17 37	4 59	25 30	2 2	10 2	2 10	11 53	2 24	22 58	0 18	5 21	2 21	23 43	0 13	21 46	1 22	18 41	15 51	6 33	6 37	11 40	9 43	6 10
F 25	22 23	18 36	4 51	25 22	1 56	10 27	2 11	11 46	2 26	22 56	0 18	5 23	2 22	23 43	0 13	21 45	1 22	18 41	15 50	6 39	6 38	11 41	9 42	6 10
S 26	22 30	18 43	4 30	25 13	1 48	10 51	2 10	11 39	2 27	22 55	0 18	5 25	2 22	23 43	0 13	21 45	1 22	18 40	15 50	6 44	6 40	11 43	9 42	6 9
S 27	22 37	17 56	3 55	25 3	1 39	11 15	2 10	11 33	2 29	22 53	0 18	5 27	2 22	23 43	0 13	21 45	1 22	18 40	15 49	6 48	6 41	11 44	9 42	6 9
M28	22 44	16 17	3 9	24 51	1 29	11 40	2 10	11 26	2 30	22 52	0 18	5 28	2 22	23 43	0 14	21 45	1 22	18 40	15 49	6 51	6 42	11 46	9 41	6 9
T 29	22 50	13 48	2 12	24 38	1 18	12 3	2 10	11 20	2 32	22 50	0 18	5 30	2 23	23 43	0 14	21 45	1 22	18 39	15 49	6 53	6 43	11 47	9 41	6 8
W30	22s56	10n36	1s 8	24s24	1s 5	12s27	2n 9	11n14	2n33	22s49	0s18	5s32	2n23	23s43	0s14	21n45	1s22	18s39	15s48	6n53	6n44	11n49	9s40	6n 8

Julian Day Number = 2294439.5, Delta T = 138.88 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'15, Lahiri = 17°51'16 Julian Calendar 1 Nov. 1569 == Greg. Calendar 11 Nov. 1569

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ASTRODIENST EPHEMERIS for the year 1569
geocentric

DECEMBER 1569 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 17 39	18♐51'48	12♍51	7♑ 8	10♏ 5	7♍37	16♑19	19♎48	29♐ 9	19°R58	19♓30	12°R29	12♍49	14♉18	17♒53	T 1
F 2	5 21 36	19°52'54	26°28	7°R15	11°18	7°56	16°33	19°53	29°13	19♊56	19°30	12♍29	12°46	14°25	17°56	F 2
S 3	5 25 33	20°54'01	10♎26	7°12	12°30	8°15	16°46	19°58	29°16	19°55	19°30	12°28	12°43	14°31	17°59	S 3
S 4	5 29 29	21°55'09	24°46	6°57	13°43	8°34	16°59	20° 2	29°20	19°53	19°30	12°25	12°40	14°38	18° 2	S 4
M 5	5 33 26	22°56'18	9♏26	6°30	14°56	8°53	17°13	20° 7	29°24	19°51	19°31	12°19	12°37	14°45	18° 5	M 5
T 6	5 37 22	23°57'27	24°22	5°52	16° 9	9°10	17°26	20°11	29°27	19°50	19°31	12°10	12°33	14°52	18° 8	T 6
W 7	5 41 19	24°58'38	9♐24	5° 3	17°22	9°28	17°40	20°16	29°31	19°48	19°31	11°59	12°30	14°58	18°11	W 7
T 8	5 45 15	25°59'48	24°24	4° 3	18°35	9°45	17°54	20°20	29°34	19°46	19°31	11°47	12°27	15° 5	18°14	T 8
F 9	5 49 12	27° 1'00	9♑12	2°54	19°48	10° 1	18° 7	20°24	29°38	19°44	19°32	11°36	12°24	15°12	18°17	F 9
S 10	5 53 9	28° 2'11	23°40	1°38	21° 1	10°18	18°21	20°29	29°42	19°43	19°32	11°27	12°21	15°18	18°20	S 10
S 11	5 57 5	29° 3'22	7♒41	0°18	22°14	10°33	18°35	20°33	29°45	19°41	19°33	11°20	12°17	15°25	18°23	S 11
M12	6 1 2	0♑ 4'34	21°13	28♐56	23°27	10°48	18°48	20°37	29°49	19°39	19°33	11°16	12°14	15°32	18°26	M12
T 13	6 4 58	1° 5'45	4♓18	27°35	24°40	11° 3	19° 2	20°41	29°52	19°38	19°33	11°14	12°11	15°39	18°29	T 13
W14	6 8 55	2° 6'57	16°58	26°17	25°54	11°17	19°16	20°45	29°56	19°36	19°34	11°D14	12° 8	15°45	18°33	W14
T 15	6 12 51	3° 8'08	29°17	25° 5	27° 7	11°31	19°30	20°48	29°59	19°34	19°34	11°R14	12° 5	15°52	18°36	T 15
F 16	6 16 48	4° 9'19	11♈22	24° 1	28°20	11°44	19°44	20°52	0♑ 3	19°33	19°35	11°14	12° 2	15°59	18°39	F 16
S 17	6 20 44	5°10'29	23°16	23° 5	29°34	11°56	19°57	20°56	0° 7	19°31	19°36	11°12	11°58	16° 5	18°43	S 17
S 18	6 24 41	6°11'40	5♉ 6	22°20	0♐47	12° 8	20°11	20°59	0°10	19°30	19°36	11° 8	11°55	16°12	18°46	S 18
M19	6 28 38	7°12'50	16°57	21°45	2° 1	12°19	20°25	21° 2	0°14	19°28	19°37	11° 1	11°52	16°19	18°49	M19
T 20	6 32 34	8°14'00	28°51	21°19	3°14	12°30	20°39	21° 6	0°18	19°26	19°37	10°52	11°49	16°26	18°53	T 20
W21	6 36 31	9°15'10	10♊52	21° 4	4°28	12°41	20°53	21° 9	0°21	19°25	19°38	10°41	11°46	16°32	18°57	W21
T 22	6 40 27	10°16'20	23° 2	20°D59	5°42	12°50	21° 7	21°12	0°25	19°23	19°39	10°29	11°43	16°39	19° 0	T 22
F 23	6 44 24	11°17'29	5♋23	21° 2	6°55	12°59	21°21	21°15	0°28	19°22	19°39	10°17	11°39	16°46	19° 4	F 23
S 24	6 48 20	12°18'38	17°54	21°14	8° 9	13° 8	21°35	21°18	0°32	19°20	19°40	10° 6	11°36	16°52	19° 7	S 24
S 25	6 52 17	13°19'47	0♌37	21°34	9°23	13°16	21°49	21°21	0°35	19°19	19°41	9°58	11°33	16°59	19°11	S 25
M26	6 56 13	14°20'55	13°30	22° 0	10°37	13°23	22° 3	21°24	0°39	19°17	19°41	9°52	11°30	17° 6	19°15	M26
T 27	7 0 10	15°22'04	26°34	22°32	11°50	13°29	22°17	21°26	0°42	19°16	19°42	9°49	11°27	17°13	19°18	T 27
W28	7 4 7	16°23'12	9♍50	23°11	13° 4	13°35	22°32	21°29	0°46	19°14	19°43	9°D48	11°23	17°19	19°22	W28
T 29	7 8 3	17°24'20	23°17	23°54	14°18	13°40	22°46	21°31	0°49	19°13	19°44	9°48	11°20	17°26	19°26	T 29
F 30	7 12 0	18°25'28	6♎58	24°42	15°32	13°45	23° 0	21°34	0°53	19°11	19°45	9°50	11°17	17°33	19°30	F 30
S 31	7 15 56	19♑26'35	20♎52	25♐34	16♐46	13♍49	23♑14	21♎36	0♑56	19♊10	19♓45	9°R50	11♍14	17♉39	19♒34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	6n47	0n 2	24s 9	0s51	12s50	2n 9	11n 8	2n35	22s47	0s18	5s33	2n23	23s43	0s14	21n45	1s22	18s39	15s48	6n53	6n46	11n51	9s40	6n 7
F 2	23 6	2 32	1 13	23 54	0 36	13 13	2 8	11 2	2 37	22 46	0 18	5 35	2 23	23 43	0 14	21 45	1 22	18 38	15 48	6 53	6 47	11 52	9 40	6 7
S 3	23 11	1s58	2 22	23 37	0 20	13 36	2 7	10 56	2 38	22 44	0 18	5 37	2 23	23 43	0 14	21 44	1 22	18 38	15 47	6 54	6 48	11 54	9 39	6 7
S 4	23 15	6 27	3 24	23 20	0 2	13 59	2 6	10 51	2 40	22 43	0 18	5 38	2 24	23 43	0 14	21 44	1 22	18 37	15 47	6 55	6 49	11 55	9 39	6 6
M 5	23 18	10 40	4 13	23 3	0n17	14 21	2 5	10 45	2 42	22 41	0 18	5 40	2 24	23 43	0 14	21 44	1 22	18 37	15 47	6 57	6 51	11 57	9 38	6 6
T 6	23 21	14 16	4 47	22 46	0 36	14 43	2 4	10 40	2 43	22 39	0 18	5 41	2 24	23 43	0 14	21 44	1 22	18 37	15 46	7 1	6 52	11 58	9 38	6 6
W 7	23 24	16 57	5 1	22 28	0 56	15 5	2 3	10 35	2 45	22 38	0 19	5 43	2 24	23 43	0 14	21 44	1 22	18 36	15 46	7 5	6 53	12 0	9 37	6 5
T 8	23 26	18 29	4 54	22 10	1 16	15 26	2 2	10 30	2 47	22 36	0 19	5 44	2 24	23 43	0 14	21 44	1 22	18 36	15 46	7 9	6 54	12 1	9 36	6 5
F 9	23 28	18 44	4 27	21 52	1 36	15 47	2 1	10 25	2 48	22 34	0 19	5 45	2 25	23 43	0 14	21 44	1 22	18 35	15 45	7 14	6 55	12 3	9 36	6 5
S 10	23 29	17 44	3 44	21 35	1 54	16 8	2 0	10 21	2 50	22 33	0 19	5 47	2 25	23 43	0 14	21 44	1 22	18 35	15 45	7 17	6 57	12 4	9 35	6 4
S 11	23 29	15 41	2 48	21 18	2 12	16 28	1 58	10 16	2 52	22 31	0 19	5 48	2 25	23 43	0 14	21 44	1 22	18 34	15 45	7 20	6 58	12 6	9 35	6 4
M12	23 30	12 49	1 44	21 2	2 27	16 48	1 57	10 12	2 54	22 29	0 19	5 49	2 25	23 43	0 14	21 43	1 22	18 34	15 44	7 22	6 59	12 7	9 34	6 4
T 13	23 29	9 23	0 37	20 47	2 41	17 7	1 55	10 8	2 55	22 27	0 19	5 51	2 26	23 43	0 14	21 43	1 22	18 33	15 44	7 22	7 0	12 9	9 33	6 3
W14	23 29	5 38	0s30	20 35	2 52	17 26	1 54	10 5	2 57	22 25	0 19	5 52	2 26	23 43	0 14	21 43	1 22	18 33	15 44	7 22	7 2	12 10	9 33	6 3
T 15	23 27	1 44	1 35	20 24	3 1	17 45	1 52	10 1	2 59	22 23	0 19	5 53	2 26	23 43	0 14	21 43	1 22	18 32	15 43	7 22	7 3	12 12	9 32	6 3
F 16	23 26	2n 9	2 33	20 15	3 7	18 3	1 50	9 58	3 1	22 21	0 19	5 54	2 26	23 43	0 14	21 43	1 22	18 32	15 43	7 22	7 4	12 14	9 31	6 2
S 17	23 23	5 54	3 24	20 8	3 11	18 20	1 48	9 55	3 3	22 19	0 19	5 55	2 27	23 43	0 14	21 43	1 22	18 31	15 43	7 23	7 5	12 15	9 30	6 2
S 18	23 21	9 23	4 6	20 4	3 12	18 38	1 46	9 52	3 4	22 17	0 19	5 56	2 27	23 43	0 14	21 43	1 22	18 31	15 42	7 24	7 6	12 17	9 30	6 2
M19	23 18	12 30	4 37	20 3	3 12	18 54	1 44	9 49	3 6	22 15	0 19	5 57	2 27	23 43	0 14	21 43	1 22	18 30	15 42	7 27	7 8	12 18	9 29	6 2
T 20	23 14	15 7	4 57	20 3	3 10	19 11	1 42	9 47	3 8	22 13	0 20	5 58	2 27	23 43	0 14	21 43	1 22	18 30	15 42	7 31	7 9	12 20	9 28	6 1
W21	23 10	17 7	5 3	20 6	3 6	19 26	1 40	9 44	3 10	22 11	0 20	5 59	2 28	23 43	0 14	21 42	1 22	18 29	15 41	7 35	7 10	12 21	9 27	6 1
T 22	23 6	18 23	4 56	20 10	3 1	19 42	1 38	9 42	3 12	22 9	0 20	6 0	2 28	23 43	0 14	21 42	1 22	18 29	15 41	7 39	7 11	12 23	9 26	6 1
F 23	23 1	18 48	4 35	20 17	2 55	19 56	1 36	9 41	3 14	22 7	0 20	6 1	2 28	23 43	0 14	21 42	1 22	18 28	15 41	7 44	7 12	12 24	9 26	6 0
S 24	22 55	18 19	4 1	20 24	2 48	20 10	1 34	9 39	3 16	22 5	0 20	6 2	2 28	23 43	0 14	21 42	1 22	18 28	15 40	7 48	7 14	12 26	9 25	6 0
S 25	22 49	16 55	3 14	20 33	2 41	20 24	1 31	9 38	3 17	22 3	0 20	6 3	2 29	23 43	0 14	21 42	1 22	18 27	15 40	7 51	7 15	12 27	9 24	6 0
M26	22 43	14 38	2 16	20 43	2 33	20 37	1 29	9 37	3 19	22 1	0 20	6 4	2 29	23 43	0 14	21 42	1 22	18 26	15 40	7 53	7 16	12 29	9 23	6 0
T 27	22 36	11 35	1 10	20 53	2 24	20 50	1 27	9 36	3 21	21 59	0 20	6 4	2 29	23 43	0 14	21 42	1 22	18 26	15 40	7 54	7 17	12 30	9 22	5 59
W28	22 29	7 54	0n 0	21 4	2 15	21 1	1 24	9 35	3 23	21 56	0 20	6 5	2 29	23 43	0 14	21 42	1 22	18 25	15 39	7 55	7 18	12 32	9 21	5 59
T 29	22 21	3 46	1 12	21 15	2 6	21 13	1 22	9 35	3 25	21 54	0 20	6 6	2 30	23 43	0 14	21 42	1 22	18 25	15 39	7 55	7 20	12 33	9 20	5 59
F 30	22 13	0s37	2 21	21 27	1 56	21 24	1 19	9 35	3 27	21 52	0 20	6 6	2 30	23 43	0 14	21 42	1 22	18 24	15 39	7 54	7 21	12 35	9 19	5 59
S 31	22s 5	5s 2	3n23	21s38	1n47	21s34	1n17	9n36	3n29	21s50	0s21	6s 7	2n30	23s43	0s14	21n42	1s22	18s23	15s38	7n54	7n22	12n36	9s18	5n58

Julian Day Number = 2294469.5, Delta T = 138.72 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'19, Lahiri = 17°51'20 Julian Calendar 1 Dec. 1569 == Greg. Calendar 11 Dec. 1569

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

JANUARY 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 19 53	20♑27'43	5♏ 0	26♐29	18♐ 0	13♍52	23♑28	21♎38	1♑ 0	19°R 8	19♓46	9°R49	11♍11	17♉46	19♒38	S 1
M 2	7 23 49	21°28'50	19°20	27°28	19°14	13°54	23°42	21°40	1° 3	19♊ 7	19°47	9♍46	11° 8	17°53	19°42	M 2
T 3	7 27 46	22°29'57	3♐50	28°30	20°28	13°56	23°56	21°42	1° 7	19° 6	19°48	9°41	11° 4	18° 0	19°45	T 3
W 4	7 31 42	23°31'03	18°25	29°35	21°42	13°57	24°11	21°44	1°10	19° 4	19°49	9°34	11° 1	18° 6	19°49	W 4
T 5	7 35 39	24°32'10	2♑59	0♑42	22°56	13°R57	24°25	21°45	1°14	19° 3	19°50	9°26	10°58	18°13	19°53	T 5
F 6	7 39 36	25°33'15	17°25	1°51	24°10	13°56	24°39	21°47	1°17	19° 2	19°51	9°19	10°55	18°20	19°57	F 6
S 7	7 43 32	26°34'20	1♒36	3° 2	25°24	13°55	24°53	21°49	1°20	19° 0	19°52	9°13	10°52	18°26	20° 1	S 7
S 8	7 47 29	27°35'24	15°28	4°15	26°38	13°53	25° 7	21°50	1°24	18°59	19°53	9° 8	10°49	18°33	20° 6	S 8
M 9	7 51 25	28°36'27	28°56	5°30	27°52	13°50	25°21	21°51	1°27	18°58	19°54	9° 6	10°45	18°40	20°10	M 9
T 10	7 55 22	29°37'29	12♓ 1	6°46	29° 7	13°46	25°36	21°53	1°30	18°57	19°55	9°D 6	10°42	18°46	20°14	T 10
W11	7 59 18	0♒38'30	24°44	8° 4	0♑21	13°42	25°50	21°54	1°34	18°55	19°56	9° 7	10°39	18°53	20°18	W11
T 12	8 3 15	1°39'29	7♈ 7	9°23	1°35	13°36	26° 4	21°55	1°37	18°54	19°57	9° 8	10°36	19° 0	20°22	T 12
F 13	8 7 11	2°40'28	19°16	10°44	2°49	13°30	26°18	21°56	1°40	18°53	19°58	9°10	10°33	19° 7	20°26	F 13
S 14	8 11 8	3°41'25	1♉13	12° 5	4° 3	13°23	26°32	21°56	1°43	18°52	19°59	9°R11	10°29	19°13	20°30	S 14
S 15	8 15 5	4°42'21	13° 5	13°28	5°18	13°16	26°46	21°57	1°46	18°51	20° 1	9°10	10°26	19°20	20°34	S 15
M16	8 19 1	5°43'16	24°57	14°51	6°32	13° 7	27° 0	21°58	1°50	18°50	20° 2	9° 8	10°23	19°27	20°39	M16
T 17	8 22 58	6°44'09	6♊53	16°16	7°46	12°58	27°14	21°58	1°53	18°49	20° 3	9° 5	10°20	19°33	20°43	T 17
W18	8 26 54	7°45'02	18°57	17°41	9° 0	12°48	27°29	21°58	1°56	18°48	20° 4	9° 0	10°17	19°40	20°47	W18
T 19	8 30 51	8°45'52	1♋13	19° 8	10°14	12°37	27°43	21°59	1°59	18°47	20° 5	8°55	10°14	19°47	20°51	T 19
F 20	8 34 47	9°46'42	13°43	20°35	11°29	12°26	27°57	21°59	2° 2	18°46	20° 6	8°50	10°10	19°54	20°55	F 20
S 21	8 38 44	10°47'30	26°28	22° 4	12°43	12°13	28°11	21°R59	2° 5	18°45	20° 8	8°45	10° 7	20° 0	21° 0	S 21
S 22	8 42 40	11°48'16	9♌29	23°33	13°57	12° 0	28°25	21°59	2° 8	18°44	20° 9	8°41	10° 4	20° 7	21° 4	S 22
M23	8 46 37	12°49'02	22°44	25° 3	15°12	11°47	28°39	21°59	2°11	18°43	20°10	8°39	10° 1	20°14	21° 8	M23
T 24	8 50 34	13°49'46	6♍13	26°34	16°26	11°32	28°53	21°58	2°14	18°42	20°11	8°D38	9°58	20°20	21°12	T 24
W25	8 54 30	14°50'29	19°54	28° 5	17°40	11°17	29° 6	21°58	2°17	18°42	20°13	8°38	9°54	20°27	21°17	W25
T 26	8 58 27	15°51'10	3♎45	29°38	18°54	11° 1	29°20	21°57	2°20	18°41	20°14	8°40	9°51	20°34	21°21	T 26
F 27	9 2 23	16°51'51	17°44	1♒11	20° 9	10°44	29°34	21°57	2°22	18°40	20°15	8°41	9°48	20°41	21°25	F 27
S 28	9 6 20	17°52'30	1♏48	2°46	21°23	10°27	29°48	21°56	2°25	18°39	20°17	8°42	9°45	20°47	21°30	S 28
S 29	9 10 16	18°53'08	15°58	4°21	22°37	10° 9	0♒ 2	21°55	2°28	18°39	20°18	8°R43	9°42	20°54	21°34	S 29
M30	9 14 13	19°53'46	0♐ 9	5°57	23°52	9°50	0°16	21°54	2°31	18°38	20°19	8°43	9°39	21° 1	21°38	M30
T 31	9 18 9	20♒54'22	14♐21	7♒34	25♑ 6	9♍31	0♒29	21♎53	2♑33	18♊37	20♓21	8♍42	9♍35	21♉ 8	21♒42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s56	9s14	4n13	21s49	1n37	21s43	1n14	9n36	3n31	21s47	0s21	6s 7	2n31	23s43	0s14	21n41	1s22	18s23	15s38	7n54	7n23	12n38	9s17	5n58
M 2	21 46	12 58	4 49	22 0	1 28	21 52	1 11	9 37	3 33	21 45	0 21	6 8	2 31	23 43	0 14	21 41	1 22	18 22	15 38	7 55	7 25	12 39	9 16	5 58
T 3	21 37	15 57	5 6	22 11	1 18	22 0	1 9	9 38	3 35	21 42	0 21	6 8	2 31	23 43	0 14	21 41	1 22	18 22	15 37	7 57	7 26	12 41	9 15	5 58
W 4	21 26	17 56	5 4	22 21	1 9	22 8	1 6	9 40	3 37	21 40	0 21	6 9	2 31	23 43	0 14	21 41	1 22	18 21	15 37	8 0	7 27	12 42	9 14	5 58
T 5	21 16	18 45	4 42	22 30	0 59	22 15	1 3	9 41	3 39	21 38	0 21	6 9	2 32	23 43	0 14	21 41	1 22	18 20	15 37	8 3	7 28	12 44	9 13	5 57
F 6	21 5	18 20	4 3	22 39	0 50	22 21	1 1	9 43	3 41	21 35	0 21	6 10	2 32	23 43	0 14	21 41	1 21	18 20	15 37	8 6	7 29	12 45	9 12	5 57
S 7	20 53	16 47	3 9	22 47	0 41	22 27	0 58	9 46	3 42	21 33	0 21	6 10	2 32	23 43	0 14	21 41	1 21	18 19	15 36	8 8	7 31	12 47	9 11	5 57
S 8	20 41	14 15	2 5	22 54	0 32	22 32	0 55	9 48	3 44	21 30	0 21	6 10	2 32	23 43	0 14	21 41	1 21	18 18	15 36	8 10	7 32	12 48	9 10	5 57
M 9	20 29	11 1	0 55	23 0	0 23	22 36	0 52	9 51	3 46	21 28	0 21	6 10	2 33	23 43	0 14	21 41	1 21	18 18	15 36	8 11	7 33	12 50	9 9	5 57
T 10	20 16	7 19	0s16	23 5	0 14	22 40	0 49	9 54	3 48	21 25	0 21	6 11	2 33	23 43	0 14	21 41	1 21	18 17	15 36	8 11	7 34	12 51	9 8	5 56
W11	20 3	3 23	1 24	23 9	0 6	22 43	0 47	9 58	3 50	21 23	0 22	6 11	2 33	23 43	0 14	21 41	1 21	18 16	15 35	8 10	7 35	12 53	9 7	5 56
T 12	19 50	0n35	2 27	23 12	0s 3	22 45	0 44	10 1	3 52	21 20	0 22	6 11	2 34	23 43	0 14	21 41	1 21	18 16	15 35	8 10	7 37	12 54	9 6	5 56
F 13	19 36	4 27	3 21	23 14	0 11	22 47	0 41	10 5	3 54	21 18	0 22	6 11	2 34	23 43	0 14	21 41	1 21	18 15	15 35	8 9	7 38	12 56	9 5	5 56
S 14	19 22	8 4	4 6	23 15	0 19	22 48	0 38	10 10	3 55	21 15	0 22	6 11	2 34	23 43	0 14	21 41	1 21	18 14	15 35	8 9	7 39	12 57	9 3	5 56
S 15	19 8	11 21	4 40	23 15	0 26	22 48	0 35	10 14	3 57	21 12	0 22	6 11	2 34	23 43	0 14	21 41	1 21	18 14	15 34	8 9	7 40	12 59	9 2	5 56
M16	18 53	14 9	5 3	23 13	0 34	22 48	0 32	10 19	3 59	21 10	0 22	6 11	2 35	23 43	0 14	21 41	1 21	18 13	15 34	8 10	7 41	13 0	9 1	5 56
T 17	18 38	16 23	5 12	23 11	0 41	22 47	0 29	10 24	4 0	21 7	0 22	6 11	2 35	23 43	0 14	21 40	1 21	18 12	15 34	8 11	7 43	13 1	9 0	5 55
W18	18 22	17 56	5 7	23 7	0 48	22 45	0 26	10 30	4 2	21 5	0 22	6 11	2 35	23 43	0 14	21 40	1 21	18 12	15 34	8 13	7 44	13 3	8 59	5 55
T 19	18 7	18 40	4 49	23 2	0 55	22 42	0 23	10 35	4 4	21 2	0 22	6 11	2 35	23 43	0 14	21 40	1 21	18 11	15 33	8 15	7 45	13 4	8 58	5 55
F 20	17 50	18 32	4 17	22 55	1 1	22 39	0 21	10 41	4 5	20 59	0 22	6 10	2 36	23 43	0 14	21 40	1 21	18 10	15 33	8 17	7 46	13 6	8 56	5 55
S 21	17 34	17 27	3 31	22 48	1 8	22 35	0 18	10 47	4 7	20 56	0 23	6 10	2 36	23 43	0 14	21 40	1 21	18 10	15 33	8 18	7 47	13 7	8 55	5 55
S 22	17 17	15 27	2 33	22 39	1 14	22 31	0 15	10 54	4 8	20 54	0 23	6 10	2 36	23 43	0 14	21 40	1 21	18 9	15 33	8 20	7 49	13 9	8 54	5 55
M23	17 0	12 36	1 26	22 28	1 19	22 26	0 12	11 0	4 10	20 51	0 23	6 10	2 37	23 43	0 14	21 40	1 21	18 8	15 33	8 21	7 50	13 10	8 53	5 55
T 24	16 43	9 3	0 13	22 16	1 25	22 20	0 9	11 7	4 11	20 48	0 23	6 9	2 37	23 43	0 14	21 40	1 21	18 8	15 32	8 21	7 51	13 12	8 51	5 55
W25	16 25	4 57	1n 2	22 3	1 30	22 13	0 6	11 14	4 12	20 45	0 23	6 9	2 37	23 43	0 14	21 40	1 21	18 7	15 32	8 21	7 52	13 13	8 50	5 55
T 26	16 7	0 33	2 14	21 49	1 35	22 6	0 3	11 21	4 13	20 43	0 23	6 8	2 37	23 43	0 14	21 40	1 21	18 6	15 32	8 20	7 53	13 15	8 49	5 55
F 27	15 49	3s54	3 19	21 33	1 39	21 58	0 1	11 29	4 15	20 40	0 23	6 8	2 38	23 42	0 14	21 40	1 21	18 6	15 32	8 20	7 55	13 16	8 48	5 54
S 28	15 31	8 11	4 12	21 16	1 43	21 50	0s 2	11 37	4 16	20 37	0 23	6 7	2 38	23 42	0 14	21 40	1 21	18 5	15 32	8 19	7 56	13 18	8 46	5 54
S 29	15 12	12 0	4 51	20 57	1 47	21 40	0 5	11 44	4 17	20 34	0 23	6 7	2 38	23 42	0 14	21 40	1 20	18 4	15 32	8 19	7 57	13 19	8 45	5 54
M30	14 53	15 9	5 12	20 37	1 51	21 30	0 8	11 52	4 18	20 31	0 24	6 6	2 38	23 42	0 14	21 40	1 20	18 4	15 31	8 19	7 58	13 21	8 44	5 54
T 31	14s34	17s23	5n14	20s16	1s54	21s20	0s11	12n 0	4n19	20s29	0s24	6s 6	2n39	23s42	0s14	21n40	1s20	18s 3	15s31	8n20	7n59	13n22	8s42	5n54

Julian Day Number = 2294500.5, Delta T = 138.55 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'23, Lahiri = 17°51'24 Julian Calendar 1 Jan. 1570 == Greg. Calendar 11 Jan. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

FEBRUARY 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 22 6	21♒54'56	28♐31	9♒11	26♑21	9°R11	0♒43	21°R52	2♑36	18°R37	20♓22	8°R40	9♍32	21♉14	21♒47	W 1
T 2	9 26 3	22°55'30	12♑35	10°50	27°35	8♍51	0°57	21♎51	2°39	18♊36	20°23	8♍38	9°29	21°21	21°51	T 2
F 3	9 29 59	23°56'02	26°31	12°29	28°49	8°30	1°11	21°50	2°41	18°36	20°25	8°35	9°26	21°28	21°55	F 3
S 4	9 33 56	24°56'33	10♒15	14°10	0♒ 4	8° 8	1°24	21°48	2°44	18°35	20°26	8°34	9°23	21°34	22° 0	S 4
S 5	9 37 52	25°57'02	23°44	15°51	1°18	7°47	1°38	21°47	2°46	18°35	20°28	8°33	9°20	21°41	22° 4	S 5
M 6	9 41 49	26°57'29	6♓56	17°34	2°32	7°24	1°51	21°45	2°49	18°34	20°29	8°D32	9°16	21°48	22° 8	M 6
T 7	9 45 45	27°57'54	19°51	19°17	3°47	7° 2	2° 5	21°44	2°51	18°34	20°30	8°32	9°13	21°55	22°12	T 7
W 8	9 49 42	28°58'18	2♈29	21° 1	5° 1	6°39	2°18	21°42	2°54	18°34	20°32	8°33	9°10	22° 1	22°17	W 8
T 9	9 53 38	29°58'40	14°51	22°46	6°16	6°16	2°32	21°40	2°56	18°33	20°33	8°34	9° 7	22° 8	22°21	T 9
F 10	9 57 35	0♓59'00	27° 0	24°32	7°30	5°53	2°45	21°38	2°58	18°33	20°35	8°35	9° 4	22°15	22°25	F 10
S 11	10 1 32	1°59'18	8♉59	26°20	8°44	5°29	2°58	21°36	3° 1	18°33	20°36	8°36	9° 0	22°21	22°30	S 11
S 12	10 5 28	2°59'34	20°53	28° 8	9°59	5° 5	3°12	21°34	3° 3	18°32	20°38	8°36	8°57	22°28	22°34	S 12
M13	10 9 25	3°59'48	2♊45	29°57	11°13	4°42	3°25	21°31	3° 5	18°32	20°39	8°R36	8°54	22°35	22°38	M13
T 14	10 13 21	5° 0'00	14°41	1♓47	12°27	4°18	3°38	21°29	3° 7	18°32	20°41	8°36	8°51	22°42	22°42	T 14
W15	10 17 18	6° 0'10	26°45	3°38	13°42	3°54	3°51	21°26	3° 9	18°32	20°42	8°36	8°48	22°48	22°46	W15
T 16	10 21 14	7° 0'18	9♋ 2	5°31	14°56	3°30	4° 4	21°24	3°11	18°32	20°44	8°36	8°45	22°55	22°51	T 16
F 17	10 25 11	8° 0'23	21°35	7°24	16°10	3° 7	4°17	21°21	3°13	18°32	20°45	8°36	8°41	23° 2	22°55	F 17
S 18	10 29 7	9° 0'27	4♌27	9°18	17°25	2°43	4°30	21°19	3°15	18°D32	20°47	8°D36	8°38	23° 8	22°59	S 18
S 19	10 33 4	10° 0'28	17°40	11°13	18°39	2°20	4°43	21°16	3°17	18°32	20°48	8°36	8°35	23°15	23° 3	S 19
M20	10 37 0	11° 0'28	1♍13	13° 9	19°53	1°57	4°56	21°13	3°19	18°32	20°50	8°36	8°32	23°22	23° 7	M20
T 21	10 40 57	12° 0'25	15° 6	15° 5	21° 8	1°34	5° 8	21°10	3°21	18°32	20°51	8°R36	8°29	23°29	23°11	T 21
W22	10 44 54	13° 0'21	29°14	17° 2	22°22	1°11	5°21	21° 7	3°23	18°32	20°53	8°36	8°26	23°35	23°15	W22
T 23	10 48 50	14° 0'14	13♎35	19° 0	23°36	0°49	5°34	21° 4	3°25	18°32	20°54	8°35	8°22	23°42	23°19	T 23
F 24	10 52 47	15° 0'06	28° 2	20°58	24°51	0°27	5°46	21° 0	3°26	18°32	20°56	8°34	8°19	23°49	23°24	F 24
S 25	10 56 43	15°59'56	12♏30	22°56	26° 5	0° 6	5°59	20°57	3°28	18°33	20°57	8°34	8°16	23°55	23°28	S 25
S 26	11 0 40	16°59'45	26°54	24°54	27°19	29♌45	6°11	20°54	3°30	18°33	20°59	8°33	8°13	24° 2	23°32	S 26
M27	11 4 36	17°59'31	11♐11	26°52	28°34	29°25	6°24	20°50	3°31	18°33	21° 0	8°33	8°10	24° 9	23°36	M27
T 28	11 8 33	18♓59'17	25♐18	28♓50	29♒48	29♌ 5	6♒36	20♎47	3♑33	18♊34	21♓ 2	8°D33	8♍ 6	24♉16	23♒40	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s14	18s32	4n57	19s53	1s57	21s 9	0s13	12n 9	4n19	20s26	0s24	6s 5	2n39	23s42	0s14	21n40	1s20	18s 2	15s31	8n20	8n 1	13n23	8s41	5n54
T 2	13 54	18 33	4 22	19 28	2 0	20 57	0 16	12 17	4 20	20 23	0 24	6 4	2 39	23 42	0 14	21 40	1 20	18 2	15 31	8 21	8 2	13 25	8 40	5 54
F 3	13 34	17 26	3 32	19 2	2 2	20 45	0 19	12 25	4 21	20 20	0 24	6 4	2 39	23 42	0 14	21 40	1 20	18 1	15 31	8 22	8 3	13 26	8 38	5 54
S 4	13 14	15 18	2 30	18 35	2 3	20 32	0 21	12 34	4 21	20 17	0 24	6 3	2 40	23 42	0 14	21 40	1 20	18 0	15 31	8 23	8 4	13 28	8 37	5 54
S 5	12 54	12 22	1 21	18 6	2 5	20 18	0 24	12 43	4 21	20 14	0 24	6 2	2 40	23 42	0 14	21 40	1 20	18 0	15 31	8 23	8 5	13 29	8 36	5 54
M 6	12 33	8 51	0 9	17 36	2 6	20 4	0 26	12 51	4 22	20 11	0 24	6 1	2 40	23 42	0 14	21 40	1 20	17 59	15 30	8 23	8 7	13 31	8 34	5 54
T 7	12 12	4 59	1s 2	17 4	2 6	19 49	0 29	13 0	4 22	20 8	0 25	6 0	2 40	23 42	0 14	21 40	1 20	17 58	15 30	8 23	8 8	13 32	8 33	5 54
W 8	11 51	0 59	2 9	16 31	2 7	19 34	0 31	13 9	4 22	20 5	0 25	5 59	2 41	23 42	0 14	21 40	1 20	17 57	15 30	8 23	8 9	13 34	8 32	5 54
T 9	11 30	2n59	3 8	15 57	2 6	19 18	0 34	13 17	4 22	20 3	0 25	5 58	2 41	23 42	0 14	21 40	1 20	17 57	15 30	8 23	8 10	13 35	8 30	5 54
F 10	11 9	6 44	3 58	15 21	2 6	19 1	0 36	13 26	4 22	20 0	0 25	5 58	2 41	23 42	0 14	21 40	1 20	17 56	15 30	8 22	8 11	13 36	8 29	5 54
S 11	10 47	10 10	4 36	14 43	2 4	18 44	0 39	13 34	4 22	19 57	0 25	5 57	2 41	23 42	0 14	21 40	1 20	17 55	15 30	8 22	8 13	13 38	8 28	5 54
S 12	10 26	13 9	5 2	14 4	2 3	18 27	0 41	13 43	4 21	19 54	0 25	5 55	2 42	23 42	0 14	21 40	1 20	17 55	15 30	8 22	8 14	13 39	8 26	5 54
M13	10 4	15 36	5 16	13 24	2 1	18 9	0 43	13 51	4 21	19 51	0 25	5 54	2 42	23 42	0 15	21 40	1 20	17 54	15 30	8 22	8 15	13 41	8 25	5 54
T 14	9 42	17 23	5 15	12 42	1 58	17 50	0 46	14 0	4 20	19 48	0 25	5 53	2 42	23 42	0 15	21 40	1 20	17 53	15 30	8 22	8 16	13 42	8 24	5 54
W15	9 20	18 26	5 2	11 59	1 55	17 31	0 48	14 8	4 20	19 45	0 26	5 52	2 42	23 42	0 15	21 40	1 20	17 53	15 30	8 22	8 17	13 44	8 22	5 54
T 16	8 58	18 38	4 34	11 14	1 51	17 11	0 50	14 16	4 19	19 42	0 26	5 51	2 43	23 42	0 15	21 41	1 20	17 52	15 29	8 22	8 19	13 45	8 21	5 54
F 17	8 35	17 56	3 52	10 28	1 47	16 51	0 52	14 24	4 18	19 39	0 26	5 50	2 43	23 42	0 15	21 41	1 20	17 51	15 29	8 22	8 20	13 46	8 19	5 54
S 18	8 13	16 18	2 58	9 41	1 42	16 30	0 54	14 31	4 17	19 36	0 26	5 49	2 43	23 42	0 15	21 41	1 19	17 51	15 29	8 22	8 21	13 48	8 18	5 54
S 19	7 50	13 46	1 54	8 52	1 37	16 9	0 56	14 39	4 16	19 33	0 26	5 47	2 43	23 42	0 15	21 41	1 19	17 50	15 29	8 22	8 22	13 49	8 17	5 54
M20	7 27	10 26	0 41	8 2	1 31	15 48	0 58	14 46	4 15	19 30	0 26	5 46	2 43	23 42	0 15	21 41	1 19	17 50	15 29	8 22	8 23	13 51	8 15	5 54
T 21	7 4	6 26	0n36	7 11	1 24	15 26	1 0	14 53	4 14	19 27	0 26	5 45	2 44	23 42	0 15	21 41	1 19	17 49	15 29	8 22	8 25	13 52	8 14	5 54
W22	6 41	2 1	1 52	6 19	1 17	15 4	1 2	15 0	4 13	19 24	0 26	5 43	2 44	23 42	0 15	21 41	1 19	17 48	15 29	8 22	8 26	13 53	8 13	5 55
T 23	6 18	2s34	3 2	5 26	1 10	14 41	1 4	15 7	4 11	19 21	0 27	5 42	2 44	23 42	0 15	21 41	1 19	17 48	15 29	8 22	8 27	13 55	8 11	5 55
F 24	5 55	7 2	4 1	4 32	1 1	14 18	1 5	15 13	4 10	19 18	0 27	5 41	2 44	23 42	0 15	21 41	1 19	17 47	15 29	8 22	8 28	13 56	8 10	5 55
S 25	5 32	11 6	4 45	3 37	0 53	13 54	1 7	15 20	4 8	19 15	0 27	5 39	2 44	23 42	0 15	21 41	1 19	17 46	15 29	8 23	8 29	13 58	8 8	5 55
S 26	5 9	14 28	5 10	2 41	0 43	13 30	1 9	15 25	4 6	19 12	0 27	5 38	2 45	23 42	0 15	21 41	1 19	17 46	15 29	8 23	8 31	13 59	8 7	5 55
M27	4 45	16 57	5 16	1 46	0 33	13 6	1 10	15 31	4 5	19 9	0 27	5 37	2 45	23 42	0 15	21 41	1 19	17 45	15 29	8 23	8 32	14 0	8 6	5 55
T 28	4s22	18s21	5n 3	0s49	0s23	12s41	1s12	15n36	4n 3	19s 6	0s27	5s35	2n45	23s42	0s15	21n41	1s19	17s45	15s29	8n23	8n33	14n 2	8s 4	5n55

Julian Day Number = 2294531.5, Delta T = 138.39 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'28, Lahiri = 17°51'28 Julian Calendar 1 Feb. 1570 == Greg. Calendar 11 Feb. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

MARCH 1570 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 12 29	19♓59'00	9♉13	0♈46	1♓ 2	28°R45	6♒48	20°R43	3♉34	18♊34	21♓ 3	8♍33	8♍ 3	24♉22	23♒44	W 1
T 2	11 16 26	20°58'42	22°56	2°41	2°17	28♌27	7° 0	20♎40	3°36	18°34	21° 5	8°34	8° 0	24°29	23°47	T 2
F 3	11 20 23	21°58'22	6♒26	4°35	3°31	28° 8	7°12	20°36	3°37	18°35	21° 6	8°35	7°57	24°36	23°51	F 3
S 4	11 24 19	22°58'00	19°42	6°26	4°45	27°51	7°24	20°32	3°38	18°35	21° 8	8°36	7°54	24°42	23°55	S 4
S 5	11 28 16	23°57'36	2♓46	8°16	6° 0	27°34	7°36	20°28	3°40	18°36	21°10	8°R37	7°51	24°49	23°59	S 5
M 6	11 32 12	24°57'10	15°36	10° 2	7°14	27°18	7°48	20°25	3°41	18°36	21°11	8°37	7°47	24°56	24° 3	M 6
T 7	11 36 9	25°56'42	28°14	11°45	8°28	27° 2	8° 0	20°21	3°42	18°37	21°13	8°36	7°44	25° 3	24° 7	T 7
W 8	11 40 5	26°56'12	10♈40	13°24	9°42	26°47	8°11	20°17	3°43	18°37	21°14	8°34	7°41	25° 9	24°10	W 8
T 9	11 44 2	27°55'40	22°55	14°59	10°57	26°33	8°23	20°13	3°44	18°38	21°16	8°31	7°38	25°16	24°14	T 9
F 10	11 47 58	28°55'05	5♉ 1	16°29	12°11	26°20	8°34	20° 8	3°45	18°39	21°17	8°28	7°35	25°23	24°18	F 10
S 11	11 51 55	29°54'29	16°58	17°55	13°25	26° 7	8°46	20° 4	3°46	18°39	21°19	8°24	7°31	25°29	24°22	S 11
S 12	11 55 52	0♈53'50	28°51	19°15	14°39	25°55	8°57	20° 0	3°47	18°40	21°20	8°21	7°28	25°36	24°25	S 12
M13	11 59 48	1°53'09	10♊43	20°29	15°54	25°44	9° 8	19°56	3°48	18°41	21°22	8°19	7°25	25°43	24°29	M13
T 14	12 3 45	2°52'26	22°38	21°37	17° 8	25°34	9°20	19°52	3°49	18°42	21°23	8°17	7°22	25°50	24°32	T 14
W15	12 7 41	3°51'40	4♋40	22°39	18°22	25°25	9°31	19°47	3°50	18°42	21°25	8°D16	7°19	25°56	24°36	W15
T 16	12 11 38	4°50'53	16°54	23°34	19°36	25°16	9°42	19°43	3°50	18°43	21°26	8°17	7°16	26° 3	24°39	T 16
F 17	12 15 34	5°50'02	29°24	24°23	20°50	25° 8	9°52	19°39	3°51	18°44	21°28	8°18	7°12	26°10	24°43	F 17
S 18	12 19 31	6°49'10	12♌16	25° 5	22° 5	25° 1	10° 3	19°34	3°52	18°45	21°29	8°20	7° 9	26°17	24°46	S 18
S 19	12 23 27	7°48'15	25°31	25°40	23°19	24°55	10°14	19°30	3°52	18°46	21°31	8°21	7° 6	26°23	24°50	S 19
M20	12 27 24	8°47'17	9♍12	26° 8	24°33	24°49	10°24	19°25	3°53	18°47	21°32	8°R22	7° 3	26°30	24°53	M20
T 21	12 31 20	9°46'18	23°18	26°28	25°47	24°44	10°35	19°21	3°53	18°48	21°34	8°21	7° 0	26°37	24°56	T 21
W22	12 35 17	10°45'16	7♎47	26°42	27° 1	24°40	10°45	19°16	3°54	18°49	21°35	8°19	6°57	26°43	25° 0	W22
T 23	12 39 14	11°44'13	22°32	26°49	28°15	24°37	10°55	19°12	3°54	18°50	21°37	8°15	6°53	26°50	25° 3	T 23
F 24	12 43 10	12°43'07	7♏27	26°R50	29°29	24°35	11° 5	19° 7	3°54	18°51	21°38	8°10	6°50	26°57	25° 6	F 24
S 25	12 47 7	13°41'59	22°22	26°44	0♈44	24°33	11°15	19° 3	3°54	18°52	21°39	8° 5	6°47	27° 4	25° 9	S 25
S 26	12 51 3	14°40'50	7♐ 9	26°31	1°58	24°32	11°25	18°58	3°55	18°53	21°41	8° 0	6°44	27°10	25°13	S 26
M27	12 55 0	15°39'39	21°43	26°13	3°12	24°D32	11°35	18°53	3°55	18°55	21°42	7°57	6°41	27°17	25°16	M27
T 28	12 58 56	16°38'26	5♑57	25°49	4°26	24°32	11°45	18°49	3°55	18°56	21°44	7°55	6°37	27°24	25°19	T 28
W29	13 2 53	17°37'12	19°51	25°21	5°40	24°34	11°54	18°44	3°R55	18°57	21°45	7°D54	6°34	27°30	25°22	W29
T 30	13 6 49	18°35'56	3♒25	24°48	6°54	24°36	12° 4	18°40	3°55	18°58	21°47	7°55	6°31	27°37	25°25	T 30
F 31	13 10 46	19♈34'38	16♒39	24♈12	8♈ 8	24♌38	12♒13	18♎35	3♑55	19♊ 0	21♓48	7♍56	6♍28	27♉44	25♒28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s59	18s38	4n33	0n 7	0s12	12s16	1s13	15n42	4n 1	19s 3	0s28	5s34	2n45	23s41	0s15	21n41	1s19	17s44	15s29	8n23	8n34	14n 3	8s 3	5n55
T 2	3 35	17 49	3 47	1 3	0 1	11 51	1 15	15 46	3 59	19 1	0 28	5 32	2 45	23 41	0 15	21 41	1 19	17 43	15 29	8 23	8 35	14 5	8 2	5 55
F 3	3 11	15 59	2 49	1 59	0n11	11 25	1 16	15 51	3 57	18 58	0 28	5 30	2 45	23 41	0 15	21 42	1 19	17 43	15 29	8 22	8 36	14 6	8 0	5 55
S 4	2 48	13 19	1 43	2 55	0 23	10 59	1 17	15 55	3 55	18 55	0 28	5 29	2 46	23 41	0 15	21 42	1 19	17 42	15 29	8 22	8 38	14 7	7 59	5 56
S 5	2 24	10 1	0 32	3 49	0 35	10 33	1 18	15 59	3 53	18 52	0 28	5 27	2 46	23 41	0 15	21 42	1 19	17 42	15 29	8 22	8 39	14 9	7 57	5 56
M 6	2 1	6 17	0s39	4 43	0 47	10 6	1 19	16 3	3 51	18 49	0 28	5 26	2 46	23 41	0 15	21 42	1 19	17 41	15 29	8 22	8 40	14 10	7 56	5 56
T 7	1 37	2 20	1 46	5 35	1 0	9 39	1 21	16 6	3 48	18 46	0 28	5 24	2 46	23 41	0 15	21 42	1 19	17 40	15 29	8 22	8 41	14 12	7 55	5 56
W 8	1 13	1n40	2 48	6 25	1 12	9 12	1 22	16 9	3 46	18 43	0 29	5 23	2 46	23 41	0 15	21 42	1 18	17 40	15 29	8 23	8 42	14 13	7 53	5 56
T 9	0 50	5 31	3 41	7 13	1 25	8 45	1 22	16 12	3 44	18 40	0 29	5 21	2 46	23 41	0 15	21 42	1 18	17 39	15 29	8 24	8 44	14 14	7 52	5 56
F 10	0 26	9 6	4 23	7 59	1 37	8 17	1 23	16 14	3 41	18 37	0 29	5 19	2 46	23 41	0 15	21 42	1 18	17 39	15 29	8 25	8 45	14 16	7 51	5 56
S 11	0 2	12 16	4 53	8 43	1 49	7 50	1 24	16 16	3 39	18 35	0 29	5 18	2 46	23 41	0 15	21 42	1 18	17 38	15 29	8 26	8 46	14 17	7 49	5 57
S 12	0n21	14 54	5 10	9 24	2 1	7 22	1 25	16 18	3 37	18 32	0 29	5 16	2 47	23 41	0 15	21 42	1 18	17 38	15 29	8 27	8 47	14 19	7 48	5 57
M13	0 45	16 55	5 14	10 3	2 12	6 53	1 26	16 19	3 34	18 29	0 29	5 14	2 47	23 41	0 15	21 43	1 18	17 37	15 30	8 28	8 48	14 20	7 47	5 57
T 14	1 9	18 13	5 5	10 38	2 22	6 25	1 26	16 21	3 32	18 26	0 30	5 13	2 47	23 41	0 15	21 43	1 18	17 37	15 30	8 29	8 49	14 21	7 45	5 57
W15	1 32	18 43	4 42	11 11	2 32	5 56	1 27	16 22	3 29	18 23	0 30	5 11	2 47	23 41	0 15	21 43	1 18	17 36	15 30	8 29	8 51	14 23	7 44	5 57
T 16	1 56	18 21	4 6	11 40	2 41	5 28	1 27	16 22	3 27	18 21	0 30	5 9	2 47	23 41	0 15	21 43	1 18	17 36	15 30	8 29	8 52	14 24	7 43	5 57
F 17	2 19	17 6	3 18	12 5	2 49	4 59	1 28	16 22	3 24	18 18	0 30	5 7	2 47	23 41	0 15	21 43	1 18	17 35	15 30	8 28	8 53	14 25	7 41	5 58
S 18	2 43	14 57	2 18	12 27	2 56	4 30	1 28	16 22	3 22	18 15	0 30	5 6	2 47	23 41	0 15	21 43	1 18	17 35	15 30	8 28	8 54	14 27	7 40	5 58
S 19	3 6	11 57	1 10	12 46	3 2	4 1	1 28	16 22	3 19	18 12	0 30	5 4	2 47	23 41	0 15	21 43	1 18	17 34	15 30	8 27	8 55	14 28	7 39	5 58
M20	3 30	8 13	0n 5	13 1	3 7	3 31	1 29	16 22	3 16	18 10	0 31	5 2	2 47	23 41	0 15	21 43	1 18	17 34	15 30	8 27	8 57	14 30	7 37	5 58
T 21	3 53	3 54	1 21	13 12	3 11	3 2	1 29	16 21	3 14	18 7	0 31	5 0	2 47	23 41	0 15	21 44	1 18	17 33	15 30	8 27	8 58	14 31	7 36	5 58
W22	4 16	0s44	2 34	13 19	3 13	2 33	1 29	16 20	3 11	18 4	0 31	4 59	2 47	23 41	0 15	21 44	1 18	17 33	15 30	8 28	8 59	14 32	7 35	5 59
T 23	4 39	5 25	3 38	13 23	3 14	2 3	1 29	16 19	3 9	18 2	0 31	4 57	2 47	23 41	0 15	21 44	1 18	17 32	15 31	8 30	9 0	14 34	7 34	5 59
F 24	5 2	9 48	4 28	13 22	3 14	1 34	1 29	16 17	3 6	17 59	0 31	4 55	2 48	23 41	0 15	21 44	1 18	17 32	15 31	8 31	9 1	14 35	7 32	5 59
S 25	5 25	13 34	4 59	13 18	3 12	1 4	1 29	16 15	3 4	17 57	0 31	4 53	2 48	23 41	0 15	21 44	1 18	17 31	15 31	8 33	9 2	14 36	7 31	5 59
S 26	5 48	16 26	5 11	13 11	3 8	0 34	1 29	16 13	3 1	17 54	0 32	4 52	2 48	23 41	0 15	21 44	1 18	17 31	15 31	8 35	9 4	14 38	7 30	6 0
M27	6 11	18 12	5 2	12 59	3 3	0 5	1 28	16 11	2 59	17 51	0 32	4 50	2 48	23 41	0 15	21 44	1 18	17 30	15 31	8 37	9 5	14 39	7 29	6 0
T 28	6 33	18 47	4 35	12 45	2 57	0n25	1 28	16 8	2 56	17 49	0 32	4 48	2 48	23 42	0 15	21 45	1 17	17 30	15 31	8 37	9 6	14 40	7 27	6 0
W29	6 56	18 12	3 52	12 27	2 49	0 55	1 28	16 5	2 54	17 46	0 32	4 46	2 48	23 42	0 15	21 45	1 17	17 30	15 31	8 37	9 7	14 42	7 26	6 0
T 30	7 18	16 34	2 56	12 6	2 40	1 25	1 27	16 2	2 51	17 44	0 32	4 45	2 48	23 42	0 15	21 45	1 17	17 29	15 32	8 37	9 8	14 43	7 25	6 1
F 31	7n41	14s 5	1n53	11n43	2n29	1n54	1s27	15n59	2n49	17s42	0s33	4s43	2n48	23s42	0s15	21n45	1s17	17s29	15s32	8n37	9n10	14n44	7s24	6n 1

Julian Day Number = 2294559.5, Delta T = 138.24 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'32, Lahiri = 17°51'32 Julian Calendar 1 March 1570 == Greg. Calendar 11 March 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

APRIL 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 14 43	20♈33'18	29♒37	23°R33	9♈22	24♌42	12♒22	18°R30	3°R55	19♊ 1	21♓49	7♍57	6♍25	27♉51	25♒30	S 1
S 2	13 18 39	21°31'56	12♓20	22♈52	10°36	24°46	12°31	18♎26	3♑55	19° 2	21°51	7°R58	6°22	27°57	25°33	S 2
M 3	13 22 36	22°30'33	24°51	22°10	11°50	24°51	12°40	18°21	3°54	19° 4	21°52	7°56	6°18	28° 4	25°36	M 3
T 4	13 26 32	23°29'08	7♈12	21°27	13° 4	24°56	12°49	18°17	3°54	19° 5	21°53	7°53	6°15	28°11	25°39	T 4
W 5	13 30 29	24°27'41	19°24	20°45	14°18	25° 2	12°58	18°12	3°54	19° 7	21°55	7°47	6°12	28°18	25°41	W 5
T 6	13 34 25	25°26'12	1♉30	20° 4	15°32	25° 9	13° 6	18° 8	3°54	19° 8	21°56	7°39	6° 9	28°24	25°44	T 6
F 7	13 38 22	26°24'41	13°29	19°24	16°46	25°16	13°15	18° 3	3°53	19°10	21°57	7°30	6° 6	28°31	25°47	F 7
S 8	13 42 18	27°23'09	25°23	18°47	18° 0	25°24	13°23	17°58	3°53	19°11	21°59	7°20	6° 2	28°38	25°49	S 8
S 9	13 46 15	28°21'34	7♊15	18°13	19°14	25°33	13°31	17°54	3°52	19°13	22° 0	7°11	5°59	28°44	25°52	S 9
M10	13 50 12	29°19'57	19° 7	17°42	20°28	25°42	13°39	17°50	3°52	19°14	22° 1	7° 3	5°56	28°51	25°54	M10
T 11	13 54 8	0♉18'19	1♋ 1	17°16	21°42	25°52	13°47	17°45	3°51	19°16	22° 2	6°57	5°53	28°58	25°56	T 11
W12	13 58 5	1°16'38	13° 1	16°53	22°56	26° 3	13°55	17°41	3°50	19°17	22° 4	6°53	5°50	29° 5	25°59	W12
T 13	14 2 1	2°14'55	25°13	16°35	24°10	26°14	14° 2	17°36	3°50	19°19	22° 5	6°51	5°47	29°11	26° 1	T 13
F 14	14 5 58	3°13'10	7♌39	16°22	25°24	26°25	14°10	17°32	3°49	19°21	22° 6	6°D51	5°43	29°18	26° 3	F 14
S 15	14 9 54	4°11'23	20°25	16°13	26°38	26°37	14°17	17°28	3°48	19°22	22° 7	6°51	5°40	29°25	26° 5	S 15
S 16	14 13 51	5° 9'34	3♍36	16°D10	27°52	26°50	14°24	17°23	3°47	19°24	22° 8	6°R52	5°37	29°31	26° 8	S 16
M17	14 17 47	6° 7'43	17°14	16°11	29° 6	27° 3	14°31	17°19	3°46	19°26	22°10	6°52	5°34	29°38	26°10	M17
T 18	14 21 44	7° 5'49	1♎21	16°17	0♉20	27°17	14°38	17°15	3°45	19°27	22°11	6°49	5°31	29°45	26°12	T 18
W19	14 25 40	8° 3'54	15°56	16°27	1°34	27°31	14°45	17°11	3°44	19°29	22°12	6°45	5°28	29°52	26°14	W19
T 20	14 29 37	9° 1'58	0♏53	16°42	2°48	27°46	14°51	17° 7	3°43	19°31	22°13	6°38	5°24	29°58	26°15	T 20
F 21	14 33 34	9°59'59	16° 5	17° 2	4° 2	28° 1	14°58	17° 3	3°42	19°33	22°14	6°29	5°21	0♊ 5	26°17	F 21
S 22	14 37 30	10°57'59	1♐20	17°26	5°15	28°17	15° 4	16°59	3°41	19°35	22°15	6°20	5°18	0°12	26°19	S 22
S 23	14 41 27	11°55'57	16°29	17°55	6°29	28°33	15°10	16°55	3°40	19°36	22°16	6°11	5°15	0°19	26°21	S 23
M24	14 45 23	12°53'54	1♑20	18°27	7°43	28°49	15°16	16°51	3°39	19°38	22°17	6° 3	5°12	0°25	26°23	M24
T 25	14 49 20	13°51'50	15°49	19° 4	8°57	29° 6	15°22	16°47	3°38	19°40	22°18	5°58	5° 8	0°32	26°24	T 25
W26	14 53 16	14°49'44	29°51	19°44	10°11	29°24	15°28	16°43	3°36	19°42	22°20	5°55	5° 5	0°39	26°26	W26
T 27	14 57 13	15°47'37	13♒26	20°29	11°25	29°42	15°33	16°39	3°35	19°44	22°21	5°D54	5° 2	0°45	26°27	T 27
F 28	15 1 10	16°45'29	26°37	21°16	12°39	29°59	15°38	16°36	3°34	19°46	22°22	5°54	4°59	0°52	26°29	F 28
S 29	15 5 6	17°43'20	9♓26	22° 7	13°52	0♍19	15°44	16°32	3°32	19°48	22°22	5°R55	4°56	0°59	26°30	S 29
S 30	15 9 3	18♉41'09	21♓58	23♈ 2	15♉ 6	0♍38	15♒48	16♎28	3♑31	19♊50	22♓23	5♍54	4♍53	1♊ 6	26♒31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 3	10s56	0n45	11n17	2n17	2n24	1s26	15n56	2n46	17s39	0s33	4s41	2n48	23s42	0s16	21n45	1s17	17s28	15s32	8n36	9n11	14n46	7s22	6n 1
S 2	8 25	7 19	0s24	10 49	2 3	2 54	1 25	15 52	2 44	17 37	0 33	4 39	2 48	23 42	0 16	21 45	1 17	17 28	15 32	8 36	9 12	14 47	7 21	6 1
M 3	8 47	3 26	1 30	10 20	1 49	3 23	1 25	15 48	2 41	17 34	0 33	4 38	2 48	23 42	0 16	21 46	1 17	17 28	15 32	8 37	9 13	14 48	7 20	6 2
T 4	9 8	0n33	2 31	9 50	1 34	3 53	1 24	15 44	2 39	17 32	0 33	4 36	2 48	23 42	0 16	21 46	1 17	17 27	15 33	8 38	9 14	14 50	7 19	6 2
W 5	9 30	4 27	3 25	9 19	1 18	4 22	1 23	15 40	2 37	17 30	0 33	4 34	2 48	23 42	0 16	21 46	1 17	17 27	15 33	8 40	9 15	14 51	7 18	6 2
T 6	9 52	8 8	4 8	8 48	1 2	4 52	1 22	15 35	2 34	17 28	0 34	4 32	2 48	23 42	0 16	21 46	1 17	17 27	15 33	8 43	9 17	14 52	7 17	6 2
F 7	10 13	11 28	4 40	8 18	0 45	5 21	1 21	15 30	2 32	17 25	0 34	4 31	2 48	23 42	0 16	21 46	1 17	17 26	15 33	8 47	9 18	14 54	7 16	6 3
S 8	10 34	14 18	5 0	7 48	0 28	5 50	1 20	15 25	2 29	17 23	0 34	4 29	2 48	23 42	0 16	21 46	1 17	17 26	15 33	8 50	9 19	14 55	7 15	6 3
S 9	10 55	16 32	5 6	7 20	0 11	6 19	1 19	15 20	2 27	17 21	0 34	4 27	2 47	23 42	0 16	21 46	1 17	17 26	15 34	8 54	9 20	14 56	7 13	6 3
M10	11 16	18 4	4 59	6 52	0s 6	6 48	1 18	15 15	2 25	17 19	0 34	4 26	2 47	23 42	0 16	21 47	1 17	17 25	15 34	8 57	9 21	14 58	7 12	6 4
T 11	11 36	18 50	4 40	6 27	0 22	7 17	1 17	15 10	2 23	17 17	0 35	4 24	2 47	23 42	0 16	21 47	1 17	17 25	15 34	8 59	9 22	14 59	7 11	6 4
W12	11 57	18 45	4 8	6 4	0 38	7 46	1 16	15 4	2 20	17 15	0 35	4 23	2 47	23 42	0 16	21 47	1 17	17 25	15 34	9 0	9 24	15 0	7 10	6 4
T 13	12 17	17 48	3 24	5 42	0 54	8 14	1 15	14 58	2 18	17 13	0 35	4 21	2 47	23 42	0 16	21 47	1 17	17 24	15 35	9 1	9 25	15 2	7 9	6 4
F 14	12 37	15 59	2 30	5 23	1 9	8 42	1 13	14 52	2 16	17 11	0 35	4 19	2 47	23 42	0 16	21 47	1 17	17 24	15 35	9 1	9 26	15 3	7 8	6 5
S 15	12 57	13 20	1 27	5 7	1 23	9 11	1 12	14 46	2 14	17 9	0 36	4 18	2 47	23 42	0 16	21 47	1 17	17 24	15 35	9 1	9 27	15 4	7 7	6 5
S 16	13 16	9 56	0 18	4 53	1 36	9 38	1 11	14 39	2 11	17 7	0 36	4 16	2 47	23 42	0 16	21 48	1 17	17 24	15 35	9 1	9 28	15 6	7 6	6 5
M17	13 36	5 54	0n55	4 42	1 49	10 6	1 9	14 33	2 9	17 5	0 36	4 15	2 47	23 42	0 16	21 48	1 17	17 23	15 36	9 1	9 29	15 7	7 5	6 6
T 18	13 55	1 24	2 7	4 33	2 1	10 34	1 8	14 26	2 7	17 3	0 36	4 13	2 47	23 42	0 16	21 48	1 17	17 23	15 36	9 2	9 31	15 8	7 4	6 6
W19	14 14	3s19	3 13	4 27	2 12	11 1	1 6	14 19	2 5	17 2	0 36	4 12	2 47	23 42	0 16	21 48	1 17	17 23	15 36	9 3	9 32	15 10	7 3	6 6
T 20	14 32	7 57	4 7	4 24	2 22	11 28	1 4	14 12	2 3	17 0	0 37	4 10	2 47	23 42	0 16	21 48	1 17	17 23	15 36	9 6	9 33	15 11	7 2	6 7
F 21	14 51	12 9	4 44	4 23	2 31	11 54	1 3	14 5	2 1	16 58	0 37	4 9	2 46	23 42	0 16	21 49	1 16	17 23	15 37	9 9	9 34	15 12	7 1	6 7
S 22	15 9	15 33	5 2	4 25	2 39	12 21	1 1	13 57	1 59	16 57	0 37	4 7	2 46	23 42	0 16	21 49	1 16	17 22	15 37	9 13	9 35	15 13	7 1	6 7
S 23	15 27	17 51	4 58	4 29	2 47	12 47	0 59	13 50	1 57	16 55	0 37	4 6	2 46	23 42	0 16	21 49	1 16	17 22	15 37	9 16	9 36	15 15	7 0	6 8
M24	15 45	18 55	4 34	4 35	2 53	13 13	0 58	13 42	1 55	16 53	0 37	4 5	2 46	23 43	0 16	21 49	1 16	17 22	15 37	9 19	9 38	15 16	6 59	6 8
T 25	16 2	18 41	3 53	4 43	2 59	13 38	0 56	13 34	1 53	16 52	0 38	4 3	2 46	23 43	0 16	21 49	1 16	17 22	15 38	9 21	9 39	15 17	6 58	6 8
W26	16 19	17 18	2 59	4 54	3 4	14 3	0 54	13 26	1 51	16 50	0 38	4 2	2 46	23 43	0 16	21 49	1 16	17 22	15 38	9 22	9 40	15 19	6 57	6 8
T 27	16 36	14 58	1 56	5 7	3 8	14 28	0 52	13 18	1 49	16 49	0 38	4 1	2 46	23 43	0 16	21 50	1 16	17 22	15 38	9 22	9 41	15 20	6 56	6 9
F 28	16 53	11 54	0 49	5 22	3 11	14 52	0 50	13 10	1 47	16 48	0 38	3 59	2 46	23 43	0 16	21 50	1 16	17 21	15 39	9 22	9 42	15 21	6 56	6 9
S 29	17 9	8 20	0s19	5 38	3 14	15 16	0 48	13 2	1 45	16 46	0 39	3 58	2 45	23 43	0 16	21 50	1 16	17 21	15 39	9 22	9 43	15 23	6 55	6 9
S 30	17n25	4s29	1s24	5n57	3s15	15n40	0s46	12n53	1n43	16s45	0s39	3s57	2n45	23s43	0s16	21n50	1s16	17s21	15s39	9n22	9n45	15n24	6s54	6n10

Julian Day Number = 2294590.5, Delta T = 138.08 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'36, Lahiri = 17°51'36 Julian Calendar 1 Apr. 1570 == Greg. Calendar 11 Apr. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

MAY 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 12 59	19♉38'57	4♈17	24♈ 0	16♉20	0♍57	15♒53	16°R25	3°R29	19♊52	22♓24	5°R50	4♍49	1♊12	26♒33	M 1
T 2	15 16 56	20°36'44	16°26	25° 0	17°34	1°17	15°58	16♎22	3♑28	19°54	22°25	5♍45	4°46	1°19	26°34	T 2
W 3	15 20 52	21°34'29	28°28	26° 4	18°48	1°37	16° 2	16°18	3°26	19°56	22°26	5°36	4°43	1°26	26°35	W 3
T 4	15 24 49	22°32'14	10♉25	27°11	20° 1	1°58	16° 7	16°15	3°25	19°58	22°27	5°25	4°40	1°32	26°36	T 4
F 5	15 28 45	23°29'57	22°19	28°21	21°15	2°19	16°11	16°12	3°23	20° 0	22°28	5°12	4°37	1°39	26°37	F 5
S 6	15 32 42	24°27'38	4♊11	29°33	22°29	2°41	16°15	16° 9	3°21	20° 2	22°29	4°58	4°34	1°46	26°38	S 6
S 7	15 36 38	25°25'19	16° 3	0♉48	23°43	3° 2	16°18	16° 6	3°20	20° 4	22°30	4°44	4°30	1°53	26°39	S 7
M 8	15 40 35	26°22'58	27°56	2° 6	24°57	3°24	16°22	16° 3	3°18	20° 6	22°30	4°32	4°27	1°59	26°40	M 8
T 9	15 44 32	27°20'36	9♋53	3°26	26°10	3°47	16°25	16° 0	3°16	20° 8	22°31	4°23	4°24	2° 6	26°41	T 9
W10	15 48 28	28°18'12	21°56	4°49	27°24	4°10	16°29	15°57	3°14	20°10	22°32	4°16	4°21	2°13	26°41	W10
T 11	15 52 25	29°15'47	4♌ 8	6°15	28°38	4°33	16°32	15°54	3°12	20°12	22°33	4°11	4°18	2°20	26°42	T 11
F 12	15 56 21	0♊13'20	16°33	7°43	29°52	4°56	16°35	15°52	3°10	20°14	22°33	4°10	4°14	2°26	26°43	F 12
S 13	16 0 18	1°10'52	29°16	9°13	1♊ 5	5°20	16°37	15°49	3° 9	20°17	22°34	4° 9	4°11	2°33	26°43	S 13
S 14	16 4 14	2° 8'23	12♍22	10°46	2°19	5°44	16°40	15°47	3° 7	20°19	22°35	4° 9	4° 8	2°40	26°44	S 14
M15	16 8 11	3° 5'52	25°53	12°22	3°33	6° 8	16°42	15°44	3° 5	20°21	22°35	4° 8	4° 5	2°46	26°44	M15
T 16	16 12 7	4° 3'20	9♎53	14° 0	4°47	6°33	16°44	15°42	3° 3	20°23	22°36	4° 5	4° 2	2°53	26°45	T 16
W17	16 16 4	5° 0'46	24°21	15°40	6° 0	6°58	16°46	15°40	3° 1	20°25	22°37	4° 0	3°59	3° 0	26°45	W17
T 18	16 20 1	5°58'12	9♏15	17°23	7°14	7°23	16°48	15°38	2°59	20°27	22°37	3°52	3°55	3° 7	26°45	T 18
F 19	16 23 57	6°55'36	24°27	19° 8	8°28	7°48	16°49	15°36	2°56	20°30	22°38	3°42	3°52	3°13	26°45	F 19
S 20	16 27 54	7°52'59	9♐47	20°56	9°41	8°14	16°51	15°34	2°54	20°32	22°38	3°32	3°49	3°20	26°45	S 20
S 21	16 31 50	8°50'22	25° 4	22°46	10°55	8°40	16°52	15°32	2°52	20°34	22°39	3°21	3°46	3°27	26°46	S 21
M22	16 35 47	9°47'43	10♑ 7	24°38	12° 9	9° 6	16°53	15°30	2°50	20°36	22°40	3°13	3°43	3°34	26°R46	M22
T 23	16 39 43	10°45'04	24°47	26°33	13°23	9°33	16°54	15°28	2°48	20°38	22°40	3° 6	3°40	3°40	26°45	T 23
W24	16 43 40	11°42'24	8♒58	28°30	14°36	10° 0	16°54	15°27	2°46	20°41	22°40	3° 2	3°36	3°47	26°45	W24
T 25	16 47 37	12°39'44	22°41	0♊29	15°50	10°27	16°55	15°25	2°44	20°43	22°41	3° 1	3°33	3°54	26°45	T 25
F 26	16 51 33	13°37'03	5♓56	2°30	17° 4	10°54	16°55	15°24	2°41	20°45	22°41	3°D 1	3°30	4° 0	26°45	F 26
S 27	16 55 30	14°34'22	18°46	4°34	18°17	11°21	16°R55	15°23	2°39	20°47	22°42	3°R 1	3°27	4° 7	26°45	S 27
S 28	16 59 26	15°31'40	1♈16	6°39	19°31	11°49	16°55	15°21	2°37	20°49	22°42	3° 0	3°24	4°14	26°44	S 28
M29	17 3 23	16°28'58	13°31	8°45	20°45	12°17	16°54	15°20	2°34	20°52	22°42	2°57	3°20	4°21	26°44	M29
T 30	17 7 19	17°26'16	25°34	10°54	21°59	12°45	16°54	15°19	2°32	20°54	22°43	2°52	3°17	4°27	26°43	T 30
W31	17 11 16	18♊23'33	7♉31	13♊ 3	23♊12	13♍14	16♒53	15♎18	2♑30	20♊56	22♓43	2♍44	3♍14	4♊34	26♒43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n41	0s30	2s24	6n17	3s16	16n 3	0s44	12n44	1n41	16s44	0s39	3s56	2n45	23s43	0s16	21n50	1s16	17s21	15s39	9n23	9n46	15n25	6s53	6n10
T 2	17 57	3n27	3 17	6 39	3 17	16 26	0 42	12 35	1 40	16 43	0 39	3 55	2 45	23 43	0 16	21 50	1 16	17 21	15 40	9 26	9 47	15 26	6 53	6 11
W 3	18 12	7 13	4 0	7 3	3 16	16 49	0 40	12 26	1 38	16 42	0 40	3 53	2 45	23 43	0 16	21 51	1 16	17 21	15 40	9 29	9 48	15 28	6 52	6 11
T 4	18 27	10 40	4 33	7 28	3 15	17 11	0 38	12 17	1 36	16 41	0 40	3 52	2 45	23 43	0 16	21 51	1 16	17 21	15 40	9 33	9 49	15 29	6 51	6 11
F 5	18 41	13 40	4 53	7 54	3 13	17 33	0 35	12 8	1 34	16 40	0 40	3 51	2 44	23 43	0 16	21 51	1 16	17 21	15 41	9 38	9 50	15 30	6 50	6 12
S 6	18 56	16 7	5 0	8 22	3 11	17 54	0 33	11 59	1 32	16 39	0 40	3 50	2 44	23 43	0 16	21 51	1 16	17 21	15 41	9 43	9 52	15 31	6 50	6 12
S 7	19 10	17 53	4 54	8 51	3 8	18 14	0 31	11 49	1 31	16 38	0 40	3 49	2 44	23 43	0 16	21 51	1 16	17 21	15 41	9 48	9 53	15 33	6 49	6 12
M 8	19 23	18 53	4 36	9 21	3 4	18 35	0 29	11 40	1 29	16 37	0 41	3 48	2 44	23 43	0 16	21 52	1 16	17 21	15 42	9 52	9 54	15 34	6 49	6 13
T 9	19 37	19 3	4 5	9 53	2 59	18 54	0 27	11 30	1 27	16 36	0 41	3 47	2 44	23 43	0 16	21 52	1 16	17 21	15 42	9 56	9 55	15 35	6 48	6 13
W10	19 50	18 21	3 23	10 25	2 54	19 14	0 24	11 20	1 25	16 35	0 41	3 46	2 43	23 43	0 16	21 52	1 16	17 21	15 42	9 58	9 56	15 36	6 47	6 13
T 11	20 2	16 49	2 32	10 58	2 49	19 32	0 22	11 10	1 24	16 35	0 41	3 46	2 43	23 44	0 16	21 52	1 16	17 21	15 43	10 0	9 57	15 38	6 47	6 14
F 12	20 15	14 27	1 32	11 33	2 43	19 51	0 20	11 0	1 22	16 34	0 42	3 45	2 43	23 44	0 16	21 52	1 16	17 21	15 43	10 0	9 59	15 39	6 46	6 14
S 13	20 27	11 21	0 26	12 8	2 36	20 8	0 17	10 50	1 21	16 33	0 42	3 44	2 43	23 44	0 16	21 52	1 16	17 21	15 43	10 0	10 0	15 40	6 46	6 14
S 14	20 38	7 36	0n43	12 44	2 29	20 26	0 15	10 39	1 19	16 33	0 42	3 43	2 43	23 44	0 16	21 53	1 16	17 21	15 44	10 1	10 1	15 42	6 45	6 15
M15	20 49	3 21	1 52	13 20	2 22	20 42	0 13	10 29	1 17	16 32	0 42	3 43	2 42	23 44	0 16	21 53	1 16	17 21	15 44	10 1	10 2	15 43	6 45	6 15
T 16	21 0	1s13	2 57	13 57	2 14	20 58	0 10	10 18	1 16	16 32	0 43	3 42	2 42	23 44	0 16	21 53	1 16	17 21	15 44	10 2	10 3	15 44	6 44	6 15
W17	21 11	5 52	3 52	14 34	2 5	21 14	0 8	10 7	1 14	16 32	0 43	3 41	2 42	23 44	0 16	21 53	1 16	17 21	15 45	10 4	10 4	15 45	6 44	6 16
T 18	21 21	10 17	4 33	15 12	1 56	21 28	0 6	9 56	1 13	16 31	0 43	3 41	2 42	23 44	0 16	21 53	1 16	17 21	15 45	10 7	10 6	15 46	6 44	6 16
F 19	21 31	14 8	4 57	15 50	1 47	21 43	0 3	9 46	1 11	16 31	0 43	3 40	2 41	23 44	0 16	21 54	1 16	17 21	15 46	10 10	10 7	15 48	6 43	6 16
S 20	21 40	17 3	4 59	16 28	1 37	21 56	0 1	9 34	1 10	16 31	0 44	3 39	2 41	23 44	0 16	21 54	1 16	17 21	15 46	10 14	10 8	15 49	6 43	6 17
S 21	21 49	18 45	4 39	17 6	1 27	22 9	0n 2	9 23	1 8	16 31	0 44	3 39	2 41	23 44	0 16	21 54	1 16	17 21	15 46	10 18	10 9	15 50	6 42	6 17
M22	21 58	19 6	4 1	17 44	1 17	22 22	0 4	9 12	1 7	16 31	0 44	3 39	2 41	23 44	0 17	21 54	1 16	17 22	15 47	10 21	10 10	15 51	6 42	6 17
T 23	22 6	18 9	3 7	18 21	1 6	22 34	0 6	9 1	1 5	16 31	0 44	3 38	2 41	23 44	0 17	21 54	1 16	17 22	15 47	10 23	10 11	15 53	6 42	6 18
W24	22 14	16 4	2 3	18 58	0 55	22 45	0 9	8 49	1 4	16 31	0 45	3 38	2 40	23 44	0 17	21 54	1 16	17 22	15 47	10 25	10 12	15 54	6 42	6 18
T 25	22 22	13 8	0 54	19 34	0 44	22 55	0 11	8 38	1 2	16 31	0 45	3 37	2 40	23 44	0 17	21 55	1 16	17 22	15 48	10 25	10 14	15 55	6 41	6 18
F 26	22 29	9 36	0s15	20 10	0 33	23 5	0 13	8 26	1 1	16 31	0 45	3 37	2 40	23 44	0 17	21 55	1 16	17 22	15 48	10 25	10 15	15 56	6 41	6 19
S 27	22 36	5 43	1 22	20 44	0 22	23 14	0 16	8 14	0 59	16 31	0 45	3 37	2 40	23 45	0 17	21 55	1 16	17 22	15 48	10 25	10 16	15 58	6 41	6 19
S 28	22 42	1 41	2 24	21 17	0 11	23 23	0 18	8 2	0 58	16 32	0 46	3 37	2 39	23 45	0 17	21 55	1 16	17 23	15 49	10 26	10 17	15 59	6 41	6 19
M29	22 48	2n19	3 17	21 48	0 1	23 31	0 20	7 50	0 57	16 32	0 46	3 36	2 39	23 45	0 17	21 55	1 16	17 23	15 49	10 27	10 18	16 0	6 40	6 20
T 30	22 54	6 10	4 0	22 18	0n10	23 38	0 23	7 38	0 55	16 32	0 46	3 36	2 39	23 45	0 17	21 55	1 16	17 23	15 50	10 29	10 19	16 1	6 40	6 20
W31	22n59	9n45	4s33	22n46	0n21	23n44	0n25	7n26	0n54	16s33	0s47	3s36	2n39	23s45	0s17	21n56	1s16	17s23	15s50	10n31	10n20	16n 2	6s40	6n20

Julian Day Number = 2294620.5, Delta T = 137.92 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'40, Lahiri = 17°51'40 Julian Calendar 1 May 1570 == Greg. Calendar 11 May 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

JUNE 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 15 12	19♊20'50	19♉23	15♊13	24♊26	13♍42	16°R52	15°R18	2°R27	20♊58	22♓43	2°R33	3♍11	4♊41	26°R42	T 1
F 2	17 19 9	20°18'06	1♊15	17°24	25°40	14°11	16♒51	15♎17	2♑25	21° 1	22°44	2♍21	3° 8	4°47	26♒42	F 2
S 3	17 23 6	21°15'22	13° 7	19°36	26°53	14°40	16°50	15°16	2°23	21° 3	22°44	2° 8	3° 5	4°54	26°41	S 3
S 4	17 27 2	22°12'37	25° 2	21°48	28° 7	15° 9	16°48	15°16	2°20	21° 5	22°44	1°56	3° 1	5° 1	26°40	S 4
M 5	17 30 59	23° 9'52	7♋ 0	23°59	29°21	15°39	16°46	15°15	2°18	21° 7	22°44	1°44	2°58	5° 8	26°39	M 5
T 6	17 34 55	24° 7'07	19° 3	26°10	0♋34	16° 9	16°45	15°15	2°16	21°10	22°45	1°35	2°55	5°14	26°38	T 6
W 7	17 38 52	25° 4'21	1♌13	28°21	1°48	16°38	16°43	15°15	2°13	21°12	22°45	1°29	2°52	5°21	26°37	W 7
T 8	17 42 48	26° 1'35	13°33	0♋31	3° 2	17° 9	16°40	15°15	2°11	21°14	22°45	1°25	2°49	5°28	26°36	T 8
F 9	17 46 45	26°58'48	26° 4	2°39	4°16	17°39	16°38	15°D15	2° 8	21°16	22°45	1°D24	2°46	5°35	26°35	F 9
S 10	17 50 41	27°56'00	8♍51	4°47	5°29	18° 9	16°35	15°15	2° 6	21°18	22°45	1°24	2°42	5°41	26°34	S 10
S 11	17 54 38	28°53'12	21°56	6°53	6°43	18°40	16°32	15°15	2° 4	21°21	22°45	1°24	2°39	5°48	26°33	S 11
M12	17 58 35	29°50'23	5♎23	8°57	7°57	19°11	16°29	15°15	2° 1	21°23	22°45	1°R24	2°36	5°55	26°32	M12
T 13	18 2 31	0♋47'34	19°15	11° 0	9°10	19°42	16°26	15°16	1°59	21°25	22°R45	1°23	2°33	6° 1	26°30	T 13
W14	18 6 28	1°44'44	3♏31	13° 0	10°24	20°13	16°23	15°16	1°56	21°27	22°45	1°19	2°30	6° 8	26°29	W14
T 15	18 10 24	2°41'55	18°11	14°59	11°38	20°44	16°19	15°17	1°54	21°30	22°45	1°14	2°26	6°15	26°28	T 15
F 16	18 14 21	3°39'04	3♐10	16°57	12°51	21°16	16°15	15°17	1°51	21°32	22°45	1° 6	2°23	6°22	26°26	F 16
S 17	18 18 17	4°36'14	18°18	18°52	14° 5	21°48	16°12	15°18	1°49	21°34	22°45	0°58	2°20	6°28	26°25	S 17
S 18	18 22 14	5°33'23	3♑28	20°45	15°19	22°19	16° 8	15°19	1°47	21°36	22°45	0°50	2°17	6°35	26°23	S 18
M19	18 26 10	6°30'33	18°27	22°36	16°32	22°52	16° 3	15°20	1°44	21°38	22°45	0°43	2°14	6°42	26°22	M19
T 20	18 30 7	7°27'43	3♒ 7	24°25	17°46	23°24	15°59	15°21	1°42	21°41	22°45	0°38	2°11	6°49	26°20	T 20
W21	18 34 4	8°24'52	17°23	26°12	19° 0	23°56	15°54	15°22	1°39	21°43	22°44	0°36	2° 7	6°55	26°18	W21
T 22	18 38 0	9°22'02	1♓11	27°57	20°13	24°29	15°50	15°24	1°37	21°45	22°44	0°D35	2° 4	7° 2	26°16	T 22
F 23	18 41 57	10°19'13	14°31	29°40	21°27	25° 1	15°45	15°25	1°35	21°47	22°44	0°35	2° 1	7° 9	26°15	F 23
S 24	18 45 53	11°16'23	27°26	1♌21	22°41	25°34	15°40	15°26	1°32	21°49	22°44	0°37	1°58	7°15	26°13	S 24
S 25	18 49 50	12°13'34	9♈59	3° 0	23°54	26° 7	15°35	15°28	1°30	21°51	22°44	0°R37	1°55	7°22	26°11	S 25
M26	18 53 46	13°10'46	22°15	4°37	25° 8	26°40	15°29	15°30	1°27	21°53	22°43	0°37	1°51	7°29	26° 9	M26
T 27	18 57 43	14° 7'58	4♉19	6°12	26°22	27°14	15°24	15°31	1°25	21°55	22°43	0°35	1°48	7°36	26° 7	T 27
W28	19 1 39	15° 5'11	16°14	7°45	27°35	27°47	15°18	15°33	1°23	21°58	22°43	0°31	1°45	7°42	26° 5	W28
T 29	19 5 36	16° 2'25	28° 6	9°16	28°49	28°21	15°12	15°35	1°20	22° 0	22°42	0°25	1°42	7°49	26° 3	T 29
F 30	19 9 33	16♋59'39	9♊58	10♌45	0♌ 3	28♍54	15♒ 6	15♎37	1♑18	22♊ 2	22♓42	0♍18	1♍39	7♊56	26♒ 1	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	12n54	4s53	23n11	0n31	23n50	0n27	7n14	0n52	16s33	0s47	3s36	2n38	23s45	0s17	21n56	1s16	17s23	15s50	10n35	10n22	16n 4	6s40	6n21
F 2	23 8	15 33	5 1	23 34	0 41	23 55	0 30	7 1	0 51	16 34	0 47	3 36	2 38	23 45	0 17	21 56	1 16	17 24	15 51	10 40	10 23	16 5	6 40	6 21
S 3	23 12	17 32	4 56	23 55	0 50	23 59	0 32	6 49	0 50	16 35	0 47	3 36	2 38	23 45	0 17	21 56	1 16	17 24	15 51	10 44	10 24	16 6	6 40	6 21
S 4	23 16	18 47	4 37	24 13	0 59	24 3	0 34	6 36	0 48	16 35	0 48	3 36	2 38	23 45	0 17	21 56	1 16	17 24	15 51	10 49	10 25	16 7	6 40	6 22
M 5	23 19	19 12	4 7	24 29	1 8	24 6	0 36	6 24	0 47	16 36	0 48	3 36	2 37	23 45	0 17	21 56	1 16	17 24	15 52	10 53	10 26	16 8	6 40	6 22
T 6	23 22	18 45	3 25	24 42	1 15	24 8	0 39	6 11	0 46	16 37	0 48	3 36	2 37	23 45	0 17	21 56	1 16	17 25	15 52	10 56	10 27	16 10	6 40	6 22
W 7	23 24	17 26	2 33	24 51	1 22	24 9	0 41	5 58	0 45	16 38	0 48	3 36	2 37	23 45	0 17	21 57	1 16	17 25	15 53	10 58	10 29	16 11	6 40	6 23
T 8	23 26	15 18	1 34	24 58	1 29	24 10	0 43	5 45	0 43	16 39	0 49	3 37	2 37	23 45	0 17	21 57	1 16	17 25	15 53	11 0	10 30	16 12	6 40	6 23
F 9	23 27	12 25	0 28	25 3	1 35	24 10	0 45	5 32	0 42	16 40	0 49	3 37	2 36	23 45	0 17	21 57	1 16	17 25	15 53	11 0	10 31	16 13	6 40	6 23
S 10	23 29	8 53	0n40	25 4	1 40	24 10	0 47	5 19	0 41	16 41	0 49	3 37	2 36	23 45	0 17	21 57	1 16	17 26	15 54	11 0	10 32	16 14	6 40	6 24
S 11	23 29	4 51	1 47	25 3	1 44	24 8	0 49	5 6	0 40	16 42	0 49	3 37	2 36	23 45	0 17	21 57	1 16	17 26	15 54	11 0	10 33	16 16	6 40	6 24
M12	23 30	0 28	2 51	24 59	1 48	24 6	0 51	4 53	0 38	16 43	0 50	3 38	2 36	23 45	0 17	21 57	1 16	17 26	15 54	11 0	10 34	16 17	6 40	6 24
T 13	23 29	4s 3	3 47	24 52	1 50	24 3	0 53	4 39	0 37	16 44	0 50	3 38	2 35	23 45	0 17	21 57	1 16	17 27	15 55	11 0	10 35	16 18	6 40	6 25
W14	23 29	8 29	4 30	24 43	1 52	24 0	0 55	4 26	0 36	16 45	0 50	3 39	2 35	23 45	0 17	21 58	1 16	17 27	15 55	11 2	10 37	16 19	6 41	6 25
T 15	23 28	12 31	4 57	24 32	1 54	23 56	0 57	4 13	0 35	16 47	0 50	3 39	2 35	23 46	0 17	21 58	1 16	17 27	15 56	11 4	10 38	16 20	6 41	6 25
F 16	23 27	15 51	5 5	24 19	1 54	23 51	0 59	3 59	0 33	16 48	0 51	3 40	2 34	23 46	0 17	21 58	1 16	17 28	15 56	11 6	10 39	16 22	6 41	6 25
S 17	23 25	18 8	4 51	24 3	1 54	23 45	1 1	3 45	0 32	16 50	0 51	3 40	2 34	23 46	0 17	21 58	1 16	17 28	15 56	11 9	10 40	16 23	6 41	6 26
S 18	23 23	19 10	4 17	23 46	1 54	23 39	1 2	3 32	0 31	16 51	0 51	3 41	2 34	23 46	0 17	21 58	1 16	17 29	15 57	11 12	10 41	16 24	6 42	6 26
M19	23 20	18 49	3 26	23 26	1 52	23 32	1 4	3 18	0 30	16 52	0 51	3 41	2 34	23 46	0 17	21 58	1 16	17 29	15 57	11 15	10 42	16 25	6 42	6 26
T 20	23 17	17 12	2 22	23 5	1 50	23 24	1 6	3 4	0 29	16 54	0 52	3 42	2 33	23 46	0 17	21 58	1 16	17 29	15 57	11 16	10 43	16 26	6 42	6 26
W21	23 14	14 32	1 10	22 43	1 48	23 15	1 7	2 50	0 28	16 56	0 52	3 43	2 33	23 46	0 17	21 59	1 16	17 30	15 58	11 17	10 45	16 27	6 42	6 27
T 22	23 10	11 8	0s 3	22 19	1 44	23 6	1 9	2 36	0 27	16 57	0 52	3 43	2 33	23 46	0 17	21 59	1 16	17 30	15 58	11 17	10 46	16 29	6 43	6 27
F 23	23 5	7 15	1 14	21 54	1 40	22 56	1 10	2 22	0 25	16 59	0 52	3 44	2 33	23 46	0 17	21 59	1 16	17 31	15 58	11 17	10 47	16 30	6 43	6 27
S 24	23 1	3 9	2 19	21 28	1 36	22 46	1 12	2 8	0 24	17 1	0 52	3 45	2 32	23 46	0 17	21 59	1 16	17 31	15 59	11 17	10 48	16 31	6 44	6 28
S 25	22 56	0n58	3 16	21 0	1 31	22 35	1 13	1 54	0 23	17 2	0 53	3 46	2 32	23 46	0 17	21 59	1 16	17 31	15 59	11 17	10 49	16 32	6 44	6 28
M26	22 50	4 56	4 2	20 32	1 26	22 23	1 15	1 40	0 22	17 4	0 53	3 47	2 32	23 46	0 17	21 59	1 16	17 32	16 0	11 17	10 50	16 33	6 44	6 28
T 27	22 44	8 38	4 37	20 3	1 20	22 10	1 16	1 26	0 21	17 6	0 53	3 48	2 32	23 46	0 17	21 59	1 16	17 32	16 0	11 18	10 51	16 34	6 45	6 28
W28	22 38	11 58	4 59	19 33	1 13	21 57	1 17	1 11	0 20	17 8	0 53	3 48	2 31	23 46	0 17	21 59	1 16	17 33	16 0	11 19	10 52	16 36	6 45	6 28
T 29	22 32	14 47	5 8	19 3	1 6	21 44	1 19	0 57	0 19	17 10	0 54	3 49	2 31	23 46	0 17	22 0	1 16	17 33	16 1	11 21	10 54	16 37	6 46	6 29
F 30	22n25	16n59	5s 4	18n31	0n59	21n29	1n20	0n43	0n18	17s12	0s54	3s50	2n31	23s46	0s17	22n 0	1s16	17s34	16s 1	11n24	10n55	16n38	6s46	6n29

Julian Day Number = 2294651.5, Delta T = 137.75 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'44, Lahiri = 17°51'45 Julian Calendar 1 June 1570 == Greg. Calendar 11 June 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

JULY 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 13 29	17♋56'53	21♊53	12♌11	1♌16	29♍28	15°R 0	15♎39	1°R16	22♊ 4	22°R42	0°R10	1♍36	8♊ 2	25°R58	S 1
S 2	19 17 26	18°54'08	3♋52	13°36	2°30	0♎ 2	14♒54	15°41	1♑13	22° 6	22♓41	0♍ 2	1°32	8° 9	25♒56	S 2
M 3	19 21 22	19°51'24	15°58	14°58	3°44	0°36	14°48	15°44	1°11	22° 8	22°41	29♌56	1°29	8°16	25°54	M 3
T 4	19 25 19	20°48'40	28°12	16°18	4°57	1°11	14°41	15°46	1° 9	22°10	22°40	29°50	1°26	8°23	25°52	T 4
W 5	19 29 15	21°45'56	10♌35	17°36	6°11	1°45	14°35	15°49	1° 7	22°12	22°40	29°47	1°23	8°29	25°49	W 5
T 6	19 33 12	22°43'13	23° 9	18°52	7°25	2°20	14°28	15°51	1° 5	22°14	22°39	29°45	1°20	8°36	25°47	T 6
F 7	19 37 8	23°40'31	5♍55	20° 6	8°38	2°54	14°21	15°54	1° 2	22°16	22°39	29°D45	1°17	8°43	25°44	F 7
S 8	19 41 5	24°37'49	18°54	21°17	9°52	3°29	14°15	15°57	1° 0	22°18	22°38	29°46	1°13	8°50	25°42	S 8
S 9	19 45 2	25°35'07	2♎ 8	22°25	11° 6	4° 4	14° 8	16° 0	0°58	22°20	22°38	29°48	1°10	8°56	25°39	S 9
M10	19 48 58	26°32'26	15°39	23°31	12°19	4°39	14° 1	16° 3	0°56	22°22	22°37	29°49	1° 7	9° 3	25°37	M10
T 11	19 52 55	27°29'45	29°29	24°34	13°33	5°15	13°53	16° 6	0°54	22°24	22°37	29°R49	1° 4	9°10	25°34	T 11
W12	19 56 51	28°27'04	13♏36	25°35	14°47	5°50	13°46	16° 9	0°52	22°26	22°36	29°48	1° 1	9°16	25°32	W12
T 13	20 0 48	29°24'24	28° 1	26°33	16° 0	6°26	13°39	16°12	0°50	22°27	22°35	29°46	0°57	9°23	25°29	T 13
F 14	20 4 44	0♌21'45	12♐39	27°28	17°14	7° 1	13°31	16°15	0°48	22°29	22°35	29°43	0°54	9°30	25°26	F 14
S 15	20 8 41	1°19'06	27°25	28°19	18°28	7°37	13°24	16°19	0°46	22°31	22°34	29°39	0°51	9°37	25°24	S 15
S 16	20 12 37	2°16'28	12♑13	29° 8	19°41	8°13	13°17	16°22	0°44	22°33	22°33	29°35	0°48	9°43	25°21	S 16
M17	20 16 34	3°13'50	26°54	29°52	20°55	8°49	13° 9	16°26	0°42	22°35	22°33	29°32	0°45	9°50	25°18	M17
T 18	20 20 31	4°11'14	11♒22	0♍34	22° 8	9°25	13° 1	16°29	0°40	22°37	22°32	29°30	0°42	9°57	25°16	T 18
W19	20 24 27	5° 8'38	25°30	1°11	23°22	10° 1	12°54	16°33	0°38	22°38	22°31	29°D29	0°38	10° 4	25°13	W19
T 20	20 28 24	6° 6'04	9♓15	1°45	24°36	10°37	12°46	16°37	0°36	22°40	22°31	29°29	0°35	10°10	25°10	T 20
F 21	20 32 20	7° 3'30	22°36	2°15	25°49	11°14	12°38	16°41	0°34	22°42	22°30	29°30	0°32	10°17	25° 7	F 21
S 22	20 36 17	8° 0'58	5♈34	2°40	27° 3	11°50	12°30	16°45	0°33	22°43	22°29	29°32	0°29	10°24	25° 4	S 22
S 23	20 40 13	8°58'27	18°10	3° 1	28°16	12°27	12°23	16°49	0°31	22°45	22°28	29°33	0°26	10°30	25° 1	S 23
M24	20 44 10	9°55'58	0♉29	3°17	29°30	13° 4	12°15	16°53	0°29	22°47	22°27	29°34	0°23	10°37	24°58	M24
T 25	20 48 6	10°53'30	12°35	3°28	0♍43	13°41	12° 7	16°57	0°28	22°48	22°27	29°R35	0°19	10°44	24°55	T 25
W26	20 52 3	11°51'03	24°32	3°34	1°57	14°18	11°59	17° 1	0°26	22°50	22°26	29°34	0°16	10°51	24°53	W26
T 27	20 56 0	12°48'38	6♊25	3°R35	3°11	14°55	11°51	17° 6	0°24	22°52	22°25	29°33	0°13	10°57	24°50	T 27
F 28	20 59 56	13°46'14	18°18	3°30	4°24	15°32	11°44	17°10	0°23	22°53	22°24	29°31	0°10	11° 4	24°47	F 28
S 29	21 3 53	14°43'52	0♋15	3°20	5°38	16°10	11°36	17°15	0°21	22°55	22°23	29°29	0° 7	11°11	24°44	S 29
S 30	21 7 49	15°41'31	12°20	3° 5	6°51	16°47	11°28	17°19	0°20	22°56	22°22	29°27	0° 3	11°17	24°41	S 30
M31	21 11 46	16♌39'12	24♋35	2♍43	8♍ 5	17♎25	11♒20	17♎24	0♑18	22♊58	22♓21	29♌25	0♍ 0	11♊24	24♒38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n17	18n28	4s47	18n 0	0n51	21n14	1n21	0n28	0n17	17s14	0s54	3s52	2n31	23s46	0s17	22n 0	1s16	17s34	16s 1	11n26	10n56	16n39	6s47	6n29
S 2	22 9	19 10	4 17	17 28	0 43	20 59	1 22	0 14	0 16	17 16	0 54	3 53	2 30	23 46	0 17	22 0	1 16	17 35	16 2	11 29	10 57	16 40	6 47	6 29
M 3	22 1	18 59	3 35	16 56	0 34	20 42	1 23	0s 1	0 15	17 18	0 54	3 54	2 30	23 46	0 17	22 0	1 16	17 35	16 2	11 31	10 58	16 41	6 48	6 30
T 4	21 53	17 54	2 43	16 23	0 25	20 26	1 24	0 16	0 14	17 20	0 55	3 55	2 30	23 46	0 17	22 0	1 16	17 36	16 2	11 33	10 59	16 42	6 48	6 30
W 5	21 44	15 59	1 42	15 51	0 16	20 8	1 25	0 30	0 13	17 22	0 55	3 56	2 30	23 46	0 17	22 0	1 16	17 36	16 3	11 35	11 0	16 43	6 49	6 30
T 6	21 34	13 16	0 36	15 18	0 6	19 50	1 26	0 45	0 12	17 24	0 55	3 57	2 29	23 46	0 17	22 0	1 16	17 37	16 3	11 35	11 2	16 45	6 50	6 30
F 7	21 25	9 53	0n34	14 45	0s 4	19 32	1 26	1 0	0 11	17 26	0 55	3 59	2 29	23 46	0 17	22 0	1 16	17 37	16 3	11 35	11 3	16 46	6 50	6 30
S 8	21 15	5 58	1 43	14 13	0 14	19 13	1 27	1 14	0 10	17 29	0 55	4 0	2 29	23 46	0 17	22 1	1 16	17 38	16 4	11 35	11 4	16 47	6 51	6 30
S 9	21 4	1 43	2 48	13 41	0 25	18 53	1 28	1 29	0 9	17 31	0 56	4 1	2 29	23 46	0 17	22 1	1 16	17 38	16 4	11 34	11 5	16 48	6 52	6 31
M10	20 54	2s43	3 45	13 9	0 36	18 33	1 28	1 44	0 8	17 33	0 56	4 3	2 28	23 46	0 17	22 1	1 16	17 39	16 4	11 34	11 6	16 49	6 52	6 31
T 11	20 42	7 6	4 30	12 37	0 47	18 13	1 29	1 59	0 7	17 35	0 56	4 4	2 28	23 46	0 17	22 1	1 16	17 39	16 5	11 34	11 7	16 50	6 53	6 31
W12	20 31	11 11	5 0	12 6	0 58	17 51	1 29	2 14	0 6	17 38	0 56	4 5	2 28	23 46	0 17	22 1	1 16	17 40	16 5	11 34	11 8	16 51	6 54	6 31
T 13	20 19	14 41	5 12	11 36	1 10	17 30	1 30	2 29	0 5	17 40	0 56	4 7	2 28	23 46	0 17	22 1	1 16	17 40	16 5	11 35	11 9	16 52	6 54	6 31
F 14	20 7	17 20	5 5	11 6	1 22	17 8	1 30	2 44	0 4	17 42	0 57	4 8	2 27	23 46	0 17	22 1	1 16	17 41	16 6	11 36	11 11	16 54	6 55	6 31
S 15	19 55	18 51	4 37	10 37	1 33	16 45	1 30	2 59	0 3	17 45	0 57	4 10	2 27	23 46	0 17	22 1	1 16	17 41	16 6	11 37	11 12	16 55	6 56	6 32
S 16	19 42	19 6	3 51	10 9	1 46	16 22	1 30	3 14	0 2	17 47	0 57	4 11	2 27	23 46	0 17	22 1	1 16	17 42	16 6	11 39	11 13	16 56	6 57	6 32
M17	19 29	18 3	2 49	9 42	1 58	15 59	1 30	3 29	0 1	17 49	0 57	4 13	2 27	23 46	0 17	22 1	1 16	17 42	16 6	11 40	11 14	16 57	6 57	6 32
T 18	19 15	15 50	1 38	9 16	2 10	15 35	1 30	3 44	0 0	17 51	0 57	4 15	2 26	23 46	0 17	22 1	1 16	17 43	16 7	11 40	11 15	16 58	6 58	6 32
W19	19 1	12 42	0 22	8 52	2 22	15 11	1 30	3 59	0s 1	17 54	0 57	4 16	2 26	23 46	0 17	22 2	1 16	17 43	16 7	11 41	11 16	16 59	6 59	6 32
T 20	18 47	8 57	0s54	8 28	2 34	14 46	1 30	4 14	0 2	17 56	0 58	4 18	2 26	23 46	0 17	22 2	1 16	17 44	16 7	11 41	11 17	17 0	7 0	6 32
F 21	18 33	4 50	2 4	8 6	2 46	14 21	1 30	4 30	0 3	17 58	0 58	4 20	2 26	23 46	0 17	22 2	1 16	17 45	16 8	11 40	11 18	17 1	7 1	6 32
S 22	18 18	0 38	3 6	7 46	2 58	13 56	1 30	4 45	0 3	18 1	0 58	4 21	2 26	23 46	0 17	22 2	1 16	17 45	16 8	11 40	11 20	17 2	7 2	6 32
S 23	18 3	3n29	3 57	7 28	3 10	13 30	1 29	5 0	0 4	18 3	0 58	4 23	2 25	23 46	0 17	22 2	1 16	17 46	16 8	11 39	11 21	17 3	7 3	6 32
M24	17 48	7 22	4 36	7 11	3 22	13 4	1 29	5 15	0 5	18 6	0 58	4 25	2 25	23 46	0 17	22 2	1 16	17 46	16 8	11 39	11 22	17 5	7 3	6 32
T 25	17 32	10 51	5 2	6 57	3 33	12 37	1 29	5 30	0 6	18 8	0 58	4 27	2 25	23 46	0 17	22 2	1 16	17 47	16 9	11 39	11 23	17 6	7 4	6 32
W26	17 16	13 52	5 14	6 44	3 44	12 10	1 28	5 45	0 7	18 10	0 58	4 28	2 25	23 46	0 17	22 2	1 16	17 47	16 9	11 39	11 24	17 7	7 5	6 32
T 27	17 0	16 17	5 13	6 35	3 54	11 43	1 27	6 1	0 8	18 12	0 58	4 30	2 24	23 46	0 17	22 2	1 16	17 48	16 9	11 39	11 25	17 8	7 6	6 32
F 28	16 44	18 1	4 59	6 27	4 4	11 16	1 27	6 16	0 9	18 15	0 59	4 32	2 24	23 46	0 17	22 2	1 16	17 49	16 9	11 40	11 26	17 9	7 7	6 33
S 29	16 27	18 58	4 31	6 23	4 13	10 48	1 26	6 31	0 10	18 17	0 59	4 34	2 24	23 46	0 17	22 2	1 16	17 49	16 10	11 41	11 27	17 10	7 8	6 33
S 30	16 10	19 5	3 52	6 21	4 20	10 20	1 25	6 46	0 10	18 19	0 59	4 36	2 24	23 46	0 17	22 2	1 16	17 50	16 10	11 42	11 29	17 11	7 9	6 33
M31	15n53	18n17	3s 1	6n22	4s27	9n52	1n24	7s 1	0s11	18s22	0s59	4s38	2n24	23s46	0s17	22n 2	1s16	17s50	16s10	11n42	11n30	17n12	7s10	6n33

Julian Day Number = 2294681.5, Delta T = 137.59 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'48, Lahiri = 17°51'49 Julian Calendar 1 July 1570 == Greg. Calendar 11 July 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

AUGUST 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 15 42	17♌36'54	7♌ 1	2°R17	9♍18	18♎ 2	11°R12	17♎29	0°R17	22♊59	22°R20	29°R23	29♌57	11♊31	24°R35	T 1
W 2	21 19 39	18°34'37	19°40	1♍45	10°32	18°40	11♒ 5	17°33	0♉16	23° 1	22♓19	29♌23	29°54	11°38	24♒32	W 2
T 3	21 23 35	19°32'22	2♍34	1° 8	11°45	19°18	10°57	17°38	0°14	23° 2	22°18	29°D23	29°51	11°44	24°28	T 3
F 4	21 27 32	20°30'08	15°41	0°27	12°59	19°56	10°49	17°43	0°13	23° 3	22°17	29°23	29°48	11°51	24°25	F 4
S 5	21 31 29	21°27'55	29° 1	29♌41	14°12	20°34	10°42	17°48	0°12	23° 5	22°16	29°23	29°44	11°58	24°22	S 5
S 6	21 35 25	22°25'43	12♎35	28°52	15°26	21°13	10°34	17°53	0°11	23° 6	22°15	29°24	29°41	12° 4	24°19	S 6
M 7	21 39 22	23°23'33	26°21	28° 0	16°39	21°51	10°27	17°58	0° 9	23° 7	22°14	29°25	29°38	12°11	24°16	M 7
T 8	21 43 18	24°21'24	10♏18	27° 7	17°52	22°29	10°19	18° 3	0° 8	23° 9	22°13	29°25	29°35	12°18	24°13	T 8
W 9	21 47 15	25°19'16	24°24	26°13	19° 6	23° 8	10°12	18° 9	0° 7	23°10	22°12	29°R25	29°32	12°25	24°10	W 9
T 10	21 51 11	26°17'09	8♐39	25°19	20°19	23°47	10° 5	18°14	0° 6	23°11	22°11	29°25	29°29	12°31	24° 7	T 10
F 11	21 55 8	27°15'04	22°59	24°27	21°33	24°25	9°57	18°19	0° 5	23°12	22°10	29°25	29°25	12°38	24° 4	F 11
S 12	21 59 4	28°13'00	7♑21	23°38	22°46	25° 4	9°50	18°25	0° 4	23°14	22° 9	29°25	29°22	12°45	24° 1	S 12
S 13	22 3 1	29°10'57	21°41	22°52	23°59	25°43	9°43	18°30	0° 4	23°15	22° 8	29°D25	29°19	12°52	23°58	S 13
M14	22 6 58	0♍ 8'56	5♒55	22°11	25°13	26°22	9°36	18°36	0° 3	23°16	22° 7	29°25	29°16	12°58	23°55	M14
T 15	22 10 54	1° 6'56	19°59	21°36	26°26	27° 1	9°30	18°42	0° 2	23°17	22° 6	29°25	29°13	13° 5	23°52	T 15
W16	22 14 51	2° 4'58	3♓49	21° 7	27°39	27°41	9°23	18°47	0° 1	23°18	22° 5	29°R25	29° 9	13°12	23°49	W16
T 17	22 18 47	3° 3'01	17°21	20°45	28°53	28°20	9°16	18°53	0° 1	23°19	22° 3	29°25	29° 6	13°18	23°46	T 17
F 18	22 22 44	4° 1'07	0♈35	20°32	0♎ 6	28°59	9°10	18°59	29♗59	23°20	22° 2	29°24	29° 3	13°25	23°43	F 18
S 19	22 26 40	4°59'13	13°29	20°D26	1°19	29°39	9° 4	19° 5	29°59	23°21	22° 1	29°24	29° 0	13°32	23°40	S 19
S 20	22 30 37	5°57'22	26° 5	20°30	2°32	0♏18	8°57	19°10	29°59	23°22	22° 0	29°23	28°57	13°39	23°37	S 20
M21	22 34 33	6°55'33	8♉25	20°42	3°46	0°58	8°51	19°16	29°58	23°23	21°59	29°22	28°54	13°45	23°34	M21
T 22	22 38 30	7°53'46	20°32	21° 2	4°59	1°38	8°45	19°22	29°58	23°24	21°58	29°21	28°50	13°52	23°31	T 22
W23	22 42 26	8°52'01	2♊30	21°32	6°12	2°18	8°40	19°28	29°57	23°25	21°57	29°21	28°47	13°59	23°28	W23
T 24	22 46 23	9°50'18	14°24	22°10	7°25	2°58	8°34	19°35	29°57	23°25	21°55	29°D21	28°44	14° 5	23°25	T 24
F 25	22 50 20	10°48'37	26°17	22°56	8°38	3°38	8°28	19°41	29°57	23°26	21°54	29°21	28°41	14°12	23°22	F 25
S 26	22 54 16	11°46'58	8♋15	23°50	9°52	4°18	8°23	19°47	29°57	23°27	21°53	29°22	28°38	14°19	23°20	S 26
S 27	22 58 13	12°45'22	20°22	24°51	11° 5	4°58	8°18	19°53	29°56	23°28	21°52	29°23	28°34	14°26	23°17	S 27
M28	23 2 9	13°43'47	2♌42	26° 0	12°18	5°39	8°13	19°59	29°56	23°28	21°51	29°25	28°31	14°32	23°14	M28
T 29	23 6 6	14°42'15	15°18	27°15	13°31	6°19	8° 8	20° 6	29°56	23°29	21°49	29°26	28°28	14°39	23°11	T 29
W30	23 10 2	15°40'44	28°12	28°35	14°44	7° 0	8° 3	20°12	29°D56	23°30	21°48	29°R26	28°25	14°46	23° 8	W30
T 31	23 13 59	16♍39'15	11♍25	0♍ 1	15♎57	7♏40	7♒59	20♎19	29♗56	23♊30	21♓47	29♌26	28♌22	14♊52	23♒ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n35	16n37	2s 1	6n26	4s33	9n23	1n23	7s17	0s12	18s24	0s59	4s40	2n23	23s46	0s17	22n 2	1s16	17s51	16s10	11n43	11n31	17n13	7s11	6n33
W 2	15 18	14 6	0 53	6 33	4 38	8 54	1 22	7 32	0 13	18 26	0 59	4 42	2 23	23 46	0 17	22 2	1 16	17 52	16 11	11 43	11 32	17 14	7 12	6 33
T 3	15 0	10 52	0n18	6 43	4 41	8 25	1 21	7 47	0 14	18 28	0 59	4 44	2 23	23 46	0 17	22 2	1 16	17 52	16 11	11 43	11 33	17 15	7 13	6 33
F 4	14 41	7 2	1 29	6 57	4 42	7 56	1 20	8 2	0 15	18 30	0 59	4 46	2 23	23 46	0 17	22 2	1 16	17 53	16 11	11 43	11 34	17 16	7 14	6 33
S 5	14 23	2 47	2 37	7 13	4 42	7 27	1 19	8 17	0 15	18 33	0 59	4 48	2 23	23 46	0 17	22 3	1 16	17 53	16 11	11 43	11 35	17 17	7 15	6 33
S 6	14 4	1s39	3 37	7 32	4 39	6 57	1 18	8 32	0 16	18 35	0 59	4 50	2 22	23 46	0 17	22 3	1 16	17 54	16 12	11 42	11 36	17 18	7 16	6 32
M 7	13 45	6 3	4 26	7 53	4 35	6 27	1 16	8 48	0 17	18 37	0 59	4 52	2 22	23 46	0 17	22 3	1 16	17 54	16 12	11 42	11 38	17 19	7 17	6 32
T 8	13 26	10 12	5 0	8 17	4 29	5 57	1 15	9 3	0 18	18 39	1 0	4 55	2 22	23 46	0 17	22 3	1 16	17 55	16 12	11 42	11 39	17 20	7 18	6 32
W 9	13 7	13 48	5 16	8 42	4 22	5 27	1 13	9 18	0 19	18 41	1 0	4 57	2 22	23 46	0 17	22 3	1 16	17 56	16 12	11 42	11 40	17 22	7 19	6 32
T 10	12 47	16 38	5 13	9 9	4 12	4 56	1 12	9 33	0 19	18 43	1 0	4 59	2 22	23 46	0 17	22 3	1 16	17 56	16 12	11 42	11 41	17 23	7 20	6 32
F 11	12 27	18 28	4 51	9 37	4 0	4 26	1 10	9 48	0 20	18 45	1 0	5 1	2 22	23 46	0 17	22 3	1 16	17 57	16 12	11 42	11 42	17 24	7 21	6 32
S 12	12 7	19 7	4 10	10 6	3 47	3 55	1 8	10 3	0 21	18 47	1 0	5 3	2 21	23 46	0 17	22 3	1 17	17 57	16 13	11 42	11 43	17 25	7 22	6 32
S 13	11 47	18 33	3 14	10 34	3 33	3 25	1 7	10 18	0 22	18 49	1 0	5 6	2 21	23 46	0 17	22 3	1 17	17 58	16 13	11 42	11 44	17 26	7 23	6 32
M14	11 27	16 47	2 7	11 3	3 17	2 54	1 5	10 33	0 22	18 51	1 0	5 8	2 21	23 46	0 17	22 3	1 17	17 59	16 13	11 42	11 45	17 27	7 24	6 32
T 15	11 6	14 2	0 52	11 30	3 0	2 23	1 3	10 48	0 23	18 53	1 0	5 10	2 21	23 46	0 17	22 3	1 17	17 59	16 13	11 42	11 46	17 28	7 26	6 32
W16	10 45	10 31	0s24	11 56	2 42	1 52	1 1	11 2	0 24	18 54	1 0	5 12	2 21	23 46	0 17	22 3	1 17	18 0	16 13	11 42	11 48	17 29	7 27	6 32
T 17	10 25	6 31	1 38	12 20	2 23	1 21	0 59	11 17	0 25	18 56	1 0	5 15	2 21	23 46	0 17	22 3	1 17	18 0	16 13	11 42	11 49	17 30	7 28	6 32
F 18	10 3	2 17	2 44	12 42	2 5	0 50	0 57	11 32	0 25	18 58	1 0	5 17	2 20	23 46	0 17	22 3	1 17	18 1	16 14	11 42	11 50	17 31	7 29	6 31
S 19	9 42	1n57	3 41	13 2	1 46	0 19	0 55	11 47	0 26	19 0	1 0	5 19	2 20	23 46	0 17	22 3	1 17	18 1	16 14	11 43	11 51	17 32	7 30	6 31
S 20	9 21	5 59	4 25	13 19	1 27	0s12	0 53	12 1	0 27	19 1	1 0	5 22	2 20	23 46	0 17	22 3	1 17	18 2	16 14	11 43	11 52	17 33	7 31	6 31
M21	8 59	9 40	4 56	13 33	1 8	0 44	0 51	12 16	0 28	19 3	1 0	5 24	2 20	23 46	0 17	22 3	1 17	18 3	16 14	11 43	11 53	17 34	7 32	6 31
T 22	8 38	12 54	5 13	13 43	0 50	1 15	0 48	12 31	0 28	19 5	1 0	5 27	2 20	23 46	0 17	22 3	1 17	18 3	16 14	11 43	11 54	17 35	7 33	6 31
W23	8 16	15 32	5 16	13 50	0 33	1 46	0 46	12 45	0 29	19 6	1 0	5 29	2 20	23 46	0 17	22 3	1 17	18 4	16 14	11 44	11 55	17 36	7 34	6 31
T 24	7 54	17 31	5 6	13 54	0 16	2 17	0 44	12 59	0 30	19 8	1 0	5 31	2 19	23 46	0 17	22 3	1 17	18 4	16 14	11 44	11 56	17 37	7 35	6 31
F 25	7 32	18 44	4 42	13 54	0 0	2 48	0 41	13 14	0 30	19 9	1 0	5 34	2 19	23 46	0 17	22 3	1 17	18 5	16 14	11 43	11 58	17 38	7 36	6 30
S 26	7 10	19 8	4 7	13 50	0n15	3 19	0 39	13 28	0 31	19 10	1 0	5 36	2 19	23 46	0 17	22 3	1 17	18 5	16 14	11 43	11 59	17 39	7 38	6 30
S 27	6 47	18 39	3 20	13 43	0 29	3 50	0 36	13 42	0 32	19 12	1 0	5 39	2 19	23 46	0 17	22 3	1 17	18 6	16 14	11 43	12 0	17 40	7 39	6 30
M28	6 25	17 17	2 22	13 32	0 42	4 21	0 34	13 57	0 32	19 13	1 0	5 41	2 19	23 46	0 17	22 3	1 17	18 6	16 15	11 42	12 1	17 41	7 40	6 30
T 29	6 2	15 3	1 17	13 17	0 53	4 52	0 31	14 11	0 33	19 14	1 0	5 44	2 19	23 46	0 17	22 3	1 17	18 7	16 15	11 42	12 2	17 42	7 41	6 30
W30	5 40	12 1	0 7	13 0	1 4	5 23	0 28	14 25	0 34	19 16	1 0	5 46	2 19	23 46	0 17	22 3	1 17	18 8	16 15	11 42	12 3	17 43	7 42	6 29
T 31	5n17	8n19	1n 6	12n38	1n14	5s54	0n26	14s39	0s34	19s17	1s 0	5s49	2n19	23s46	0s17	22n 3	1s17	18s 8	16s15	11n42	12n 4	17n44	7s43	6n29

Julian Day Number = 2294712.5, Delta T = 137.43 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'53, Lahiri = 17°51'53 Julian Calendar 1 Aug. 1570 == Greg. Calendar 11 Aug. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

SEPTEMBER 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 17 55	17♍37'49	24♍56	1♍32	17♎10	8♏21	7°R54	20♎25	29♐56	23♊31	21°R46	29°R25	28♌19	14♊59	23°R 3	F 1
S 2	23 21 52	18°36'24	8♎44	3° 6	18°23	9° 2	7♒50	20°31	29°56	23°31	21♓45	29♌22	28°15	15° 6	23♒ 0	S 2
S 3	23 25 49	19°35'01	22°45	4°44	19°36	9°43	7°46	20°38	29°56	23°32	21°43	29°20	28°12	15°13	22°58	S 3
M 4	23 29 45	20°33'40	6♏55	6°25	20°49	10°24	7°42	20°45	29°57	23°32	21°42	29°17	28° 9	15°19	22°55	M 4
T 5	23 33 42	21°32'20	21°10	8° 8	22° 2	11° 5	7°38	20°51	29°57	23°33	21°41	29°14	28° 6	15°26	22°53	T 5
W 6	23 37 38	22°31'03	5♐27	9°54	23°15	11°46	7°35	20°58	29°57	23°33	21°40	29°12	28° 3	15°33	22°50	W 6
T 7	23 41 35	23°29'47	19°42	11°41	24°28	12°28	7°31	21° 5	29°58	23°33	21°39	29°D12	28° 0	15°39	22°48	T 7
F 8	23 45 31	24°28'33	3♑52	13°29	25°41	13° 9	7°28	21°11	29°58	23°34	21°37	29°12	27°56	15°46	22°45	F 8
S 9	23 49 28	25°27'20	17°56	15°17	26°54	13°50	7°25	21°18	29°59	23°34	21°36	29°13	27°53	15°53	22°43	S 9
S 10	23 53 24	26°26'09	1♒52	17° 7	28° 7	14°32	7°22	21°25	29°59	23°34	21°35	29°14	27°50	16° 0	22°40	S 10
M11	23 57 21	27°25'00	15°39	18°56	29°20	15°14	7°20	21°32	29°59	23°34	21°34	29°16	27°47	16° 6	22°38	M11
T 12	0 1 18	28°23'53	29°16	20°46	0♏33	15°55	7°17	21°38	0♑ 0	23°35	21°33	29°R16	27°44	16°13	22°36	T 12
W13	0 5 14	29°22'48	12♓41	22°36	1°45	16°37	7°15	21°45	0° 1	23°35	21°31	29°16	27°40	16°20	22°33	W13
T 14	0 9 11	0♎21'44	25°53	24°25	2°58	17°19	7°13	21°52	0° 2	23°35	21°30	29°13	27°37	16°26	22°31	T 14
F 15	0 13 7	1°20'43	8♈51	26°14	4°11	18° 1	7°11	21°59	0° 2	23°35	21°29	29°10	27°34	16°33	22°29	F 15
S 16	0 17 4	2°19'43	21°36	28° 2	5°23	18°43	7°10	22° 6	0° 3	23°35	21°28	29° 4	27°31	16°40	22°27	S 16
S 17	0 21 0	3°18'46	4♉ 5	29°50	6°36	19°25	7° 8	22°13	0° 4	23°R35	21°27	28°58	27°28	16°47	22°25	S 17
M18	0 24 57	4°17'51	16°22	1♎37	7°49	20° 7	7° 7	22°20	0° 5	23°35	21°26	28°52	27°25	16°53	22°23	M18
T 19	0 28 53	5°16'58	28°27	3°24	9° 1	20°49	7° 6	22°27	0° 6	23°35	21°24	28°47	27°21	17° 0	22°21	T 19
W20	0 32 50	6°16'08	10♊24	5°10	10°14	21°32	7° 5	22°34	0° 7	23°35	21°23	28°42	27°18	17° 7	22°19	W20
T 21	0 36 46	7°15'20	22°17	6°55	11°27	22°14	7° 5	22°41	0° 8	23°35	21°22	28°39	27°15	17°13	22°17	T 21
F 22	0 40 43	8°14'34	4♋ 9	8°39	12°39	22°57	7° 4	22°48	0° 9	23°35	21°21	28°D38	27°12	17°20	22°15	F 22
S 23	0 44 40	9°13'50	16° 5	10°23	13°52	23°39	7° 4	22°55	0°10	23°34	21°20	28°38	27° 9	17°27	22°13	S 23
S 24	0 48 36	10°13'09	28°11	12° 6	15° 4	24°22	7°D 4	23° 3	0°12	23°34	21°19	28°39	27° 6	17°34	22°12	S 24
M25	0 52 33	11°12'30	10♌31	13°48	16°17	25° 5	7° 4	23°10	0°13	23°34	21°17	28°41	27° 2	17°40	22°10	M25
T 26	0 56 29	12°11'54	23°10	15°30	17°29	25°47	7° 4	23°17	0°14	23°34	21°16	28°R42	26°59	17°47	22° 8	T 26
W27	1 0 26	13°11'19	6♍12	17°10	18°42	26°30	7° 5	23°24	0°16	23°33	21°15	28°42	26°56	17°54	22° 7	W27
T 28	1 4 22	14°10'47	19°38	18°50	19°54	27°13	7° 6	23°31	0°17	23°33	21°14	28°40	26°53	18° 0	22° 5	T 28
F 29	1 8 19	15°10'17	3♎28	20°29	21° 6	27°56	7° 7	23°38	0°19	23°33	21°13	28°35	26°50	18° 7	22° 4	F 29
S 30	1 12 15	16♎ 9'50	17♎40	22♎ 8	22♏19	28♏40	7♒ 8	23♎46	0♑20	23♊32	21♓12	28♌29	26♌46	18♊14	22♒ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n54	4n 6	2n16	12n14	1n22	6s24	0n23	14s52	0s35	19s18	1s 0	5s51	2n18	23s46	0s17	22n 3	1s17	18s 9	16s15	11n42	12n 5	17n45	7s44	6n29
S 2	4 31	0s24	3 20	11 46	1 29	6 55	0 20	15 6	0 36	19 19	1 0	5 54	2 18	23 46	0 17	22 3	1 17	18 9	16 15	11 43	12 6	17 46	7 45	6 29
S 3	4 8	4 57	4 13	11 16	1 35	7 25	0 17	15 20	0 36	19 20	1 0	5 56	2 18	23 46	0 17	22 3	1 17	18 10	16 15	11 44	12 7	17 47	7 46	6 28
M 4	3 45	9 16	4 51	10 44	1 40	7 55	0 14	15 33	0 37	19 21	1 0	5 59	2 18	23 46	0 17	22 3	1 17	18 10	16 15	11 45	12 9	17 48	7 47	6 28
T 5	3 22	13 5	5 11	10 9	1 44	8 25	0 12	15 47	0 38	19 22	1 0	6 2	2 18	23 46	0 17	22 3	1 17	18 11	16 15	11 46	12 10	17 49	7 48	6 28
W 6	2 59	16 8	5 12	9 32	1 47	8 55	0 9	16 0	0 38	19 23	1 0	6 4	2 18	23 46	0 17	22 3	1 17	18 11	16 15	11 47	12 11	17 50	7 49	6 28
T 7	2 35	18 12	4 54	8 53	1 50	9 25	0 6	16 14	0 39	19 24	1 0	6 7	2 18	23 46	0 17	22 3	1 17	18 12	16 15	11 47	12 12	17 51	7 50	6 27
F 8	2 12	19 8	4 19	8 13	1 51	9 54	0 3	16 27	0 39	19 24	1 0	6 9	2 18	23 46	0 17	22 3	1 17	18 12	16 15	11 47	12 13	17 52	7 51	6 27
S 9	1 49	18 51	3 28	7 31	1 51	10 24	0s 0	16 40	0 40	19 25	1 0	6 12	2 18	23 46	0 17	22 3	1 17	18 13	16 15	11 46	12 14	17 52	7 52	6 27
S 10	1 25	17 26	2 25	6 48	1 51	10 53	0 3	16 53	0 41	19 26	1 0	6 15	2 17	23 46	0 17	22 3	1 17	18 13	16 15	11 46	12 15	17 53	7 53	6 27
M11	1 2	15 0	1 14	6 5	1 50	11 22	0 6	17 6	0 41	19 26	0 59	6 17	2 17	23 46	0 17	22 3	1 18	18 13	16 15	11 45	12 16	17 54	7 55	6 26
T 12	0 38	11 45	0 0	5 20	1 49	11 50	0 9	17 18	0 42	19 27	0 59	6 20	2 17	23 46	0 17	22 3	1 18	18 14	16 15	11 45	12 17	17 55	7 56	6 26
W13	0 15	7 56	1s13	4 35	1 47	12 18	0 13	17 31	0 42	19 27	0 59	6 23	2 17	23 46	0 17	22 3	1 18	18 14	16 15	11 45	12 18	17 56	7 57	6 26
T 14	0s 9	3 47	2 20	3 49	1 44	12 46	0 16	17 44	0 43	19 28	0 59	6 25	2 17	23 46	0 17	22 3	1 18	18 15	16 15	11 46	12 20	17 57	7 58	6 25
F 15	0 32	0n28	3 19	3 2	1 41	13 14	0 19	17 56	0 44	19 28	0 59	6 28	2 17	23 46	0 17	22 3	1 18	18 15	16 15	11 48	12 21	17 58	7 59	6 25
S 16	0 56	4 37	4 7	2 16	1 37	13 42	0 22	18 8	0 44	19 29	0 59	6 30	2 17	23 46	0 17	22 3	1 18	18 16	16 15	11 49	12 22	17 59	7 59	6 25
S 17	1 19	8 29	4 42	1 29	1 33	14 9	0 25	18 20	0 45	19 29	0 59	6 33	2 17	23 46	0 17	22 3	1 18	18 16	16 15	11 51	12 23	18 0	8 0	6 24
M18	1 43	11 55	5 3	0 42	1 29	14 35	0 28	18 32	0 45	19 29	0 59	6 36	2 17	23 46	0 17	22 3	1 18	18 17	16 15	11 54	12 24	18 1	8 1	6 24
T 19	2 6	14 49	5 11	0s 4	1 24	15 2	0 31	18 44	0 46	19 29	0 59	6 38	2 17	23 46	0 17	22 2	1 18	18 17	16 14	11 56	12 25	18 2	8 2	6 24
W20	2 30	17 2	5 4	0 51	1 19	15 28	0 35	18 56	0 46	19 29	0 59	6 41	2 17	23 46	0 17	22 2	1 18	18 17	16 14	11 57	12 26	18 3	8 3	6 23
T 21	2 53	18 32	4 45	1 38	1 13	15 54	0 38	19 7	0 47	19 30	0 59	6 44	2 17	23 46	0 17	22 2	1 18	18 18	16 14	11 58	12 27	18 4	8 4	6 23
F 22	3 17	19 13	4 13	2 24	1 8	16 19	0 41	19 19	0 47	19 30	0 59	6 46	2 17	23 46	0 17	22 2	1 18	18 18	16 14	11 59	12 28	18 5	8 5	6 23
S 23	3 40	19 2	3 30	3 10	1 2	16 44	0 44	19 30	0 48	19 30	0 59	6 49	2 17	23 46	0 17	22 2	1 18	18 18	16 14	11 59	12 29	18 6	8 6	6 22
S 24	4 3	18 0	2 38	3 56	0 56	17 9	0 47	19 41	0 48	19 29	0 59	6 52	2 16	23 46	0 17	22 2	1 18	18 19	16 14	11 58	12 30	18 6	8 7	6 22
M25	4 27	16 5	1 37	4 41	0 50	17 33	0 50	19 52	0 49	19 29	0 58	6 55	2 16	23 46	0 17	22 2	1 18	18 19	16 14	11 58	12 32	18 7	8 8	6 22
T 26	4 50	13 21	0 30	5 26	0 44	17 57	0 54	20 3	0 49	19 29	0 58	6 57	2 16	23 46	0 17	22 2	1 18	18 19	16 14	11 57	12 33	18 8	8 9	6 21
W27	5 13	9 53	0n40	6 11	0 37	18 20	0 57	20 14	0 50	19 29	0 58	7 0	2 16	23 46	0 17	22 2	1 18	18 20	16 14	11 57	12 34	18 9	8 10	6 21
T 28	5 36	5 49	1 51	6 55	0 31	18 43	1 0	20 24	0 50	19 29	0 58	7 3	2 16	23 46	0 17	22 2	1 18	18 20	16 14	11 58	12 35	18 10	8 10	6 20
F 29	5 59	1 19	2 56	7 39	0 24	19 5	1 3	20 34	0 51	19 28	0 58	7 5	2 16	23 46	0 17	22 2	1 18	18 20	16 13	11 59	12 36	18 11	8 11	6 20
S 30	6s22	3s22	3n53	8s22	0n18	19s27	1s 6	20s45	0s51	19s28	0s58	7s 8	2n16	23s46	0s17	22n 2	1s18	18s21	16s13	12n 2	12n37	18n12	8s12	6n20

Julian Day Number = 2294743.5, Delta T = 137.27 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°44'57, Lahiri = 17°51'57 Julian Calendar 1 Sept. 1570 == Greg. Calendar 11 Sept. 1570

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1570
geocentric

OCTOBER 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 16 12	17♎ 9'24	2♏ 8	23♎46	23♏31	29♏23	7♒ 9	23♎53	0♑22	23°R32	21°R11	28°R22	26♌43	18♊21	22°R 1	S 1
M 2	1 20 9	18° 9'00	16°48	25°23	24°43	0♐ 6	7°11	24° 0	0°23	23♊31	21♓10	28♌14	26°40	18°27	22♒ 0	M 2
T 3	1 24 5	19° 8'38	1♐29	27° 0	25°55	0°49	7°13	24° 7	0°25	23°31	21° 9	28° 6	26°37	18°34	21°58	T 3
W 4	1 28 2	20° 8'18	16° 7	28°35	27° 8	1°33	7°15	24°15	0°27	23°30	21° 8	28° 0	26°34	18°41	21°57	W 4
T 5	1 31 58	21° 8'00	0♑34	0♏11	28°20	2°16	7°17	24°22	0°28	23°30	21° 7	27°56	26°31	18°47	21°56	T 5
F 6	1 35 55	22° 7'44	14°47	1°45	29°32	3° 0	7°19	24°29	0°30	23°29	21° 6	27°54	26°27	18°54	21°55	F 6
S 7	1 39 51	23° 7'29	28°45	3°20	0♐44	3°44	7°22	24°36	0°32	23°28	21° 5	27°D54	26°24	19° 1	21°54	S 7
S 8	1 43 48	24° 7'16	12♒27	4°53	1°56	4°27	7°24	24°44	0°34	23°28	21° 4	27°55	26°21	19° 8	21°53	S 8
M 9	1 47 44	25° 7'04	25°54	6°26	3° 8	5°11	7°27	24°51	0°36	23°27	21° 3	27°R56	26°18	19°14	21°52	M 9
T 10	1 51 41	26° 6'55	9♓ 8	7°59	4°20	5°55	7°30	24°58	0°38	23°26	21° 2	27°55	26°15	19°21	21°51	T 10
W11	1 55 38	27° 6'46	22°10	9°31	5°32	6°39	7°34	25° 5	0°40	23°26	21° 1	27°52	26°11	19°28	21°51	W11
T 12	1 59 34	28° 6'40	5♈ 0	11° 2	6°44	7°23	7°37	25°13	0°42	23°25	21° 0	27°47	26° 8	19°34	21°50	T 12
F 13	2 3 31	29° 6'36	17°40	12°33	7°56	8° 7	7°41	25°20	0°44	23°24	20°59	27°39	26° 5	19°41	21°49	F 13
S 14	2 7 27	0♏ 6'33	0♉ 9	14° 3	9° 7	8°51	7°45	25°27	0°46	23°23	20°58	27°29	26° 2	19°48	21°49	S 14
S 15	2 11 24	1° 6'32	12°28	15°33	10°19	9°36	7°49	25°34	0°48	23°22	20°57	27°17	25°59	19°55	21°48	S 15
M16	2 15 20	2° 6'34	24°38	17° 3	11°31	10°20	7°53	25°41	0°51	23°21	20°56	27° 4	25°56	20° 1	21°48	M16
T 17	2 19 17	3° 6'37	6♊39	18°32	12°42	11° 4	7°58	25°49	0°53	23°20	20°56	26°52	25°52	20° 8	21°47	T 17
W18	2 23 13	4° 6'43	18°33	20° 0	13°54	11°49	8° 2	25°56	0°55	23°19	20°55	26°42	25°49	20°15	21°47	W18
T 19	2 27 10	5° 6'50	0♋24	21°28	15° 5	12°33	8° 7	26° 3	0°58	23°18	20°54	26°34	25°46	20°21	21°47	T 19
F 20	2 31 7	6° 7'00	12°14	22°55	16°17	13°18	8°12	26°10	1° 0	23°17	20°53	26°29	25°43	20°28	21°47	F 20
S 21	2 35 3	7° 7'11	24° 7	24°22	17°28	14° 2	8°17	26°17	1° 2	23°16	20°52	26°26	25°40	20°35	21°46	S 21
S 22	2 39 0	8° 7'25	6♌10	25°48	18°40	14°47	8°22	26°25	1° 5	23°15	20°52	26°D25	25°37	20°42	21°46	S 22
M23	2 42 56	9° 7'41	18°26	27°13	19°51	15°32	8°28	26°32	1° 7	23°14	20°51	26°25	25°33	20°48	21°D46	M23
T 24	2 46 53	10° 7'58	1♍ 1	28°38	21° 2	16°16	8°34	26°39	1°10	23°13	20°50	26°R25	25°30	20°55	21°46	T 24
W25	2 50 49	11° 8'18	14° 1	0♐ 2	22°13	17° 1	8°39	26°46	1°12	23°12	20°49	26°24	25°27	21° 2	21°46	W25
T 26	2 54 46	12° 8'40	27°29	1°25	23°24	17°46	8°46	26°53	1°15	23°11	20°49	26°21	25°24	21° 8	21°47	T 26
F 27	2 58 42	13° 9'03	11♎25	2°47	24°35	18°31	8°52	27° 0	1°18	23°10	20°48	26°15	25°21	21°15	21°47	F 27
S 28	3 2 39	14° 9'29	25°49	4° 8	25°46	19°16	8°58	27° 7	1°20	23° 8	20°47	26° 6	25°17	21°22	21°47	S 28
S 29	3 6 35	15° 9'56	10♏37	5°28	26°57	20° 1	9° 5	27°14	1°23	23° 7	20°47	25°55	25°14	21°29	21°47	S 29
M30	3 10 32	16°10'25	25°39	6°47	28° 8	20°47	9°11	27°21	1°26	23° 6	20°46	25°43	25°11	21°35	21°48	M30
T 31	3 14 29	17♏10'56	10♐46	8♐ 5	29♐19	21♐32	9♒18	27♎28	1♑29	23♊ 5	20♓46	25♌32	25♌ 8	21♊42	21♒48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s45	7s56	4n35	9s 5	0n11	19s49	1s 9	20s54	0s52	19s28	0s58	7s11	2n16	23s46	0s17	22n 2	1s18	18s21	16s13	12n 4	12n38	18n13	8s13	6n19
M 2	7 8	12 5	5 1	9 47	0 4	20 10	1 12	21 4	0 52	19 27	0 58	7 13	2 16	23 46	0 17	22 2	1 18	18 21	16 13	12 7	12 39	18 14	8 14	6 19
T 3	7 31	15 31	5 6	10 28	0s 3	20 30	1 15	21 14	0 53	19 27	0 58	7 16	2 16	23 46	0 17	22 2	1 18	18 22	16 13	12 10	12 40	18 15	8 14	6 19
W 4	7 53	17 56	4 51	11 9	0 10	20 50	1 18	21 23	0 53	19 26	0 58	7 19	2 16	23 46	0 17	22 2	1 18	18 22	16 13	12 12	12 41	18 15	8 15	6 18
T 5	8 16	19 11	4 19	11 49	0 16	21 9	1 21	21 33	0 54	19 25	0 58	7 21	2 16	23 46	0 17	22 2	1 18	18 22	16 12	12 13	12 42	18 16	8 16	6 18
F 6	8 38	19 11	3 30	12 28	0 23	21 28	1 24	21 42	0 54	19 25	0 58	7 24	2 16	23 46	0 17	22 2	1 18	18 22	16 12	12 14	12 44	18 17	8 17	6 17
S 7	9 0	18 1	2 30	13 7	0 30	21 46	1 27	21 50	0 55	19 24	0 57	7 27	2 16	23 46	0 17	22 2	1 18	18 23	16 12	12 14	12 45	18 18	8 17	6 17
S 8	9 23	15 48	1 22	13 45	0 37	22 4	1 30	21 59	0 55	19 23	0 57	7 29	2 16	23 46	0 17	22 2	1 18	18 23	16 12	12 13	12 46	18 19	8 18	6 17
M 9	9 45	12 45	0 11	14 23	0 43	22 21	1 33	22 7	0 56	19 22	0 57	7 32	2 16	23 46	0 17	22 1	1 18	18 23	16 12	12 13	12 47	18 20	8 19	6 16
T 10	10 6	9 5	1s 0	14 59	0 50	22 38	1 36	22 16	0 56	19 21	0 57	7 35	2 16	23 46	0 17	22 1	1 19	18 23	16 12	12 13	12 48	18 21	8 19	6 16
W11	10 28	5 2	2 6	15 35	0 57	22 54	1 39	22 24	0 56	19 20	0 57	7 37	2 16	23 46	0 17	22 1	1 19	18 23	16 11	12 14	12 49	18 22	8 20	6 15
T 12	10 50	0 50	3 4	16 10	1 3	23 9	1 41	22 32	0 57	19 19	0 57	7 40	2 16	23 46	0 17	22 1	1 19	18 24	16 11	12 16	12 50	18 22	8 20	6 15
F 13	11 11	3n22	3 53	16 45	1 10	23 23	1 44	22 39	0 57	19 18	0 57	7 42	2 16	23 46	0 17	22 1	1 19	18 24	16 11	12 19	12 51	18 23	8 21	6 14
S 14	11 32	7 21	4 29	17 18	1 16	23 38	1 47	22 47	0 58	19 17	0 57	7 45	2 16	23 46	0 17	22 1	1 19	18 24	16 11	12 23	12 52	18 24	8 22	6 14
S 15	11 53	10 58	4 52	17 51	1 22	23 51	1 49	22 54	0 58	19 16	0 57	7 48	2 16	23 46	0 17	22 1	1 19	18 24	16 11	12 27	12 53	18 25	8 22	6 14
M16	12 14	14 5	5 2	18 22	1 28	24 4	1 52	23 1	0 58	19 15	0 57	7 50	2 16	23 46	0 17	22 1	1 19	18 24	16 10	12 31	12 54	18 26	8 23	6 13
T 17	12 35	16 34	4 58	18 53	1 34	24 16	1 54	23 7	0 59	19 14	0 57	7 53	2 16	23 46	0 17	22 1	1 19	18 24	16 10	12 35	12 55	18 27	8 23	6 13
W18	12 55	18 20	4 41	19 23	1 40	24 27	1 57	23 14	0 59	19 12	0 56	7 55	2 16	23 46	0 17	22 1	1 19	18 24	16 10	12 38	12 56	18 28	8 24	6 12
T 19	13 15	19 18	4 12	19 52	1 45	24 38	1 59	23 20	1 0	19 11	0 56	7 58	2 16	23 46	0 17	22 1	1 19	18 25	16 10	12 41	12 58	18 28	8 24	6 12
F 20	13 35	19 25	3 32	20 20	1 51	24 48	2 2	23 26	1 0	19 10	0 56	8 1	2 16	23 46	0 17	22 1	1 19	18 25	16 9	12 43	12 59	18 29	8 25	6 11
S 21	13 55	18 40	2 43	20 46	1 56	24 57	2 4	23 32	1 0	19 8	0 56	8 3	2 16	23 46	0 17	22 1	1 19	18 25	16 9	12 44	13 0	18 30	8 25	6 11
S 22	14 15	17 4	1 45	21 12	2 1	25 6	2 6	23 38	1 1	19 7	0 56	8 6	2 16	23 46	0 17	22 0	1 19	18 25	16 9	12 44	13 1	18 31	8 26	6 11
M23	14 34	14 40	0 42	21 37	2 5	25 14	2 8	23 43	1 1	19 5	0 56	8 8	2 16	23 46	0 17	22 0	1 19	18 25	16 9	12 44	13 2	18 32	8 26	6 10
T 24	14 53	11 31	0n24	22 1	2 10	25 21	2 10	23 48	1 1	19 4	0 56	8 11	2 16	23 46	0 17	22 0	1 19	18 25	16 8	12 44	13 3	18 33	8 27	6 10
W25	15 12	7 43	1 32	22 23	2 14	25 28	2 12	23 53	1 2	19 2	0 56	8 13	2 16	23 46	0 17	22 0	1 19	18 25	16 8	12 45	13 4	18 33	8 27	6 9
T 26	15 31	3 24	2 37	22 44	2 18	25 34	2 14	23 57	1 2	19 0	0 56	8 16	2 17	23 46	0 17	22 0	1 19	18 25	16 8	12 46	13 5	18 34	8 27	6 9
F 27	15 49	1s14	3 34	23 5	2 22	25 39	2 16	24 2	1 2	18 59	0 56	8 18	2 17	23 46	0 17	22 0	1 19	18 25	16 7	12 48	13 6	18 35	8 28	6 8
S 28	16 7	5 58	4 20	23 23	2 25	25 43	2 18	24 6	1 3	18 57	0 56	8 21	2 17	23 46	0 17	22 0	1 19	18 25	16 7	12 51	13 7	18 36	8 28	6 8
S 29	16 25	10 27	4 50	23 41	2 28	25 47	2 19	24 10	1 3	18 55	0 55	8 23	2 17	23 46	0 17	22 0	1 19	18 25	16 7	12 54	13 8	18 37	8 28	6 8
M30	16 43	14 21	5 0	23 57	2 30	25 50	2 21	24 13	1 3	18 53	0 55	8 26	2 17	23 46	0 17	22 0	1 19	18 25	16 7	12 58	13 9	18 37	8 28	6 7
T 31	17s 0	17s19	4n50	24s12	2s32	25s52	2s22	24s17	1s 3	18s51	0s55	8s28	2n17	23s46	0s17	22n 0	1s19	18s25	16s 6	13n 2	13n10	18n38	8s29	6n 7

Julian Day Number = 2294773.5, Delta T = 137.11 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'01, Lahiri = 17°52'01 Julian Calendar 1 Oct. 1570 == Greg. Calendar 11 Oct. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

NOVEMBER 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 18 25	18♏11'28	25♐48	9♐21	0♑30	22♐17	9♒25	27♎35	1♑32	23°R 3	20°R45	25°R23	25♌ 5	21♊49	21♒49	W 1
T 2	3 22 22	19°12'01	10♑36	10°35	1°40	23° 3	9°32	27°42	1°34	23♊ 2	20♓44	25♌16	25° 2	21°55	21°50	T 2
F 3	3 26 18	20°12'36	25° 3	11°47	2°51	23°48	9°40	27°49	1°37	23° 0	20°44	25°12	24°58	22° 2	21°50	F 3
S 4	3 30 15	21°13'12	9♒ 8	12°57	4° 1	24°33	9°47	27°56	1°40	22°59	20°43	25°10	24°55	22° 9	21°51	S 4
S 5	3 34 11	22°13'49	22°49	14° 5	5°12	25°19	9°55	28° 3	1°43	22°58	20°43	25°10	24°52	22°15	21°52	S 5
M 6	3 38 8	23°14'27	6♓ 9	15°10	6°22	26° 5	10° 2	28°10	1°46	22°56	20°42	25°10	24°49	22°22	21°53	M 6
T 7	3 42 5	24°15'07	19°11	16°11	7°32	26°50	10°10	28°16	1°49	22°55	20°42	25° 8	24°46	22°29	21°54	T 7
W 8	3 46 1	25°15'47	1♈57	17° 9	8°42	27°36	10°18	28°23	1°52	22°53	20°42	25° 5	24°43	22°36	21°55	W 8
T 9	3 49 58	26°16'29	14°31	18° 3	9°52	28°22	10°27	28°30	1°55	22°52	20°41	24°58	24°39	22°42	21°56	T 9
F 10	3 53 54	27°17'11	26°54	18°51	11° 2	29° 7	10°35	28°37	1°58	22°50	20°41	24°48	24°36	22°49	21°57	F 10
S 11	3 57 51	28°17'55	9♉ 9	19°35	12°12	29°53	10°44	28°43	2° 2	22°49	20°40	24°36	24°33	22°56	21°58	S 11
S 12	4 1 47	29°18'41	21°16	20°12	13°21	0♑39	10°52	28°50	2° 5	22°47	20°40	24°21	24°30	23° 2	21°59	S 12
M13	4 5 44	0♐19'27	3♊18	20°43	14°31	1°25	11° 1	28°56	2° 8	22°46	20°40	24° 7	24°27	23° 9	22° 0	M13
T 14	4 9 40	1°20'15	15°14	21° 5	15°40	2°11	11°10	29° 3	2°11	22°44	20°40	23°52	24°23	23°16	22° 2	T 14
W15	4 13 37	2°21'04	27° 5	21°20	16°49	2°57	11°19	29° 9	2°14	22°43	20°39	23°40	24°20	23°23	22° 3	W15
T 16	4 17 34	3°21'55	8♋55	21°R25	17°59	3°43	11°28	29°16	2°17	22°41	20°39	23°29	24°17	23°29	22° 5	T 16
F 17	4 21 30	4°22'46	20°45	21°20	19° 8	4°29	11°38	29°22	2°21	22°40	20°39	23°22	24°14	23°36	22° 6	F 17
S 18	4 25 27	5°23'39	2♌38	21° 4	20°16	5°15	11°47	29°29	2°24	22°38	20°39	23°18	24°11	23°43	22° 8	S 18
S 19	4 29 23	6°24'34	14°39	20°38	21°25	6° 2	11°57	29°35	2°27	22°36	20°39	23°16	24° 8	23°49	22°10	S 19
M20	4 33 20	7°25'29	26°52	20° 0	22°34	6°48	12° 6	29°41	2°31	22°35	20°38	23°D16	24° 4	23°56	22°11	M20
T 21	4 37 16	8°26'26	9♍23	19°11	23°42	7°34	12°16	29°47	2°34	22°33	20°38	23°R16	24° 1	24° 3	22°13	T 21
W22	4 41 13	9°27'24	22°16	18°12	24°50	8°21	12°26	29°54	2°37	22°32	20°38	23°16	23°58	24° 9	22°15	W22
T 23	4 45 9	10°28'24	5♎36	17° 3	25°59	9° 7	12°36	29°59	2°41	22°30	20°38	23°13	23°55	24°16	22°17	T 23
F 24	4 49 6	11°29'24	19°27	15°48	27° 7	9°53	12°46	0♏ 6	2°44	22°28	20°38	23° 8	23°52	24°23	22°19	F 24
S 25	4 53 3	12°30'26	3♏47	14°27	28°14	10°40	12°57	0°12	2°48	22°27	20°D38	23° 1	23°48	24°30	22°21	S 25
S 26	4 56 59	13°31'29	18°35	13° 4	29°22	11°26	13° 7	0°18	2°51	22°25	20°38	22°51	23°45	24°36	22°23	S 26
M27	5 0 56	14°32'33	3♐43	11°42	0♒29	12°13	13°18	0°24	2°54	22°23	20°38	22°40	23°42	24°43	22°25	M27
T 28	5 4 52	15°33'37	19° 2	10°23	1°37	13° 0	13°28	0°29	2°58	22°21	20°38	22°30	23°39	24°50	22°27	T 28
W29	5 8 49	16°34'43	4♑21	9° 9	2°44	13°46	13°39	0°35	3° 1	22°20	20°38	22°21	23°36	24°56	22°29	W29
T 30	5 12 45	17♐35'49	19♑27	8♐ 4	3♒51	14♑33	13♒50	0♏41	3♑ 5	22♊18	20♓38	22♌14	23♌33	25♊ 3	22♒31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s17	19s 6	4n20	24s26	2s34	25s53	2s24	24s20	1s 4	18s49	0s55	8s31	2n17	23s46	0s17	22n 0	1s19	18s25	16s 6	13n 5	13n11	18n39	8s29	6n 6
T 2	17 34	19 33	3 32	24 38	2 35	25 54	2 25	24 22	1 4	18 47	0 55	8 33	2 17	23 46	0 17	22 0	1 19	18 25	16 6	13 8	13 13	18 40	8 29	6 6
F 3	17 50	18 41	2 32	24 49	2 35	25 54	2 26	24 25	1 4	18 45	0 55	8 35	2 17	23 45	0 17	21 59	1 19	18 25	16 5	13 9	13 14	18 41	8 29	6 5
S 4	18 6	16 40	1 24	24 58	2 35	25 53	2 27	24 27	1 4	18 43	0 55	8 38	2 17	23 45	0 17	21 59	1 19	18 25	16 5	13 10	13 15	18 41	8 30	6 5
S 5	18 22	13 45	0 12	25 6	2 34	25 52	2 29	24 29	1 5	18 41	0 55	8 40	2 17	23 45	0 17	21 59	1 19	18 25	16 5	13 10	13 16	18 42	8 30	6 5
M 6	18 37	10 10	0s58	25 12	2 33	25 50	2 29	24 31	1 5	18 39	0 55	8 42	2 17	23 45	0 17	21 59	1 19	18 25	16 5	13 10	13 17	18 43	8 30	6 4
T 7	18 53	6 11	2 3	25 16	2 31	25 47	2 30	24 32	1 5	18 37	0 55	8 45	2 17	23 45	0 17	21 59	1 19	18 24	16 4	13 10	13 18	18 44	8 30	6 4
W 8	19 7	1 59	3 1	25 19	2 27	25 43	2 31	24 34	1 5	18 34	0 55	8 47	2 17	23 45	0 17	21 59	1 19	18 24	16 4	13 12	13 19	18 44	8 30	6 3
T 9	19 22	2n13	3 49	25 20	2 23	25 39	2 32	24 35	1 6	18 32	0 55	8 49	2 18	23 45	0 17	21 59	1 19	18 24	16 4	13 14	13 20	18 45	8 30	6 3
F 10	19 36	6 16	4 25	25 19	2 18	25 34	2 32	24 35	1 6	18 30	0 55	8 52	2 18	23 45	0 17	21 59	1 19	18 24	16 3	13 17	13 21	18 46	8 30	6 2
S 11	19 50	10 1	4 49	25 17	2 12	25 28	2 33	24 36	1 6	18 27	0 54	8 54	2 18	23 45	0 17	21 59	1 19	18 24	16 3	13 21	13 22	18 47	8 30	6 2
S 12	20 3	13 18	4 59	25 13	2 5	25 21	2 33	24 36	1 6	18 25	0 54	8 56	2 18	23 45	0 17	21 59	1 19	18 24	16 3	13 26	13 23	18 48	8 30	6 2
M13	20 16	16 1	4 56	25 6	1 57	25 14	2 33	24 36	1 6	18 22	0 54	8 58	2 18	23 45	0 17	21 59	1 19	18 24	16 2	13 31	13 24	18 48	8 30	6 1
T 14	20 28	18 3	4 39	24 58	1 47	25 6	2 33	24 35	1 7	18 20	0 54	9 1	2 18	23 45	0 17	21 58	1 19	18 23	16 2	13 36	13 25	18 49	8 30	6 1
W15	20 41	19 17	4 11	24 48	1 36	24 58	2 33	24 34	1 7	18 17	0 54	9 3	2 18	23 45	0 17	21 58	1 19	18 23	16 2	13 40	13 26	18 50	8 30	6 0
T 16	20 53	19 40	3 32	24 36	1 23	24 49	2 33	24 33	1 7	18 15	0 54	9 5	2 18	23 45	0 17	21 58	1 19	18 23	16 1	13 43	13 27	18 51	8 30	6 0
F 17	21 4	19 12	2 43	24 22	1 9	24 39	2 33	24 32	1 7	18 12	0 54	9 7	2 18	23 45	0 17	21 58	1 19	18 23	16 1	13 46	13 28	18 51	8 30	5 59
S 18	21 15	17 53	1 47	24 5	0 54	24 28	2 32	24 31	1 7	18 9	0 54	9 9	2 19	23 45	0 17	21 58	1 19	18 23	16 1	13 47	13 29	18 52	8 30	5 59
S 19	21 26	15 45	0 46	23 47	0 37	24 17	2 32	24 29	1 7	18 7	0 54	9 11	2 19	23 45	0 17	21 58	1 19	18 22	16 0	13 47	13 31	18 53	8 30	5 59
M20	21 36	12 53	0n19	23 26	0 19	24 5	2 31	24 27	1 8	18 4	0 54	9 13	2 19	23 45	0 17	21 58	1 19	18 22	16 0	13 48	13 32	18 54	8 30	5 58
T 21	21 46	9 22	1 24	23 3	0n 0	23 53	2 31	24 24	1 8	18 1	0 54	9 15	2 19	23 45	0 17	21 58	1 19	18 22	16 0	13 48	13 33	18 54	8 29	5 58
W22	21 55	5 20	2 27	22 38	0 20	23 40	2 30	24 22	1 8	17 58	0 54	9 17	2 19	23 45	0 17	21 58	1 19	18 21	15 59	13 48	13 34	18 55	8 29	5 57
T 23	22 4	0 54	3 25	22 11	0 41	23 26	2 29	24 19	1 8	17 55	0 54	9 19	2 19	23 44	0 17	21 58	1 19	18 21	15 59	13 49	13 35	18 56	8 29	5 57
F 24	22 13	3s44	4 12	21 43	1 1	23 12	2 28	24 15	1 8	17 52	0 54	9 21	2 19	23 44	0 17	21 58	1 19	18 21	15 59	13 50	13 36	18 56	8 29	5 57
S 25	22 21	8 19	4 46	21 15	1 21	22 57	2 26	24 12	1 8	17 49	0 54	9 23	2 19	23 44	0 17	21 57	1 19	18 21	15 58	13 53	13 37	18 57	8 28	5 56
S 26	22 28	12 34	5 2	20 47	1 39	22 41	2 25	24 8	1 8	17 46	0 53	9 25	2 20	23 44	0 17	21 57	1 19	18 20	15 58	13 56	13 38	18 58	8 28	5 56
M27	22 36	16 5	4 57	20 19	1 56	22 25	2 23	24 4	1 8	17 43	0 53	9 27	2 20	23 44	0 17	21 57	1 19	18 20	15 58	13 59	13 39	18 59	8 28	5 55
T 28	22 43	18 32	4 31	19 53	2 12	22 9	2 22	24 0	1 9	17 40	0 53	9 29	2 20	23 44	0 17	21 57	1 19	18 20	15 57	14 3	13 40	18 59	8 27	5 55
W29	22 49	19 40	3 46	19 29	2 25	21 52	2 20	23 55	1 9	17 37	0 53	9 31	2 20	23 44	0 17	21 57	1 19	18 19	15 57	14 6	13 41	19 0	8 27	5 55
T 30	22s55	19s22	2n45	19s 8	2n36	21s34	2s18	23s50	1s 9	17s34	0s53	9s33	2n20	23s44	0s17	21n57	1s19	18s19	15s57	14n 8	13n42	19n 1	8s27	5n54

Julian Day Number = 2294804.5, Delta T = 136.95 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'05, Lahiri = 17°52'06 Julian Calendar 1 Nov. 1570 == Greg. Calendar 11 Nov. 1570

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ASTRODIENST EPHEMERIS for the year 1570
geocentric

DECEMBER 1570 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 16 42	18♐36'55	4♒12	7°R 8	4♒57	15♑20	14♒ 1	0♏47	3♑ 8	22°R16	20♓38	22°R11	23♌29	25♊10	22♒34	F 1
S 2	5 20 38	19°38'02	18°32	6♐22	6° 4	16° 6	14°12	0°52	3°12	22♊15	20°39	22°D 9	23°26	25°17	22°36	S 2
S 3	5 24 35	20°39'09	2♓24	5°47	7°10	16°53	14°23	0°58	3°15	22°13	20°39	22♌ 9	23°23	25°23	22°39	S 3
M 4	5 28 32	21°40'17	15°49	5°24	8°16	17°40	14°34	1° 3	3°19	22°11	20°39	22°R10	23°20	25°30	22°41	M 4
T 5	5 32 28	22°41'24	28°51	5°11	9°22	18°27	14°46	1° 9	3°23	22°10	20°39	22°10	23°17	25°37	22°44	T 5
W 6	5 36 25	23°42'32	11♈33	5°D 8	10°27	19°14	14°57	1°14	3°26	22° 8	20°39	22° 8	23°14	25°43	22°46	W 6
T 7	5 40 21	24°43'40	23°59	5°15	11°32	20° 1	15° 9	1°19	3°30	22° 6	20°40	22° 4	23°10	25°50	22°49	T 7
F 8	5 44 18	25°44'48	6♉12	5°30	12°37	20°48	15°20	1°24	3°33	22° 4	20°40	21°58	23° 7	25°57	22°52	F 8
S 9	5 48 14	26°45'56	18°17	5°54	13°42	21°35	15°32	1°29	3°37	22° 3	20°40	21°49	23° 4	26° 3	22°54	S 9
S 10	5 52 11	27°47'05	0♊16	6°25	14°46	22°22	15°44	1°35	3°40	22° 1	20°41	21°38	23° 1	26°10	22°57	S 10
M11	5 56 7	28°48'14	12°10	7° 2	15°50	23° 9	15°56	1°40	3°44	21°59	20°41	21°27	22°58	26°17	23° 0	M11
T 12	6 0 4	29°49'22	24° 2	7°45	16°54	23°56	16° 8	1°44	3°48	21°58	20°41	21°17	22°54	26°24	23° 3	T 12
W13	6 4 1	0♑50'32	5♋53	8°34	17°58	24°43	16°20	1°49	3°51	21°56	20°42	21° 7	22°51	26°30	23° 6	W13
T 14	6 7 57	1°51'41	17°45	9°27	19° 1	25°30	16°32	1°54	3°55	21°54	20°42	21° 0	22°48	26°37	23° 9	T 14
F 15	6 11 54	2°52'50	29°39	10°24	20° 4	26°17	16°45	1°59	3°58	21°53	20°43	20°55	22°45	26°44	23°12	F 15
S 16	6 15 50	3°54'00	11♌37	11°24	21° 6	27° 4	16°57	2° 3	4° 2	21°51	20°43	20°53	22°42	26°50	23°15	S 16
S 17	6 19 47	4°55'10	23°43	12°28	22° 8	27°51	17° 9	2° 8	4° 5	21°49	20°44	20°D52	22°39	26°57	23°18	S 17
M18	6 23 43	5°56'20	6♍ 0	13°35	23°10	28°38	17°22	2°12	4° 9	21°48	20°44	20°53	22°35	27° 4	23°21	M18
T 19	6 27 40	6°57'31	18°32	14°44	24°11	29°26	17°35	2°17	4°13	21°46	20°45	20°55	22°32	27°10	23°24	T 19
W20	6 31 36	7°58'41	1♎22	15°55	25°12	0♒13	17°47	2°21	4°16	21°44	20°45	20°56	22°29	27°17	23°27	W20
T 21	6 35 33	8°59'52	14°36	17° 9	26°12	1° 0	18° 0	2°25	4°20	21°43	20°46	20°R56	22°26	27°24	23°30	T 21
F 22	6 39 30	10° 1'03	28°15	18°24	27°12	1°47	18°13	2°30	4°23	21°41	20°47	20°54	22°23	27°31	23°34	F 22
S 23	6 43 26	11° 2'14	12♏22	19°40	28°12	2°35	18°26	2°34	4°27	21°40	20°47	20°51	22°20	27°37	23°37	S 23
S 24	6 47 23	12° 3'25	26°55	20°59	29°11	3°22	18°39	2°38	4°31	21°38	20°48	20°46	22°16	27°44	23°40	S 24
M25	6 51 19	13° 4'36	11♐50	22°18	0♓ 9	4° 9	18°52	2°41	4°34	21°37	20°49	20°40	22°13	27°51	23°44	M25
T 26	6 55 16	14° 5'48	27° 0	23°39	1° 7	4°57	19° 5	2°45	4°38	21°35	20°49	20°34	22°10	27°57	23°47	T 26
W27	6 59 12	15° 6'59	12♑15	25° 1	2° 5	5°44	19°18	2°49	4°41	21°33	20°50	20°29	22° 7	28° 4	23°51	W27
T 28	7 3 9	16° 8'09	27°25	26°24	3° 2	6°31	19°31	2°53	4°45	21°32	20°51	20°26	22° 4	28°11	23°54	T 28
F 29	7 7 5	17° 9'19	12♒19	27°48	3°59	7°19	19°44	2°56	4°48	21°30	20°52	20°24	22° 0	28°17	23°58	F 29
S 30	7 11 2	18°10'29	26°51	29°12	4°54	8° 6	19°58	3° 0	4°52	21°29	20°52	20°D24	21°57	28°24	24° 1	S 30
S 31	7 14 59	19♑11'38	10♓56	0♑38	5♓50	8♒53	20♒11	3♏ 3	4♑55	21♊27	20♓53	20♌25	21♌54	28♊31	24♒ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 0	17s43	1n34	18s51	2n44	21s16	2s16	23s45	1s 9	17s30	0s53	9s35	2n20	23s44	0s17	21n57	1s19	18s19	15s56	14n 9	13n43	19n 1	8s26	5n54
S 2	23 5	15 0	0 19	18 37	2 50	20 57	2 13	23 39	1 9	17 27	0 53	9 36	2 21	23 44	0 17	21 57	1 19	18 18	15 56	14 9	13 44	19 2	8 26	5 54
S 3	23 10	11 29	0s54	18 27	2 54	20 38	2 11	23 34	1 9	17 24	0 53	9 38	2 21	23 44	0 17	21 57	1 19	18 18	15 55	14 9	13 45	19 3	8 26	5 53
M 4	23 14	7 30	2 3	18 21	2 56	20 18	2 9	23 28	1 9	17 21	0 53	9 40	2 21	23 44	0 17	21 57	1 19	18 17	15 55	14 9	13 46	19 4	8 25	5 53
T 5	23 17	3 15	3 3	18 19	2 57	19 58	2 6	23 21	1 9	17 17	0 53	9 42	2 21	23 44	0 17	21 57	1 19	18 17	15 55	14 9	13 47	19 4	8 25	5 53
W 6	23 21	1n 1	3 52	18 20	2 55	19 38	2 3	23 15	1 9	17 14	0 53	9 43	2 21	23 43	0 17	21 56	1 19	18 17	15 54	14 10	13 48	19 5	8 24	5 52
T 7	23 23	5 9	4 30	18 24	2 53	19 17	2 0	23 8	1 9	17 10	0 53	9 45	2 21	23 43	0 17	21 56	1 19	18 16	15 54	14 11	13 49	19 6	8 24	5 52
F 8	23 25	9 0	4 54	18 30	2 49	18 56	1 57	23 1	1 9	17 7	0 53	9 47	2 22	23 43	0 17	21 56	1 19	18 16	15 54	14 13	13 50	19 6	8 23	5 51
S 9	23 27	12 26	5 4	18 39	2 44	18 34	1 54	22 54	1 9	17 3	0 53	9 48	2 22	23 43	0 17	21 56	1 19	18 15	15 53	14 16	13 52	19 7	8 23	5 51
S 10	23 28	15 20	5 2	18 50	2 38	18 12	1 50	22 46	1 9	17 0	0 53	9 50	2 22	23 43	0 17	21 56	1 19	18 15	15 53	14 19	13 53	19 8	8 22	5 51
M11	23 29	17 35	4 46	19 2	2 32	17 49	1 47	22 38	1 9	16 56	0 53	9 51	2 22	23 43	0 17	21 56	1 19	18 14	15 53	14 23	13 54	19 8	8 21	5 50
T 12	23 30	19 4	4 17	19 16	2 25	17 26	1 43	22 30	1 9	16 52	0 53	9 53	2 22	23 43	0 17	21 56	1 19	18 14	15 52	14 26	13 55	19 9	8 21	5 50
W13	23 29	19 44	3 38	19 31	2 17	17 3	1 39	22 22	1 9	16 49	0 53	9 54	2 22	23 43	0 17	21 56	1 19	18 13	15 52	14 29	13 56	19 10	8 20	5 50
T 14	23 29	19 31	2 49	19 47	2 10	16 39	1 35	22 13	1 9	16 45	0 53	9 56	2 23	23 43	0 17	21 56	1 19	18 13	15 52	14 32	13 57	19 10	8 20	5 49
F 15	23 28	18 27	1 52	20 3	2 2	16 16	1 31	22 4	1 9	16 41	0 53	9 57	2 23	23 43	0 17	21 56	1 19	18 12	15 51	14 33	13 58	19 11	8 19	5 49
S 16	23 26	16 32	0 50	20 19	1 54	15 51	1 26	21 55	1 9	16 38	0 53	9 59	2 23	23 43	0 17	21 56	1 19	18 12	15 51	14 34	13 59	19 12	8 18	5 49
S 17	23 24	13 53	0n15	20 36	1 45	15 27	1 22	21 46	1 9	16 34	0 53	10 0	2 23	23 42	0 17	21 55	1 19	18 11	15 51	14 34	14 0	19 12	8 18	5 49
M18	23 22	10 35	1 21	20 53	1 37	15 2	1 17	21 36	1 9	16 30	0 53	10 1	2 23	23 42	0 17	21 55	1 19	18 11	15 50	14 34	14 1	19 13	8 17	5 48
T 19	23 19	6 45	2 24	21 9	1 28	14 37	1 12	21 26	1 9	16 26	0 53	10 3	2 24	23 42	0 17	21 55	1 19	18 10	15 50	14 33	14 2	19 14	8 16	5 48
W20	23 15	2 32	3 22	21 26	1 19	14 12	1 7	21 16	1 9	16 22	0 52	10 4	2 24	23 42	0 17	21 55	1 19	18 10	15 50	14 33	14 3	19 14	8 15	5 48
T 21	23 11	1s55	4 11	21 42	1 11	13 47	1 2	21 6	1 9	16 18	0 52	10 5	2 24	23 42	0 17	21 55	1 19	18 9	15 49	14 33	14 4	19 15	8 15	5 47
F 22	23 7	6 24	4 47	21 57	1 2	13 21	0 56	20 55	1 8	16 14	0 52	10 6	2 24	23 42	0 17	21 55	1 19	18 9	15 49	14 34	14 5	19 15	8 14	5 47
S 23	23 2	10 42	5 7	22 12	0 54	12 55	0 51	20 44	1 8	16 10	0 52	10 8	2 25	23 42	0 17	21 55	1 19	18 8	15 49	14 35	14 6	19 16	8 13	5 47
S 24	22 57	14 30	5 9	22 26	0 45	12 29	0 45	20 33	1 8	16 6	0 52	10 9	2 25	23 42	0 17	21 55	1 19	18 8	15 48	14 36	14 7	19 17	8 12	5 46
M25	22 51	17 28	4 50	22 39	0 37	12 3	0 39	20 22	1 8	16 2	0 52	10 10	2 25	23 42	0 17	21 55	1 19	18 7	15 48	14 38	14 8	19 17	8 11	5 46
T 26	22 45	19 17	4 10	22 52	0 29	11 37	0 33	20 10	1 8	15 58	0 52	10 11	2 25	23 41	0 17	21 55	1 19	18 7	15 48	14 40	14 9	19 18	8 10	5 46
W27	22 38	19 43	3 13	23 4	0 20	11 11	0 27	19 59	1 8	15 54	0 52	10 12	2 25	23 41	0 17	21 55	1 19	18 6	15 47	14 42	14 10	19 19	8 10	5 46
T 28	22 31	18 44	2 2	23 14	0 12	10 44	0 21	19 47	1 8	15 50	0 52	10 13	2 26	23 41	0 17	21 55	1 19	18 5	15 47	14 43	14 11	19 19	8 9	5 45
F 29	22 23	16 26	0 44	23 24	0 4	10 17	0 14	19 34	1 8	15 45	0 52	10 14	2 26	23 41	0 17	21 55	1 19	18 5	15 47	14 43	14 12	19 20	8 8	5 45
S 30	22 15	13 9	0s35	23 33	0s 3	9 51	0 7	19 22	1 7	15 41	0 52	10 15	2 26	23 41	0 17	21 55	1 19	18 4	15 47	14 43	14 13	19 20	8 7	5 45
S 31	22s 7	9s11	1s50	23s40	0s11	9s24	0s 0	19s 9	1s 7	15s37	0s52	10s16	2n26	23s41	0s17	21n54	1s19	18s 4	15s46	14n43	14n14	19n21	8s 6	5n45

Julian Day Number = 2294834.5, Delta T = 136.79 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'09, Lahiri = 17°52'10 Julian Calendar 1 Dec. 1570 == Greg. Calendar 11 Dec. 1570

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

JANUARY 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 18 55	20♉12'45	24♓33	2♉ 4	6♓44	9♒41	20♒24	3♏ 6	4♉59	21°R26	20♓54	20♌27	21♌51	28♊37	24♒ 8	M 1
T 2	7 22 52	21°13'53	7♈43	3°31	7°38	10°28	20°38	3° 9	5° 2	21♊25	20°55	20°28	21°48	28°44	24°12	T 2
W 3	7 26 48	22°14'59	20°30	4°59	8°32	11°16	20°52	3°12	5° 6	21°23	20°56	20°R29	21°45	28°51	24°16	W 3
T 4	7 30 45	23°16'04	2♉57	6°27	9°24	12° 3	21° 5	3°15	5° 9	21°22	20°57	20°28	21°41	28°58	24°19	T 4
F 5	7 34 41	24°17'09	15° 9	7°56	10°16	12°51	21°19	3°18	5°13	21°20	20°58	20°27	21°38	29° 4	24°23	F 5
S 6	7 38 38	25°18'12	27°10	9°26	11° 7	13°38	21°32	3°21	5°16	21°19	20°59	20°24	21°35	29°11	24°27	S 6
S 7	7 42 34	26°19'15	9♊ 4	10°56	11°57	14°25	21°46	3°24	5°20	21°18	21° 0	20°20	21°32	29°18	24°31	S 7
M 8	7 46 31	27°20'17	20°54	12°27	12°47	15°13	22° 0	3°26	5°23	21°16	21° 1	20°16	21°29	29°24	24°35	M 8
T 9	7 50 28	28°21'17	2♋45	13°59	13°35	16° 0	22°14	3°29	5°27	21°15	21° 2	20°12	21°26	29°31	24°38	T 9
W10	7 54 24	29°22'17	14°37	15°31	14°23	16°48	22°28	3°31	5°30	21°14	21° 3	20° 8	21°22	29°38	24°42	W10
T 11	7 58 21	0♒23'16	26°34	17° 4	15°10	17°35	22°42	3°34	5°33	21°13	21° 4	20° 6	21°19	29°44	24°46	T 11
F 12	8 2 17	1°24'14	8♌36	18°38	15°55	18°23	22°55	3°36	5°37	21°11	21° 5	20° 4	21°16	29°51	24°50	F 12
S 13	8 6 14	2°25'11	20°46	20°12	16°40	19°10	23° 9	3°38	5°40	21°10	21° 6	20°D 4	21°13	29°58	24°54	S 13
S 14	8 10 10	3°26'07	3♍ 5	21°47	17°24	19°57	23°23	3°40	5°43	21° 9	21° 7	20° 4	21°10	0♋ 5	24°58	S 14
M15	8 14 7	4°27'02	15°35	23°22	18° 6	20°45	23°38	3°42	5°46	21° 8	21° 8	20° 6	21° 6	0°11	25° 2	M15
T 16	8 18 3	5°27'56	28°18	24°59	18°47	21°32	23°52	3°44	5°50	21° 7	21° 9	20° 7	21° 3	0°18	25° 6	T 16
W17	8 22 0	6°28'50	11♎16	26°36	19°28	22°20	24° 6	3°46	5°53	21° 6	21°10	20° 8	21° 0	0°25	25°10	W17
T 18	8 25 57	7°29'42	24°32	28°13	20° 7	23° 7	24°20	3°47	5°56	21° 4	21°11	20° 9	20°57	0°31	25°14	T 18
F 19	8 29 53	8°30'34	8♏ 7	29°52	20°44	23°55	24°34	3°49	5°59	21° 3	21°13	20°R 9	20°54	0°38	25°18	F 19
S 20	8 33 50	9°31'25	22° 3	1♒31	21°21	24°42	24°48	3°50	6° 2	21° 2	21°14	20° 9	20°51	0°45	25°22	S 20
S 21	8 37 46	10°32'15	6♐18	3°10	21°56	25°29	25° 2	3°51	6° 6	21° 1	21°15	20° 8	20°47	0°51	25°26	S 21
M22	8 41 43	11°33'04	20°51	4°51	22°29	26°17	25°17	3°53	6° 9	21° 0	21°16	20° 7	20°44	0°58	25°30	M22
T 23	8 45 39	12°33'52	5♑37	6°33	23° 1	27° 4	25°31	3°54	6°12	20°59	21°17	20° 6	20°41	1° 5	25°34	T 23
W24	8 49 36	13°34'39	20°31	8°15	23°32	27°52	25°45	3°55	6°15	20°59	21°19	20° 6	20°38	1°11	25°38	W24
T 25	8 53 33	14°35'25	5♒24	9°58	24° 1	28°39	26° 0	3°56	6°18	20°58	21°20	20° 5	20°35	1°18	25°42	T 25
F 26	8 57 29	15°36'10	20° 9	11°42	24°28	29°26	26°14	3°56	6°21	20°57	21°21	20°D 5	20°32	1°25	25°47	F 26
S 27	9 1 26	16°36'53	4♓38	13°26	24°54	0♓14	26°28	3°57	6°24	20°56	21°22	20° 5	20°28	1°32	25°51	S 27
S 28	9 5 22	17°37'34	18°46	15°12	25°17	1° 1	26°43	3°58	6°27	20°55	21°24	20° 5	20°25	1°38	25°55	S 28
M29	9 9 19	18°38'14	2♈30	16°58	25°39	1°48	26°57	3°58	6°30	20°54	21°25	20° 6	20°22	1°45	25°59	M29
T 30	9 13 15	19°38'53	15°48	18°45	25°59	2°36	27°12	3°58	6°33	20°54	21°26	20°R 6	20°19	1°52	26° 3	T 30
W31	9 17 12	20♒39'29	28♈42	20♒33	26♓17	3♓23	27♒26	3♏59	6♉35	20♊53	21♓28	20♌ 6	20♌16	1♋58	26♒ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s58	4s52	2s56	23s47	0s18	8s57	0n 7	18s57	1s 7	15s33	0s52	10s17	2n27	23s41	0s17	21n54	1s19	18s 3	15s46	14n42	14n15	19n22	8s 5	5n44
T 2	21 49	0 28	3 51	23 52	0 26	8 30	0 14	18 44	1 7	15 28	0 52	10 18	2 27	23 41	0 17	21 54	1 19	18 2	15 46	14 42	14 16	19 22	8 4	5 44
W 3	21 39	3n49	4 32	23 57	0 33	8 4	0 21	18 30	1 7	15 24	0 52	10 18	2 27	23 41	0 17	21 54	1 19	18 2	15 45	14 42	14 17	19 23	8 3	5 44
T 4	21 29	7 50	4 59	24 0	0 40	7 37	0 29	18 17	1 7	15 20	0 52	10 19	2 27	23 40	0 17	21 54	1 19	18 1	15 45	14 42	14 18	19 23	8 2	5 44
F 5	21 18	11 26	5 13	24 1	0 46	7 10	0 37	18 3	1 6	15 15	0 52	10 20	2 27	23 40	0 17	21 54	1 19	18 1	15 45	14 42	14 19	19 24	8 1	5 44
S 6	21 7	14 30	5 12	24 2	0 53	6 43	0 45	17 50	1 6	15 11	0 52	10 21	2 28	23 40	0 17	21 54	1 19	18 0	15 45	14 43	14 20	19 25	8 0	5 43
S 7	20 56	16 57	4 57	24 1	0 59	6 17	0 53	17 36	1 6	15 6	0 52	10 21	2 28	23 40	0 17	21 54	1 19	17 59	15 44	14 44	14 21	19 25	7 59	5 43
M 8	20 44	18 41	4 31	23 59	1 5	5 50	1 1	17 21	1 6	15 2	0 52	10 22	2 28	23 40	0 17	21 54	1 18	17 59	15 44	14 46	14 23	19 26	7 58	5 43
T 9	20 32	19 36	3 52	23 56	1 11	5 23	1 10	17 7	1 6	14 57	0 52	10 23	2 28	23 40	0 17	21 54	1 18	17 58	15 44	14 47	14 24	19 26	7 57	5 43
W10	20 20	19 39	3 3	23 51	1 16	4 57	1 19	16 53	1 5	14 53	0 52	10 23	2 29	23 40	0 17	21 54	1 18	17 57	15 43	14 48	14 25	19 27	7 56	5 42
T 11	20 7	18 49	2 6	23 45	1 22	4 31	1 28	16 38	1 5	14 48	0 52	10 24	2 29	23 40	0 17	21 54	1 18	17 57	15 43	14 49	14 26	19 27	7 55	5 42
F 12	19 54	17 8	1 3	23 38	1 27	4 5	1 37	16 23	1 5	14 44	0 52	10 24	2 29	23 39	0 17	21 54	1 18	17 56	15 43	14 49	14 27	19 28	7 54	5 42
S 13	19 40	14 40	0n 4	23 29	1 31	3 39	1 46	16 8	1 5	14 39	0 52	10 25	2 29	23 39	0 17	21 54	1 18	17 55	15 43	14 50	14 28	19 29	7 53	5 42
S 14	19 26	11 30	1 11	23 18	1 36	3 13	1 55	15 53	1 4	14 35	0 52	10 25	2 30	23 39	0 17	21 54	1 18	17 55	15 42	14 49	14 29	19 29	7 51	5 42
M15	19 11	7 48	2 17	23 7	1 40	2 48	2 5	15 37	1 4	14 30	0 52	10 26	2 30	23 39	0 17	21 54	1 18	17 54	15 42	14 49	14 30	19 30	7 50	5 42
T 16	18 57	3 41	3 16	22 53	1 44	2 23	2 15	15 22	1 4	14 25	0 52	10 26	2 30	23 39	0 17	21 54	1 18	17 53	15 42	14 49	14 31	19 30	7 49	5 41
W17	18 42	0s41	4 7	22 39	1 48	1 58	2 24	15 6	1 4	14 21	0 52	10 26	2 30	23 39	0 17	21 54	1 18	17 53	15 42	14 48	14 32	19 31	7 48	5 41
T 18	18 26	5 5	4 46	22 23	1 51	1 33	2 35	14 50	1 3	14 16	0 52	10 27	2 31	23 39	0 17	21 54	1 18	17 52	15 41	14 48	14 33	19 31	7 47	5 41
F 19	18 11	9 21	5 10	22 5	1 54	1 9	2 45	14 34	1 3	14 11	0 53	10 27	2 31	23 38	0 17	21 54	1 18	17 51	15 41	14 48	14 34	19 32	7 46	5 41
S 20	17 54	13 13	5 17	21 46	1 57	0 45	2 55	14 18	1 3	14 6	0 53	10 27	2 31	23 38	0 17	21 54	1 18	17 51	15 41	14 48	14 35	19 32	7 44	5 41
S 21	17 38	16 24	5 5	21 25	1 59	0 22	3 6	14 2	1 3	14 2	0 53	10 27	2 31	23 38	0 17	21 54	1 18	17 50	15 41	14 48	14 36	19 33	7 43	5 41
M22	17 21	18 38	4 33	21 3	2 1	0n 1	3 17	13 46	1 2	13 57	0 53	10 28	2 32	23 38	0 17	21 54	1 18	17 49	15 41	14 49	14 37	19 33	7 42	5 41
T 23	17 4	19 40	3 43	20 39	2 2	0 24	3 27	13 29	1 2	13 52	0 53	10 28	2 32	23 38	0 17	21 53	1 18	17 49	15 40	14 49	14 38	19 34	7 41	5 40
W24	16 47	19 20	2 37	20 14	2 4	0 46	3 38	13 12	1 2	13 47	0 53	10 28	2 32	23 38	0 17	21 53	1 18	17 48	15 40	14 49	14 39	19 34	7 39	5 40
T 25	16 30	17 39	1 21	19 47	2 4	1 8	3 50	12 56	1 1	13 42	0 53	10 28	2 32	23 38	0 17	21 53	1 18	17 47	15 40	14 49	14 40	19 35	7 38	5 40
F 26	16 12	14 48	0s 0	19 19	2 5	1 29	4 1	12 39	1 1	13 38	0 53	10 28	2 33	23 38	0 17	21 53	1 18	17 47	15 40	14 49	14 41	19 35	7 37	5 40
S 27	15 54	11 4	1 20	18 49	2 5	1 50	4 12	12 22	1 1	13 33	0 53	10 28	2 33	23 37	0 17	21 53	1 18	17 46	15 40	14 49	14 42	19 36	7 36	5 40
S 28	15 35	6 48	2 33	18 17	2 4	2 9	4 24	12 5	1 0	13 28	0 53	10 28	2 33	23 37	0 17	21 53	1 18	17 45	15 39	14 49	14 43	19 36	7 34	5 40
M29	15 16	2 17	3 35	17 45	2 3	2 29	4 35	11 47	1 0	13 23	0 53	10 28	2 33	23 37	0 17	21 53	1 18	17 45	15 39	14 49	14 44	19 37	7 33	5 40
T 30	14 57	2n11	4 23	17 10	2 2	2 47	4 47	11 30	1 0	13 18	0 53	10 28	2 34	23 37	0 17	21 53	1 18	17 44	15 39	14 49	14 45	19 37	7 32	5 40
W31	14s38	6n25	4s56	16s34	2s 0	3n 5	4n59	11s13	0s59	13s13	0s53	10s27	2n34	23s37	0s17	21n53	1s17	17s43	15s39	14n49	14n46	19n38	7s31	5n40

Julian Day Number = 2294865.5, Delta T = 136.62 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'14, Lahiri = 17°52'14 Julian Calendar 1 Jan. 1571 == Greg. Calendar 11 Jan. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

FEBRUARY 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 21 8	21♒40'04	11♉15	22♒22	26♓33	4♓10	27♒40	3♏59	6♑38	20°R52	21♓29	20°R 6	20♌12	2♋ 5	26♒11	T 1
F 2	9 25 5	22°40'37	23°30	24°12	26°47	4°57	27°55	3°R59	6°41	20♊52	21°30	20°D 6	20° 9	2°12	26°16	F 2
S 3	9 29 1	23°41'08	5♊32	26° 2	26°58	5°45	28° 9	3°59	6°44	20°51	21°32	20♌ 6	20° 6	2°18	26°20	S 3
S 4	9 32 58	24°41'37	17°26	27°53	27° 8	6°32	28°24	3°59	6°46	20°51	21°33	20° 6	20° 3	2°25	26°24	S 4
M 5	9 36 55	25°42'05	29°16	29°45	27°15	7°19	28°38	3°58	6°49	20°50	21°35	20° 6	20° 0	2°32	26°28	M 5
T 6	9 40 51	26°42'30	11♋ 6	1♓37	27°19	8° 6	28°53	3°58	6°52	20°50	21°36	20° 7	19°57	2°38	26°32	T 6
W 7	9 44 48	27°42'54	23° 1	3°30	27°R22	8°53	29° 7	3°58	6°54	20°49	21°37	20° 8	19°53	2°45	26°36	W 7
T 8	9 48 44	28°43'16	5♌ 3	5°23	27°22	9°40	29°22	3°57	6°57	20°49	21°39	20° 9	19°50	2°52	26°41	T 8
F 9	9 52 41	29°43'36	17°15	7°16	27°19	10°27	29°36	3°56	6°59	20°48	21°40	20°R 9	19°47	2°58	26°45	F 9
S 10	9 56 37	0♓43'54	29°39	9° 9	27°14	11°15	29°51	3°56	7° 2	20°48	21°42	20° 9	19°44	3° 5	26°49	S 10
S 11	10 0 34	1°44'11	12♍17	11° 3	27° 6	12° 2	0♓ 5	3°55	7° 4	20°48	21°43	20° 8	19°41	3°12	26°53	S 11
M12	10 4 30	2°44'25	25° 7	12°56	26°56	12°49	0°20	3°54	7° 7	20°47	21°44	20° 7	19°38	3°19	26°57	M12
T 13	10 8 27	3°44'39	8♎12	14°48	26°43	13°36	0°34	3°53	7° 9	20°47	21°46	20° 5	19°34	3°25	27° 1	T 13
W14	10 12 24	4°44'50	21°30	16°39	26°28	14°23	0°49	3°51	7°11	20°47	21°47	20° 3	19°31	3°32	27° 5	W14
T 15	10 16 20	5°45'00	5♏ 1	18°29	26°10	15° 9	1° 3	3°50	7°14	20°46	21°49	20° 1	19°28	3°39	27°10	T 15
F 16	10 20 17	6°45'08	18°44	20°18	25°50	15°56	1°17	3°49	7°16	20°46	21°50	19°59	19°25	3°45	27°14	F 16
S 17	10 24 13	7°45'15	2♐39	22° 4	25°27	16°43	1°32	3°47	7°18	20°46	21°52	19°D59	19°22	3°52	27°18	S 17
S 18	10 28 10	8°45'20	16°45	23°48	25° 3	17°30	1°46	3°46	7°20	20°46	21°53	19°59	19°18	3°59	27°22	S 18
M19	10 32 6	9°45'24	1♑ 0	25°28	24°36	18°17	2° 1	3°44	7°22	20°46	21°55	20° 0	19°15	4° 5	27°26	M19
T 20	10 36 3	10°45'26	15°22	27° 5	24° 7	19° 4	2°15	3°42	7°25	20°D46	21°56	20° 1	19°12	4°12	27°30	T 20
W21	10 39 59	11°45'26	29°48	28°38	23°37	19°51	2°30	3°40	7°27	20°46	21°58	20° 2	19° 9	4°19	27°34	W21
T 22	10 43 56	12°45'25	14♒14	0♈ 6	23° 5	20°37	2°44	3°38	7°29	20°46	21°59	20°R 3	19° 6	4°25	27°38	T 22
F 23	10 47 53	13°45'22	28°34	1°29	22°31	21°24	2°58	3°36	7°30	20°46	22° 1	20° 3	19° 3	4°32	27°42	F 23
S 24	10 51 49	14°45'17	12♓45	2°46	21°56	22°11	3°13	3°34	7°32	20°46	22° 2	20° 2	18°59	4°39	27°46	S 24
S 25	10 55 46	15°45'10	26°41	3°57	21°20	22°57	3°27	3°32	7°34	20°46	22° 4	19°59	18°56	4°45	27°50	S 25
M26	10 59 42	16°45'01	10♈18	5° 1	20°44	23°44	3°41	3°30	7°36	20°46	22° 5	19°55	18°53	4°52	27°54	M26
T 27	11 3 39	17°44'50	23°35	5°58	20° 6	24°31	3°56	3°27	7°38	20°47	22° 7	19°51	18°50	4°59	27°58	T 27
W28	11 7 35	18♓44'36	6♉31	6♈48	19♓29	25♓17	4♓10	3♏25	7♑40	20♊47	22♓ 8	19♌46	18♌47	5♋ 5	28♒ 2	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s19	10n15	5s14	15s56	1s57	3n23	5n11	10s55	0s59	13s 8	0s53	10s27	2n34	23s37	0s17	21n53	1s17	17s43	15s39	14n49	14n47	19n38	7s29	5n40
F 2	13 59	13 34	5 17	15 17	1 55	3 39	5 22	10 37	0 59	13 3	0 53	10 27	2 34	23 37	0 17	21 53	1 17	17 42	15 39	14 49	14 48	19 39	7 28	5 39
S 3	13 39	16 15	5 6	14 37	1 51	3 54	5 34	10 20	0 58	12 58	0 53	10 27	2 35	23 37	0 17	21 53	1 17	17 41	15 38	14 49	14 49	19 39	7 27	5 39
S 4	13 19	18 13	4 42	13 55	1 47	4 9	5 46	10 2	0 58	12 53	0 53	10 27	2 35	23 36	0 17	21 53	1 17	17 41	15 38	14 49	14 50	19 40	7 25	5 39
M 5	12 59	19 23	4 7	13 11	1 42	4 22	5 58	9 44	0 57	12 48	0 53	10 26	2 35	23 36	0 17	21 53	1 17	17 40	15 38	14 49	14 51	19 40	7 24	5 39
T 6	12 38	19 42	3 20	12 26	1 37	4 35	6 10	9 26	0 57	12 43	0 53	10 26	2 35	23 36	0 17	21 53	1 17	17 39	15 38	14 49	14 52	19 41	7 23	5 39
W 7	12 18	19 8	2 25	11 40	1 31	4 47	6 21	9 8	0 57	12 38	0 53	10 25	2 36	23 36	0 17	21 53	1 17	17 38	15 38	14 48	14 53	19 41	7 21	5 39
T 8	11 57	17 42	1 23	10 53	1 25	4 57	6 33	8 50	0 56	12 33	0 53	10 25	2 36	23 36	0 17	21 54	1 17	17 38	15 38	14 48	14 54	19 42	7 20	5 39
F 9	11 36	15 27	0 16	10 4	1 18	5 6	6 44	8 31	0 56	12 28	0 53	10 25	2 36	23 36	0 17	21 54	1 17	17 37	15 38	14 48	14 55	19 42	7 18	5 39
S 10	11 14	12 26	0n53	9 14	1 10	5 14	6 55	8 13	0 55	12 23	0 53	10 24	2 36	23 36	0 17	21 54	1 17	17 36	15 38	14 48	14 56	19 43	7 17	5 39
S 11	10 53	8 49	2 0	8 24	1 2	5 21	7 6	7 55	0 55	12 18	0 54	10 24	2 37	23 36	0 17	21 54	1 17	17 36	15 37	14 48	14 57	19 43	7 16	5 39
M12	10 31	4 43	3 2	7 32	0 53	5 27	7 17	7 36	0 55	12 13	0 54	10 23	2 37	23 36	0 18	21 54	1 17	17 35	15 37	14 49	14 58	19 44	7 14	5 39
T 13	10 9	0 21	3 56	6 40	0 44	5 31	7 27	7 18	0 54	12 8	0 54	10 22	2 37	23 35	0 18	21 54	1 17	17 34	15 37	14 49	14 59	19 44	7 13	5 39
W14	9 47	4s 6	4 38	5 48	0 33	5 34	7 37	6 59	0 54	12 3	0 54	10 22	2 37	23 35	0 18	21 54	1 17	17 34	15 37	14 50	15 0	19 45	7 12	5 39
T 15	9 25	8 25	5 5	4 55	0 23	5 36	7 46	6 41	0 53	11 58	0 54	10 21	2 38	23 35	0 18	21 54	1 17	17 33	15 37	14 51	15 1	19 45	7 10	5 39
F 16	9 3	12 22	5 16	4 2	0 11	5 36	7 55	6 22	0 53	11 53	0 54	10 20	2 38	23 35	0 18	21 54	1 17	17 32	15 37	14 51	15 2	19 45	7 9	5 39
S 17	8 41	15 42	5 8	3 9	0n 1	5 34	8 3	6 3	0 52	11 48	0 54	10 20	2 38	23 35	0 18	21 54	1 17	17 32	15 37	14 51	15 3	19 46	7 7	5 39
S 18	8 18	18 9	4 42	2 16	0 13	5 32	8 10	5 45	0 52	11 43	0 54	10 19	2 38	23 35	0 18	21 54	1 17	17 31	15 37	14 51	15 4	19 46	7 6	5 39
M19	7 56	19 31	3 59	1 25	0 26	5 27	8 17	5 26	0 52	11 37	0 54	10 18	2 38	23 35	0 18	21 54	1 17	17 30	15 37	14 51	15 5	19 47	7 5	5 39
T 20	7 33	19 38	3 0	0 34	0 39	5 22	8 24	5 7	0 51	11 32	0 54	10 17	2 39	23 35	0 18	21 54	1 16	17 30	15 37	14 51	15 6	19 47	7 3	5 39
W21	7 10	18 27	1 49	0n15	0 52	5 15	8 29	4 48	0 51	11 27	0 54	10 17	2 39	23 35	0 18	21 54	1 16	17 29	15 37	14 50	15 7	19 48	7 2	5 39
T 22	6 47	16 5	0 32	1 3	1 6	5 6	8 34	4 30	0 50	11 22	0 54	10 16	2 39	23 35	0 18	21 54	1 16	17 29	15 37	14 50	15 8	19 48	7 0	5 39
F 23	6 24	12 44	0s47	1 48	1 19	4 57	8 37	4 11	0 50	11 17	0 54	10 15	2 39	23 35	0 18	21 54	1 16	17 28	15 37	14 50	15 9	19 48	6 59	5 39
S 24	6 1	8 40	2 2	2 31	1 33	4 46	8 40	3 52	0 49	11 12	0 54	10 14	2 40	23 34	0 18	21 54	1 16	17 27	15 37	14 50	15 10	19 49	6 58	5 39
S 25	5 38	4 12	3 8	3 12	1 46	4 33	8 42	3 33	0 49	11 7	0 55	10 13	2 40	23 34	0 18	21 54	1 16	17 27	15 37	14 51	15 11	19 49	6 56	5 39
M26	5 15	0n23	4 2	3 50	2 0	4 20	8 43	3 14	0 48	11 2	0 55	10 12	2 40	23 34	0 18	21 54	1 16	17 26	15 36	14 52	15 12	19 50	6 55	5 39
T 27	4 51	4 49	4 41	4 24	2 12	4 5	8 43	2 55	0 48	10 56	0 55	10 11	2 40	23 34	0 18	21 54	1 16	17 25	15 36	14 54	15 13	19 50	6 53	5 39
W28	4s28	8n55	5s 5	4n55	2n25	3n50	8n42	2s36	0s47	10s51	0s55	10s10	2n40	23s34	0s18	21n54	1s16	17s25	15s36	14n55	15n14	19n50	6s52	5n40

Julian Day Number = 2294896.5, Delta T = 136.46 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'18, Lahiri = 17°52'18 Julian Calendar 1 Feb. 1571 == Greg. Calendar 11 Feb. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

MARCH 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 11 32	19♓44'21	19♉ 7	7♈29	18°R51	26♓ 4	4♓24	3°R22	7♑41	20♊47	22♓10	19°R42	18♌43	5♋12	28♒ 6	T 1
F 2	11 15 28	20°44'03	1♊25	8° 3	18♓13	26°50	4°38	3♏19	7°43	20°48	22°11	19♌39	18°40	5°19	28°10	F 2
S 3	11 19 25	21°43'43	13°29	8°29	17°36	27°37	4°52	3°17	7°44	20°48	22°13	19°37	18°37	5°25	28°14	S 3
S 4	11 23 22	22°43'21	25°24	8°47	17° 0	28°23	5° 7	3°14	7°46	20°48	22°15	19°D37	18°34	5°32	28°18	S 4
M 5	11 27 18	23°42'56	7♋14	8°56	16°24	29° 9	5°21	3°11	7°47	20°49	22°16	19°38	18°31	5°39	28°22	M 5
T 6	11 31 15	24°42'29	19° 5	8°R57	15°50	29°56	5°35	3° 8	7°49	20°49	22°18	19°39	18°28	5°46	28°26	T 6
W 7	11 35 11	25°42'00	1♌ 1	8°50	15°17	0♈42	5°49	3° 5	7°50	20°50	22°19	19°41	18°24	5°52	28°29	W 7
T 8	11 39 8	26°41'29	13° 8	8°36	14°45	1°28	6° 3	3° 2	7°52	20°50	22°21	19°42	18°21	5°59	28°33	T 8
F 9	11 43 4	27°40'55	25°28	8°14	14°15	2°14	6°17	2°59	7°53	20°51	22°22	19°R42	18°18	6° 6	28°37	F 9
S 10	11 47 1	28°40'19	8♍ 4	7°46	13°47	3° 1	6°31	2°55	7°54	20°51	22°24	19°41	18°15	6°12	28°41	S 10
S 11	11 50 57	29°39'41	20°59	7°12	13°21	3°47	6°45	2°52	7°55	20°52	22°25	19°37	18°12	6°19	28°44	S 11
M12	11 54 54	0♈39'00	4♎12	6°33	12°58	4°33	6°59	2°48	7°56	20°52	22°27	19°32	18° 9	6°26	28°48	M12
T 13	11 58 50	1°38'18	17°42	5°50	12°36	5°19	7°12	2°45	7°58	20°53	22°28	19°25	18° 5	6°32	28°52	T 13
W14	12 2 47	2°37'34	1♏27	5° 4	12°17	6° 5	7°26	2°41	7°59	20°54	22°30	19°18	18° 2	6°39	28°55	W14
T 15	12 6 44	3°36'48	15°23	4°15	12° 0	6°51	7°40	2°38	8° 0	20°55	22°31	19°11	17°59	6°46	28°59	T 15
F 16	12 10 40	4°36'00	29°27	3°25	11°46	7°37	7°54	2°34	8° 1	20°55	22°33	19° 5	17°56	6°52	29° 2	F 16
S 17	12 14 37	5°35'10	13♐35	2°35	11°34	8°22	8° 7	2°30	8° 1	20°56	22°34	19° 1	17°53	6°59	29° 6	S 17
S 18	12 18 33	6°34'18	27°45	1°46	11°24	9° 8	8°21	2°26	8° 2	20°57	22°36	18°59	17°49	7° 6	29° 9	S 18
M19	12 22 30	7°33'25	11♑55	0°58	11°18	9°54	8°35	2°23	8° 3	20°58	22°37	18°D59	17°46	7°12	29°13	M19
T 20	12 26 26	8°32'30	26° 2	0°13	11°13	10°40	8°48	2°19	8° 4	20°59	22°39	19° 0	17°43	7°19	29°16	T 20
W21	12 30 23	9°31'33	10♒ 6	29♓31	11°D11	11°26	9° 2	2°15	8° 5	21° 0	22°40	19° 1	17°40	7°26	29°20	W21
T 22	12 34 19	10°30'35	24° 5	28°53	11°12	12°11	9°15	2°11	8° 5	21° 1	22°42	19°R 1	17°37	7°32	29°23	T 22
F 23	12 38 16	11°29'34	7♓58	28°19	11°14	12°57	9°28	2° 7	8° 6	21° 2	22°43	18°59	17°34	7°39	29°27	F 23
S 24	12 42 13	12°28'32	21°42	27°50	11°19	13°42	9°42	2° 2	8° 6	21° 3	22°45	18°56	17°30	7°46	29°30	S 24
S 25	12 46 9	13°27'28	5♈16	27°26	11°27	14°28	9°55	1°58	8° 7	21° 4	22°46	18°49	17°27	7°52	29°33	S 25
M26	12 50 6	14°26'21	18°36	27° 8	11°36	15°13	10° 8	1°54	8° 7	21° 5	22°47	18°41	17°24	7°59	29°36	M26
T 27	12 54 2	15°25'13	1♉41	26°54	11°48	15°59	10°21	1°50	8° 8	21° 6	22°49	18°31	17°21	8° 6	29°39	T 27
W28	12 57 59	16°24'03	14°29	26°46	12° 2	16°44	10°34	1°46	8° 8	21° 7	22°50	18°20	17°18	8°12	29°43	W28
T 29	13 1 55	17°22'50	27° 0	26°D44	12°17	17°29	10°47	1°41	8° 8	21° 8	22°52	18°10	17°14	8°19	29°46	T 29
F 30	13 5 52	18°21'35	9♊17	26°46	12°35	18°15	11° 0	1°37	8° 8	21° 9	22°53	18° 2	17°11	8°26	29°49	F 30
S 31	13 9 48	19♈20'19	21♊20	26♓54	12♓55	19♈ 0	11♓13	1♏33	8♑ 9	21♊11	22♓54	17♌56	17♌ 8	8♋32	29♒52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s 4	12n31	5s13	5n22	2n36	3n34	8n40	2s17	0s47	10s46	0s55	10s 9	2n41	23s34	0s18	21n54	1s16	17s24	15s36	14n56	15n15	19n51	6s51	5n40
F 2	3 41	15 29	5 7	5 46	2 47	3 16	8 38	1 58	0 46	10 41	0 55	10 8	2 41	23 34	0 18	21 55	1 16	17 24	15 36	14 57	15 16	19 51	6 49	5 40
S 3	3 17	17 44	4 47	6 5	2 57	2 59	8 34	1 39	0 46	10 36	0 55	10 7	2 41	23 34	0 18	21 55	1 16	17 23	15 36	14 58	15 17	19 51	6 48	5 40
S 4	2 54	19 11	4 14	6 20	3 6	2 40	8 29	1 20	0 45	10 31	0 55	10 6	2 41	23 34	0 18	21 55	1 16	17 22	15 36	14 58	15 18	19 52	6 46	5 40
M 5	2 30	19 47	3 31	6 31	3 14	2 21	8 23	1 1	0 45	10 26	0 55	10 4	2 41	23 34	0 18	21 55	1 16	17 22	15 36	14 58	15 19	19 52	6 45	5 40
T 6	2 6	19 30	2 39	6 37	3 20	2 2	8 17	0 42	0 44	10 21	0 55	10 3	2 41	23 34	0 18	21 55	1 16	17 21	15 37	14 57	15 20	19 53	6 44	5 40
W 7	1 43	18 21	1 40	6 39	3 25	1 43	8 10	0 23	0 44	10 16	0 56	10 2	2 42	23 34	0 18	21 55	1 16	17 21	15 37	14 57	15 21	19 53	6 42	5 40
T 8	1 19	16 20	0 36	6 36	3 28	1 23	8 2	0 4	0 43	10 11	0 56	10 1	2 42	23 34	0 18	21 55	1 16	17 20	15 37	14 56	15 22	19 53	6 41	5 40
F 9	0 55	13 33	0n31	6 29	3 30	1 4	7 53	0n15	0 43	10 5	0 56	10 0	2 42	23 34	0 18	21 55	1 16	17 19	15 37	14 56	15 23	19 54	6 39	5 40
S 10	0 32	10 5	1 38	6 18	3 30	0 45	7 43	0 33	0 42	10 0	0 56	9 58	2 42	23 33	0 18	21 55	1 16	17 19	15 37	14 57	15 24	19 54	6 38	5 40
S 11	0 8	6 3	2 42	6 3	3 28	0 26	7 33	0 52	0 42	9 55	0 56	9 57	2 42	23 33	0 18	21 55	1 16	17 18	15 37	14 58	15 25	19 54	6 37	5 41
M12	0n16	1 40	3 38	5 44	3 24	0 7	7 23	1 11	0 41	9 50	0 56	9 56	2 42	23 33	0 18	21 55	1 15	17 18	15 37	15 0	15 26	19 55	6 35	5 41
T 13	0 39	2s55	4 23	5 22	3 19	0s11	7 12	1 30	0 40	9 45	0 56	9 54	2 43	23 33	0 18	21 56	1 15	17 17	15 37	15 2	15 27	19 55	6 34	5 41
W14	1 3	7 24	4 54	4 57	3 12	0 29	7 1	1 49	0 40	9 40	0 56	9 53	2 43	23 33	0 18	21 56	1 15	17 17	15 37	15 4	15 28	19 55	6 33	5 41
T 15	1 26	11 34	5 8	4 29	3 3	0 46	6 49	2 7	0 39	9 35	0 56	9 52	2 43	23 33	0 18	21 56	1 15	17 16	15 37	15 6	15 29	19 56	6 31	5 41
F 16	1 50	15 8	5 4	4 0	2 53	1 3	6 37	2 26	0 39	9 30	0 57	9 50	2 43	23 33	0 18	21 56	1 15	17 16	15 37	15 8	15 30	19 56	6 30	5 41
S 17	2 13	17 50	4 41	3 29	2 41	1 19	6 25	2 45	0 38	9 25	0 57	9 49	2 43	23 33	0 18	21 56	1 15	17 15	15 37	15 9	15 30	19 56	6 29	5 41
S 18	2 37	19 27	4 1	2 58	2 28	1 34	6 12	3 3	0 38	9 20	0 57	9 47	2 43	23 33	0 18	21 56	1 15	17 15	15 37	15 10	15 31	19 57	6 27	5 42
M19	3 0	19 52	3 7	2 26	2 14	1 48	5 59	3 22	0 37	9 15	0 57	9 46	2 43	23 33	0 18	21 56	1 15	17 14	15 37	15 10	15 32	19 57	6 26	5 42
T 20	3 24	19 1	2 1	1 55	1 59	2 2	5 47	3 40	0 37	9 10	0 57	9 45	2 44	23 33	0 18	21 56	1 15	17 14	15 37	15 10	15 33	19 57	6 25	5 42
W21	3 47	16 59	0 48	1 24	1 44	2 14	5 34	3 59	0 36	9 5	0 57	9 43	2 44	23 33	0 18	21 56	1 15	17 13	15 38	15 9	15 34	19 58	6 23	5 42
T 22	4 10	13 57	0s27	0 54	1 28	2 26	5 21	4 17	0 35	9 0	0 57	9 42	2 44	23 33	0 18	21 56	1 15	17 13	15 38	15 9	15 35	19 58	6 22	5 42
F 23	4 33	10 9	1 40	0 26	1 12	2 37	5 8	4 35	0 35	8 55	0 57	9 40	2 44	23 33	0 18	21 57	1 15	17 12	15 38	15 10	15 36	19 58	6 21	5 42
S 24	4 56	5 50	2 46	0s 0	0 56	2 47	4 55	4 54	0 34	8 50	0 58	9 39	2 44	23 33	0 18	21 57	1 15	17 12	15 38	15 11	15 37	19 59	6 19	5 43
S 25	5 19	1 18	3 42	0 25	0 40	2 56	4 43	5 12	0 34	8 46	0 58	9 37	2 44	23 33	0 18	21 57	1 15	17 11	15 38	15 13	15 38	19 59	6 18	5 43
M26	5 42	3n14	4 24	0 47	0 24	3 4	4 30	5 30	0 33	8 41	0 58	9 36	2 44	23 33	0 18	21 57	1 15	17 11	15 38	15 16	15 39	19 59	6 17	5 43
T 27	6 5	7 31	4 52	1 7	0 8	3 11	4 17	5 48	0 32	8 36	0 58	9 34	2 44	23 33	0 19	21 57	1 15	17 10	15 38	15 19	15 40	19 59	6 15	5 43
W28	6 28	11 22	5 4	1 24	0s 7	3 17	4 5	6 6	0 32	8 31	0 58	9 33	2 44	23 33	0 19	21 57	1 15	17 10	15 38	15 22	15 41	20 0	6 14	5 43
T 29	6 50	14 39	5 1	1 38	0 22	3 23	3 53	6 24	0 31	8 26	0 58	9 31	2 44	23 33	0 19	21 57	1 15	17 10	15 39	15 25	15 42	20 0	6 13	5 44
F 30	7 13	17 12	4 44	1 50	0 36	3 27	3 41	6 42	0 31	8 21	0 58	9 29	2 44	23 33	0 19	21 57	1 15	17 9	15 39	15 28	15 43	20 0	6 12	5 44
S 31	7n35	18n58	4s15	2s 0	0s50	3s31	3n29	7n 0	0s30	8s17	0s59	9s28	2n44	23s33	0s19	21n58	1s15	17s 9	15s39	15n29	15n44	20n 1	6s10	5n44

Julian Day Number = 2294924.5, Delta T = 136.31 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'22, Lahiri = 17°52'22 Julian Calendar 1 March 1571 == Greg. Calendar 11 March 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

APRIL 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 13 45	20♈18'59	3♋14	27♓ 7	13♓16	19♈45	11♓26	1°R28	8♏ 9	21♊12	22♓56	17°R52	17♌ 5	8♋39	29♒55	S 1
M 2	13 17 42	21°17'38	15° 4	27°24	13°39	20°30	11°39	1♏24	8° 9	21°13	22°57	17♌50	17° 2	8°46	29°58	M 2
T 3	13 21 38	22°16'15	26°55	27°46	14° 4	21°15	11°52	1°19	8°R 9	21°14	22°59	17°D50	16°59	8°52	0♓ 1	T 3
W 4	13 25 35	23°14'49	8♌51	28°13	14°31	22° 0	12° 4	1°15	8° 9	21°16	23° 0	17°51	16°55	8°59	0° 4	W 4
T 5	13 29 31	24°13'21	20°58	28°44	14°59	22°45	12°17	1°10	8° 9	21°17	23° 1	17°R51	16°52	9° 6	0° 6	T 5
F 6	13 33 28	25°11'51	3♍22	29°19	15°28	23°30	12°29	1° 6	8° 9	21°19	23° 3	17°50	16°49	9°13	0° 9	F 6
S 7	13 37 24	26°10'19	16° 5	29°58	15°59	24°15	12°42	1° 1	8° 8	21°20	23° 4	17°47	16°46	9°19	0°12	S 7
S 8	13 41 21	27° 8'44	29°12	0♈40	16°32	25° 0	12°54	0°57	8° 8	21°21	23° 5	17°41	16°43	9°26	0°15	S 8
M 9	13 45 17	28° 7'08	12♎42	1°27	17° 6	25°45	13° 6	0°52	8° 8	21°23	23° 7	17°33	16°40	9°33	0°17	M 9
T 10	13 49 14	29° 5'29	26°34	2°16	17°41	26°30	13°19	0°48	8° 8	21°24	23° 8	17°23	16°36	9°39	0°20	T 10
W11	13 53 10	0♉ 3'49	10♏45	3° 9	18°17	27°14	13°31	0°43	8° 7	21°26	23° 9	17°12	16°33	9°46	0°22	W11
T 12	13 57 7	1° 2'07	25° 9	4° 5	18°55	27°59	13°43	0°39	8° 7	21°27	23°10	17° 1	16°30	9°53	0°25	T 12
F 13	14 1 4	2° 0'24	9♐39	5° 5	19°34	28°43	13°55	0°34	8° 6	21°29	23°12	16°51	16°27	9°59	0°27	F 13
S 14	14 5 0	2°58'38	24°10	6° 7	20°14	29°28	14° 7	0°29	8° 6	21°31	23°13	16°44	16°24	10° 6	0°30	S 14
S 15	14 8 57	3°56'52	8♑36	7°11	20°55	0♉12	14°18	0°25	8° 5	21°32	23°14	16°40	16°20	10°13	0°32	S 15
M16	14 12 53	4°55'04	22°52	8°19	21°37	0°57	14°30	0°20	8° 5	21°34	23°15	16°38	16°17	10°19	0°34	M16
T 17	14 16 50	5°53'14	6♒58	9°29	22°20	1°41	14°42	0°16	8° 4	21°36	23°16	16°D38	16°14	10°26	0°37	T 17
W18	14 20 46	6°51'23	20°52	10°41	23° 4	2°26	14°53	0°11	8° 3	21°37	23°18	16°R38	16°11	10°33	0°39	W18
T 19	14 24 43	7°49'30	4♓34	11°56	23°49	3°10	15° 5	0° 7	8° 2	21°39	23°19	16°37	16° 8	10°39	0°41	T 19
F 20	14 28 39	8°47'36	18° 6	13°14	24°35	3°54	15°16	0° 2	8° 2	21°41	23°20	16°34	16° 5	10°46	0°43	F 20
S 21	14 32 36	9°45'41	1♈27	14°33	25°21	4°38	15°27	29♎58	8° 1	21°42	23°21	16°28	16° 1	10°53	0°45	S 21
S 22	14 36 33	10°43'44	14°37	15°55	26° 9	5°22	15°38	29°53	8° 0	21°44	23°22	16°20	15°58	10°59	0°47	S 22
M23	14 40 29	11°41'45	27°35	17°19	26°57	6° 6	15°49	29°49	7°59	21°46	23°23	16° 9	15°55	11° 6	0°49	M23
T 24	14 44 26	12°39'45	10♉22	18°46	27°46	6°50	16° 0	29°45	7°58	21°48	23°24	15°56	15°52	11°13	0°51	T 24
W25	14 48 22	13°37'44	22°55	20°14	28°36	7°34	16°11	29°40	7°57	21°50	23°25	15°42	15°49	11°19	0°53	W25
T 26	14 52 19	14°35'41	5♊17	21°45	29°26	8°18	16°22	29°36	7°56	21°51	23°26	15°30	15°46	11°26	0°55	T 26
F 27	14 56 15	15°33'36	17°26	23°17	0♈17	9° 2	16°33	29°32	7°55	21°53	23°28	15°18	15°42	11°33	0°56	F 27
S 28	15 0 12	16°31'29	29°25	24°52	1° 9	9°46	16°43	29°27	7°53	21°55	23°29	15° 9	15°39	11°39	0°58	S 28
S 29	15 4 8	17°29'21	11♋17	26°29	2° 1	10°30	16°54	29°23	7°52	21°57	23°30	15° 3	15°36	11°46	1° 0	S 29
M30	15 8 5	18♉27'11	23♋ 5	28♈ 8	2♈54	11♉13	17♓ 4	29♎19	7♏51	21♊59	23♓30	15♌ 0	15♌33	11♋53	1♓ 1	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n57	19n52	3s35	2s 7	1s 3	3s34	3n17	7n17	0s30	8s12	0s59	9s26	2n44	23s33	0s19	21n58	1s14	17s 8	15s39	15n31	15n45	20n 1	6s 9	5n44
M 2	8 19	19 54	2 46	2 11	1 15	3 35	3 5	7 35	0 29	8 7	0 59	9 25	2 45	23 33	0 19	21 58	1 14	17 8	15 39	15 31	15 46	20 1	6 8	5 44
T 3	8 41	19 2	1 49	2 13	1 27	3 36	2 54	7 52	0 28	8 2	0 59	9 23	2 45	23 33	0 19	21 58	1 14	17 8	15 39	15 31	15 47	20 1	6 7	5 45
W 4	9 3	17 19	0 48	2 12	1 37	3 37	2 43	8 10	0 28	7 58	0 59	9 22	2 45	23 33	0 19	21 58	1 14	17 7	15 40	15 31	15 48	20 2	6 6	5 45
T 5	9 25	14 48	0n17	2 9	1 48	3 36	2 32	8 27	0 27	7 53	0 59	9 20	2 45	23 33	0 19	21 58	1 14	17 7	15 40	15 31	15 49	20 2	6 4	5 45
F 6	9 46	11 34	1 22	2 4	1 57	3 35	2 21	8 44	0 26	7 48	1 0	9 18	2 45	23 33	0 19	21 58	1 14	17 6	15 40	15 31	15 50	20 2	6 3	5 45
S 7	10 8	7 43	2 24	1 56	2 6	3 32	2 10	9 1	0 26	7 44	1 0	9 17	2 45	23 33	0 19	21 58	1 14	17 6	15 40	15 32	15 51	20 2	6 2	5 46
S 8	10 29	3 24	3 21	1 47	2 14	3 29	2 0	9 18	0 25	7 39	1 0	9 15	2 45	23 33	0 19	21 59	1 14	17 6	15 40	15 34	15 52	20 3	6 1	5 46
M 9	10 50	1s13	4 8	1 35	2 21	3 25	1 50	9 35	0 25	7 35	1 0	9 14	2 45	23 33	0 19	21 59	1 14	17 5	15 41	15 37	15 53	20 3	6 0	5 46
T 10	11 11	5 53	4 42	1 21	2 28	3 21	1 40	9 52	0 24	7 30	1 0	9 12	2 45	23 33	0 19	21 59	1 14	17 5	15 41	15 40	15 54	20 3	5 59	5 46
W11	11 31	10 20	5 0	1 5	2 34	3 16	1 30	10 9	0 23	7 26	1 0	9 11	2 45	23 33	0 19	21 59	1 14	17 5	15 41	15 43	15 55	20 3	5 57	5 46
T 12	11 52	14 16	4 59	0 48	2 39	3 10	1 20	10 25	0 23	7 21	1 1	9 9	2 45	23 34	0 19	21 59	1 14	17 5	15 41	15 46	15 56	20 3	5 56	5 47
F 13	12 12	17 22	4 38	0 29	2 43	3 3	1 11	10 42	0 22	7 17	1 1	9 7	2 45	23 34	0 19	21 59	1 14	17 4	15 42	15 49	15 57	20 4	5 55	5 47
S 14	12 32	19 22	4 0	0 7	2 47	2 56	1 2	10 58	0 22	7 12	1 1	9 6	2 45	23 34	0 19	21 59	1 14	17 4	15 42	15 51	15 58	20 4	5 54	5 47
S 15	12 52	20 6	3 7	0n15	2 50	2 48	0 53	11 15	0 21	7 8	1 1	9 4	2 45	23 34	0 19	22 0	1 14	17 4	15 42	15 53	15 58	20 4	5 53	5 48
M16	13 11	19 32	2 2	0 39	2 53	2 39	0 44	11 31	0 20	7 3	1 1	9 3	2 45	23 34	0 19	22 0	1 14	17 3	15 42	15 53	15 59	20 4	5 52	5 48
T 17	13 31	17 45	0 51	1 5	2 55	2 30	0 36	11 47	0 20	6 59	1 2	9 1	2 45	23 34	0 19	22 0	1 14	17 3	15 43	15 53	16 0	20 5	5 51	5 48
W18	13 50	14 56	0s22	1 33	2 56	2 20	0 28	12 3	0 19	6 55	1 2	9 0	2 44	23 34	0 19	22 0	1 14	17 3	15 43	15 53	16 1	20 5	5 50	5 48
T 19	14 9	11 18	1 33	2 1	2 57	2 10	0 20	12 18	0 18	6 51	1 2	8 58	2 44	23 34	0 19	22 0	1 14	17 3	15 43	15 54	16 2	20 5	5 49	5 49
F 20	14 28	7 8	2 38	2 31	2 57	1 59	0 12	12 34	0 18	6 46	1 2	8 57	2 44	23 34	0 19	22 0	1 14	17 2	15 43	15 54	16 3	20 5	5 48	5 49
S 21	14 46	2 41	3 33	3 3	2 56	1 47	0 4	12 50	0 17	6 42	1 2	8 55	2 44	23 34	0 19	22 0	1 14	17 2	15 44	15 56	16 4	20 5	5 47	5 49
S 22	15 5	1n50	4 16	3 35	2 55	1 35	0s 3	13 5	0 17	6 38	1 3	8 54	2 44	23 34	0 19	22 1	1 14	17 2	15 44	15 59	16 5	20 6	5 46	5 49
M23	15 23	6 12	4 45	4 9	2 53	1 22	0 10	13 20	0 16	6 34	1 3	8 52	2 44	23 34	0 19	22 1	1 14	17 2	15 44	16 2	16 6	20 6	5 45	5 50
T 24	15 40	10 14	4 59	4 44	2 51	1 9	0 17	13 35	0 15	6 30	1 3	8 51	2 44	23 34	0 19	22 1	1 14	17 2	15 44	16 6	16 7	20 6	5 44	5 50
W25	15 58	13 44	4 58	5 20	2 48	0 56	0 24	13 50	0 15	6 26	1 3	8 49	2 44	23 34	0 19	22 1	1 14	17 2	15 45	16 10	16 8	20 6	5 43	5 50
T 26	16 15	16 35	4 43	5 57	2 44	0 42	0 30	14 5	0 14	6 22	1 3	8 48	2 44	23 35	0 19	22 1	1 14	17 1	15 45	16 14	16 9	20 6	5 42	5 51
F 27	16 32	18 40	4 15	6 36	2 40	0 27	0 37	14 20	0 13	6 18	1 4	8 47	2 44	23 35	0 19	22 1	1 13	17 1	15 45	16 17	16 10	20 6	5 42	5 51
S 28	16 49	19 53	3 36	7 15	2 35	0 12	0 43	14 34	0 13	6 14	1 4	8 45	2 44	23 35	0 19	22 1	1 13	17 1	15 46	16 20	16 11	20 7	5 41	5 51
S 29	17 5	20 13	2 48	7 54	2 30	0n 3	0 49	14 49	0 12	6 10	1 4	8 44	2 44	23 35	0 19	22 2	1 13	17 1	15 46	16 21	16 12	20 7	5 40	5 51
M30	17n21	19n39	1s53	8n35	2s24	0n19	0s55	15n 3	0s11	6s 6	1s 4	8s42	2n43	23s35	0s19	22n 2	1s13	17s 1	15s46	16n22	16n13	20n 7	5s39	5n52

Julian Day Number = 2294955.5, Delta T = 136.15 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'26, Lahiri = 17°52'26 Julian Calendar 1 Apr. 1571 == Greg. Calendar 11 Apr. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

MAY 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 12 2	19♉25'00	4♌54	29♈49	3♈47	11♉57	17♓14	29°R15	7°R50	22♊ 1	23♓31	14°R59	15♌30	11♋59	1♓ 3	T 1
W 2	15 15 58	20°22'47	16°49	1♉33	4°41	12°41	17°24	29♎11	7♑48	22° 3	23°32	14♌58	15°26	12° 6	1° 4	W 2
T 3	15 19 55	21°20'32	28°55	3°18	5°35	13°24	17°34	29° 7	7°47	22° 5	23°33	14°58	15°23	12°13	1° 5	T 3
F 4	15 23 51	22°18'15	11♍18	5° 5	6°30	14° 8	17°44	29° 3	7°46	22° 7	23°34	14°57	15°20	12°19	1° 7	F 4
S 5	15 27 48	23°15'57	24° 3	6°55	7°26	14°51	17°54	28°59	7°44	22° 9	23°35	14°54	15°17	12°26	1° 8	S 5
S 6	15 31 44	24°13'37	7♎13	8°46	8°22	15°34	18° 4	28°55	7°43	22°11	23°36	14°49	15°14	12°33	1° 9	S 6
M 7	15 35 41	25°11'16	20°51	10°40	9°18	16°18	18°13	28°51	7°41	22°13	23°37	14°41	15°11	12°39	1°10	M 7
T 8	15 39 37	26° 8'53	4♏55	12°36	10°15	17° 1	18°23	28°47	7°39	22°15	23°38	14°31	15° 7	12°46	1°12	T 8
W 9	15 43 34	27° 6'29	19°23	14°33	11°12	17°44	18°32	28°43	7°38	22°17	23°38	14°20	15° 4	12°53	1°13	W 9
T 10	15 47 31	28° 4'03	4♐ 8	16°33	12°10	18°27	18°41	28°40	7°36	22°19	23°39	14° 9	15° 1	12°59	1°14	T 10
F 11	15 51 27	29° 1'37	19° 3	18°34	13° 8	19°10	18°50	28°36	7°34	22°21	23°40	14° 0	14°58	13° 6	1°15	F 11
S 12	15 55 24	29°59'09	3♑57	20°38	14° 7	19°53	18°59	28°33	7°33	22°23	23°41	13°53	14°55	13°13	1°15	S 12
S 13	15 59 20	0♊56'41	18°44	22°43	15° 6	20°36	19° 8	28°29	7°31	22°25	23°41	13°49	14°52	13°19	1°16	S 13
M14	16 3 17	1°54'11	3♒16	24°49	16° 5	21°19	19°17	28°26	7°29	22°27	23°42	13°47	14°48	13°26	1°17	M14
T 15	16 7 13	2°51'41	17°31	26°57	17° 4	22° 2	19°25	28°22	7°27	22°30	23°43	13°D46	14°45	13°33	1°18	T 15
W16	16 11 10	3°49'10	1♓27	29° 7	18° 4	22°45	19°34	28°19	7°26	22°32	23°44	13°R47	14°42	13°39	1°18	W16
T 17	16 15 6	4°46'38	15° 5	1♊17	19° 5	23°28	19°42	28°16	7°24	22°34	23°44	13°46	14°39	13°46	1°19	T 17
F 18	16 19 3	5°44'05	28°26	3°28	20° 5	24°11	19°50	28°13	7°22	22°36	23°45	13°44	14°36	13°53	1°19	F 18
S 19	16 23 0	6°41'32	11♈32	5°40	21° 6	24°53	19°58	28°10	7°20	22°38	23°45	13°40	14°32	13°59	1°20	S 19
S 20	16 26 56	7°38'58	24°24	7°52	22° 7	25°36	20° 6	28° 7	7°18	22°40	23°46	13°33	14°29	14° 6	1°20	S 20
M21	16 30 53	8°36'23	7♉ 4	10° 4	23° 9	26°19	20°14	28° 4	7°16	22°43	23°47	13°23	14°26	14°13	1°21	M21
T 22	16 34 49	9°33'48	19°32	12°16	24°11	27° 1	20°21	28° 1	7°14	22°45	23°47	13°13	14°23	14°19	1°21	T 22
W23	16 38 46	10°31'11	1♊51	14°27	25°13	27°44	20°29	27°58	7°12	22°47	23°48	13° 1	14°20	14°26	1°21	W23
T 24	16 42 42	11°28'34	14° 0	16°38	26°15	28°26	20°36	27°55	7°10	22°49	23°48	12°50	14°17	14°33	1°21	T 24
F 25	16 46 39	12°25'57	26° 0	18°47	27°17	29° 8	20°43	27°53	7° 8	22°51	23°49	12°40	14°13	14°39	1°21	F 25
S 26	16 50 35	13°23'18	7♋54	20°55	28°20	29°51	20°50	27°50	7° 5	22°53	23°49	12°33	14°10	14°46	1°R22	S 26
S 27	16 54 32	14°20'39	19°42	23° 2	29°23	0♊33	20°57	27°48	7° 3	22°56	23°50	12°28	14° 7	14°53	1°22	S 27
M28	16 58 29	15°17'58	1♌29	25° 7	0♉26	1°15	21° 4	27°46	7° 1	22°58	23°50	12°25	14° 4	14°59	1°21	M28
T 29	17 2 25	16°15'17	13°18	27°11	1°30	1°57	21°10	27°43	6°59	23° 0	23°50	12°D25	14° 1	15° 6	1°21	T 29
W30	17 6 22	17°12'35	25°12	29°12	2°34	2°39	21°16	27°41	6°57	23° 2	23°51	12°25	13°57	15°13	1°21	W30
T 31	17 10 18	18♊ 9'52	7♍18	1♋12	3♉37	3♊21	21♓23	27♎39	6♑54	23♊ 5	23♓51	12♌26	13♌54	15♋19	1♓21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n37	18n13	0s53	9n17	2s18	0n35	1s 0	15n17	0s11	6s 2	1s 4	8s41	2n43	23s35	0s19	22n 2	1s13	17s 1	15s46	16n23	16n14	20n 7	5s38	5n52
W 2	17 53	15 59	0n10	9 59	2 12	0 52	1 6	15 31	0 10	5 59	1 5	8 40	2 43	23 35	0 19	22 2	1 13	17 1	15 47	16 23	16 15	20 7	5 37	5 52
T 3	18 8	13 1	1 13	10 42	2 4	1 8	1 11	15 45	0 10	5 55	1 5	8 38	2 43	23 35	0 19	22 2	1 13	17 1	15 47	16 23	16 15	20 7	5 37	5 53
F 4	18 23	9 25	2 15	11 25	1 57	1 25	1 16	15 58	0 9	5 51	1 5	8 37	2 43	23 35	0 19	22 2	1 13	17 0	15 47	16 23	16 16	20 7	5 36	5 53
S 5	18 38	5 18	3 11	12 9	1 49	1 43	1 21	16 12	0 8	5 48	1 5	8 36	2 43	23 35	0 19	22 2	1 13	17 0	15 48	16 24	16 17	20 8	5 35	5 53
S 6	18 52	0 48	4 0	12 53	1 40	2 1	1 26	16 25	0 8	5 44	1 6	8 35	2 43	23 36	0 19	22 3	1 13	17 0	15 48	16 26	16 18	20 8	5 35	5 54
M 7	19 6	3s53	4 36	13 37	1 31	2 19	1 30	16 38	0 7	5 41	1 6	8 33	2 43	23 36	0 19	22 3	1 13	17 0	15 48	16 28	16 19	20 8	5 34	5 54
T 8	19 20	8 31	4 57	14 21	1 22	2 37	1 34	16 51	0 6	5 37	1 6	8 32	2 42	23 36	0 19	22 3	1 13	17 0	15 49	16 31	16 20	20 8	5 33	5 54
W 9	19 33	12 48	5 0	15 5	1 12	2 56	1 39	17 4	0 6	5 34	1 6	8 31	2 42	23 36	0 20	22 3	1 13	17 0	15 49	16 34	16 21	20 8	5 32	5 54
T 10	19 46	16 23	4 44	15 50	1 2	3 15	1 43	17 17	0 5	5 30	1 6	8 30	2 42	23 36	0 20	22 3	1 13	17 0	15 49	16 37	16 22	20 8	5 32	5 55
F 11	19 59	18 56	4 7	16 33	0 52	3 34	1 46	17 29	0 4	5 27	1 7	8 29	2 42	23 36	0 20	22 3	1 13	17 0	15 50	16 40	16 23	20 8	5 31	5 55
S 12	20 12	20 12	3 15	17 17	0 42	3 53	1 50	17 41	0 4	5 24	1 7	8 28	2 42	23 36	0 20	22 3	1 13	17 0	15 50	16 42	16 24	20 8	5 31	5 55
S 13	20 24	20 3	2 9	17 59	0 31	4 13	1 54	17 54	0 3	5 20	1 7	8 27	2 42	23 36	0 20	22 4	1 13	17 0	15 50	16 43	16 25	20 8	5 30	5 56
M14	20 35	18 34	0 56	18 41	0 21	4 32	1 57	18 6	0 3	5 17	1 7	8 26	2 41	23 36	0 20	22 4	1 13	17 0	15 51	16 44	16 26	20 9	5 29	5 56
T 15	20 47	15 56	0s20	19 22	0 10	4 52	2 0	18 17	0 2	5 14	1 8	8 25	2 41	23 37	0 20	22 4	1 13	17 0	15 51	16 44	16 27	20 9	5 29	5 56
W16	20 58	12 25	1 33	20 1	0n 1	5 12	2 3	18 29	0 1	5 11	1 8	8 24	2 41	23 37	0 20	22 4	1 13	17 0	15 51	16 44	16 28	20 9	5 28	5 57
T 17	21 8	8 19	2 38	20 39	0 11	5 33	2 6	18 40	0 1	5 8	1 8	8 23	2 41	23 37	0 20	22 4	1 13	17 0	15 52	16 44	16 29	20 9	5 28	5 57
F 18	21 19	3 54	3 34	21 15	0 22	5 53	2 9	18 52	0n 0	5 5	1 8	8 22	2 41	23 37	0 20	22 4	1 13	17 0	15 52	16 44	16 29	20 9	5 27	5 57
S 19	21 29	0n37	4 17	21 49	0 32	6 13	2 11	19 3	0 1	5 2	1 9	8 21	2 40	23 37	0 20	22 4	1 13	17 1	15 52	16 46	16 30	20 9	5 27	5 58
S 20	21 38	5 2	4 47	22 22	0 42	6 34	2 14	19 14	0 1	4 59	1 9	8 20	2 40	23 37	0 20	22 5	1 13	17 1	15 53	16 48	16 31	20 9	5 27	5 58
M21	21 47	9 9	5 1	22 51	0 51	6 55	2 16	19 24	0 2	4 56	1 9	8 19	2 40	23 37	0 20	22 5	1 13	17 1	15 53	16 50	16 32	20 9	5 26	5 58
T 22	21 56	12 49	5 1	23 19	1 1	7 15	2 18	19 35	0 3	4 54	1 9	8 18	2 40	23 37	0 20	22 5	1 13	17 1	15 53	16 53	16 33	20 9	5 26	5 59
W23	22 4	15 53	4 47	23 44	1 9	7 36	2 20	19 45	0 3	4 51	1 10	8 17	2 40	23 38	0 20	22 5	1 13	17 1	15 54	16 57	16 34	20 9	5 25	5 59
T 24	22 13	18 13	4 20	24 6	1 17	7 57	2 22	19 55	0 4	4 48	1 10	8 17	2 39	23 38	0 20	22 5	1 13	17 1	15 54	17 0	16 35	20 9	5 25	5 59
F 25	22 20	19 44	3 42	24 25	1 25	8 18	2 24	20 5	0 5	4 46	1 10	8 16	2 39	23 38	0 20	22 5	1 13	17 1	15 55	17 3	16 36	20 9	5 25	6 0
S 26	22 27	20 22	2 54	24 42	1 31	8 39	2 25	20 15	0 5	4 43	1 11	8 15	2 39	23 38	0 20	22 5	1 13	17 1	15 55	17 5	16 37	20 9	5 24	6 0
S 27	22 34	20 5	1 59	24 56	1 38	9 0	2 27	20 24	0 6	4 41	1 11	8 15	2 39	23 38	0 20	22 6	1 13	17 2	15 55	17 6	16 38	20 9	5 24	6 0
M28	22 41	18 56	0 58	25 7	1 43	9 21	2 28	20 34	0 6	4 38	1 11	8 14	2 39	23 38	0 20	22 6	1 13	17 2	15 56	17 7	16 39	20 9	5 24	6 0
T 29	22 47	16 57	0n 5	25 15	1 48	9 42	2 29	20 43	0 7	4 36	1 11	8 13	2 38	23 38	0 20	22 6	1 13	17 2	15 56	17 7	16 40	20 10	5 24	6 1
W30	22 53	14 13	1 8	25 21	1 52	10 2	2 30	20 52	0 8	4 34	1 12	8 13	2 38	23 38	0 20	22 6	1 13	17 2	15 56	17 7	16 41	20 10	5 23	6 1
T 31	22n58	10n52	2n10	25n24	1n55	10n23	2s31	21n 1	0n 8	4s32	1s12	8s12	2n38	23s39	0s20	22n 6	1s13	17s 2	15s57	17n 7	16n41	20n10	5s23	6n 1

Julian Day Number = 2294985.5, Delta T = 135.99 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'30, Lahiri = 17°52'31 Julian Calendar 1 May 1571 == Greg. Calendar 11 May 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

JUNE 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 14 15	19♊ 7'08	19♍39	3♋ 9	4♉41	4♊ 3	21♓29	27°R37	6°R52	23♊ 7	23♓51	12°R27	13♌51	15♋26	1°R21	F 1
S 2	17 18 11	20° 4'23	2♎21	5° 4	5°46	4°45	21°35	27♎35	6♏50	23° 9	23°52	12♌26	13°48	15°33	1♓20	S 2
S 3	17 22 8	21° 1'38	15°29	6°57	6°50	5°27	21°40	27°33	6°48	23°11	23°52	12°23	13°45	15°39	1°20	S 3
M 4	17 26 4	21°58'51	29° 5	8°48	7°55	6° 9	21°46	27°32	6°45	23°14	23°52	12°19	13°42	15°46	1°19	M 4
T 5	17 30 1	22°56'04	13♏10	10°36	9° 0	6°51	21°51	27°30	6°43	23°16	23°52	12°13	13°38	15°53	1°19	T 5
W 6	17 33 58	23°53'17	27°41	12°23	10° 5	7°33	21°57	27°28	6°41	23°18	23°53	12° 6	13°35	15°59	1°18	W 6
T 7	17 37 54	24°50'29	12♐35	14° 6	11°10	8°14	22° 2	27°27	6°38	23°20	23°53	11°58	13°32	16° 6	1°17	T 7
F 8	17 41 51	25°47'40	27°42	15°48	12°15	8°56	22° 6	27°26	6°36	23°22	23°53	11°52	13°29	16°13	1°17	F 8
S 9	17 45 47	26°44'52	12♑52	17°27	13°21	9°37	22°11	27°24	6°34	23°25	23°53	11°48	13°26	16°19	1°16	S 9
S 10	17 49 44	27°42'03	27°57	19° 4	14°27	10°19	22°16	27°23	6°31	23°27	23°53	11°45	13°23	16°26	1°15	S 10
M11	17 53 40	28°39'14	12♒47	20°39	15°33	11° 0	22°20	27°22	6°29	23°29	23°53	11°D44	13°19	16°33	1°14	M11
T 12	17 57 37	29°36'24	27°17	22°11	16°39	11°42	22°24	27°21	6°26	23°31	23°53	11°45	13°16	16°39	1°13	T 12
W13	18 1 34	0♋33'35	11♓24	23°41	17°45	12°23	22°28	27°20	6°24	23°34	23°53	11°46	13°13	16°46	1°12	W13
T 14	18 5 30	1°30'46	25° 7	25° 8	18°51	13° 4	22°32	27°19	6°22	23°36	23°53	11°47	13°10	16°53	1°11	T 14
F 15	18 9 27	2°27'57	8♈27	26°33	19°58	13°46	22°36	27°19	6°19	23°38	23°R53	11°R47	13° 7	16°59	1°10	F 15
S 16	18 13 23	3°25'09	21°27	27°56	21° 4	14°27	22°39	27°18	6°17	23°40	23°53	11°46	13° 3	17° 6	1° 9	S 16
S 17	18 17 20	4°22'20	4♉10	29°16	22°11	15° 8	22°43	27°18	6°14	23°43	23°53	11°43	13° 0	17°13	1° 8	S 17
M18	18 21 16	5°19'32	16°38	0♌33	23°18	15°49	22°46	27°17	6°12	23°45	23°53	11°38	12°57	17°19	1° 6	M18
T 19	18 25 13	6°16'44	28°54	1°48	24°25	16°30	22°49	27°17	6° 9	23°47	23°53	11°32	12°54	17°26	1° 5	T 19
W20	18 29 9	7°13'56	11♊ 0	3° 1	25°32	17°11	22°51	27°17	6° 7	23°49	23°53	11°26	12°51	17°33	1° 4	W20
T 21	18 33 6	8°11'08	22°58	4°10	26°40	17°52	22°54	27°17	6° 5	23°51	23°53	11°20	12°48	17°39	1° 2	T 21
F 22	18 37 3	9° 8'21	4♋51	5°17	27°47	18°33	22°56	27°D17	6° 2	23°53	23°53	11°15	12°44	17°46	1° 1	F 22
S 23	18 40 59	10° 5'33	16°40	6°21	28°55	19°14	22°59	27°17	6° 0	23°56	23°53	11°12	12°41	17°52	0°59	S 23
S 24	18 44 56	11° 2'46	28°27	7°23	0♊ 3	19°55	23° 1	27°17	5°57	23°58	23°52	11° 9	12°38	17°59	0°58	S 24
M25	18 48 52	11°59'59	10♌15	8°21	1°10	20°36	23° 2	27°17	5°55	24° 0	23°52	11°D 9	12°35	18° 6	0°56	M25
T 26	18 52 49	12°57'12	22° 7	9°15	2°18	21°16	23° 4	27°18	5°53	24° 2	23°52	11° 9	12°32	18°12	0°54	T 26
W27	18 56 45	13°54'25	4♍ 5	10° 7	3°26	21°57	23° 5	27°18	5°50	24° 4	23°52	11°10	12°29	18°19	0°53	W27
T 28	19 0 42	14°51'38	16°13	10°55	4°35	22°38	23° 7	27°19	5°48	24° 6	23°51	11°12	12°25	18°26	0°51	T 28
F 29	19 4 38	15°48'51	28°36	11°40	5°43	23°18	23° 8	27°19	5°45	24° 8	23°51	11°14	12°22	18°32	0°49	F 29
S 30	19 8 35	16♋46'04	11♎17	12♌21	6♊51	23♊59	23♓ 8	27♎20	5♏43	24♊11	23♓51	11°R14	12♌19	18♋39	0♓47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 3	6n58	3n 7	25n25	1n57	10n44	2s32	21n 9	0n 9	4s29	1s12	8s12	2n38	23s39	0s20	22n 6	1s13	17s 3	15s57	17n 6	16n42	20n10	5s23	6n 2
S 2	23 7	2 40	3 56	25 23	1 59	11 5	2 32	21 18	0 10	4 27	1 12	8 11	2 37	23 39	0 20	22 6	1 13	17 3	15 58	17 7	16 43	20 10	5 23	6 2
S 3	23 11	1s53	4 35	25 18	2 0	11 25	2 33	21 26	0 10	4 25	1 13	8 11	2 37	23 39	0 20	22 6	1 13	17 3	15 58	17 7	16 44	20 10	5 23	6 2
M 4	23 15	6 30	5 0	25 12	2 0	11 46	2 33	21 34	0 11	4 23	1 13	8 11	2 37	23 39	0 20	22 7	1 13	17 3	15 58	17 9	16 45	20 10	5 23	6 3
T 5	23 18	10 56	5 8	25 4	2 0	12 6	2 33	21 42	0 12	4 22	1 13	8 10	2 37	23 39	0 20	22 7	1 13	17 3	15 59	17 10	16 46	20 10	5 22	6 3
W 6	23 21	14 52	4 57	24 53	1 59	12 27	2 33	21 49	0 12	4 20	1 14	8 10	2 36	23 39	0 20	22 7	1 13	17 4	15 59	17 12	16 47	20 10	5 22	6 3
T 7	23 24	17 58	4 25	24 41	1 57	12 47	2 33	21 57	0 13	4 18	1 14	8 10	2 36	23 40	0 20	22 7	1 13	17 4	15 59	17 14	16 48	20 10	5 22	6 4
F 8	23 26	19 53	3 35	24 27	1 54	13 7	2 33	22 4	0 14	4 16	1 14	8 9	2 36	23 40	0 20	22 7	1 13	17 4	16 0	17 16	16 49	20 10	5 22	6 4
S 9	23 27	20 23	2 30	24 11	1 51	13 27	2 33	22 11	0 14	4 15	1 14	8 9	2 36	23 40	0 20	22 7	1 13	17 5	16 0	17 17	16 50	20 10	5 22	6 4
S 10	23 28	19 24	1 14	23 54	1 47	13 46	2 33	22 17	0 15	4 13	1 15	8 9	2 35	23 40	0 20	22 7	1 13	17 5	16 0	17 18	16 51	20 10	5 22	6 4
M11	23 29	17 6	0s 6	23 36	1 43	14 6	2 32	22 24	0 15	4 12	1 15	8 9	2 35	23 40	0 20	22 7	1 13	17 5	16 1	17 18	16 52	20 10	5 22	6 5
T 12	23 30	13 45	1 23	23 16	1 38	14 25	2 32	22 30	0 16	4 10	1 15	8 9	2 35	23 40	0 20	22 8	1 13	17 5	16 1	17 18	16 52	20 10	5 22	6 5
W13	23 30	9 41	2 34	22 55	1 32	14 44	2 31	22 36	0 17	4 9	1 16	8 9	2 35	23 40	0 20	22 8	1 13	17 6	16 2	17 18	16 53	20 10	5 23	6 5
T 14	23 29	5 13	3 34	22 34	1 26	15 3	2 31	22 42	0 17	4 8	1 16	8 9	2 34	23 40	0 20	22 8	1 13	17 6	16 2	17 17	16 54	20 10	5 23	6 6
F 15	23 28	0 37	4 20	22 11	1 19	15 22	2 30	22 48	0 18	4 7	1 16	8 9	2 34	23 41	0 20	22 8	1 13	17 6	16 2	17 17	16 55	20 9	5 23	6 6
S 16	23 27	3n52	4 52	21 47	1 11	15 40	2 29	22 54	0 19	4 6	1 17	8 9	2 34	23 41	0 20	22 8	1 13	17 7	16 3	17 18	16 56	20 9	5 23	6 6
S 17	23 25	8 6	5 8	21 23	1 4	15 59	2 28	22 59	0 19	4 5	1 17	8 9	2 34	23 41	0 20	22 8	1 13	17 7	16 3	17 19	16 57	20 9	5 23	6 6
M18	23 23	11 53	5 10	20 58	0 55	16 16	2 27	23 4	0 20	4 4	1 17	8 9	2 33	23 41	0 20	22 8	1 13	17 8	16 3	17 20	16 58	20 9	5 23	6 7
T 19	23 21	15 7	4 57	20 33	0 46	16 34	2 25	23 9	0 21	4 3	1 17	8 9	2 33	23 41	0 20	22 8	1 13	17 8	16 4	17 22	16 59	20 9	5 23	6 7
W20	23 18	17 40	4 31	20 7	0 37	16 51	2 24	23 14	0 21	4 2	1 18	8 9	2 33	23 41	0 20	22 8	1 13	17 8	16 4	17 23	17 0	20 9	5 24	6 7
T 21	23 14	19 25	3 53	19 41	0 27	17 8	2 23	23 18	0 22	4 1	1 18	8 9	2 33	23 41	0 20	22 8	1 13	17 9	16 5	17 25	17 1	20 9	5 24	6 7
F 22	23 11	20 19	3 6	19 15	0 16	17 25	2 21	23 22	0 22	4 0	1 18	8 10	2 32	23 41	0 20	22 9	1 13	17 9	16 5	17 26	17 1	20 9	5 24	6 8
S 23	23 6	20 18	2 10	18 49	0 6	17 41	2 20	23 26	0 23	4 0	1 19	8 10	2 32	23 42	0 20	22 9	1 13	17 9	16 5	17 27	17 2	20 9	5 25	6 8
S 24	23 2	19 23	1 9	18 23	0s 6	17 57	2 18	23 30	0 24	3 59	1 19	8 10	2 32	23 42	0 20	22 9	1 13	17 10	16 6	17 28	17 3	20 9	5 25	6 8
M25	22 57	17 38	0 5	17 56	0 17	18 13	2 16	23 34	0 24	3 59	1 19	8 10	2 31	23 42	0 20	22 9	1 13	17 10	16 6	17 28	17 4	20 9	5 25	6 8
T 26	22 52	15 7	1n 0	17 30	0 29	18 28	2 15	23 37	0 25	3 59	1 20	8 11	2 31	23 42	0 20	22 9	1 13	17 11	16 6	17 28	17 5	20 9	5 26	6 9
W27	22 46	11 57	2 3	17 5	0 42	18 43	2 13	23 40	0 26	3 58	1 20	8 11	2 31	23 42	0 20	22 9	1 13	17 11	16 7	17 28	17 6	20 9	5 26	6 9
T 28	22 40	8 14	3 1	16 40	0 54	18 58	2 11	23 43	0 26	3 58	1 20	8 12	2 31	23 42	0 20	22 9	1 13	17 12	16 7	17 27	17 7	20 9	5 26	6 9
F 29	22 33	4 7	3 52	16 15	1 7	19 12	2 9	23 46	0 27	3 58	1 21	8 12	2 30	23 42	0 20	22 9	1 13	17 12	16 7	17 27	17 8	20 9	5 27	6 9
S 30	22n26	0s17	4n33	15n51	1s21	19n25	2s 7	23n49	0n27	3s58	1s21	8s13	2n30	23s42	0s20	22n 9	1s13	17s12	16s 8	17n27	17n 9	20n 8	5s27	6n10

Julian Day Number = 2295016.5, Delta T = 135.83 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'34, Lahiri = 17°52'35 Julian Calendar 1 June 1571 == Greg. Calendar 11 June 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

JULY 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 12 32	17♋43'18	24♎21	12♌58	8♊ 0	24♊39	23♓ 9	27♎21	5°R41	24♊13	23°R50	11°R14	12♌16	18♋46	0°R45	S 1
M 2	19 16 28	18°40'31	7♏51	13°32	9° 8	25°19	23° 9	27°22	5♑38	24°15	23♓50	11♌13	12°13	18°52	0♓43	M 2
T 3	19 20 25	19°37'45	21°48	14° 1	10°17	26° 0	23°10	27°23	5°36	24°17	23°50	11°11	12° 9	18°59	0°41	T 3
W 4	19 24 21	20°34'59	6♐12	14°26	11°26	26°40	23°R10	27°24	5°34	24°19	23°49	11° 9	12° 6	19° 6	0°39	W 4
T 5	19 28 18	21°32'13	20°59	14°46	12°35	27°20	23°10	27°26	5°31	24°21	23°49	11° 6	12° 3	19°12	0°37	T 5
F 6	19 32 14	22°29'28	6♑ 3	15° 2	13°44	28° 1	23° 9	27°27	5°29	24°23	23°48	11° 4	12° 0	19°19	0°35	F 6
S 7	19 36 11	23°26'43	21°15	15°13	14°53	28°41	23° 9	27°28	5°27	24°25	23°48	11° 3	11°57	19°26	0°33	S 7
S 8	19 40 7	24°23'58	6♒27	15°20	16° 2	29°21	23° 8	27°30	5°25	24°27	23°47	11°D 2	11°54	19°32	0°30	S 8
M 9	19 44 4	25°21'15	21°28	15°R21	17°11	0♋ 1	23° 7	27°32	5°22	24°29	23°47	11° 2	11°50	19°39	0°28	M 9
T 10	19 48 1	26°18'32	6♓10	15°18	18°21	0°41	23° 6	27°33	5°20	24°31	23°46	11° 3	11°47	19°46	0°26	T 10
W11	19 51 57	27°15'50	20°29	15° 9	19°30	1°21	23° 5	27°35	5°18	24°33	23°46	11° 4	11°44	19°52	0°24	W11
T 12	19 55 54	28°13'09	4♈22	14°56	20°40	2° 1	23° 3	27°37	5°16	24°35	23°45	11° 5	11°41	19°59	0°21	T 12
F 13	19 59 50	29°10'29	17°48	14°37	21°49	2°41	23° 1	27°39	5°14	24°37	23°45	11° 6	11°38	20° 6	0°19	F 13
S 14	20 3 47	0♌ 7'50	0♉51	14°14	22°59	3°20	22°59	27°41	5°11	24°39	23°44	11°R 6	11°35	20°12	0°16	S 14
S 15	20 7 43	1° 5'12	13°31	13°46	24° 9	4° 0	22°57	27°43	5° 9	24°41	23°43	11° 6	11°31	20°19	0°14	S 15
M16	20 11 40	2° 2'35	25°54	13°13	25°19	4°40	22°55	27°46	5° 7	24°42	23°43	11° 5	11°28	20°26	0°11	M16
T 17	20 15 36	3° 0'00	8♊ 3	12°37	26°29	5°20	22°53	27°48	5° 5	24°44	23°42	11° 4	11°25	20°32	0° 9	T 17
W18	20 19 33	3°57'25	20° 2	11°57	27°39	5°59	22°50	27°51	5° 3	24°46	23°41	11° 3	11°22	20°39	0° 6	W18
T 19	20 23 30	4°54'52	1♋54	11°15	28°49	6°39	22°47	27°53	5° 1	24°48	23°41	11° 2	11°19	20°46	0° 3	T 19
F 20	20 27 26	5°52'20	13°43	10°30	29°59	7°18	22°44	27°56	4°59	24°50	23°40	11° 1	11°15	20°52	0° 1	F 20
S 21	20 31 23	6°49'49	25°30	9°44	1♋10	7°58	22°41	27°59	4°57	24°51	23°39	11° 1	11°12	20°59	29♒58	S 21
S 22	20 35 19	7°47'19	7♌20	8°57	2°20	8°37	22°37	28° 2	4°55	24°53	23°38	11°D 1	11° 9	21° 6	29°55	S 22
M23	20 39 16	8°44'50	19°13	8°10	3°31	9°17	22°34	28° 4	4°53	24°55	23°38	11° 1	11° 6	21°12	29°53	M23
T 24	20 43 12	9°42'22	1♍11	7°24	4°42	9°56	22°30	28° 8	4°52	24°57	23°37	11° 1	11° 3	21°19	29°50	T 24
W25	20 47 9	10°39'55	13°19	6°40	5°52	10°35	22°26	28°11	4°50	24°58	23°36	11°R 1	11° 0	21°25	29°47	W25
T 26	20 51 5	11°37'29	25°36	5°59	7° 3	11°14	22°22	28°14	4°48	25° 0	23°35	11° 1	10°56	21°32	29°44	T 26
F 27	20 55 2	12°35'04	8♎ 7	5°22	8°14	11°54	22°17	28°17	4°46	25° 2	23°34	11° 1	10°53	21°39	29°42	F 27
S 28	20 58 59	13°32'40	20°54	4°48	9°25	12°33	22°13	28°20	4°44	25° 3	23°34	11° 1	10°50	21°45	29°39	S 28
S 29	21 2 55	14°30'17	3♏59	4°21	10°36	13°12	22° 8	28°24	4°43	25° 5	23°33	11° 1	10°47	21°52	29°36	S 29
M30	21 6 52	15°27'54	17°24	3°58	11°47	13°51	22° 3	28°27	4°41	25° 6	23°32	11°D 1	10°44	21°59	29°33	M30
T 31	21 10 48	16♌25'33	1♐12	3♌42	12♋58	14♋30	21♓58	28♎31	4♑40	25♊ 8	23♓31	11♌ 1	10♌41	22♋ 5	29♒30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n19	4s47	5n 2	15n27	1s34	19n39	2s 4	23n51	0n28	3s58	1s21	8s13	2n30	23s42	0s20	22n 9	1s13	17s13	16s 8	17n27	17n10	20n 8	5s28	6n10
M 2	22 11	9 11	5 15	15 5	1 48	19 51	2 2	23 53	0 29	3 58	1 21	8 14	2 30	23 43	0 20	22 9	1 13	17 13	16 9	17 27	17 10	20 8	5 28	6 10
T 3	22 3	13 16	5 10	14 43	2 1	20 4	2 0	23 55	0 29	3 58	1 22	8 15	2 29	23 43	0 20	22 10	1 13	17 14	16 9	17 27	17 11	20 8	5 29	6 10
W 4	21 55	16 42	4 46	14 23	2 15	20 16	1 58	23 57	0 30	3 59	1 22	8 15	2 29	23 43	0 20	22 10	1 13	17 14	16 9	17 28	17 12	20 8	5 29	6 10
T 5	21 46	19 9	4 3	14 4	2 29	20 27	1 55	23 59	0 31	3 59	1 22	8 16	2 29	23 43	0 20	22 10	1 13	17 15	16 10	17 29	17 13	20 8	5 30	6 11
F 6	21 37	20 20	3 2	13 46	2 43	20 38	1 53	24 0	0 31	3 59	1 23	8 17	2 28	23 43	0 20	22 10	1 13	17 15	16 10	17 29	17 14	20 8	5 30	6 11
S 7	21 27	20 3	1 47	13 29	2 57	20 48	1 50	24 1	0 32	4 0	1 23	8 18	2 28	23 43	0 20	22 10	1 13	17 16	16 10	17 30	17 15	20 8	5 31	6 11
S 8	21 17	18 18	0 25	13 15	3 10	20 58	1 48	24 2	0 32	4 0	1 23	8 18	2 28	23 43	0 20	22 10	1 13	17 16	16 11	17 30	17 16	20 8	5 32	6 11
M 9	21 7	15 17	0s57	13 2	3 23	21 8	1 45	24 3	0 33	4 1	1 24	8 19	2 28	23 43	0 20	22 10	1 13	17 17	16 11	17 30	17 17	20 7	5 32	6 11
T 10	20 56	11 21	2 15	12 50	3 36	21 17	1 42	24 3	0 34	4 2	1 24	8 20	2 27	23 43	0 20	22 10	1 13	17 17	16 11	17 30	17 17	20 7	5 33	6 11
W11	20 45	6 52	3 22	12 41	3 49	21 25	1 40	24 3	0 34	4 3	1 24	8 21	2 27	23 43	0 20	22 10	1 13	17 18	16 12	17 29	17 18	20 7	5 33	6 12
T 12	20 34	2 9	4 14	12 34	4 0	21 33	1 37	24 4	0 35	4 3	1 25	8 22	2 27	23 44	0 20	22 10	1 13	17 18	16 12	17 29	17 19	20 7	5 34	6 12
F 13	20 22	2n31	4 51	12 29	4 11	21 40	1 34	24 3	0 36	4 4	1 25	8 23	2 27	23 44	0 20	22 10	1 13	17 19	16 12	17 29	17 20	20 7	5 35	6 12
S 14	20 10	6 55	5 12	12 26	4 21	21 47	1 31	24 3	0 36	4 5	1 25	8 24	2 26	23 44	0 20	22 10	1 13	17 19	16 13	17 29	17 21	20 7	5 36	6 12
S 15	19 58	10 53	5 17	12 25	4 30	21 53	1 29	24 3	0 37	4 7	1 25	8 25	2 26	23 44	0 20	22 10	1 13	17 20	16 13	17 29	17 22	20 6	5 36	6 12
M16	19 45	14 18	5 7	12 27	4 37	21 59	1 26	24 2	0 37	4 8	1 26	8 26	2 26	23 44	0 20	22 10	1 13	17 21	16 13	17 29	17 23	20 6	5 37	6 12
T 17	19 32	17 3	4 43	12 31	4 44	22 4	1 23	24 1	0 38	4 9	1 26	8 27	2 26	23 44	0 20	22 10	1 13	17 21	16 13	17 29	17 24	20 6	5 38	6 13
W18	19 19	19 1	4 7	12 37	4 49	22 9	1 20	24 0	0 39	4 10	1 26	8 28	2 25	23 44	0 20	22 11	1 13	17 22	16 14	17 30	17 25	20 6	5 39	6 13
T 19	19 5	20 8	3 21	12 46	4 52	22 13	1 17	23 59	0 39	4 12	1 27	8 29	2 25	23 44	0 20	22 11	1 13	17 22	16 14	17 30	17 25	20 6	5 39	6 13
F 20	18 51	20 22	2 26	12 56	4 53	22 16	1 14	23 57	0 40	4 13	1 27	8 31	2 25	23 44	0 20	22 11	1 13	17 23	16 14	17 30	17 26	20 6	5 40	6 13
S 21	18 36	19 42	1 25	13 9	4 53	22 19	1 11	23 56	0 40	4 15	1 27	8 32	2 25	23 44	0 20	22 11	1 13	17 23	16 15	17 30	17 27	20 5	5 41	6 13
S 22	18 22	18 9	0 20	13 23	4 51	22 21	1 8	23 54	0 41	4 16	1 27	8 33	2 24	23 44	0 20	22 11	1 13	17 24	16 15	17 30	17 28	20 5	5 42	6 13
M23	18 7	15 49	0n45	13 38	4 47	22 22	1 5	23 52	0 42	4 18	1 28	8 34	2 24	23 44	0 20	22 11	1 13	17 24	16 15	17 30	17 29	20 5	5 43	6 13
T 24	17 52	12 47	1 50	13 55	4 41	22 23	1 1	23 49	0 42	4 20	1 28	8 36	2 24	23 44	0 20	22 11	1 13	17 25	16 15	17 30	17 30	20 5	5 44	6 13
W25	17 36	9 11	2 50	14 14	4 34	22 23	0 58	23 47	0 43	4 22	1 28	8 37	2 24	23 45	0 20	22 11	1 13	17 26	16 16	17 30	17 31	20 5	5 44	6 13
T 26	17 20	5 10	3 43	14 32	4 25	22 23	0 55	23 44	0 43	4 24	1 29	8 38	2 23	23 45	0 20	22 11	1 13	17 26	16 16	17 30	17 32	20 4	5 45	6 13
F 27	17 4	0 52	4 27	14 52	4 14	22 22	0 52	23 41	0 44	4 26	1 29	8 40	2 23	23 45	0 20	22 11	1 13	17 27	16 16	17 30	17 32	20 4	5 46	6 13
S 28	16 48	3s34	4 58	15 12	4 2	22 21	0 49	23 38	0 45	4 28	1 29	8 41	2 23	23 45	0 20	22 11	1 13	17 27	16 17	17 30	17 33	20 4	5 47	6 14
S 29	16 31	7 55	5 15	15 31	3 48	22 18	0 46	23 35	0 45	4 30	1 29	8 43	2 23	23 45	0 20	22 11	1 13	17 28	16 17	17 30	17 34	20 4	5 48	6 14
M30	16 14	12 1	5 16	15 51	3 34	22 16	0 43	23 32	0 46	4 32	1 30	8 44	2 22	23 45	0 20	22 11	1 13	17 28	16 17	17 30	17 35	20 4	5 49	6 14
T 31	15n57	15s35	4n58	16n 9	3s18	22n12	0s40	23n28	0n46	4s34	1s30	8s46	2n22	23s45	0s20	22n11	1s13	17s29	16s17	17n30	17n36	20n 3	5s50	6n14

Julian Day Number = 2295046.5, Delta T = 135.67 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'39, Lahiri = 17°52'39 Julian Calendar 1 July 1571 == Greg. Calendar 11 July 1571

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1571
geocentric

AUGUST 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 14 45	17♌23'13	15♐22	3°R33	14♋ 9	15♋ 9	21°R53	28♎35	4°R38	25♊10	23°R30	11♌ 1	10♌37	22♋12	29°R27	W 1
T 2	21 18 41	18°20'54	29°53	3°D31	15°21	15°48	21♓48	28°39	4♑36	25°11	23♓29	11° 2	10°34	22°19	29♒24	T 2
F 3	21 22 38	19°18'37	14♑41	3♌36	16°32	16°26	21°42	28°42	4°35	25°13	23°28	11° 2	10°31	22°25	29°21	F 3
S 4	21 26 34	20°16'20	29°41	3°49	17°44	17° 5	21°37	28°46	4°33	25°14	23°27	11° 3	10°28	22°32	29°18	S 4
S 5	21 30 31	21°14'04	14♒44	4° 9	18°55	17°44	21°31	28°50	4°32	25°15	23°26	11°R 3	10°25	22°39	29°15	S 5
M 6	21 34 28	22°11'50	29°42	4°37	20° 7	18°23	21°25	28°54	4°31	25°17	23°25	11° 3	10°21	22°45	29°13	M 6
T 7	21 38 24	23° 9'38	14♓26	5°13	21°19	19° 1	21°19	28°59	4°29	25°18	23°24	11° 2	10°18	22°52	29°10	T 7
W 8	21 42 21	24° 7'27	28°51	5°56	22°30	19°40	21°13	29° 3	4°28	25°20	23°23	11° 0	10°15	22°59	29° 7	W 8
T 9	21 46 17	25° 5'17	12♈51	6°46	23°42	20°19	21° 7	29° 7	4°27	25°21	23°22	10°58	10°12	23° 5	29° 4	T 9
F 10	21 50 14	26° 3'09	26°25	7°43	24°54	20°57	21° 0	29°12	4°26	25°22	23°21	10°57	10° 9	23°12	29° 1	F 10
S 11	21 54 10	27° 1'04	9♉32	8°47	26° 6	21°35	20°53	29°16	4°24	25°23	23°20	10°55	10° 6	23°19	28°58	S 11
S 12	21 58 7	27°59'00	22°16	9°58	27°18	22°14	20°47	29°21	4°23	25°25	23°19	10°D55	10° 2	23°25	28°55	S 12
M13	22 2 3	28°56'57	4♊39	11°14	28°30	22°52	20°40	29°25	4°22	25°26	23°18	10°55	9°59	23°32	28°52	M13
T 14	22 6 0	29°54'57	16°47	12°36	29°42	23°31	20°33	29°30	4°21	25°27	23°17	10°55	9°56	23°39	28°49	T 14
W15	22 9 56	0♍52'59	28°43	14° 4	0♌55	24° 9	20°26	29°35	4°20	25°28	23°16	10°57	9°53	23°45	28°46	W15
T 16	22 13 53	1°51'02	10♋33	15°36	2° 7	24°47	20°19	29°40	4°19	25°29	23°15	10°58	9°50	23°52	28°43	T 16
F 17	22 17 50	2°49'08	22°20	17°13	3°19	25°25	20°12	29°44	4°18	25°31	23°13	11° 0	9°47	23°58	28°40	F 17
S 18	22 21 46	3°47'15	4♌ 9	18°53	4°32	26° 3	20° 4	29°49	4°17	25°32	23°12	11° 1	9°43	24° 5	28°37	S 18
S 19	22 25 43	4°45'24	16° 3	20°37	5°44	26°41	19°57	29°54	4°17	25°33	23°11	11°R 1	9°40	24°12	28°34	S 19
M20	22 29 39	5°43'35	28° 4	22°24	6°57	27°19	19°49	29°59	4°16	25°34	23°10	11° 0	9°37	24°18	28°31	M20
T 21	22 33 36	6°41'48	10♍14	24°12	8°10	27°57	19°42	0♏ 5	4°15	25°35	23° 9	10°57	9°34	24°25	28°28	T 21
W22	22 37 32	7°40'02	22°36	26° 3	9°23	28°35	19°34	0°10	4°15	25°36	23° 8	10°54	9°31	24°32	28°25	W22
T 23	22 41 29	8°38'18	5♎10	27°55	10°35	29°13	19°26	0°15	4°14	25°36	23° 7	10°50	9°27	24°38	28°22	T 23
F 24	22 45 25	9°36'36	17°57	29°49	11°48	29°51	19°19	0°21	4°13	25°37	23° 6	10°45	9°24	24°45	28°19	F 24
S 25	22 49 22	10°34'55	0♏58	1♍43	13° 1	0♌29	19°11	0°26	4°13	25°38	23° 4	10°40	9°21	24°52	28°16	S 25
S 26	22 53 19	11°33'16	14°12	3°37	14°14	1° 7	19° 3	0°31	4°12	25°39	23° 3	10°37	9°18	24°58	28°13	S 26
M27	22 57 15	12°31'39	27°42	5°32	15°27	1°44	18°55	0°37	4°12	25°40	23° 2	10°34	9°15	25° 5	28°10	M27
T 28	23 1 12	13°30'03	11♐26	7°27	16°40	2°22	18°47	0°43	4°12	25°41	23° 1	10°D34	9°12	25°12	28° 7	T 28
W29	23 5 8	14°28'29	25°26	9°21	17°53	2°59	18°39	0°48	4°11	25°41	23° 0	10°34	9° 8	25°18	28° 4	W29
T 30	23 9 5	15°26'56	9♑40	11°15	19° 7	3°37	18°31	0°54	4°11	25°42	22°58	10°35	9° 5	25°25	28° 2	T 30
F 31	23 13 1	16♍25'25	24♑ 7	13♍ 8	20♌20	4♌14	18♓23	1♏ 0	4♑11	25♊43	22♓57	10♌37	9♌ 2	25♋32	27♒59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n40	18s20	4n23	16n27	3s 2	22n 8	0s36	23n25	0n47	4s36	1s30	8s47	2n22	23s45	0s20	22n11	1s13	17s30	16s17	17n30	17n37	20n 3	5s51	6n14
T 2	15 22	20 0	3 29	16 44	2 45	22 3	0 33	23 21	0 48	4 39	1 30	8 49	2 22	23 45	0 20	22 11	1 13	17 30	16 18	17 30	17 38	20 3	5 52	6 14
F 3	15 4	20 20	2 21	17 0	2 28	21 58	0 30	23 17	0 48	4 41	1 31	8 50	2 21	23 45	0 20	22 11	1 13	17 31	16 18	17 30	17 38	20 3	5 53	6 14
S 4	14 46	19 14	1 3	17 14	2 10	21 52	0 27	23 12	0 49	4 43	1 31	8 52	2 21	23 45	0 20	22 11	1 13	17 31	16 18	17 30	17 39	20 2	5 54	6 14
S 5	14 27	16 47	0s20	17 26	1 53	21 46	0 24	23 8	0 49	4 46	1 31	8 53	2 21	23 45	0 20	22 11	1 13	17 32	16 18	17 30	17 40	20 2	5 55	6 14
M 6	14 9	13 11	1 42	17 37	1 35	21 39	0 21	23 3	0 50	4 48	1 31	8 55	2 21	23 45	0 20	22 11	1 13	17 33	16 19	17 30	17 41	20 2	5 56	6 14
T 7	13 50	8 50	2 55	17 45	1 18	21 31	0 18	22 59	0 51	4 51	1 31	8 57	2 20	23 45	0 20	22 11	1 13	17 33	16 19	17 30	17 42	20 2	5 57	6 14
W 8	13 31	4 3	3 55	17 51	1 1	21 22	0 14	22 54	0 51	4 54	1 32	8 58	2 20	23 45	0 20	22 11	1 13	17 34	16 19	17 31	17 43	20 1	5 58	6 14
T 9	13 11	0n48	4 39	17 55	0 44	21 13	0 11	22 49	0 52	4 56	1 32	9 0	2 20	23 45	0 20	22 11	1 13	17 34	16 19	17 31	17 44	20 1	5 59	6 14
F 10	12 52	5 27	5 7	17 56	0 28	21 4	0 8	22 43	0 52	4 59	1 32	9 2	2 20	23 45	0 20	22 11	1 13	17 35	16 19	17 31	17 44	20 1	6 0	6 14
S 11	12 32	9 42	5 16	17 54	0 13	20 53	0 5	22 38	0 53	5 2	1 32	9 4	2 20	23 45	0 20	22 11	1 13	17 35	16 20	17 32	17 45	20 0	6 1	6 14
S 12	12 12	13 22	5 10	17 49	0n 2	20 43	0 2	22 32	0 54	5 5	1 32	9 6	2 19	23 45	0 20	22 11	1 13	17 36	16 20	17 32	17 46	20 0	6 2	6 14
M13	11 52	16 22	4 50	17 41	0 15	20 31	0n 1	22 26	0 54	5 8	1 33	9 7	2 19	23 45	0 20	22 11	1 13	17 37	16 20	17 32	17 47	20 0	6 3	6 14
T 14	11 32	18 35	4 17	17 31	0 28	20 19	0 4	22 21	0 55	5 10	1 33	9 9	2 19	23 45	0 20	22 11	1 14	17 37	16 20	17 32	17 48	20 0	6 4	6 13
W15	11 11	19 56	3 33	17 17	0 40	20 7	0 7	22 14	0 55	5 13	1 33	9 11	2 19	23 45	0 20	22 11	1 14	17 38	16 20	17 31	17 49	19 59	6 5	6 13
T 16	10 50	20 24	2 40	17 1	0 51	19 53	0 10	22 8	0 56	5 16	1 33	9 13	2 19	23 45	0 20	22 11	1 14	17 38	16 20	17 31	17 50	19 59	6 7	6 13
F 17	10 30	19 58	1 41	16 41	1 1	19 40	0 13	22 2	0 57	5 19	1 33	9 15	2 18	23 46	0 20	22 11	1 14	17 39	16 21	17 31	17 50	19 59	6 8	6 13
S 18	10 8	18 39	0 38	16 19	1 10	19 25	0 15	21 55	0 57	5 22	1 33	9 17	2 18	23 46	0 20	22 11	1 14	17 40	16 21	17 30	17 51	19 58	6 9	6 13
S 19	9 47	16 30	0n28	15 53	1 18	19 10	0 18	21 49	0 58	5 25	1 34	9 19	2 18	23 46	0 20	22 11	1 14	17 40	16 21	17 30	17 52	19 58	6 10	6 13
M20	9 26	13 37	1 33	15 25	1 25	18 55	0 21	21 42	0 58	5 29	1 34	9 21	2 18	23 46	0 20	22 11	1 14	17 41	16 21	17 31	17 53	19 58	6 11	6 13
T 21	9 4	10 7	2 34	14 55	1 31	18 39	0 24	21 35	0 59	5 32	1 34	9 23	2 18	23 46	0 20	22 11	1 14	17 41	16 21	17 31	17 54	19 57	6 12	6 13
W22	8 43	6 8	3 29	14 22	1 36	18 22	0 27	21 28	1 0	5 35	1 34	9 25	2 17	23 46	0 20	22 11	1 14	17 42	16 21	17 32	17 55	19 57	6 13	6 13
T 23	8 21	1 50	4 15	13 48	1 40	18 5	0 29	21 20	1 0	5 38	1 34	9 27	2 17	23 46	0 20	22 11	1 14	17 42	16 21	17 33	17 56	19 57	6 14	6 13
F 24	7 59	2s37	4 49	13 11	1 44	17 48	0 32	21 13	1 1	5 41	1 34	9 29	2 17	23 46	0 20	22 11	1 14	17 43	16 21	17 35	17 56	19 56	6 15	6 12
S 25	7 37	7 1	5 8	12 32	1 46	17 30	0 34	21 6	1 1	5 44	1 34	9 31	2 17	23 46	0 20	22 11	1 14	17 43	16 22	17 36	17 57	19 56	6 17	6 12
S 26	7 15	11 10	5 12	11 52	1 48	17 11	0 37	20 58	1 2	5 47	1 34	9 33	2 17	23 46	0 20	22 11	1 14	17 44	16 22	17 37	17 58	19 56	6 18	6 12
M27	6 52	14 50	4 59	11 11	1 48	16 52	0 40	20 50	1 3	5 51	1 35	9 35	2 16	23 46	0 20	22 11	1 14	17 45	16 22	17 38	17 59	19 55	6 19	6 12
T 28	6 30	17 46	4 29	10 28	1 48	16 33	0 42	20 42	1 3	5 54	1 35	9 37	2 16	23 46	0 20	22 11	1 14	17 45	16 22	17 38	18 0	19 55	6 20	6 12
W29	6 8	19 43	3 42	9 45	1 48	16 13	0 44	20 34	1 4	5 57	1 35	9 39	2 16	23 46	0 20	22 11	1 14	17 46	16 22	17 38	18 1	19 55	6 21	6 12
T 30	5 45	20 28	2 41	9 0	1 46	15 52	0 47	20 26	1 4	6 0	1 35	9 41	2 16	23 46	0 20	22 11	1 14	17 46	16 22	17 37	18 1	19 54	6 22	6 12
F 31	5n22	19s53	1n29	8n15	1n44	15n31	0n49	20n18	1n 5	6s 3	1s35	9s44	2n16	23s46	0s20	22n11	1s14	17s47	16s22	17n37	18n 2	19n54	6s23	6n11

Julian Day Number = 2295077.5, Delta T = 135.51 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'43, Lahiri = 17°52'43 Julian Calendar 1 Aug. 1571 == Greg. Calendar 11 Aug. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

SEPTEMBER 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 16 58	17♍23'56	8♒43	15♍ 1	21♌33	4♌52	18°R15	1♏ 5	4°R11	25♊43	22°R56	10°R37	8♌59	25♋38	27°R56	S 1
S 2	23 20 54	18°22'28	23°25	16°53	22°46	5°29	18♓ 7	1°11	4♑10	25°44	22♓55	10♌37	8°56	25°45	27♒53	S 2
M 3	23 24 51	19°21'02	8♓ 6	18°44	24° 0	6° 6	17°59	1°17	4°10	25°45	22°54	10°34	8°52	25°52	27°51	M 3
T 4	23 28 48	20°19'38	22°38	20°34	25°13	6°44	17°51	1°23	4°D10	25°45	22°52	10°30	8°49	25°58	27°48	T 4
W 5	23 32 44	21°18'16	6♈57	22°24	26°27	7°21	17°43	1°29	4°10	25°46	22°51	10°24	8°46	26° 5	27°45	W 5
T 6	23 36 41	22°16'56	20°55	24°12	27°40	7°58	17°35	1°35	4°10	25°46	22°50	10°18	8°43	26°11	27°43	T 6
F 7	23 40 37	23°15'38	4♉30	26° 0	28°54	8°35	17°27	1°41	4°11	25°47	22°49	10°11	8°40	26°18	27°40	F 7
S 8	23 44 34	24°14'22	17°40	27°46	0♍ 8	9°12	17°20	1°48	4°11	25°47	22°48	10° 5	8°37	26°25	27°37	S 8
S 9	23 48 30	25°13'09	0♊26	29°32	1°22	9°49	17°12	1°54	4°11	25°47	22°46	10° 0	8°33	26°31	27°35	S 9
M10	23 52 27	26°11'58	12°51	1♎17	2°35	10°26	17° 4	2° 0	4°11	25°48	22°45	9°57	8°30	26°38	27°32	M10
T 11	23 56 23	27°10'49	25° 0	3° 1	3°49	11° 3	16°56	2° 6	4°12	25°48	22°44	9°D56	8°27	26°45	27°30	T 11
W12	0 0 20	28° 9'42	6♋56	4°43	5° 3	11°40	16°48	2°13	4°12	25°48	22°43	9°56	8°24	26°51	27°27	W12
T 13	0 4 17	29° 8'38	18°45	6°25	6°17	12°16	16°41	2°19	4°12	25°48	22°42	9°58	8°21	26°58	27°25	T 13
F 14	0 8 13	0♎ 7'36	0♌33	8° 6	7°31	12°53	16°33	2°25	4°13	25°49	22°40	9°59	8°18	27° 5	27°23	F 14
S 15	0 12 10	1° 6'36	12°24	9°46	8°45	13°30	16°26	2°32	4°13	25°49	22°39	9°R59	8°14	27°11	27°20	S 15
S 16	0 16 6	2° 5'39	24°23	11°26	9°59	14° 6	16°18	2°38	4°14	25°49	22°38	9°58	8°11	27°18	27°18	S 16
M17	0 20 3	3° 4'43	6♍33	13° 4	11°13	14°43	16°11	2°45	4°15	25°49	22°37	9°54	8° 8	27°25	27°16	M17
T 18	0 23 59	4° 3'50	18°56	14°41	12°28	15°19	16° 4	2°51	4°15	25°49	22°36	9°49	8° 5	27°31	27°13	T 18
W19	0 27 56	5° 2'59	1♎35	16°18	13°42	15°56	15°56	2°58	4°16	25°49	22°35	9°41	8° 2	27°38	27°11	W19
T 20	0 31 52	6° 2'10	14°30	17°54	14°56	16°32	15°49	3° 5	4°17	25°R49	22°33	9°31	7°58	27°44	27° 9	T 20
F 21	0 35 49	7° 1'23	27°39	19°29	16°11	17° 8	15°42	3°11	4°18	25°49	22°32	9°21	7°55	27°51	27° 7	F 21
S 22	0 39 45	8° 0'38	11♏ 2	21° 4	17°25	17°45	15°36	3°18	4°19	25°49	22°31	9°11	7°52	27°58	27° 5	S 22
S 23	0 43 42	8°59'55	24°37	22°37	18°39	18°21	15°29	3°25	4°20	25°49	22°30	9° 2	7°49	28° 4	27° 3	S 23
M24	0 47 39	9°59'14	8♐21	24°10	19°54	18°57	15°22	3°32	4°21	25°49	22°29	8°56	7°46	28°11	27° 1	M24
T 25	0 51 35	10°58'35	22°13	25°42	21° 8	19°33	15°16	3°38	4°22	25°49	22°28	8°52	7°43	28°18	26°59	T 25
W26	0 55 32	11°57'57	6♑12	27°13	22°23	20° 9	15° 9	3°45	4°23	25°48	22°26	8°D51	7°39	28°24	26°57	W26
T 27	0 59 28	12°57'21	20°16	28°44	23°37	20°45	15° 3	3°52	4°24	25°48	22°25	8°51	7°36	28°31	26°55	T 27
F 28	1 3 25	13°56'47	4♒27	0♏14	24°52	21°21	14°57	3°59	4°25	25°48	22°24	8°R51	7°33	28°38	26°54	F 28
S 29	1 7 21	14°56'15	18°41	1°43	26° 6	21°57	14°51	4° 6	4°26	25°48	22°23	8°51	7°30	28°44	26°52	S 29
S 30	1 11 18	15♎55'44	2♓57	3♏11	27♍21	22♌32	14♓45	4♏13	4♑28	25♊47	22♓22	8♌49	7♌27	28♋51	26♒50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	4n59	17s57	0n10	7n29	1n42	15n10	0n51	20n 9	1n 6	6s 7	1s35	9s46	2n16	23s46	0s20	22n11	1s14	17s47	16s22	17n37	18n 3	19n54	6s24	6n11			
S 2	4 36	14 50	1s 9	6 43	1 39	14 48	0 54	20 1	1 6	6 10	1 35	9 48	2 15	23 46	0 20	22 11	1 14	17 48	16 22	17 37	18 4	19 53	6 26	6 11			
M 3	4 13	10 47	2 24	5 56	1 36	14 26	0 56	19 52	1 7	6 13	1 35	9 50	2 15	23 46	0 20	22 11	1 14	17 48	16 22	17 38	18 5	19 53	6 27	6 11			
T 4	3 50	6 7	3 29	5 9	1 32	14 3	0 58	19 43	1 7	6 16	1 35	9 52	2 15	23 46	0 20	22 11	1 14	17 49	16 22	17 39	18 6	19 52	6 28	6 11			
W 5	3 27	1 12	4 19	4 22	1 28	13 40	1 0	19 34	1 8	6 19	1 35	9 54	2 15	23 46	0 20	22 11	1 14	17 49	16 22	17 40	18 7	19 52	6 29	6 10			
T 6	3 4	3n40	4 52	3 35	1 23	13 16	1 2	19 25	1 8	6 22	1 35	9 57	2 15	23 46	0 20	22 11	1 14	17 50	16 22	17 42	18 7	19 52	6 30	6 10			
F 7	2 41	8 13	5 8	2 47	1 18	12 53	1 4	19 16	1 9	6 25	1 35	9 59	2 15	23 46	0 20	22 11	1 14	17 50	16 22	17 44	18 8	19 51	6 31	6 10			
S 8	2 18	12 14	5 7	2 0	1 13	12 28	1 6	19 7	1 10	6 29	1 35	10 1	2 14	23 46	0 20	22 11	1 14	17 51	16 22	17 46	18 9	19 51	6 32	6 10			
S 9	1 54	15 33	4 50	1 13	1 7	12 4	1 7	18 57	1 10	6 32	1 35	10 3	2 14	23 46	0 20	22 11	1 14	17 51	16 22	17 47	18 10	19 50	6 33	6 9			
M10	1 31	18 5	4 20	0 26	1 2	11 39	1 9	18 48	1 11	6 35	1 35	10 6	2 14	23 46	0 20	22 11	1 14	17 52	16 22	17 48	18 11	19 50	6 34	6 9			
T 11	1 7	19 45	3 39	0s21	0 56	11 14	1 11	18 38	1 11	6 38	1 35	10 8	2 14	23 46	0 20	22 11	1 14	17 52	16 22	17 48	18 11	19 50	6 35	6 9			
W12	0 44	20 30	2 49	1 7	0 50	10 48	1 12	18 29	1 12	6 41	1 35	10 10	2 14	23 46	0 20	22 11	1 14	17 53	16 22	17 48	18 12	19 49	6 36	6 9			
T 13	0 20	20 20	1 52	1 53	0 44	10 22	1 14	18 19	1 13	6 44	1 35	10 13	2 14	23 45	0 20	22 11	1 14	17 53	16 22	17 48	18 13	19 49	6 37	6 8			
F 14	0s 3	19 15	0 51	2 39	0 37	9 56	1 16	18 9	1 13	6 47	1 35	10 15	2 14	23 45	0 20	22 11	1 15	17 54	16 22	17 47	18 14	19 48	6 39	6 8			
S 15	0 27	17 20	0n13	3 25	0 31	9 30	1 17	17 59	1 14	6 49	1 35	10 17	2 14	23 45	0 20	22 11	1 15	17 54	16 22	17 47	18 15	19 48	6 40	6 8			
S 16	0 50	14 38	1 17	4 10	0 24	9 3	1 18	17 49	1 14	6 52	1 35	10 20	2 13	23 45	0 20	22 11	1 15	17 54	16 22	17 47	18 16	19 47	6 41	6 8			
M17	1 14	11 16	2 18	4 54	0 17	8 36	1 20	17 39	1 15	6 55	1 35	10 22	2 13	23 45	0 20	22 11	1 15	17 55	16 22	17 48	18 16	19 47	6 42	6 7			
T 18	1 37	7 21	3 14	5 39	0 10	8 9	1 21	17 29	1 16	6 58	1 35	10 24	2 13	23 45	0 20	22 11	1 15	17 55	16 22	17 50	18 17	19 47	6 43	6 7			
W19	2 1	3 3	4 1	6 22	0 3	7 41	1 22	17 19	1 16	7 1	1 35	10 27	2 13	23 45	0 20	22 11	1 15	17 56	16 22	17 52	18 18	19 46	6 44	6 7			
T 20	2 24	1s29	4 36	7 6	0s 4	7 13	1 23	17 8	1 17	7 3	1 34	10 29	2 13	23 45	0 20	22 11	1 15	17 56	16 22	17 55	18 19	19 46	6 45	6 6			
F 21	2 48	6 1	4 58	7 48	0 11	6 45	1 24	16 58	1 17	7 6	1 34	10 31	2 13	23 45	0 20	22 11	1 15	17 57	16 22	17 57	18 20	19 45	6 46	6 6			
S 22	3 11	10 21	5 4	8 31	0 18	6 17	1 25	16 47	1 18	7 8	1 34	10 34	2 13	23 45	0 20	22 11	1 15	17 57	16 22	18 0	18 21	19 45	6 47	6 6			
S 23	3 34	14 13	4 54	9 12	0 25	5 49	1 26	16 37	1 19	7 11	1 34	10 36	2 13	23 45	0 20	22 11	1 15	17 57	16 22	18 2	18 21	19 44	6 48	6 5			
M24	3 58	17 22	4 26	9 53	0 32	5 20	1 27	16 26	1 19	7 13	1 34	10 39	2 13	23 45	0 20	22 11	1 15	17 58	16 21	18 4	18 22	19 44	6 49	6 5			
T 25	4 21	19 34	3 42	10 33	0 39	4 52	1 27	16 15	1 20	7 16	1 34	10 41	2 12	23 45	0 20	22 11	1 15	17 58	16 21	18 5	18 23	19 43	6 50	6 5			
W26	4 44	20 36	2 45	11 13	0 46	4 23	1 28	16 4	1 20	7 18	1 34	10 43	2 12	23 45	0 20	22 11	1 15	17 58	16 21	18 5	18 24	19 43	6 50	6 4			
T 27	5 8	20 21	1 37	11 52	0 53	3 54	1 29	15 53	1 21	7 20	1 34	10 46	2 12	23 45	0 20	22 11	1 15	17 59	16 21	18 5	18 25	19 42	6 51	6 4			
F 28	5 31	18 49	0 24	12 31	1 0	3 25	1 29	15 42	1 22	7 23	1 34	10 48	2 12	23 45	0 20	22 11	1 15	17 59	16 21	18 5	18 25	19 42	6 52	6 4			
S 29	5 54	16 5	0s52	13 8	1 7	2 55	1 30	15 31	1 22	7 25	1 33	10 51	2 12	23 45	0 20	22 11	1 15	17 59	16 21	18 5	18 26	19 41	6 53	6 3			
S 30	6s17	12s23	2s 5	13s45	1s13	2n26	1n30	15n20	1n23	7s27	1s33	10s53	2n12	23s45	0s20	22n11	1s15	18s 0	16s21	18n 6	18n27	19n41	6s54	6n 3			

Julian Day Number = 2295108.5, Delta T = 135.35 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'47, Lahiri = 17°52'47 Julian Calendar 1 Sept. 1571 == Greg. Calendar 11 Sept. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

OCTOBER 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 15 14	16♎55'15	17♓11	4♏39	28♍36	23♌ 8	14°R40	4♏20	4♑29	25°R47	22°R21	8°R44	7♌23	28♋58	26°R49	M 1
T 2	1 19 11	17°54'48	1♈20	6° 6	29°50	23°44	14♓34	4°27	4°30	25♊47	22♓20	8♌36	7°20	29° 4	26♒47	T 2
W 3	1 23 8	18°54'23	15°19	7°32	1♎ 5	24°19	14°29	4°34	4°32	25°46	22°19	8°26	7°17	29°11	26°46	W 3
T 4	1 27 4	19°54'00	29° 4	8°57	2°20	24°55	14°24	4°41	4°33	25°46	22°18	8°15	7°14	29°18	26°44	T 4
F 5	1 31 1	20°53'39	12♉29	10°22	3°35	25°30	14°19	4°48	4°35	25°45	22°17	8° 3	7°11	29°24	26°43	F 5
S 6	1 34 57	21°53'20	25°35	11°46	4°50	26° 5	14°14	4°55	4°36	25°45	22°16	7°52	7° 8	29°31	26°41	S 6
S 7	1 38 54	22°53'04	8♊19	13° 8	6° 4	26°41	14° 9	5° 2	4°38	25°44	22°15	7°42	7° 4	29°37	26°40	S 7
M 8	1 42 50	23°52'50	20°44	14°30	7°19	27°16	14° 5	5° 9	4°40	25°44	22°14	7°35	7° 1	29°44	26°39	M 8
T 9	1 46 47	24°52'37	2♋52	15°51	8°34	27°51	14° 1	5°16	4°41	25°43	22°13	7°31	6°58	29°51	26°38	T 9
W10	1 50 43	25°52'27	14°48	17°11	9°49	28°26	13°57	5°23	4°43	25°42	22°12	7°29	6°55	29°57	26°37	W10
T 11	1 54 40	26°52'20	26°38	18°30	11° 4	29° 1	13°53	5°30	4°45	25°42	22°11	7°D29	6°52	0♌ 4	26°36	T 11
F 12	1 58 37	27°52'14	8♌26	19°47	12°19	29°36	13°49	5°38	4°47	25°41	22°10	7°R29	6°49	0°11	26°35	F 12
S 13	2 2 33	28°52'11	20°17	21° 3	13°34	0♍11	13°45	5°45	4°49	25°40	22° 9	7°28	6°45	0°17	26°34	S 13
S 14	2 6 30	29°52'10	2♍19	22°18	14°49	0°45	13°42	5°52	4°51	25°39	22° 8	7°26	6°42	0°24	26°33	S 14
M15	2 10 26	0♏52'11	14°34	23°31	16° 4	1°20	13°39	5°59	4°53	25°39	22° 7	7°21	6°39	0°31	26°32	M15
T 16	2 14 23	1°52'14	27° 7	24°43	17°20	1°55	13°36	6° 6	4°55	25°38	22° 6	7°14	6°36	0°37	26°31	T 16
W17	2 18 19	2°52'19	10♎ 0	25°52	18°35	2°29	13°33	6°13	4°57	25°37	22° 5	7° 4	6°33	0°44	26°30	W17
T 18	2 22 16	3°52'26	23°13	27° 0	19°50	3° 4	13°31	6°21	4°59	25°36	22° 4	6°52	6°29	0°51	26°30	T 18
F 19	2 26 12	4°52'35	6♏46	28° 5	21° 5	3°38	13°28	6°28	5° 1	25°35	22° 4	6°38	6°26	0°57	26°29	F 19
S 20	2 30 9	5°52'46	20°35	29° 7	22°20	4°12	13°26	6°35	5° 3	25°34	22° 3	6°26	6°23	1° 4	26°29	S 20
S 21	2 34 6	6°52'58	4♐36	0♐ 7	23°35	4°47	13°24	6°42	5° 6	25°33	22° 2	6°15	6°20	1°11	26°28	S 21
M22	2 38 2	7°53'13	18°44	1° 3	24°51	5°21	13°22	6°49	5° 8	25°32	22° 1	6° 6	6°17	1°17	26°28	M22
T 23	2 41 59	8°53'29	2♑56	1°55	26° 6	5°55	13°21	6°56	5°10	25°31	22° 0	6° 0	6°14	1°24	26°27	T 23
W24	2 45 55	9°53'46	17° 7	2°43	27°21	6°29	13°19	7° 4	5°13	25°30	22° 0	5°58	6°10	1°30	26°27	W24
T 25	2 49 52	10°54'05	1♒16	3°27	28°36	7° 2	13°18	7°11	5°15	25°29	21°59	5°57	6° 7	1°37	26°27	T 25
F 26	2 53 48	11°54'25	15°21	4° 5	29°52	7°36	13°17	7°18	5°17	25°28	21°58	5°57	6° 4	1°44	26°27	F 26
S 27	2 57 45	12°54'47	29°22	4°38	1♏ 7	8°10	13°17	7°25	5°20	25°27	21°58	5°56	6° 1	1°50	26°27	S 27
S 28	3 1 41	13°55'10	13♓18	5° 4	2°22	8°43	13°16	7°32	5°22	25°25	21°57	5°54	5°58	1°57	26°D27	S 28
M29	3 5 38	14°55'34	27° 8	5°23	3°38	9°17	13°16	7°40	5°25	25°24	21°56	5°48	5°55	2° 4	26°27	M29
T 30	3 9 35	15°56'00	10♈50	5°34	4°53	9°50	13°D16	7°47	5°28	25°23	21°56	5°40	5°51	2°10	26°27	T 30
W31	3 13 31	16♏56'27	24♈23	5°R36	6♏ 8	10♍23	13♓16	7♏54	5♑30	25♊22	21♓55	5♌29	5♌48	2♌17	26♒27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s40	7s58	3s 9	14s21	1s20	1n56	1n30	15n 9	1n23	7s29	1s33	10s55	2n12	23s45	0s20	22n11	1s15	18s 0	16s21	18n 7	18n28	19n40	6s55	6n 3
T 2	7 3	3 9	4 1	14 57	1 27	1 27	1 31	14 58	1 24	7 31	1 33	10 58	2 12	23 45	0 20	22 10	1 15	18 0	16 21	18 9	18 29	19 40	6 56	6 2
W 3	7 25	1n46	4 38	15 31	1 33	0 57	1 31	14 46	1 25	7 33	1 33	11 0	2 12	23 45	0 20	22 10	1 15	18 1	16 20	18 12	18 30	19 39	6 57	6 2
T 4	7 48	6 31	4 58	16 5	1 40	0 28	1 31	14 35	1 25	7 35	1 33	11 3	2 12	23 45	0 20	22 10	1 15	18 1	16 20	18 15	18 30	19 39	6 57	6 2
F 5	8 10	10 50	5 1	16 38	1 46	0s 2	1 31	14 24	1 26	7 36	1 32	11 5	2 12	23 45	0 20	22 10	1 15	18 1	16 20	18 18	18 31	19 38	6 58	6 1
S 6	8 33	14 32	4 48	17 10	1 52	0 32	1 31	14 12	1 26	7 38	1 32	11 7	2 12	23 44	0 20	22 10	1 15	18 1	16 20	18 21	18 32	19 38	6 59	6 1
S 7	8 55	17 27	4 20	17 41	1 58	1 2	1 31	14 1	1 27	7 40	1 32	11 10	2 11	23 44	0 20	22 10	1 15	18 2	16 20	18 23	18 33	19 37	7 0	6 1
M 8	9 17	19 29	3 41	18 11	2 3	1 32	1 31	13 49	1 28	7 41	1 32	11 12	2 11	23 44	0 20	22 10	1 15	18 2	16 20	18 25	18 34	19 37	7 1	6 0
T 9	9 39	20 35	2 53	18 40	2 9	2 1	1 30	13 38	1 28	7 43	1 32	11 15	2 11	23 44	0 20	22 10	1 15	18 2	16 19	18 26	18 34	19 36	7 1	6 0
W10	10 1	20 44	1 57	19 9	2 14	2 31	1 30	13 26	1 29	7 44	1 32	11 17	2 11	23 44	0 20	22 10	1 15	18 2	16 19	18 26	18 35	19 36	7 2	5 59
T 11	10 23	19 56	0 57	19 36	2 19	3 1	1 30	13 14	1 30	7 46	1 31	11 19	2 11	23 44	0 20	22 10	1 15	18 2	16 19	18 27	18 36	19 35	7 3	5 59
F 12	10 44	18 17	0n 5	20 2	2 24	3 31	1 29	13 3	1 30	7 47	1 31	11 22	2 11	23 44	0 20	22 10	1 15	18 3	16 19	18 27	18 37	19 35	7 3	5 59
S 13	11 6	15 49	1 7	20 26	2 28	4 0	1 29	12 51	1 31	7 48	1 31	11 24	2 11	23 44	0 20	22 10	1 15	18 3	16 19	18 27	18 38	19 34	7 4	5 58
S 14	11 27	12 40	2 8	20 50	2 32	4 30	1 28	12 39	1 31	7 49	1 31	11 27	2 11	23 44	0 20	22 10	1 15	18 3	16 18	18 27	18 38	19 33	7 5	5 58
M15	11 48	8 54	3 3	21 13	2 36	4 59	1 28	12 27	1 32	7 50	1 30	11 29	2 11	23 44	0 20	22 10	1 15	18 3	16 18	18 28	18 39	19 33	7 5	5 58
T 16	12 9	4 41	3 51	21 34	2 39	5 29	1 27	12 16	1 33	7 51	1 30	11 31	2 11	23 44	0 20	22 10	1 16	18 3	16 18	18 30	18 40	19 32	7 6	5 57
W17	12 30	0 8	4 28	21 53	2 42	5 58	1 26	12 4	1 33	7 52	1 30	11 34	2 11	23 44	0 20	22 10	1 16	18 3	16 18	18 33	18 41	19 32	7 7	5 57
T 18	12 50	4s31	4 52	22 12	2 44	6 27	1 25	11 52	1 34	7 53	1 30	11 36	2 11	23 44	0 20	22 10	1 16	18 4	16 17	18 36	18 42	19 31	7 7	5 56
F 19	13 11	9 4	5 0	22 29	2 46	6 57	1 24	11 40	1 35	7 53	1 30	11 39	2 11	23 43	0 20	22 10	1 16	18 4	16 17	18 39	18 42	19 31	7 8	5 56
S 20	13 31	13 15	4 51	22 44	2 48	7 26	1 23	11 28	1 35	7 54	1 29	11 41	2 11	23 43	0 20	22 10	1 16	18 4	16 17	18 42	18 43	19 30	7 8	5 56
S 21	13 51	16 46	4 25	22 58	2 48	7 54	1 22	11 16	1 36	7 55	1 29	11 43	2 11	23 43	0 20	22 9	1 16	18 4	16 17	18 45	18 44	19 29	7 9	5 55
M22	14 10	19 20	3 42	23 10	2 49	8 23	1 21	11 4	1 36	7 55	1 29	11 46	2 11	23 43	0 20	22 9	1 16	18 4	16 16	18 47	18 45	19 29	7 9	5 55
T 23	14 30	20 43	2 45	23 20	2 48	8 51	1 20	10 52	1 37	7 55	1 29	11 48	2 11	23 43	0 20	22 9	1 16	18 4	16 16	18 49	18 46	19 28	7 10	5 54
W24	14 49	20 47	1 38	23 28	2 46	9 20	1 19	10 40	1 38	7 56	1 28	11 50	2 11	23 43	0 20	22 9	1 16	18 4	16 16	18 49	18 46	19 28	7 10	5 54
T 25	15 8	19 31	0 25	23 35	2 44	9 48	1 18	10 28	1 38	7 56	1 28	11 53	2 11	23 43	0 20	22 9	1 16	18 4	16 16	18 50	18 47	19 27	7 11	5 54
F 26	15 27	17 3	0s50	23 39	2 41	10 15	1 16	10 16	1 39	7 56	1 28	11 55	2 11	23 43	0 20	22 9	1 16	18 4	16 15	18 50	18 48	19 26	7 11	5 53
S 27	15 45	13 36	2 1	23 41	2 36	10 43	1 15	10 4	1 40	7 56	1 28	11 57	2 11	23 43	0 20	22 9	1 16	18 4	16 15	18 50	18 49	19 26	7 12	5 53
S 28	16 3	9 24	3 4	23 40	2 31	11 10	1 14	9 52	1 40	7 56	1 27	12 0	2 11	23 43	0 20	22 9	1 16	18 4	16 15	18 50	18 49	19 25	7 12	5 52
M29	16 21	4 45	3 56	23 37	2 24	11 37	1 12	9 40	1 41	7 56	1 27	12 2	2 11	23 42	0 20	22 9	1 16	18 4	16 15	18 52	18 50	19 24	7 13	5 52
T 30	16 39	0n 6	4 33	23 31	2 16	12 4	1 11	9 28	1 42	7 56	1 27	12 4	2 11	23 42	0 20	22 9	1 16	18 4	16 14	18 54	18 51	19 24	7 13	5 51
W31	16s56	4n54	4s55	23s22	2s 7	12s31	1n 9	9n16	1n42	7s56	1s27	12s 7	2n11	23s42	0s20	22n 9	1s16	18s 4	16s14	18n56	18n52	19n23	7s13	5n51

Julian Day Number = 2295138.5, Delta T = 135.19 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'51, Lahiri = 17°52'52 Julian Calendar 1 Oct. 1571 == Greg. Calendar 11 Oct. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

NOVEMBER 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 17 28	17♏56'56	7♉45	5°R29	7♏24	10♍56	13♓16	8♏ 1	5♑33	25°R21	21°R54	5°R17	5♌45	2♌24	26♒27	T 1
F 2	3 21 24	18°57'26	20°52	5♐12	8°39	11°30	13°16	8° 8	5°36	25♊19	21♓54	5♌ 4	5°42	2°30	26°27	F 2
S 3	3 25 21	19°57'58	3♊43	4°45	9°54	12° 3	13°17	8°15	5°38	25°18	21°53	4°51	5°39	2°37	26°28	S 3
S 4	3 29 17	20°58'31	16°18	4° 7	11°10	12°35	13°18	8°22	5°41	25°17	21°53	4°41	5°35	2°44	26°28	S 4
M 5	3 33 14	21°59'07	28°37	3°19	12°25	13° 8	13°19	8°29	5°44	25°15	21°52	4°33	5°32	2°50	26°29	M 5
T 6	3 37 10	22°59'43	10♋43	2°21	13°41	13°41	13°21	8°36	5°47	25°14	21°52	4°27	5°29	2°57	26°29	T 6
W 7	3 41 7	24° 0'22	22°38	1°14	14°56	14°13	13°22	8°43	5°50	25°13	21°51	4°25	5°26	3° 3	26°30	W 7
T 8	3 45 4	25° 1'02	4♌26	0° 0	16°11	14°46	13°24	8°50	5°53	25°11	21°51	4°D24	5°23	3°10	26°30	T 8
F 9	3 49 0	26° 1'43	16°13	28♏41	17°27	15°18	13°26	8°57	5°55	25°10	21°50	4°24	5°20	3°17	26°31	F 9
S 10	3 52 57	27° 2'27	28° 4	27°19	18°42	15°50	13°28	9° 4	5°58	25° 8	21°50	4°R25	5°16	3°23	26°32	S 10
S 11	3 56 53	28° 3'11	10♍ 5	25°57	19°58	16°22	13°30	9°11	6° 1	25° 7	21°50	4°24	5°13	3°30	26°33	S 11
M12	4 0 50	29° 3'58	22°20	24°38	21°13	16°54	13°33	9°18	6° 4	25° 5	21°49	4°21	5°10	3°37	26°34	M12
T 13	4 4 46	0♐ 4'46	4♎56	23°24	22°29	17°26	13°35	9°25	6° 7	25° 4	21°49	4°16	5° 7	3°43	26°35	T 13
W14	4 8 43	1° 5'35	17°54	22°18	23°44	17°58	13°38	9°32	6°11	25° 2	21°49	4° 8	5° 4	3°50	26°36	W14
T 15	4 12 39	2° 6'26	1♏17	21°22	25° 0	18°30	13°42	9°39	6°14	25° 1	21°48	3°59	5° 0	3°57	26°37	T 15
F 16	4 16 36	3° 7'18	15° 5	20°36	26°15	19° 1	13°45	9°46	6°17	24°59	21°48	3°48	4°57	4° 3	26°38	F 16
S 17	4 20 32	4° 8'11	29°14	20° 1	27°31	19°32	13°48	9°52	6°20	24°58	21°48	3°38	4°54	4°10	26°39	S 17
S 18	4 24 29	5° 9'06	13♐40	19°37	28°46	20° 4	13°52	9°59	6°23	24°56	21°48	3°29	4°51	4°17	26°40	S 18
M19	4 28 26	6°10'02	28°15	19°26	0♑ 2	20°35	13°56	10° 6	6°26	24°55	21°47	3°22	4°48	4°23	26°42	M19
T 20	4 32 22	7°10'59	12♑54	19°D25	1°17	21° 6	14° 0	10°13	6°29	24°53	21°47	3°18	4°45	4°30	26°43	T 20
W21	4 36 19	8°11'56	27°29	19°34	2°33	21°36	14° 4	10°19	6°33	24°51	21°47	3°D16	4°41	4°37	26°44	W21
T 22	4 40 15	9°12'54	11♒55	19°52	3°48	22° 7	14° 9	10°26	6°36	24°50	21°47	3°16	4°38	4°43	26°46	T 22
F 23	4 44 12	10°13'53	26°10	20°19	5° 4	22°37	14°14	10°32	6°39	24°48	21°47	3°17	4°35	4°50	26°47	F 23
S 24	4 48 8	11°14'53	10♓12	20°54	6°19	23° 8	14°19	10°39	6°43	24°46	21°47	3°R18	4°32	4°56	26°49	S 24
S 25	4 52 5	12°15'53	24° 0	21°36	7°35	23°38	14°24	10°45	6°46	24°45	21°47	3°17	4°29	5° 3	26°51	S 25
M26	4 56 2	13°16'53	7♈35	22°23	8°50	24° 8	14°29	10°52	6°49	24°43	21°47	3°14	4°26	5°10	26°52	M26
T 27	4 59 58	14°17'54	20°57	23°16	10° 6	24°38	14°34	10°58	6°53	24°41	21°D47	3° 9	4°22	5°16	26°54	T 27
W28	5 3 55	15°18'56	4♉ 7	24°14	11°22	25° 8	14°40	11° 5	6°56	24°40	21°47	3° 2	4°19	5°23	26°56	W28
T 29	5 7 51	16°19'58	17° 4	25°16	12°37	25°37	14°46	11°11	6°59	24°38	21°47	2°54	4°16	5°30	26°58	T 29
F 30	5 11 48	17♐21'01	29♉49	26♏21	13♐53	26♍ 6	14♓52	11♏17	7♑ 3	24♊36	21♓47	2♌45	4♌13	5♌36	27♒ 0	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s13	9n23	5s 1	23s10	1s56	12s57	1n 7	9n 4	1n43	7s55	1s26	12s 9	2n11	23s42	0s20	22n 9	1s16	18s 4	16s14	19n 0	18n53	19n23	7s14	5n51
F 2	17 30	13 21	4 50	22 54	1 43	13 23	1 6	8 52	1 43	7 55	1 26	12 11	2 11	23 42	0 20	22 9	1 16	18 4	16 13	19 3	18 53	19 22	7 14	5 50
S 3	17 46	16 37	4 24	22 35	1 29	13 48	1 4	8 40	1 44	7 54	1 26	12 13	2 11	23 42	0 20	22 9	1 16	18 4	16 13	19 6	18 54	19 21	7 14	5 50
S 4	18 2	19 2	3 46	22 13	1 13	14 14	1 2	8 28	1 45	7 54	1 26	12 16	2 11	23 42	0 20	22 9	1 16	18 4	16 13	19 8	18 55	19 21	7 14	5 49
M 5	18 18	20 31	2 58	21 46	0 56	14 38	1 0	8 16	1 45	7 53	1 25	12 18	2 11	23 42	0 20	22 9	1 16	18 4	16 13	19 10	18 56	19 20	7 15	5 49
T 6	18 34	21 1	2 3	21 17	0 37	15 3	0 59	8 4	1 46	7 52	1 25	12 20	2 11	23 42	0 20	22 9	1 16	18 4	16 12	19 11	18 56	19 19	7 15	5 49
W 7	18 49	20 34	1 2	20 44	0 17	15 27	0 57	7 52	1 47	7 52	1 25	12 22	2 11	23 41	0 20	22 8	1 16	18 4	16 12	19 12	18 57	19 19	7 15	5 48
T 8	19 4	19 12	0n 0	20 9	0n 3	15 51	0 55	7 40	1 47	7 51	1 25	12 24	2 11	23 41	0 20	22 8	1 16	18 4	16 12	19 12	18 58	19 18	7 15	5 48
F 9	19 18	17 0	1 3	19 32	0 24	16 14	0 53	7 28	1 48	7 50	1 24	12 27	2 11	23 41	0 20	22 8	1 16	18 4	16 11	19 12	18 59	19 17	7 15	5 47
S 10	19 32	14 5	2 3	18 54	0 44	16 37	0 51	7 16	1 49	7 49	1 24	12 29	2 11	23 41	0 20	22 8	1 16	18 3	16 11	19 12	19 0	19 17	7 15	5 47
S 11	19 46	10 33	2 58	18 15	1 4	16 59	0 49	7 4	1 50	7 47	1 24	12 31	2 11	23 41	0 20	22 8	1 16	18 3	16 11	19 12	19 0	19 16	7 16	5 47
M12	20 0	6 31	3 47	17 39	1 22	17 21	0 47	6 52	1 50	7 46	1 24	12 33	2 11	23 41	0 20	22 8	1 16	18 3	16 10	19 13	19 1	19 15	7 16	5 46
T 13	20 13	2 6	4 26	17 4	1 39	17 43	0 45	6 41	1 51	7 45	1 23	12 35	2 11	23 41	0 20	22 8	1 16	18 3	16 10	19 14	19 2	19 15	7 16	5 46
W14	20 25	2s32	4 52	16 33	1 54	18 4	0 42	6 29	1 52	7 44	1 23	12 37	2 11	23 40	0 20	22 8	1 16	18 3	16 10	19 16	19 3	19 14	7 16	5 45
T 15	20 38	7 12	5 4	16 6	2 7	18 24	0 40	6 17	1 52	7 42	1 23	12 39	2 11	23 40	0 20	22 8	1 16	18 3	16 9	19 18	19 3	19 13	7 16	5 45
F 16	20 50	11 38	4 59	15 43	2 18	18 44	0 38	6 5	1 53	7 41	1 23	12 41	2 12	23 40	0 20	22 8	1 16	18 2	16 9	19 21	19 4	19 12	7 16	5 45
S 17	21 1	15 33	4 35	15 26	2 26	19 4	0 36	5 54	1 54	7 39	1 22	12 44	2 12	23 40	0 20	22 8	1 16	18 2	16 9	19 23	19 5	19 12	7 16	5 44
S 18	21 12	18 38	3 53	15 13	2 33	19 23	0 34	5 42	1 54	7 37	1 22	12 46	2 12	23 40	0 20	22 8	1 16	18 2	16 8	19 25	19 6	19 11	7 16	5 44
M19	21 23	20 33	2 56	15 6	2 38	19 41	0 31	5 30	1 55	7 36	1 22	12 48	2 12	23 40	0 20	22 8	1 16	18 2	16 8	19 27	19 7	19 10	7 16	5 43
T 20	21 33	21 5	1 47	15 3	2 40	19 59	0 29	5 19	1 56	7 34	1 22	12 50	2 12	23 40	0 20	22 8	1 16	18 2	16 8	19 28	19 7	19 10	7 16	5 43
W21	21 43	20 12	0 31	15 4	2 41	20 17	0 27	5 7	1 56	7 32	1 21	12 52	2 12	23 39	0 20	22 8	1 16	18 1	16 7	19 28	19 8	19 9	7 15	5 43
T 22	21 53	18 0	0s46	15 10	2 41	20 34	0 24	4 56	1 57	7 30	1 21	12 54	2 12	23 39	0 20	22 7	1 16	18 1	16 7	19 28	19 9	19 8	7 15	5 42
F 23	22 2	14 42	2 0	15 18	2 40	20 50	0 22	4 44	1 58	7 28	1 21	12 56	2 12	23 39	0 20	22 7	1 16	18 1	16 7	19 28	19 10	19 7	7 15	5 42
S 24	22 11	10 37	3 5	15 30	2 37	21 5	0 20	4 33	1 59	7 26	1 21	12 58	2 12	23 39	0 20	22 7	1 16	18 0	16 6	19 28	19 10	19 7	7 15	5 41
S 25	22 19	6 2	3 59	15 44	2 33	21 20	0 17	4 22	1 59	7 24	1 20	13 0	2 12	23 39	0 20	22 7	1 16	18 0	16 6	19 28	19 11	19 6	7 15	5 41
M26	22 27	1 14	4 38	16 1	2 29	21 35	0 15	4 10	2 0	7 21	1 20	13 1	2 12	23 39	0 20	22 7	1 16	18 0	16 6	19 29	19 12	19 5	7 15	5 41
T 27	22 34	3n33	5 1	16 19	2 24	21 48	0 13	3 59	2 1	7 19	1 20	13 3	2 12	23 38	0 20	22 7	1 16	18 0	16 5	19 30	19 13	19 4	7 14	5 40
W28	22 41	8 5	5 8	16 39	2 18	22 1	0 10	3 48	2 2	7 17	1 20	13 5	2 12	23 38	0 20	22 7	1 16	17 59	16 5	19 31	19 13	19 4	7 14	5 40
T 29	22 47	12 12	4 58	16 59	2 12	22 14	0 8	3 37	2 2	7 14	1 20	13 7	2 13	23 38	0 20	22 7	1 16	17 59	16 5	19 33	19 14	19 3	7 14	5 39
F 30	22s53	15n41	4s35	17s21	2n 5	22s26	0n 6	3n26	2n 3	7s12	1s19	13s 9	2n13	23s38	0s20	22n 7	1s16	17s59	16s 4	19n35	19n15	19n 2	7s13	5n39

Julian Day Number = 2295169.5, Delta T = 135.03 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°45'55, Lahiri = 17°52'56 Julian Calendar 1 Nov. 1571 == Greg. Calendar 11 Nov. 1571

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ASTRODIENST EPHEMERIS for the year 1571
geocentric

DECEMBER 1571 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 15 44	18♐22'04	12♊22	27♏30	15♐ 8	26♍36	14♓58	11♏24	7♑ 6	24°R35	21♓47	2°R37	4♌10	5♌43	27♒ 2	S 1
S 2	5 19 41	19°23'08	24°43	28°41	16°24	27° 5	15° 4	11°30	7°10	24♊33	21°47	2♌30	4° 6	5°50	27° 4	S 2
M 3	5 23 37	20°24'13	6♋52	29°55	17°39	27°34	15°10	11°36	7°13	24°31	21°47	2°24	4° 3	5°56	27° 6	M 3
T 4	5 27 34	21°25'18	18°51	1♐11	18°55	28° 2	15°17	11°42	7°17	24°30	21°47	2°21	4° 0	6° 3	27° 8	T 4
W 5	5 31 31	22°26'24	0♌43	2°29	20°10	28°31	15°24	11°48	7°20	24°28	21°48	2°D20	3°57	6°10	27°10	W 5
T 6	5 35 27	23°27'31	12°31	3°48	21°26	28°59	15°31	11°54	7°24	24°26	21°48	2°21	3°54	6°16	27°13	T 6
F 7	5 39 24	24°28'38	24°17	5° 9	22°41	29°27	15°38	12° 0	7°27	24°25	21°48	2°22	3°51	6°23	27°15	F 7
S 8	5 43 20	25°29'46	6♍ 7	6°31	23°57	29°55	15°45	12° 6	7°31	24°23	21°48	2°24	3°47	6°29	27°17	S 8
S 9	5 47 17	26°30'54	18° 6	7°54	25°12	0♎23	15°53	12°12	7°34	24°21	21°49	2°25	3°44	6°36	27°20	S 9
M10	5 51 13	27°32'03	0♎19	9°18	26°28	0°51	16° 0	12°17	7°38	24°19	21°49	2°R26	3°41	6°43	27°22	M10
T 11	5 55 10	28°33'13	12°50	10°43	27°43	1°18	16° 8	12°23	7°41	24°18	21°49	2°25	3°38	6°49	27°25	T 11
W12	5 59 6	29°34'23	25°45	12° 9	28°59	1°45	16°16	12°29	7°45	24°16	21°50	2°22	3°35	6°56	27°27	W12
T 13	6 3 3	0♑35'34	9♏ 6	13°35	0♑14	2°12	16°24	12°34	7°48	24°14	21°50	2°18	3°32	7° 3	27°30	T 13
F 14	6 7 0	1°36'45	22°54	15° 2	1°30	2°39	16°32	12°40	7°52	24°13	21°50	2°13	3°28	7° 9	27°32	F 14
S 15	6 10 56	2°37'57	7♐10	16°30	2°45	3° 5	16°40	12°45	7°56	24°11	21°51	2° 9	3°25	7°16	27°35	S 15
S 16	6 14 53	3°39'09	21°47	17°58	4° 1	3°31	16°49	12°51	7°59	24° 9	21°51	2° 4	3°22	7°23	27°38	S 16
M17	6 18 49	4°40'21	6♑41	19°27	5°16	3°57	16°58	12°56	8° 3	24° 8	21°52	2° 1	3°19	7°29	27°41	M17
T 18	6 22 46	5°41'33	21°43	20°56	6°32	4°23	17° 6	13° 1	8° 6	24° 6	21°52	2° 0	3°16	7°36	27°44	T 18
W19	6 26 42	6°42'45	6♒43	22°26	7°47	4°49	17°15	13° 7	8°10	24° 4	21°53	1°D59	3°12	7°43	27°46	W19
T 20	6 30 39	7°43'56	21°34	23°56	9° 3	5°14	17°24	13°12	8°13	24° 3	21°53	2° 0	3° 9	7°49	27°49	T 20
F 21	6 34 35	8°45'08	6♓10	25°27	10°18	5°39	17°34	13°17	8°17	24° 1	21°54	2° 2	3° 6	7°56	27°52	F 21
S 22	6 38 32	9°46'19	20°26	26°58	11°34	6° 4	17°43	13°22	8°21	23°59	21°54	2° 3	3° 3	8° 3	27°55	S 22
S 23	6 42 29	10°47'29	4♈20	28°29	12°49	6°28	17°52	13°27	8°24	23°58	21°55	2° 4	3° 0	8° 9	27°58	S 23
M24	6 46 25	11°48'39	17°54	0♑ 1	14° 5	6°52	18° 2	13°32	8°28	23°56	21°56	2°R 4	2°57	8°16	28° 1	M24
T 25	6 50 22	12°49'48	1♉ 8	1°34	15°20	7°16	18°12	13°36	8°31	23°55	21°56	2° 3	2°53	8°22	28° 5	T 25
W26	6 54 18	13°50'57	14° 4	3° 6	16°36	7°40	18°22	13°41	8°35	23°53	21°57	2° 1	2°50	8°29	28° 8	W26
T 27	6 58 15	14°52'06	26°44	4°40	17°51	8° 3	18°32	13°46	8°38	23°51	21°58	1°59	2°47	8°36	28°11	T 27
F 28	7 2 11	15°53'13	9♊11	6°13	19° 7	8°26	18°42	13°50	8°42	23°50	21°58	1°56	2°44	8°42	28°14	F 28
S 29	7 6 8	16°54'21	21°26	7°48	20°22	8°49	18°52	13°55	8°46	23°48	21°59	1°54	2°41	8°49	28°17	S 29
S 30	7 10 4	17°55'28	3♋32	9°22	21°37	9°11	19° 2	13°59	8°49	23°47	22° 0	1°52	2°38	8°56	28°21	S 30
M31	7 14 1	18♑56'34	15♋30	10♑57	22♑53	9♎33	19♓13	14♏ 4	8♑53	23♊45	22♓ 1	1♌50	2♌34	9♌ 2	28♒24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s59	18n24	3s58	17s44	1n58	22s37	0n 3	3n15	2n 4	7s 9	1s19	13s11	2n13	23s38	0s20	22n 7	1s16	17s58	16s 4	19n37	19n16	19n 1	7s13	5n39
S 2	23 4	20 14	3 10	18 6	1 51	22 47	0 1	3 4	2 5	7 6	1 19	13 12	2 13	23 37	0 20	22 7	1 16	17 58	16 3	19 39	19 16	19 0	7 13	5 38
M 3	23 9	21 5	2 14	18 29	1 44	22 57	0s 2	2 53	2 5	7 4	1 19	13 14	2 13	23 37	0 20	22 7	1 16	17 57	16 3	19 40	19 17	19 0	7 12	5 38
T 4	23 13	20 58	1 13	18 52	1 36	23 6	0 4	2 42	2 6	7 1	1 18	13 16	2 13	23 37	0 20	22 7	1 16	17 57	16 3	19 41	19 18	18 59	7 12	5 38
W 5	23 17	19 54	0 9	19 15	1 29	23 14	0 6	2 32	2 7	6 58	1 18	13 18	2 13	23 37	0 20	22 7	1 16	17 57	16 2	19 41	19 19	18 58	7 12	5 37
T 6	23 20	17 58	0n55	19 38	1 21	23 22	0 9	2 21	2 8	6 55	1 18	13 19	2 13	23 37	0 20	22 7	1 16	17 56	16 2	19 41	19 19	18 57	7 11	5 37
F 7	23 23	15 18	1 57	20 1	1 13	23 29	0 11	2 11	2 8	6 52	1 18	13 21	2 13	23 36	0 20	22 6	1 16	17 56	16 2	19 41	19 20	18 56	7 11	5 37
S 8	23 25	11 59	2 54	20 23	1 5	23 35	0 14	2 0	2 9	6 49	1 17	13 23	2 14	23 36	0 20	22 6	1 16	17 55	16 1	19 40	19 21	18 56	7 10	5 36
S 9	23 27	8 9	3 44	20 44	0 57	23 40	0 16	1 50	2 10	6 46	1 17	13 25	2 14	23 36	0 20	22 6	1 16	17 55	16 1	19 40	19 22	18 55	7 10	5 36
M10	23 28	3 56	4 25	21 5	0 49	23 45	0 18	1 40	2 11	6 43	1 17	13 26	2 14	23 36	0 20	22 6	1 16	17 55	16 1	19 40	19 22	18 54	7 9	5 36
T 11	23 29	0s33	4 55	21 25	0 41	23 49	0 21	1 29	2 11	6 40	1 17	13 28	2 14	23 36	0 20	22 6	1 16	17 54	16 0	19 40	19 23	18 53	7 9	5 35
W12	23 30	5 8	5 11	21 45	0 34	23 52	0 23	1 19	2 12	6 36	1 17	13 29	2 14	23 36	0 20	22 6	1 16	17 54	16 0	19 41	19 24	18 52	7 8	5 35
T 13	23 30	9 39	5 11	22 3	0 26	23 55	0 25	1 9	2 13	6 33	1 16	13 31	2 14	23 35	0 20	22 6	1 16	17 53	16 0	19 41	19 25	18 52	7 8	5 35
F 14	23 29	13 49	4 53	22 21	0 18	23 57	0 28	1 0	2 14	6 30	1 16	13 32	2 14	23 35	0 20	22 6	1 16	17 53	15 59	19 43	19 25	18 51	7 7	5 34
S 15	23 28	17 20	4 17	22 38	0 11	23 58	0 30	0 50	2 15	6 26	1 16	13 34	2 14	23 35	0 20	22 6	1 16	17 52	15 59	19 44	19 26	18 50	7 6	5 34
S 16	23 27	19 51	3 23	22 54	0 3	23 58	0 32	0 40	2 15	6 23	1 16	13 35	2 15	23 35	0 20	22 6	1 16	17 52	15 59	19 45	19 27	18 49	7 6	5 34
M17	23 25	21 5	2 15	23 8	0s 4	23 57	0 34	0 30	2 16	6 19	1 16	13 37	2 15	23 34	0 20	22 6	1 16	17 51	15 58	19 45	19 28	18 48	7 5	5 33
T 18	23 22	20 49	0 56	23 22	0 11	23 56	0 36	0 21	2 17	6 16	1 15	13 38	2 15	23 34	0 20	22 6	1 16	17 51	15 58	19 46	19 28	18 47	7 5	5 33
W19	23 19	19 3	0s26	23 35	0 18	23 54	0 39	0 12	2 18	6 12	1 15	13 40	2 15	23 34	0 20	22 6	1 16	17 50	15 58	19 46	19 29	18 46	7 4	5 33
T 20	23 16	16 1	1 46	23 47	0 25	23 52	0 41	0 2	2 19	6 8	1 15	13 41	2 15	23 34	0 20	22 6	1 16	17 50	15 57	19 46	19 30	18 46	7 3	5 32
F 21	23 12	12 1	2 58	23 57	0 32	23 48	0 43	0s 7	2 19	6 4	1 15	13 43	2 15	23 34	0 20	22 6	1 16	17 49	15 57	19 45	19 30	18 45	7 2	5 32
S 22	23 8	7 25	3 56	24 6	0 39	23 44	0 45	0 16	2 20	6 1	1 15	13 44	2 16	23 33	0 20	22 6	1 16	17 49	15 57	19 45	19 31	18 44	7 2	5 32
S 23	23 3	2 33	4 40	24 14	0 45	23 39	0 47	0 25	2 21	5 57	1 14	13 45	2 16	23 33	0 20	22 6	1 16	17 48	15 56	19 45	19 32	18 43	7 1	5 31
M24	22 58	2n19	5 6	24 21	0 51	23 33	0 49	0 34	2 22	5 53	1 14	13 46	2 16	23 33	0 20	22 6	1 16	17 48	15 56	19 45	19 33	18 42	7 0	5 31
T 25	22 52	6 57	5 16	24 27	0 57	23 27	0 51	0 42	2 23	5 49	1 14	13 48	2 16	23 33	0 20	22 5	1 16	17 47	15 56	19 45	19 33	18 41	6 59	5 31
W26	22 46	11 10	5 9	24 31	1 3	23 20	0 53	0 51	2 24	5 45	1 14	13 49	2 16	23 33	0 20	22 5	1 16	17 46	15 55	19 45	19 34	18 40	6 59	5 31
T 27	22 40	14 49	4 47	24 34	1 9	23 12	0 55	0 59	2 25	5 41	1 14	13 50	2 16	23 32	0 20	22 5	1 16	17 46	15 55	19 46	19 35	18 39	6 58	5 30
F 28	22 33	17 43	4 12	24 35	1 14	23 4	0 57	1 8	2 25	5 36	1 13	13 51	2 17	23 32	0 20	22 5	1 16	17 45	15 55	19 46	19 36	18 39	6 57	5 30
S 29	22 25	19 48	3 26	24 35	1 20	22 54	0 58	1 16	2 26	5 32	1 13	13 53	2 17	23 32	0 20	22 5	1 16	17 45	15 54	19 47	19 36	18 38	6 56	5 30
S 30	22 17	20 56	2 31	24 34	1 25	22 44	1 0	1 24	2 27	5 28	1 13	13 54	2 17	23 32	0 20	22 5	1 16	17 44	15 54	19 47	19 37	18 37	6 55	5 30
M31	22s 9	21n 7	1s29	24s32	1s29	22s34	1s 2	1s32	2n28	5s24	1s13	13s55	2n17	23s31	0s20	22n 5	1s16	17s44	15s54	19n48	19n38	18n36	6s54	5n29

Julian Day Number = 2295199.5, Delta T = 134.87 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'00, Lahiri = 17°53'00 Julian Calendar 1 Dec. 1571 == Greg. Calendar 11 Dec. 1571

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1572
geocentric

JANUARY 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 17 58	19♉57'40	27♋23	12♉33	24♉ 8	9♎55	19♓23	14♏ 8	8♉56	23°R44	22♓ 2	1°D50	2♌31	9♌ 9	28♒27	T 1
W 2	7 21 54	20°58'45	9♌12	14° 9	25°24	10°17	19°34	14°12	9° 0	23♊42	22° 2	1♌50	2°28	9°16	28°31	W 2
T 3	7 25 51	21°59'49	20°59	15°46	26°39	10°38	19°45	14°16	9° 3	23°41	22° 3	1°50	2°25	9°22	28°34	T 3
F 4	7 29 47	23° 0'54	2♍48	17°23	27°54	10°59	19°56	14°20	9° 7	23°39	22° 4	1°51	2°22	9°29	28°38	F 4
S 5	7 33 44	24° 1'57	14°40	19° 0	29°10	11°19	20° 7	14°24	9°10	23°38	22° 5	1°52	2°18	9°36	28°41	S 5
S 6	7 37 40	25° 3'01	26°41	20°39	0♒25	11°39	20°18	14°28	9°14	23°37	22° 6	1°53	2°15	9°42	28°45	S 6
M 7	7 41 37	26° 4'03	8♎53	22°18	1°40	11°59	20°29	14°32	9°17	23°35	22° 7	1°54	2°12	9°49	28°48	M 7
T 8	7 45 33	27° 5'05	21°21	23°57	2°56	12°18	20°40	14°35	9°21	23°34	22° 8	1°54	2° 9	9°55	28°52	T 8
W 9	7 49 30	28° 6'07	4♏10	25°37	4°11	12°37	20°52	14°39	9°24	23°32	22° 9	1°R54	2° 6	10° 2	28°55	W 9
T 10	7 53 27	29° 7'08	17°22	27°18	5°27	12°56	21° 3	14°42	9°28	23°31	22°10	1°54	2° 3	10° 9	28°59	T 10
F 11	7 57 23	0♒ 8'09	1♐ 1	28°59	6°42	13°14	21°15	14°46	9°31	23°30	22°11	1°53	1°59	10°15	29° 3	F 11
S 12	8 1 20	1° 9'09	15° 7	0♒41	7°57	13°31	21°26	14°49	9°34	23°29	22°12	1°53	1°56	10°22	29° 6	S 12
S 13	8 5 16	2°10'09	29°39	2°24	9°12	13°49	21°38	14°52	9°38	23°27	22°13	1°D53	1°53	10°29	29°10	S 13
M14	8 9 13	3°11'07	14♑32	4° 7	10°28	14° 6	21°50	14°55	9°41	23°26	22°14	1°53	1°50	10°35	29°14	M14
T 15	8 13 9	4°12'05	29°41	5°51	11°43	14°22	22° 2	14°58	9°45	23°25	22°15	1°R53	1°47	10°42	29°18	T 15
W16	8 17 6	5°13'02	14♒55	7°36	12°58	14°38	22°14	15° 1	9°48	23°24	22°16	1°53	1°44	10°49	29°22	W16
T 17	8 21 3	6°13'58	0♓ 4	9°21	14°14	14°53	22°26	15° 4	9°51	23°23	22°17	1°53	1°40	10°55	29°25	T 17
F 18	8 24 59	7°14'52	15° 0	11° 7	15°29	15° 8	22°39	15° 7	9°54	23°21	22°18	1°53	1°37	11° 2	29°29	F 18
S 19	8 28 56	8°15'45	29°35	12°53	16°44	15°23	22°51	15°10	9°58	23°20	22°19	1°52	1°34	11° 9	29°33	S 19
S 20	8 32 52	9°16'36	13♈45	14°40	17°59	15°37	23° 3	15°12	10° 1	23°19	22°21	1°51	1°31	11°15	29°37	S 20
M21	8 36 49	10°17'26	27°29	16°27	19°14	15°51	23°16	15°15	10° 4	23°18	22°22	1°51	1°28	11°22	29°41	M21
T 22	8 40 45	11°18'15	10♉46	18°15	20°30	16° 4	23°28	15°17	10° 7	23°17	22°23	1°D50	1°24	11°29	29°45	T 22
W23	8 44 42	12°19'02	23°39	20° 3	21°45	16°16	23°41	15°19	10°11	23°16	22°24	1°51	1°21	11°35	29°49	W23
T 24	8 48 38	13°19'48	6♊13	21°51	23° 0	16°28	23°54	15°21	10°14	23°15	22°25	1°51	1°18	11°42	29°52	T 24
F 25	8 52 35	14°20'32	18°30	23°40	24°15	16°40	24° 7	15°24	10°17	23°14	22°27	1°52	1°15	11°48	29°56	F 25
S 26	8 56 32	15°21'14	0♋34	25°28	25°30	16°50	24°19	15°26	10°20	23°13	22°28	1°54	1°12	11°55	0♓ 0	S 26
S 27	9 0 28	16°21'55	12°30	27°16	26°45	17° 1	24°32	15°27	10°23	23°12	22°29	1°55	1° 9	12° 2	0° 4	S 27
M28	9 4 25	17°22'34	24°20	29° 3	28° 0	17°11	24°45	15°29	10°26	23°11	22°30	1°56	1° 5	12° 8	0° 8	M28
T 29	9 8 21	18°23'12	6♌ 8	0♓50	29°15	17°20	24°58	15°31	10°29	23°11	22°32	1°R56	1° 2	12°15	0°12	T 29
W30	9 12 18	19°23'48	17°56	2°36	0♓30	17°28	25°11	15°32	10°32	23°10	22°33	1°55	0°59	12°22	0°16	W30
T 31	9 16 14	20♒24'23	29♌46	4♓20	1♓45	17♎36	25♓25	15♏34	10♉35	23♊ 9	22♓34	1♌53	0♌56	12♌28	0♓20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s 0	20n20	0s25	24s28	1s34	22s23	1s 4	1s39	2n29	5s19	1s13	13s56	2n17	23s31	0s20	22n 5	1s16	17s43	15s54	19n48	19n39	18n35	6s53	5n29
W 2	21 51	18 39	0n41	24 22	1 38	22 11	1 5	1 47	2 30	5 15	1 13	13 57	2 17	23 31	0 20	22 5	1 16	17 42	15 53	19 48	19 39	18 34	6 52	5 29
T 3	21 42	16 11	1 45	24 15	1 42	21 58	1 7	1 55	2 31	5 11	1 12	13 58	2 18	23 31	0 20	22 5	1 16	17 42	15 53	19 48	19 40	18 33	6 51	5 29
F 4	21 32	13 3	2 44	24 7	1 46	21 45	1 8	2 2	2 31	5 6	1 12	13 59	2 18	23 30	0 20	22 5	1 16	17 41	15 53	19 48	19 41	18 32	6 51	5 28
S 5	21 21	9 22	3 36	23 57	1 49	21 31	1 10	2 9	2 32	5 2	1 12	14 0	2 18	23 30	0 20	22 5	1 15	17 41	15 52	19 47	19 41	18 31	6 50	5 28
S 6	21 10	5 18	4 20	23 45	1 52	21 16	1 11	2 16	2 33	4 57	1 12	14 1	2 18	23 30	0 20	22 5	1 15	17 40	15 52	19 47	19 42	18 30	6 49	5 28
M 7	20 59	0 58	4 53	23 32	1 55	21 1	1 13	2 23	2 34	4 53	1 12	14 2	2 18	23 30	0 20	22 5	1 15	17 39	15 52	19 47	19 43	18 29	6 48	5 28
T 8	20 47	3s31	5 13	23 18	1 57	20 45	1 14	2 30	2 35	4 48	1 12	14 3	2 19	23 30	0 20	22 5	1 15	17 39	15 51	19 47	19 44	18 28	6 47	5 27
W 9	20 35	7 57	5 18	23 1	2 0	20 28	1 15	2 36	2 36	4 43	1 11	14 4	2 19	23 29	0 20	22 5	1 15	17 38	15 51	19 47	19 44	18 27	6 45	5 27
T 10	20 23	12 9	5 7	22 44	2 1	20 11	1 16	2 43	2 37	4 39	1 11	14 4	2 19	23 29	0 20	22 5	1 15	17 37	15 51	19 47	19 45	18 26	6 44	5 27
F 11	20 10	15 52	4 38	22 25	2 3	19 54	1 18	2 49	2 38	4 34	1 11	14 5	2 19	23 29	0 20	22 5	1 15	17 37	15 51	19 47	19 46	18 26	6 43	5 27
S 12	19 57	18 49	3 52	22 4	2 4	19 35	1 19	2 55	2 39	4 29	1 11	14 6	2 19	23 29	0 20	22 5	1 15	17 36	15 50	19 47	19 46	18 25	6 42	5 27
S 13	19 43	20 39	2 50	21 41	2 4	19 16	1 20	3 1	2 39	4 24	1 11	14 7	2 20	23 28	0 20	22 5	1 15	17 35	15 50	19 47	19 47	18 24	6 41	5 26
M14	19 29	21 7	1 35	21 17	2 4	18 57	1 21	3 6	2 40	4 20	1 11	14 7	2 20	23 28	0 20	22 5	1 15	17 35	15 50	19 47	19 48	18 23	6 40	5 26
T 15	19 15	20 4	0 12	20 51	2 4	18 37	1 22	3 12	2 41	4 15	1 11	14 8	2 20	23 28	0 20	22 5	1 15	17 34	15 50	19 47	19 49	18 22	6 39	5 26
W16	19 0	17 33	1s12	20 24	2 3	18 17	1 23	3 17	2 42	4 10	1 10	14 9	2 20	23 28	0 20	22 5	1 15	17 33	15 49	19 47	19 49	18 21	6 38	5 26
T 17	18 45	13 49	2 31	19 55	2 2	17 56	1 23	3 22	2 43	4 5	1 10	14 9	2 20	23 27	0 20	22 5	1 15	17 33	15 49	19 47	19 50	18 20	6 37	5 26
F 18	18 30	9 16	3 38	19 25	2 1	17 34	1 24	3 27	2 44	4 0	1 10	14 10	2 21	23 27	0 20	22 5	1 15	17 32	15 49	19 47	19 51	18 19	6 36	5 25
S 19	18 14	4 17	4 29	18 52	1 58	17 12	1 25	3 32	2 45	3 55	1 10	14 11	2 21	23 27	0 20	22 5	1 15	17 31	15 49	19 47	19 51	18 18	6 34	5 25
S 20	17 58	0n48	5 2	18 19	1 56	16 50	1 26	3 37	2 46	3 50	1 10	14 11	2 21	23 27	0 20	22 5	1 15	17 31	15 48	19 48	19 52	18 17	6 33	5 25
M21	17 42	5 40	5 17	17 43	1 52	16 27	1 26	3 41	2 47	3 45	1 10	14 12	2 21	23 27	0 20	22 5	1 15	17 30	15 48	19 48	19 53	18 16	6 32	5 25
T 22	17 26	10 7	5 14	17 7	1 48	16 4	1 27	3 45	2 48	3 40	1 10	14 12	2 21	23 26	0 20	22 5	1 15	17 29	15 48	19 48	19 53	18 15	6 31	5 25
W23	17 9	13 58	4 55	16 28	1 44	15 40	1 27	3 49	2 48	3 35	1 9	14 13	2 22	23 26	0 20	22 5	1 15	17 29	15 48	19 48	19 54	18 14	6 30	5 25
T 24	16 51	17 5	4 23	15 49	1 39	15 15	1 27	3 53	2 49	3 29	1 9	14 13	2 22	23 26	0 20	22 5	1 15	17 28	15 48	19 48	19 55	18 13	6 28	5 25
F 25	16 34	19 22	3 39	15 8	1 33	14 51	1 28	3 57	2 50	3 24	1 9	14 13	2 22	23 26	0 20	22 5	1 15	17 27	15 47	19 47	19 56	18 12	6 27	5 24
S 26	16 16	20 44	2 45	14 25	1 27	14 26	1 28	4 0	2 51	3 19	1 9	14 14	2 22	23 25	0 20	22 5	1 15	17 27	15 47	19 47	19 56	18 11	6 26	5 24
S 27	15 58	21 9	1 46	13 42	1 20	14 0	1 28	4 3	2 52	3 14	1 9	14 14	2 22	23 25	0 20	22 5	1 15	17 26	15 47	19 47	19 57	18 10	6 25	5 24
M28	15 40	20 37	0 42	12 57	1 12	13 35	1 28	4 6	2 53	3 9	1 9	14 14	2 23	23 25	0 20	22 5	1 15	17 25	15 47	19 47	19 58	18 9	6 23	5 24
T 29	15 21	19 9	0n23	12 11	1 3	13 8	1 28	4 9	2 54	3 3	1 9	14 15	2 23	23 25	0 20	22 5	1 15	17 25	15 47	19 47	19 58	18 8	6 22	5 24
W30	15 2	16 53	1 27	11 25	0 54	12 42	1 28	4 11	2 55	2 58	1 9	14 15	2 23	23 25	0 20	22 5	1 15	17 24	15 46	19 47	19 59	18 6	6 21	5 24
T 31	14s43	13n53	2n28	10s38	0s44	12s15	1s28	4s13	2n55	2s53	1s 9	14s15	2n23	23s24	0s20	22n 5	1s14	17s23	15s46	19n47	20n 0	18n 5	6s20	5n24

Julian Day Number = 2295230.5, Delta T = 134.71 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'04, Lahiri = 17°53'04 Julian Calendar 1 Jan. 1572 == Greg. Calendar 11 Jan. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

FEBRUARY 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 20 11	21♒24'56	11♍40	6♓ 2	3♓ 0	17♎44	25♓38	15♏35	10♑38	23°R 8	22♓36	1°R51	0♌53	12♌35	0♓24	F 1
S 2	9 24 7	22°25'28	23°40	7°42	4°15	17°50	25°51	15°37	10°41	23♊ 8	22°37	1♌47	0°50	12°42	0°28	S 2
S 3	9 28 4	23°25'58	5♎48	9°20	5°30	17°57	26° 5	15°38	10°44	23° 7	22°38	1°44	0°46	12°48	0°32	S 3
M 4	9 32 0	24°26'27	18° 6	10°53	6°45	18° 2	26°18	15°39	10°47	23° 6	22°40	1°40	0°43	12°55	0°36	M 4
T 5	9 35 57	25°26'55	0♏38	12°24	8° 0	18° 7	26°31	15°40	10°49	23° 6	22°41	1°37	0°40	13° 2	0°41	T 5
W 6	9 39 54	26°27'21	13°26	13°49	9°15	18°11	26°45	15°41	10°52	23° 5	22°42	1°35	0°37	13° 8	0°45	W 6
T 7	9 43 50	27°27'46	26°32	15° 9	10°30	18°14	26°59	15°41	10°55	23° 5	22°44	1°D35	0°34	13°15	0°49	T 7
F 8	9 47 47	28°28'10	10♐ 1	16°24	11°45	18°17	27°12	15°42	10°58	23° 4	22°45	1°35	0°30	13°22	0°53	F 8
S 9	9 51 43	29°28'32	23°53	17°32	13° 0	18°19	27°26	15°43	11° 0	23° 4	22°47	1°36	0°27	13°28	0°57	S 9
S 10	9 55 40	0♓28'53	8♑ 8	18°33	14°14	18°20	27°40	15°43	11° 3	23° 3	22°48	1°38	0°24	13°35	1° 1	S 10
M11	9 59 36	1°29'12	22°47	19°27	15°29	18°R21	27°53	15°43	11° 6	23° 3	22°49	1°39	0°21	13°42	1° 5	M11
T 12	10 3 33	2°29'30	7♒43	20°12	16°44	18°21	28° 7	15°44	11° 8	23° 2	22°51	1°R39	0°18	13°48	1° 9	T 12
W13	10 7 29	3°29'46	22°51	20°48	17°59	18°20	28°21	15°44	11°11	23° 2	22°52	1°38	0°15	13°55	1°13	W13
T 14	10 11 26	4°30'01	8♓ 1	21°16	19°13	18°18	28°35	15°R44	11°13	23° 2	22°54	1°35	0°11	14° 1	1°17	T 14
F 15	10 15 23	5°30'13	23° 4	21°34	20°28	18°16	28°49	15°44	11°16	23° 1	22°55	1°30	0° 8	14° 8	1°21	F 15
S 16	10 19 19	6°30'24	7♈50	21°R43	21°43	18°12	29° 3	15°44	11°18	23° 1	22°57	1°25	0° 5	14°15	1°25	S 16
S 17	10 23 16	7°30'32	22°13	21°42	22°57	18° 8	29°17	15°43	11°20	23° 1	22°58	1°20	0° 2	14°21	1°29	S 17
M18	10 27 12	8°30'39	6♉ 7	21°32	24°12	18° 4	29°31	15°43	11°23	23° 1	23° 0	1°15	29♋59	14°28	1°33	M18
T 19	10 31 9	9°30'43	19°33	21°14	25°27	17°58	29°45	15°43	11°25	23° 0	23° 1	1°11	29°56	14°35	1°37	T 19
W20	10 35 5	10°30'46	2♊32	20°46	26°41	17°52	29°59	15°42	11°27	23° 0	23° 3	1° 9	29°52	14°41	1°41	W20
T 21	10 39 2	11°30'46	15° 6	20°12	27°56	17°45	0♈13	15°41	11°29	23° 0	23° 4	1°D 9	29°49	14°48	1°45	T 21
F 22	10 42 58	12°30'44	27°22	19°30	29°10	17°37	0°27	15°41	11°32	23° 0	23° 6	1°10	29°46	14°55	1°49	F 22
S 23	10 46 55	13°30'39	9♋23	18°43	0♈25	17°28	0°42	15°40	11°34	23°D 0	23° 7	1°12	29°43	15° 1	1°53	S 23
S 24	10 50 52	14°30'33	21°15	17°51	1°39	17°19	0°56	15°39	11°36	23° 0	23° 9	1°13	29°40	15° 8	1°57	S 24
M25	10 54 48	15°30'24	3♌ 2	16°55	2°54	17° 9	1°10	15°38	11°38	23° 0	23°10	1°R14	29°36	15°15	2° 1	M25
T 26	10 58 45	16°30'13	14°48	15°58	4° 8	16°58	1°24	15°36	11°40	23° 0	23°12	1°12	29°33	15°21	2° 5	T 26
W27	11 2 41	17°30'00	26°38	15° 0	5°22	16°46	1°39	15°35	11°42	23° 0	23°13	1° 9	29°30	15°28	2° 9	W27
T 28	11 6 38	18°29'45	8♍33	14° 3	6°37	16°34	1°53	15°34	11°44	23° 1	23°15	1° 4	29°27	15°35	2°13	T 28
F 29	11 10 34	19♓29'28	20♍35	13♓ 7	7♈51	16♎21	2♈ 7	15♏32	11♑46	23♊ 1	23♓16	0♌56	29♋24	15♌41	2♓17	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s24	10n19	3n22	9s50	0s34	11s48	1s28	4s15	2n56	2s47	1s 8	14s15	2n24	23s24	0s20	22n 5	1s14	17s23	15s46	19n48	20n 0	18n 4	6s18	5n24
S 2	14 4	6 19	4 8	9 3	0 22	11 20	1 28	4 17	2 57	2 42	1 8	14 15	2 24	23 24	0 20	22 5	1 14	17 22	15 46	19 48	20 1	18 3	6 17	5 23
S 3	13 44	2 2	4 43	8 15	0 10	10 52	1 28	4 19	2 58	2 36	1 8	14 16	2 24	23 24	0 20	22 5	1 14	17 21	15 46	19 49	20 2	18 2	6 16	5 23
M 4	13 24	2s24	5 6	7 28	0n 2	10 24	1 27	4 20	2 59	2 31	1 8	14 16	2 24	23 23	0 20	22 5	1 14	17 21	15 46	19 50	20 3	18 1	6 14	5 23
T 5	13 4	6 48	5 15	6 41	0 15	9 56	1 27	4 21	2 59	2 26	1 8	14 16	2 24	23 23	0 20	22 5	1 14	17 20	15 45	19 51	20 3	18 0	6 13	5 23
W 6	12 44	11 0	5 8	5 56	0 29	9 27	1 27	4 22	3 0	2 20	1 8	14 16	2 25	23 23	0 20	22 5	1 14	17 19	15 45	19 51	20 4	17 59	6 12	5 23
T 7	12 23	14 48	4 46	5 12	0 43	8 58	1 26	4 23	3 1	2 15	1 8	14 16	2 25	23 23	0 20	22 5	1 14	17 19	15 45	19 51	20 5	17 58	6 10	5 23
F 8	12 2	17 56	4 7	4 29	0 58	8 29	1 25	4 23	3 2	2 9	1 8	14 16	2 25	23 23	0 20	22 5	1 14	17 18	15 45	19 51	20 5	17 57	6 9	5 23
S 9	11 41	20 8	3 13	3 49	1 13	8 0	1 25	4 23	3 2	2 4	1 8	14 16	2 25	23 22	0 20	22 5	1 14	17 17	15 45	19 51	20 6	17 56	6 8	5 23
S 10	11 20	21 9	2 6	3 12	1 28	7 30	1 24	4 23	3 3	1 58	1 8	14 16	2 26	23 22	0 20	22 5	1 14	17 17	15 45	19 50	20 7	17 55	6 6	5 23
M11	10 58	20 46	0 49	2 37	1 43	7 1	1 23	4 23	3 4	1 52	1 8	14 16	2 26	23 22	0 20	22 5	1 14	17 16	15 45	19 50	20 7	17 54	6 5	5 23
T 12	10 37	18 55	0s33	2 6	1 57	6 31	1 22	4 22	3 4	1 47	1 8	14 15	2 26	23 22	0 20	22 5	1 14	17 15	15 45	19 50	20 8	17 52	6 3	5 23
W13	10 15	15 43	1 54	1 38	2 12	6 1	1 21	4 21	3 5	1 41	1 7	14 15	2 26	23 22	0 20	22 5	1 14	17 14	15 44	19 51	20 9	17 51	6 2	5 23
T 14	9 53	11 27	3 6	1 14	2 26	5 30	1 20	4 20	3 6	1 36	1 7	14 15	2 26	23 22	0 20	22 5	1 14	17 14	15 44	19 51	20 9	17 50	6 1	5 23
F 15	9 31	6 30	4 5	0 55	2 39	5 0	1 19	4 18	3 6	1 30	1 7	14 15	2 27	23 21	0 20	22 5	1 14	17 13	15 44	19 52	20 10	17 49	5 59	5 23
S 16	9 9	1 16	4 46	0 40	2 52	4 30	1 18	4 17	3 7	1 24	1 7	14 15	2 27	23 21	0 21	22 5	1 14	17 12	15 44	19 53	20 11	17 48	5 58	5 23
S 17	8 46	3n54	5 8	0 29	3 4	3 59	1 17	4 15	3 7	1 19	1 7	14 14	2 27	23 21	0 21	22 5	1 14	17 12	15 44	19 55	20 11	17 47	5 57	5 23
M18	8 24	8 42	5 11	0 24	3 14	3 28	1 16	4 13	3 8	1 13	1 7	14 14	2 27	23 21	0 21	22 5	1 14	17 11	15 44	19 56	20 12	17 46	5 55	5 23
T 19	8 1	12 54	4 56	0 23	3 23	2 57	1 15	4 10	3 8	1 7	1 7	14 14	2 27	23 21	0 21	22 5	1 14	17 11	15 44	19 56	20 13	17 45	5 54	5 23
W20	7 39	16 21	4 26	0 27	3 30	2 26	1 13	4 7	3 8	1 2	1 7	14 13	2 28	23 20	0 21	22 5	1 14	17 10	15 44	19 57	20 13	17 44	5 52	5 23
T 21	7 16	18 56	3 45	0 36	3 35	1 55	1 12	4 4	3 9	0 56	1 7	14 13	2 28	23 20	0 21	22 5	1 13	17 9	15 44	19 57	20 14	17 42	5 51	5 23
F 22	6 53	20 34	2 54	0 48	3 39	1 24	1 10	4 1	3 9	0 50	1 7	14 12	2 28	23 20	0 21	22 5	1 13	17 9	15 44	19 57	20 15	17 41	5 49	5 23
S 23	6 30	21 14	1 56	1 5	3 41	0 53	1 9	3 58	3 9	0 45	1 7	14 12	2 28	23 20	0 21	22 5	1 13	17 8	15 44	19 56	20 15	17 40	5 48	5 23
S 24	6 7	20 55	0 54	1 26	3 40	0 22	1 7	3 54	3 9	0 39	1 7	14 11	2 29	23 20	0 21	22 5	1 13	17 7	15 44	19 56	20 16	17 39	5 47	5 23
M25	5 44	19 41	0n10	1 50	3 38	0n 9	1 6	3 50	3 10	0 33	1 7	14 11	2 29	23 20	0 21	22 5	1 13	17 7	15 44	19 56	20 17	17 38	5 45	5 23
T 26	5 20	17 36	1 13	2 16	3 33	0 40	1 4	3 46	3 10	0 27	1 7	14 10	2 29	23 19	0 21	22 5	1 13	17 6	15 44	19 56	20 17	17 37	5 44	5 23
W27	4 57	14 45	2 13	2 44	3 27	1 11	1 2	3 41	3 10	0 22	1 7	14 10	2 29	23 19	0 21	22 5	1 13	17 5	15 44	19 57	20 18	17 35	5 42	5 23
T 28	4 34	11 17	3 8	3 14	3 19	1 42	1 0	3 36	3 10	0 16	1 7	14 9	2 29	23 19	0 21	22 6	1 13	17 5	15 44	19 58	20 19	17 34	5 41	5 23
F 29	4s10	7n20	3n55	3s44	3n 9	2n14	0s58	3s31	3n10	0s10	1s 7	14s 9	2n30	23s19	0s21	22n 6	1s13	17s 4	15s43	20n 0	20n19	17n33	5s40	5n23

Julian Day Number = 2295261.5, Delta T = 134.55 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'08, Lahiri = 17°53'09 Julian Calendar 1 Feb. 1572 == Greg. Calendar 11 Feb. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

MARCH 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 14 31	20♓29'09	2♎47	12°R14	9♈ 5	16°R 7	2♈22	15°R31	11♑47	23♊ 1	23♓18	0°R47	29♋21	15♌48	2♓21	S 1
S 2	11 18 27	21°28'48	15° 8	11♓25	10°19	15♎52	2°36	15♏29	11°49	23° 1	23°19	0♌38	29°17	15°54	2°25	S 2
M 3	11 22 24	22°28'25	27°41	10°40	11°33	15°37	2°51	15°27	11°51	23° 2	23°21	0°28	29°14	16° 1	2°29	M 3
T 4	11 26 21	23°28'00	10♏25	10° 1	12°48	15°21	3° 5	15°26	11°53	23° 2	23°22	0°20	29°11	16° 8	2°32	T 4
W 5	11 30 17	24°27'33	23°22	9°26	14° 2	15° 4	3°19	15°24	11°54	23° 2	23°24	0°14	29° 8	16°14	2°36	W 5
T 6	11 34 14	25°27'05	6♐33	8°58	15°16	14°47	3°34	15°22	11°56	23° 3	23°25	0°10	29° 5	16°21	2°40	T 6
F 7	11 38 10	26°26'35	20° 0	8°36	16°30	14°29	3°48	15°19	11°57	23° 3	23°27	0° 8	29° 1	16°28	2°44	F 7
S 8	11 42 7	27°26'03	3♑43	8°20	17°44	14°11	4° 3	15°17	11°59	23° 4	23°28	0°D 8	28°58	16°34	2°48	S 8
S 9	11 46 3	28°25'29	17°45	8°10	18°58	13°52	4°17	15°15	12° 0	23° 4	23°30	0° 8	28°55	16°41	2°51	S 9
M10	11 50 0	29°24'54	2♒ 4	8°D 6	20°12	13°32	4°32	15°13	12° 2	23° 5	23°31	0°R 9	28°52	16°48	2°55	M10
T 11	11 53 56	0♈24'17	16°39	8° 7	21°26	13°12	4°46	15°10	12° 3	23° 5	23°33	0° 8	28°49	16°54	2°59	T 11
W12	11 57 53	1°23'38	1♓27	8°14	22°40	12°52	5° 1	15° 8	12° 5	23° 6	23°34	0° 4	28°46	17° 1	3° 3	W12
T 13	12 1 50	2°22'57	16°20	8°27	23°53	12°31	5°15	15° 5	12° 6	23° 6	23°36	29♋58	28°42	17° 8	3° 6	T 13
F 14	12 5 46	3°22'14	1♈11	8°45	25° 7	12° 9	5°30	15° 2	12° 7	23° 7	23°37	29°50	28°39	17°14	3°10	F 14
S 15	12 9 43	4°21'29	15°51	9° 7	26°21	11°47	5°44	14°59	12° 8	23° 8	23°39	29°40	28°36	17°21	3°13	S 15
S 16	12 13 39	5°20'42	0♉13	9°35	27°35	11°25	5°59	14°57	12° 9	23° 8	23°40	29°30	28°33	17°28	3°17	S 16
M17	12 17 36	6°19'52	14°10	10° 6	28°48	11° 3	6°13	14°54	12°10	23° 9	23°42	29°20	28°30	17°34	3°21	M17
T 18	12 21 32	7°19'01	27°40	10°42	0♉ 2	10°40	6°28	14°51	12°11	23°10	23°43	29°12	28°27	17°41	3°24	T 18
W19	12 25 29	8°18'07	10♊44	11°22	1°16	10°18	6°42	14°47	12°12	23°11	23°45	29° 6	28°23	17°48	3°28	W19
T 20	12 29 25	9°17'11	23°22	12° 5	2°29	9°55	6°57	14°44	12°13	23°12	23°46	29° 3	28°20	17°54	3°31	T 20
F 21	12 33 22	10°16'12	5♋40	12°53	3°43	9°32	7°12	14°41	12°14	23°13	23°48	29°D 2	28°17	18° 1	3°34	F 21
S 22	12 37 18	11°15'12	17°42	13°43	4°56	9° 8	7°26	14°38	12°15	23°13	23°49	29° 2	28°14	18° 8	3°38	S 22
S 23	12 41 15	12°14'09	29°34	14°37	6°10	8°45	7°41	14°34	12°16	23°14	23°51	29°R 2	28°11	18°14	3°41	S 23
M24	12 45 12	13°13'03	11♌22	15°33	7°23	8°22	7°55	14°31	12°16	23°15	23°52	29° 1	28° 7	18°21	3°45	M24
T 25	12 49 8	14°11'56	23°10	16°33	8°36	7°59	8° 9	14°27	12°17	23°16	23°54	28°59	28° 4	18°27	3°48	T 25
W26	12 53 5	15°10'46	5♍ 2	17°35	9°50	7°37	8°24	14°24	12°18	23°17	23°55	28°54	28° 1	18°34	3°51	W26
T 27	12 57 1	16° 9'34	17° 4	18°40	11° 3	7°14	8°38	14°20	12°18	23°18	23°56	28°46	27°58	18°41	3°54	T 27
F 28	13 0 58	17° 8'20	29°16	19°47	12°16	6°51	8°53	14°16	12°19	23°20	23°58	28°36	27°55	18°47	3°58	F 28
S 29	13 4 54	18° 7'03	11♎41	20°57	13°29	6°29	9° 7	14°13	12°19	23°21	23°59	28°24	27°52	18°54	4° 1	S 29
S 30	13 8 51	19° 5'45	24°19	22° 9	14°43	6° 7	9°22	14° 9	12°20	23°22	24° 1	28°11	27°48	19° 1	4° 4	S 30
M31	13 12 47	20♈ 4'25	7♏11	23♓24	15♉56	5♎46	9♈36	14♏ 5	12♑20	23♊23	24♓ 2	27♋58	27♋45	19♌ 7	4♓ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s47	3n 2	4n31	4s15	2n58	2n45	0s56	3s26	3n10	0s 4	1s 7	14s 8	2n30	23s19	0s21	22n 6	1s13	17s 4	15s43	20n 2	20n20	17n32	5s38	5n23
S 2	3 23	1s26	4 55	4 45	2 46	3 16	0 55	3 21	3 9	0n 1	1 6	14 7	2 30	23 19	0 21	22 6	1 13	17 3	15 43	20 4	20 21	17 31	5 37	5 23
M 3	3 0	5 55	5 6	5 14	2 33	3 47	0 53	3 15	3 9	0 7	1 6	14 7	2 30	23 19	0 21	22 6	1 13	17 2	15 43	20 6	20 21	17 30	5 35	5 23
T 4	2 36	10 12	5 2	5 42	2 19	4 17	0 50	3 9	3 9	0 13	1 6	14 6	2 30	23 19	0 21	22 6	1 13	17 2	15 43	20 8	20 22	17 28	5 34	5 23
W 5	2 12	14 6	4 42	6 8	2 4	4 48	0 48	3 3	3 8	0 19	1 6	14 5	2 30	23 18	0 21	22 6	1 13	17 1	15 44	20 9	20 23	17 27	5 33	5 23
T 6	1 49	17 24	4 7	6 32	1 49	5 19	0 46	2 57	3 8	0 24	1 6	14 5	2 31	23 18	0 21	22 6	1 13	17 1	15 44	20 10	20 23	17 26	5 31	5 23
F 7	1 25	19 49	3 18	6 55	1 34	5 49	0 44	2 51	3 7	0 30	1 6	14 4	2 31	23 18	0 21	22 6	1 13	17 0	15 44	20 10	20 24	17 25	5 30	5 23
S 8	1 1	21 10	2 17	7 15	1 19	6 20	0 42	2 44	3 7	0 36	1 6	14 3	2 31	23 18	0 21	22 6	1 13	16 59	15 44	20 10	20 25	17 24	5 28	5 23
S 9	0 38	21 13	1 6	7 33	1 3	6 50	0 39	2 37	3 6	0 42	1 6	14 2	2 31	23 18	0 21	22 6	1 13	16 59	15 44	20 10	20 25	17 22	5 27	5 23
M10	0 14	19 55	0s10	7 48	0 48	7 20	0 37	2 31	3 5	0 47	1 6	14 1	2 31	23 18	0 21	22 6	1 13	16 58	15 44	20 10	20 26	17 21	5 25	5 23
T 11	0n10	17 16	1 27	8 1	0 34	7 50	0 35	2 24	3 4	0 53	1 6	14 0	2 32	23 18	0 21	22 6	1 13	16 58	15 44	20 10	20 27	17 20	5 24	5 23
W12	0 33	13 28	2 39	8 12	0 19	8 20	0 32	2 16	3 3	0 59	1 6	14 0	2 32	23 18	0 21	22 6	1 12	16 57	15 44	20 11	20 27	17 19	5 23	5 24
T 13	0 57	8 47	3 41	8 20	0 6	8 50	0 30	2 9	3 2	1 5	1 6	13 59	2 32	23 18	0 21	22 7	1 12	16 57	15 44	20 12	20 28	17 17	5 21	5 24
F 14	1 21	3 36	4 27	8 26	0s 8	9 19	0 27	2 2	3 1	1 11	1 6	13 58	2 32	23 17	0 21	22 7	1 12	16 56	15 44	20 14	20 29	17 16	5 20	5 24
S 15	1 44	1n43	4 55	8 29	0 21	9 48	0 25	1 54	3 0	1 16	1 6	13 57	2 32	23 17	0 21	22 7	1 12	16 56	15 44	20 16	20 29	17 15	5 19	5 24
S 16	2 8	6 50	5 3	8 31	0 33	10 17	0 22	1 47	2 59	1 22	1 6	13 56	2 32	23 17	0 21	22 7	1 12	16 55	15 44	20 18	20 30	17 14	5 17	5 24
M17	2 31	11 27	4 53	8 30	0 45	10 46	0 20	1 39	2 58	1 28	1 6	13 55	2 32	23 17	0 21	22 7	1 12	16 55	15 44	20 20	20 31	17 12	5 16	5 24
T 18	2 55	15 21	4 27	8 26	0 56	11 14	0 17	1 32	2 56	1 34	1 6	13 54	2 33	23 17	0 21	22 7	1 12	16 54	15 44	20 22	20 31	17 11	5 14	5 24
W19	3 18	18 21	3 48	8 21	1 7	11 43	0 15	1 24	2 55	1 39	1 6	13 53	2 33	23 17	0 21	22 7	1 12	16 53	15 44	20 23	20 32	17 10	5 13	5 24
T 20	3 41	20 22	2 58	8 14	1 17	12 11	0 12	1 17	2 53	1 45	1 6	13 52	2 33	23 17	0 21	22 7	1 12	16 53	15 44	20 24	20 32	17 9	5 12	5 24
F 21	4 5	21 21	2 1	8 5	1 27	12 38	0 9	1 9	2 52	1 51	1 6	13 51	2 33	23 17	0 21	22 7	1 12	16 53	15 45	20 24	20 33	17 7	5 10	5 25
S 22	4 28	21 20	1 0	7 53	1 36	13 6	0 7	1 2	2 50	1 57	1 6	13 49	2 33	23 17	0 21	22 7	1 12	16 52	15 45	20 24	20 34	17 6	5 9	5 25
S 23	4 51	20 20	0n 3	7 40	1 44	13 33	0 4	0 54	2 48	2 2	1 6	13 48	2 33	23 17	0 21	22 7	1 12	16 52	15 45	20 24	20 34	17 5	5 8	5 25
M24	5 14	18 27	1 5	7 26	1 52	13 59	0 1	0 47	2 46	2 8	1 6	13 47	2 33	23 17	0 21	22 8	1 12	16 51	15 45	20 24	20 35	17 4	5 6	5 25
T 25	5 37	15 47	2 4	7 9	1 59	14 26	0n 2	0 40	2 44	2 14	1 6	13 46	2 33	23 17	0 21	22 8	1 12	16 51	15 45	20 25	20 36	17 2	5 5	5 25
W26	6 0	12 27	2 59	6 51	2 6	14 52	0 4	0 33	2 42	2 19	1 6	13 45	2 34	23 17	0 21	22 8	1 12	16 50	15 45	20 26	20 36	17 1	5 4	5 25
T 27	6 22	8 35	3 46	6 31	2 12	15 17	0 7	0 25	2 40	2 25	1 6	13 44	2 34	23 17	0 22	22 8	1 12	16 50	15 45	20 27	20 37	17 0	5 2	5 26
F 28	6 45	4 18	4 23	6 9	2 17	15 43	0 10	0 19	2 38	2 31	1 6	13 43	2 34	23 17	0 22	22 8	1 12	16 49	15 45	20 29	20 38	16 58	5 1	5 26
S 29	7 7	0s13	4 48	5 46	2 22	16 7	0 13	0 12	2 36	2 36	1 6	13 41	2 34	23 17	0 22	22 8	1 12	16 49	15 46	20 32	20 38	16 57	5 0	5 26
S 30	7 30	4 48	5 0	5 22	2 26	16 32	0 15	0 5	2 34	2 42	1 6	13 40	2 34	23 17	0 22	22 8	1 12	16 48	15 46	20 34	20 39	16 56	4 59	5 26
M31	7n52	9s16	4n57	4s56	2s30	16n56	0n18	0n 1	2n31	2n48	1s 6	13s39	2n34	23s17	0s22	22n 8	1s12	16s48	15s46	20n37	20n39	16n54	4s57	5n26

Julian Day Number = 2295290.5, Delta T = 134.40 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'12, Lahiri = 17°53'12 Julian Calendar 1 March 1572 == Greg. Calendar 11 March 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

APRIL 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 16 44	21♈ 3'02	20♏15	24♓40	17♉ 9	5°R25	9♈50	14°R 1	12♑20	23♊24	24♓ 3	27°R46	27♋42	19♌14	4♓10	T 1
W 2	13 20 41	22° 1'39	3♐31	25°59	18°22	5♎ 4	10° 5	13♏57	12°20	23°25	24° 5	27♋37	27°39	19°21	4°13	W 2
T 3	13 24 37	23° 0'13	16°57	27°19	19°35	4°43	10°19	13°53	12°21	23°27	24° 6	27°31	27°36	19°27	4°16	T 3
F 4	13 28 34	23°58'46	0♑33	28°42	20°47	4°24	10°33	13°49	12°21	23°28	24° 8	27°27	27°32	19°34	4°19	F 4
S 5	13 32 30	24°57'17	14°20	0♈ 7	22° 0	4° 4	10°48	13°45	12°21	23°29	24° 9	27°26	27°29	19°41	4°22	S 5
S 6	13 36 27	25°55'46	28°18	1°33	23°13	3°45	11° 2	13°41	12°21	23°31	24°10	27°26	27°26	19°47	4°25	S 6
M 7	13 40 23	26°54'14	12♒25	3° 2	24°26	3°27	11°16	13°36	12°R21	23°32	24°12	27°25	27°23	19°54	4°28	M 7
T 8	13 44 20	27°52'40	26°43	4°32	25°39	3°10	11°30	13°32	12°21	23°34	24°13	27°24	27°20	20° 1	4°30	T 8
W 9	13 48 16	28°51'05	11♓ 7	6° 4	26°51	2°52	11°45	13°28	12°21	23°35	24°14	27°20	27°17	20° 7	4°33	W 9
T 10	13 52 13	29°49'28	25°36	7°38	28° 4	2°36	11°59	13°24	12°21	23°36	24°15	27°13	27°13	20°14	4°36	T 10
F 11	13 56 10	0♉47'49	10♈ 3	9°14	29°16	2°20	12°13	13°19	12°20	23°38	24°17	27° 3	27°10	20°21	4°38	F 11
S 12	14 0 6	1°46'09	24°22	10°51	0♊29	2° 5	12°27	13°15	12°20	23°39	24°18	26°52	27° 7	20°27	4°41	S 12
S 13	14 4 3	2°44'26	8♉28	12°31	1°41	1°51	12°41	13°11	12°20	23°41	24°19	26°40	27° 4	20°34	4°44	S 13
M14	14 7 59	3°42'42	22°14	14°12	2°54	1°38	12°55	13° 6	12°20	23°42	24°20	26°28	27° 1	20°41	4°46	M14
T 15	14 11 56	4°40'57	5♊38	15°55	4° 6	1°25	13° 9	13° 2	12°19	23°44	24°22	26°18	26°58	20°47	4°49	T 15
W16	14 15 52	5°39'09	18°38	17°40	5°19	1°13	13°23	12°57	12°19	23°46	24°23	26°11	26°54	20°54	4°51	W16
T 17	14 19 49	6°37'19	1♋17	19°26	6°31	1° 2	13°37	12°53	12°18	23°47	24°24	26° 7	26°51	21° 1	4°53	T 17
F 18	14 23 45	7°35'28	13°35	21°15	7°43	0°51	13°51	12°48	12°18	23°49	24°25	26° 5	26°48	21° 7	4°56	F 18
S 19	14 27 42	8°33'34	25°39	23° 5	8°55	0°42	14° 5	12°44	12°17	23°51	24°26	26°D 4	26°45	21°14	4°58	S 19
S 20	14 31 39	9°31'39	7♌33	24°57	10° 7	0°33	14°18	12°39	12°16	23°52	24°28	26°R 4	26°42	21°21	5° 0	S 20
M21	14 35 35	10°29'41	19°22	26°51	11°19	0°25	14°32	12°35	12°16	23°54	24°29	26° 4	26°38	21°27	5° 2	M21
T 22	14 39 32	11°27'42	1♍12	28°47	12°31	0°18	14°46	12°30	12°15	23°56	24°30	26° 2	26°35	21°34	5° 4	T 22
W23	14 43 28	12°25'41	13° 7	0♉44	13°43	0°11	15° 0	12°26	12°14	23°58	24°31	25°58	26°32	21°41	5° 7	W23
T 24	14 47 25	13°23'38	25°13	2°43	14°55	0° 6	15°13	12°21	12°13	23°59	24°32	25°52	26°29	21°47	5° 9	T 24
F 25	14 51 21	14°21'33	7♎33	4°44	16° 7	0° 1	15°27	12°17	12°12	24° 1	24°33	25°43	26°26	21°54	5°11	F 25
S 26	14 55 18	15°19'26	20°10	6°47	17°19	29♍57	15°40	12°12	12°12	24° 3	24°34	25°33	26°23	22° 0	5°12	S 26
S 27	14 59 14	16°17'18	3♏ 4	8°51	18°30	29°54	15°54	12° 8	12°11	24° 5	24°35	25°21	26°19	22° 7	5°14	S 27
M28	15 3 11	17°15'08	16°14	10°57	19°42	29°51	16° 7	12° 3	12°10	24° 7	24°36	25°10	26°16	22°14	5°16	M28
T 29	15 7 7	18°12'57	29°41	13° 4	20°53	29°49	16°21	11°59	12° 8	24° 8	24°37	25° 0	26°13	22°20	5°18	T 29
W30	15 11 4	19♉10'44	13♐20	15♉13	22♊ 5	29♍49	16♈34	11♏54	12♑ 7	24♊10	24♓38	24♋52	26♋10	22♌27	5♓20	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n14	13s23	4n38	4s28	2s33	17n20	0n21	0n 7	2n29	2n53	1s 6	13s38	2n34	23s17	0s22	22n 8	1s12	16s48	15s46	20n39	20n40	16n53	4s56	5n26
W 2	8 36	16 54	4 4	3 59	2 36	17 43	0 24	0 14	2 27	2 59	1 6	13 36	2 34	23 17	0 22	22 8	1 11	16 47	15 46	20 41	20 41	16 52	4 55	5 27
T 3	8 58	19 36	3 17	3 29	2 38	18 6	0 27	0 19	2 24	3 5	1 6	13 35	2 34	23 17	0 22	22 9	1 11	16 47	15 46	20 42	20 41	16 50	4 53	5 27
F 4	9 19	21 13	2 17	2 57	2 40	18 28	0 30	0 25	2 22	3 10	1 6	13 34	2 34	23 17	0 22	22 9	1 11	16 47	15 47	20 43	20 42	16 49	4 52	5 27
S 5	9 41	21 35	1 9	2 24	2 40	18 50	0 32	0 30	2 19	3 16	1 6	13 33	2 34	23 17	0 22	22 9	1 11	16 46	15 47	20 43	20 43	16 48	4 51	5 27
S 6	10 2	20 37	0s 5	1 50	2 41	19 11	0 35	0 35	2 17	3 21	1 7	13 31	2 35	23 17	0 22	22 9	1 11	16 46	15 47	20 43	20 43	16 46	4 50	5 27
M 7	10 24	18 22	1 18	1 15	2 41	19 32	0 38	0 40	2 14	3 27	1 7	13 30	2 35	23 17	0 22	22 9	1 11	16 45	15 47	20 43	20 44	16 45	4 49	5 27
T 8	10 45	14 58	2 28	0 38	2 40	19 52	0 41	0 45	2 11	3 32	1 7	13 29	2 35	23 17	0 22	22 9	1 11	16 45	15 47	20 44	20 44	16 44	4 47	5 28
W 9	11 5	10 38	3 29	0 1	2 39	20 12	0 43	0 49	2 9	3 38	1 7	13 27	2 35	23 17	0 22	22 9	1 11	16 45	15 48	20 45	20 45	16 42	4 46	5 28
T 10	11 26	5 41	4 17	0n38	2 37	20 32	0 46	0 53	2 6	3 43	1 7	13 26	2 35	23 17	0 22	22 9	1 11	16 44	15 48	20 46	20 46	16 41	4 45	5 28
F 11	11 47	0 25	4 48	1 18	2 35	20 50	0 49	0 57	2 3	3 49	1 7	13 25	2 35	23 17	0 22	22 9	1 11	16 44	15 48	20 48	20 46	16 40	4 44	5 28
S 12	12 7	4n49	5 0	1 59	2 32	21 8	0 52	1 1	2 1	3 54	1 7	13 23	2 35	23 17	0 22	22 10	1 11	16 44	15 48	20 50	20 47	16 38	4 43	5 29
S 13	12 27	9 42	4 54	2 41	2 28	21 26	0 54	1 4	1 58	4 0	1 7	13 22	2 35	23 17	0 22	22 10	1 11	16 44	15 48	20 52	20 48	16 37	4 42	5 29
M14	12 47	14 0	4 31	3 24	2 24	21 43	0 57	1 7	1 55	4 5	1 7	13 21	2 35	23 17	0 22	22 10	1 11	16 43	15 49	20 54	20 48	16 36	4 41	5 29
T 15	13 7	17 28	3 53	4 7	2 20	22 0	1 0	1 9	1 53	4 11	1 7	13 19	2 35	23 17	0 22	22 10	1 11	16 43	15 49	20 56	20 49	16 34	4 40	5 29
W16	13 26	19 57	3 4	4 52	2 15	22 16	1 2	1 12	1 50	4 16	1 7	13 18	2 35	23 17	0 22	22 10	1 11	16 43	15 49	20 58	20 49	16 33	4 38	5 29
T 17	13 45	21 22	2 7	5 37	2 10	22 31	1 5	1 14	1 47	4 21	1 7	13 17	2 35	23 17	0 22	22 10	1 11	16 42	15 49	20 58	20 50	16 31	4 37	5 30
F 18	14 4	21 42	1 6	6 24	2 4	22 46	1 8	1 15	1 44	4 27	1 7	13 15	2 35	23 17	0 22	22 10	1 11	16 42	15 50	20 59	20 51	16 30	4 36	5 30
S 19	14 23	21 1	0 2	7 11	1 57	23 0	1 10	1 17	1 42	4 32	1 7	13 14	2 35	23 18	0 22	22 10	1 11	16 42	15 50	20 59	20 51	16 29	4 35	5 30
S 20	14 42	19 24	1n 1	7 58	1 50	23 13	1 13	1 18	1 39	4 37	1 7	13 13	2 35	23 18	0 22	22 10	1 11	16 42	15 50	20 59	20 52	16 27	4 34	5 30
M21	15 0	16 57	2 0	8 46	1 43	23 26	1 15	1 18	1 36	4 42	1 7	13 11	2 35	23 18	0 22	22 11	1 11	16 42	15 50	20 59	20 52	16 26	4 33	5 31
T 22	15 18	13 48	2 55	9 35	1 35	23 38	1 18	1 19	1 34	4 48	1 7	13 10	2 35	23 18	0 22	22 11	1 11	16 41	15 51	20 59	20 53	16 24	4 32	5 31
W23	15 36	10 4	3 43	10 24	1 27	23 49	1 20	1 19	1 31	4 53	1 7	13 9	2 35	23 18	0 22	22 11	1 11	16 41	15 51	21 0	20 54	16 23	4 31	5 31
T 24	15 54	5 53	4 21	11 14	1 18	24 0	1 22	1 19	1 28	4 58	1 8	13 7	2 35	23 18	0 22	22 11	1 11	16 41	15 51	21 1	20 54	16 22	4 30	5 31
F 25	16 11	1 24	4 47	12 3	1 9	24 10	1 25	1 18	1 26	5 3	1 8	13 6	2 35	23 18	0 22	22 11	1 11	16 41	15 52	21 3	20 55	16 20	4 29	5 32
S 26	16 28	3s15	5 1	12 53	0 59	24 20	1 27	1 17	1 23	5 8	1 8	13 5	2 35	23 18	0 22	22 11	1 11	16 41	15 52	21 5	20 56	16 19	4 28	5 32
S 27	16 45	7 52	5 0	13 42	0 50	24 29	1 29	1 16	1 20	5 14	1 8	13 3	2 35	23 18	0 22	22 11	1 11	16 41	15 52	21 7	20 56	16 17	4 27	5 32
M28	17 1	12 13	4 42	14 31	0 40	24 37	1 32	1 15	1 18	5 19	1 8	13 2	2 35	23 18	0 22	22 11	1 10	16 40	15 52	21 9	20 57	16 16	4 27	5 32
T 29	17 18	16 4	4 9	15 20	0 29	24 44	1 34	1 13	1 15	5 24	1 8	13 1	2 34	23 19	0 22	22 11	1 10	16 40	15 53	21 11	20 57	16 15	4 26	5 33
W30	17n34	19s 7	3n22	16n 8	0s19	24n51	1n36	1n11	1n13	5n29	1s 8	13s 0	2n34	23s19	0s22	22n12	1s10	16s40	15s53	21n12	20n58	16n13	4s25	5n33

Julian Day Number = 2295321.5, Delta T = 134.24 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'16, Lahiri = 17°53'17 Julian Calendar 1 Apr. 1572 == Greg. Calendar 11 Apr. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

MAY 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 15 1	20♉ 8'30	27♐ 9	17♉22	23♊16	29°D48	16♈47	11°R50	12°R 6	24♊12	24♓39	24°R46	26♋ 7	22♌34	5♓21	T 1
F 2	15 18 57	21° 6'15	11♑ 7	19°32	24°28	29♍49	17° 0	11♏46	12♑ 5	24°14	24°40	24♋43	26° 4	22°40	5°23	F 2
S 3	15 22 54	22° 3'59	25° 9	21°43	25°39	29°51	17°14	11°41	12° 4	24°16	24°41	24°D43	26° 0	22°47	5°24	S 3
S 4	15 26 50	23° 1'41	9♒15	23°55	26°50	29°53	17°27	11°37	12° 3	24°18	24°42	24°43	25°57	22°54	5°26	S 4
M 5	15 30 47	23°59'23	23°23	26° 6	28° 1	29°56	17°40	11°32	12° 1	24°20	24°43	24°R44	25°54	23° 0	5°27	M 5
T 6	15 34 43	24°57'03	7♓32	28°18	29°13	29°59	17°53	11°28	12° 0	24°22	24°44	24°43	25°51	23° 7	5°29	T 6
W 7	15 38 40	25°54'43	21°41	0♊29	0♋24	0♎ 4	18° 6	11°24	11°58	24°24	24°44	24°40	25°48	23°14	5°30	W 7
T 8	15 42 37	26°52'21	5♈47	2°39	1°34	0° 9	18°18	11°20	11°57	24°26	24°45	24°36	25°44	23°20	5°31	T 8
F 9	15 46 33	27°49'58	19°48	4°48	2°45	0°14	18°31	11°15	11°56	24°28	24°46	24°28	25°41	23°27	5°33	F 9
S 10	15 50 30	28°47'35	3♉41	6°56	3°56	0°21	18°44	11°11	11°54	24°30	24°47	24°20	25°38	23°34	5°34	S 10
S 11	15 54 26	29°45'10	17°21	9° 3	5° 7	0°28	18°57	11° 7	11°52	24°32	24°48	24°11	25°35	23°40	5°35	S 11
M12	15 58 23	0♊42'44	0♊46	11° 8	6°18	0°36	19° 9	11° 3	11°51	24°34	24°48	24° 2	25°32	23°47	5°36	M12
T 13	16 2 19	1°40'18	13°54	13°12	7°28	0°44	19°22	10°59	11°49	24°36	24°49	23°55	25°29	23°54	5°37	T 13
W14	16 6 16	2°37'50	26°43	15°13	8°39	0°54	19°34	10°55	11°48	24°38	24°50	23°49	25°25	24° 0	5°38	W14
T 15	16 10 12	3°35'21	9♋14	17°12	9°49	1° 3	19°46	10°51	11°46	24°41	24°51	23°46	25°22	24° 7	5°39	T 15
F 16	16 14 9	4°32'50	21°29	19° 8	11° 0	1°14	19°59	10°47	11°44	24°43	24°51	23°D45	25°19	24°14	5°40	F 16
S 17	16 18 6	5°30'19	3♌32	21° 3	12°10	1°25	20°11	10°43	11°42	24°45	24°52	23°45	25°16	24°20	5°40	S 17
S 18	16 22 2	6°27'46	15°25	22°55	13°20	1°37	20°23	10°39	11°41	24°47	24°53	23°47	25°13	24°27	5°41	S 18
M19	16 25 59	7°25'12	27°15	24°44	14°30	1°49	20°35	10°35	11°39	24°49	24°53	23°48	25°10	24°34	5°42	M19
T 20	16 29 55	8°22'37	9♍ 6	26°31	15°40	2° 2	20°47	10°32	11°37	24°51	24°54	23°R48	25° 6	24°40	5°42	T 20
W21	16 33 52	9°20'00	21° 3	28°15	16°50	2°15	20°59	10°28	11°35	24°53	24°54	23°47	25° 3	24°47	5°43	W21
T 22	16 37 48	10°17'22	3♎11	29°56	18° 0	2°29	21°11	10°24	11°33	24°56	24°55	23°45	25° 0	24°54	5°43	T 22
F 23	16 41 45	11°14'44	15°34	1♋35	19°10	2°44	21°23	10°21	11°31	24°58	24°55	23°41	24°57	25° 0	5°44	F 23
S 24	16 45 41	12°12'04	28°17	3°11	20°19	2°59	21°34	10°17	11°29	25° 0	24°56	23°35	24°54	25° 7	5°44	S 24
S 25	16 49 38	13° 9'23	11♏20	4°44	21°29	3°15	21°46	10°14	11°27	25° 2	24°56	23°29	24°50	25°14	5°45	S 25
M26	16 53 35	14° 6'42	24°44	6°15	22°38	3°31	21°57	10°10	11°25	25° 4	24°57	23°22	24°47	25°20	5°45	M26
T 27	16 57 31	15° 3'59	8♐29	7°43	23°48	3°48	22° 9	10° 7	11°23	25° 7	24°57	23°16	24°44	25°27	5°45	T 27
W28	17 1 28	16° 1'16	22°31	9° 8	24°57	4° 5	22°20	10° 4	11°21	25° 9	24°58	23°12	24°41	25°34	5°45	W28
T 29	17 5 24	16°58'33	6♑45	10°30	26° 6	4°22	22°31	10° 1	11°19	25°11	24°58	23° 9	24°38	25°40	5°45	T 29
F 30	17 9 21	17°55'49	21° 8	11°49	27°15	4°41	22°42	9°58	11°17	25°13	24°58	23°D 8	24°35	25°47	5°R45	F 30
S 31	17 13 17	18♊53'04	5♒34	13♋ 5	28♋24	4♎59	22♈53	9♏55	11♑15	25♊15	24♓59	23♋ 9	24♋31	25♌54	5♓45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n49	21s 6	2n21	16n55	0s 8	24n57	1n38	1n 9	1n10	5n34	1s 8	12s58	2n34	23s19	0s22	22n12	1s10	16s40	15s53	21n13	20n59	16n12	4s24	5n33	
F 2	18 5	21 50	1 12	17 41	0n 2	25 2	1 40	1 6	1 8	5 39	1 8	12 57	2 34	23 19	0 22	22 12	1 10	16 40	15 54	21 14	20 59	16 10	4 23	5 33	
S 3	18 20	21 11	0s 2	18 26	0 13	25 7	1 42	1 4	1 5	5 44	1 8	12 56	2 34	23 19	0 22	22 12	1 10	16 40	15 54	21 14	21 0	16 9	4 22	5 34	
S 4	18 34	19 13	1 17	19 10	0 23	25 11	1 44	1 0	1 3	5 49	1 8	12 54	2 34	23 19	0 22	22 12	1 10	16 40	15 54	21 14	21 0	16 7	4 22	5 34	
M 5	18 49	16 4	2 27	19 52	0 33	25 14	1 45	0 57	1 0	5 53	1 9	12 53	2 34	23 19	0 23	22 12	1 10	16 40	15 55	21 14	21 1	16 6	4 21	5 34	
T 6	19 3	11 59	3 28	20 32	0 43	25 17	1 47	0 53	0 58	5 58	1 9	12 52	2 34	23 19	0 23	22 12	1 10	16 40	15 55	21 14	21 1	16 4	4 20	5 35	
W 7	19 17	7 14	4 17	21 10	0 53	25 18	1 49	0 49	0 56	6 3	1 9	12 51	2 34	23 20	0 23	22 12	1 10	16 40	15 55	21 14	21 2	16 3	4 19	5 35	
T 8	19 30	2 7	4 49	21 46	1 3	25 19	1 50	0 45	0 53	6 8	1 9	12 50	2 34	23 20	0 23	22 12	1 10	16 40	15 56	21 15	21 3	16 1	4 19	5 35	
F 9	19 43	3n 4	5 4	22 19	1 11	25 20	1 52	0 41	0 51	6 13	1 9	12 48	2 34	23 20	0 23	22 13	1 10	16 40	15 56	21 16	21 3	16 0	4 18	5 35	
S 10	19 56	8 3	5 1	22 50	1 20	25 20	1 53	0 36	0 49	6 17	1 9	12 47	2 33	23 20	0 23	22 13	1 10	16 40	15 56	21 18	21 4	15 58	4 17	5 36	
S 11	20 9	12 33	4 41	23 18	1 28	25 18	1 55	0 31	0 46	6 22	1 9	12 46	2 33	23 20	0 23	22 13	1 10	16 40	15 56	21 20	21 4	15 57	4 17	5 36	
M12	20 21	16 21	4 5	23 44	1 35	25 17	1 56	0 26	0 44	6 27	1 9	12 45	2 33	23 20	0 23	22 13	1 10	16 40	15 57	21 21	21 5	15 55	4 16	5 36	
T 13	20 33	19 15	3 17	24 7	1 42	25 14	1 57	0 21	0 42	6 31	1 9	12 44	2 33	23 21	0 23	22 13	1 10	16 40	15 57	21 22	21 6	15 54	4 15	5 36	
W14	20 44	21 7	2 20	24 27	1 47	25 11	1 59	0 15	0 40	6 36	1 9	12 43	2 33	23 21	0 23	22 13	1 10	16 40	15 58	21 23	21 6	15 53	4 15	5 37	
T 15	20 55	21 53	1 18	24 45	1 53	25 7	2 0	0 9	0 38	6 41	1 10	12 42	2 33	23 21	0 23	22 13	1 10	16 40	15 58	21 24	21 7	15 51	4 14	5 37	
F 16	21 6	21 34	0 12	25 0	1 57	25 3	2 1	0 3	0 35	6 45	1 10	12 40	2 33	23 21	0 23	22 13	1 10	16 40	15 58	21 24	21 7	15 49	4 13	5 37	
S 17	21 16	20 16	0n53	25 12	2 1	24 57	2 2	0s 3	0 33	6 50	1 10	12 39	2 33	23 21	0 23	22 13	1 10	16 40	15 59	21 24	21 8	15 48	4 13	5 38	
S 18	21 26	18 4	1 55	25 22	2 4	24 51	2 3	0 10	0 31	6 54	1 10	12 38	2 32	23 21	0 23	22 14	1 10	16 40	15 59	21 24	21 8	15 46	4 12	5 38	
M19	21 36	15 8	2 51	25 29	2 6	24 45	2 3	0 17	0 29	6 59	1 10	12 37	2 32	23 22	0 23	22 14	1 10	16 40	15 59	21 24	21 9	15 45	4 12	5 38	
T 20	21 45	11 35	3 41	25 34	2 7	24 37	2 4	0 24	0 27	7 3	1 10	12 36	2 32	23 22	0 23	22 14	1 10	16 40	16 0	21 23	21 10	15 43	4 11	5 38	
W21	21 54	7 33	4 21	25 37	2 8	24 29	2 5	0 31	0 25	7 7	1 10	12 35	2 32	23 22	0 23	22 14	1 10	16 40	16 0	21 24	21 10	15 42	4 11	5 39	
T 22	22 3	3 10	4 50	25 38	2 8	24 21	2 5	0 38	0 23	7 12	1 10	12 34	2 32	23 22	0 23	22 14	1 10	16 40	16 0	21 24	21 11	15 40	4 11	5 39	
F 23	22 11	1s26	5 7	25 36	2 7	24 12	2 6	0 46	0 21	7 16	1 11	12 33	2 32	23 22	0 23	22 14	1 10	16 40	16 1	21 25	21 11	15 39	4 10	5 39	
S 24	22 18	6 5	5 9	25 33	2 5	24 2	2 6	0 54	0 19	7 20	1 11	12 32	2 31	23 23	0 23	22 14	1 10	16 40	16 1	21 26	21 12	15 37	4 10	5 40	
S 25	22 26	10 35	4 55	25 27	2 3	23 51	2 6	1 1	0 18	7 24	1 11	12 32	2 31	23 23	0 23	22 14	1 10	16 41	16 1	21 27	21 13	15 36	4 9	5 40	
M26	22 33	14 43	4 25	25 20	2 0	23 40	2 6	1 10	0 16	7 28	1 11	12 31	2 31	23 23	0 23	22 14	1 10	16 41	16 2	21 28	21 13	15 34	4 9	5 40	
T 27	22 39	18 10	3 39	25 12	1 56	23 28	2 6	1 18	0 14	7 32	1 11	12 30	2 31	23 23	0 23	22 14	1 10	16 41	16 2	21 29	21 14	15 33	4 9	5 40	
W28	22 45	20 38	2 39	25 2	1 51	23 15	2 6	1 26	0 12	7 37	1 11	12 29	2 31	23 23	0 23	22 15	1 10	16 41	16 2	21 30	21 14	15 31	4 8	5 41	
T 29	22 51	21 51	1 28	24 50	1 46	23 2	2 6	1 35	0 10	7 41	1 11	12 28	2 30	23 24	0 23	22 15	1 10	16 41	16 3	21 30	21 15	15 30	4 8	5 41	
F 30	22 57	21 39	0 11	24 38	1 40	22 49	2 6	1 44	0 9	7 45	1 12	12 27	2 30	23 24	0 23	22 15	1 10	16 41	16 3	21 30	21 15	15 28	4 8	5 41	
S 31	23n 2	20s 1	1s 7	24n24	1n33	22n35	2n 6	1s53	0n 7	7n48	1s12	12s27	2n30	23s24	0s23	22n15	1s10	16s42	16s 4	21n30	21n16	15n26	4s 7	5n42	

Julian Day Number = 2295351.5, Delta T = 134.08 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'20, Lahiri = 17°53'21 Julian Calendar 1 May 1572 == Greg. Calendar 11 May 1572

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1572
geocentric

JUNE 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 17 14	19♊50'19	19♒59	14♋19	29♋33	5♎18	23♈ 4	9°R52	11°R12	25♊18	24♓59	23♋10	24♋28	26♌ 0	5°R45	S 1
M 2	17 21 10	20°47'34	4♓19	15°29	0♌42	5°38	23°15	9♏49	11♑10	25°20	24°59	23°11	24°25	26° 7	5♓45	M 2
T 3	17 25 7	21°44'48	18°31	16°37	1°50	5°58	23°26	9°46	11° 8	25°22	25° 0	23°R12	24°22	26°14	5°45	T 3
W 4	17 29 4	22°42'03	2♈34	17°41	2°59	6°18	23°36	9°43	11° 6	25°24	25° 0	23°12	24°19	26°20	5°44	W 4
T 5	17 33 0	23°39'17	16°27	18°42	4° 7	6°39	23°47	9°41	11° 3	25°27	25° 0	23°10	24°16	26°27	5°44	T 5
F 6	17 36 57	24°36'31	0♉ 8	19°39	5°15	7° 0	23°57	9°38	11° 1	25°29	25° 0	23° 7	24°12	26°34	5°44	F 6
S 7	17 40 53	25°33'45	13°37	20°33	6°24	7°22	24° 7	9°36	10°59	25°31	25° 1	23° 4	24° 9	26°40	5°43	S 7
S 8	17 44 50	26°30'59	26°52	21°24	7°32	7°44	24°17	9°33	10°57	25°33	25° 1	23° 0	24° 6	26°47	5°43	S 8
M 9	17 48 46	27°28'12	9♊53	22°11	8°40	8° 7	24°28	9°31	10°54	25°36	25° 1	22°56	24° 3	26°54	5°42	M 9
T 10	17 52 43	28°25'26	22°40	22°55	9°47	8°30	24°37	9°29	10°52	25°38	25° 1	22°52	24° 0	27° 0	5°42	T 10
W11	17 56 39	29°22'39	5♋12	23°34	10°55	8°53	24°47	9°27	10°50	25°40	25° 1	22°50	23°56	27° 7	5°41	W11
T 12	18 0 36	0♋19'52	17°32	24°10	12° 2	9°17	24°57	9°25	10°47	25°42	25° 1	22°D49	23°53	27°14	5°40	T 12
F 13	18 4 33	1°17'05	29°39	24°41	13°10	9°41	25° 7	9°23	10°45	25°44	25° 1	22°49	23°50	27°20	5°39	F 13
S 14	18 8 29	2°14'17	11♌37	25° 9	14°17	10° 5	25°16	9°21	10°42	25°47	25° 1	22°50	23°47	27°27	5°39	S 14
S 15	18 12 26	3°11'29	23°29	25°32	15°24	10°30	25°25	9°19	10°40	25°49	25°R 1	22°52	23°44	27°34	5°38	S 15
M16	18 16 22	4° 8'41	5♍18	25°50	16°31	10°55	25°35	9°18	10°38	25°51	25° 1	22°53	23°41	27°40	5°37	M16
T 17	18 20 19	5° 5'53	17° 9	26° 4	17°38	11°21	25°44	9°16	10°35	25°53	25° 1	22°54	23°37	27°47	5°36	T 17
W18	18 24 15	6° 3'04	29° 6	26°14	18°45	11°46	25°53	9°14	10°33	25°56	25° 1	22°55	23°34	27°54	5°35	W18
T 19	18 28 12	7° 0'15	11♎13	26°19	19°51	12°12	26° 2	9°13	10°30	25°58	25° 1	22°R55	23°31	28° 0	5°34	T 19
F 20	18 32 8	7°57'26	23°36	26°R19	20°57	12°39	26°10	9°12	10°28	26° 0	25° 1	22°55	23°28	28° 7	5°32	F 20
S 21	18 36 5	8°54'36	6♏18	26°14	22° 3	13° 6	26°19	9°11	10°26	26° 2	25° 1	22°54	23°25	28°14	5°31	S 21
S 22	18 40 2	9°51'47	19°23	26° 5	23° 9	13°33	26°27	9° 9	10°23	26° 4	25° 1	22°52	23°21	28°20	5°30	S 22
M23	18 43 58	10°48'57	2♐52	25°51	24°15	14° 0	26°36	9° 8	10°21	26° 7	25° 1	22°50	23°18	28°27	5°29	M23
T 24	18 47 55	11°46'08	16°45	25°33	25°21	14°28	26°44	9° 8	10°18	26° 9	25° 0	22°49	23°15	28°34	5°27	T 24
W25	18 51 51	12°43'18	1♑ 1	25°10	26°26	14°56	26°52	9° 7	10°16	26°11	25° 0	22°48	23°12	28°40	5°26	W25
T 26	18 55 48	13°40'29	15°36	24°44	27°31	15°24	27° 0	9° 6	10°14	26°13	25° 0	22°D48	23° 9	28°47	5°24	T 26
F 27	18 59 44	14°37'40	0♒22	24°14	28°36	15°53	27° 8	9° 5	10°11	26°15	25° 0	22°48	23° 6	28°54	5°23	F 27
S 28	19 3 41	15°34'52	15°13	23°41	29°41	16°22	27°15	9° 5	10° 9	26°17	24°59	22°48	23° 2	29° 0	5°21	S 28
S 29	19 7 37	16°32'04	0♓ 1	23° 5	0♍46	16°51	27°23	9° 4	10° 6	26°19	24°59	22°48	22°59	29° 7	5°20	S 29
M30	19 11 34	17♋29'16	14♓41	22♋27	1♍50	17♎20	27♈30	9♏ 4	10♑ 4	26♊22	24♓59	22♋49	22♋56	29♌14	5♓18	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	17s 5	2s21	24n 9	1n26	22n20	2n 5	2s 2	0n 5	7n52	1s12	12s26	2n30	23s24	0s23	22n15	1s10	16s42	16s 4	21n30	21n16	15n25	4s 7	5n42
M 2	23 10	13 9	3 26	23 53	1 18	22 4	2 5	2 11	0 3	7 56	1 12	12 25	2 30	23 24	0 23	22 15	1 10	16 42	16 4	21 30	21 17	15 23	4 7	5 42
T 3	23 14	8 30	4 18	23 36	1 9	21 48	2 4	2 21	0 2	8 0	1 12	12 25	2 29	23 25	0 23	22 15	1 10	16 42	16 5	21 30	21 18	15 22	4 7	5 42
W 4	23 18	3 27	4 53	23 19	1 0	21 32	2 3	2 30	0 0	8 4	1 12	12 24	2 29	23 25	0 23	22 15	1 10	16 42	16 5	21 30	21 18	15 20	4 7	5 43
T 5	23 20	1n42	5 11	23 1	0 50	21 15	2 2	2 40	0s 1	8 8	1 13	12 23	2 29	23 25	0 23	22 15	1 10	16 43	16 5	21 30	21 19	15 18	4 7	5 43
F 6	23 23	6 42	5 11	22 42	0 40	20 57	2 1	2 50	0 3	8 11	1 13	12 23	2 29	23 25	0 23	22 15	1 10	16 43	16 6	21 30	21 19	15 17	4 6	5 43
S 7	23 25	11 18	4 53	22 23	0 29	20 39	2 0	3 0	0 5	8 15	1 13	12 22	2 29	23 25	0 23	22 15	1 10	16 43	16 6	21 31	21 20	15 15	4 6	5 44
S 8	23 27	15 17	4 20	22 4	0 17	20 21	1 59	3 10	0 6	8 18	1 13	12 22	2 28	23 26	0 23	22 16	1 10	16 43	16 7	21 32	21 20	15 14	4 6	5 44
M 9	23 28	18 27	3 34	21 44	0 5	20 2	1 58	3 21	0 8	8 22	1 13	12 21	2 28	23 26	0 23	22 16	1 10	16 44	16 7	21 32	21 21	15 12	4 6	5 44
T 10	23 29	20 39	2 38	21 25	0s 8	19 42	1 56	3 31	0 9	8 25	1 13	12 21	2 28	23 26	0 23	22 16	1 10	16 44	16 7	21 33	21 22	15 10	4 6	5 44
W11	23 30	21 48	1 36	21 5	0 21	19 22	1 55	3 42	0 11	8 29	1 14	12 20	2 28	23 26	0 23	22 16	1 10	16 44	16 8	21 33	21 22	15 9	4 6	5 45
T 12	23 30	21 52	0 29	20 45	0 35	19 2	1 53	3 52	0 12	8 32	1 14	12 20	2 27	23 26	0 23	22 16	1 10	16 45	16 8	21 33	21 23	15 7	4 6	5 45
F 13	23 29	20 53	0n38	20 26	0 49	18 41	1 51	4 3	0 14	8 36	1 14	12 19	2 27	23 27	0 23	22 16	1 10	16 45	16 8	21 33	21 23	15 6	4 6	5 45
S 14	23 28	18 58	1 42	20 7	1 3	18 20	1 50	4 14	0 15	8 39	1 14	12 19	2 27	23 27	0 23	22 16	1 10	16 45	16 9	21 33	21 24	15 4	4 6	5 45
S 15	23 27	16 15	2 41	19 48	1 18	17 58	1 48	4 25	0 16	8 42	1 14	12 19	2 27	23 27	0 23	22 16	1 10	16 46	16 9	21 33	21 24	15 2	4 6	5 46
M16	23 26	12 54	3 34	19 30	1 33	17 36	1 46	4 36	0 18	8 45	1 14	12 19	2 26	23 27	0 23	22 16	1 10	16 46	16 10	21 33	21 25	15 1	4 6	5 46
T 17	23 24	9 2	4 17	19 12	1 49	17 13	1 43	4 47	0 19	8 48	1 15	12 18	2 26	23 27	0 23	22 16	1 10	16 46	16 10	21 33	21 25	14 59	4 7	5 46
W18	23 21	4 47	4 50	18 55	2 4	16 51	1 41	4 59	0 20	8 52	1 15	12 18	2 26	23 28	0 23	22 16	1 10	16 47	16 10	21 32	21 26	14 57	4 7	5 46
T 19	23 18	0 18	5 10	18 39	2 19	16 27	1 39	5 10	0 22	8 55	1 15	12 18	2 26	23 28	0 23	22 16	1 10	16 47	16 11	21 32	21 26	14 56	4 7	5 47
F 20	23 15	4s17	5 16	18 24	2 35	16 4	1 36	5 22	0 23	8 58	1 15	12 18	2 25	23 28	0 23	22 16	1 10	16 47	16 11	21 33	21 27	14 54	4 7	5 47
S 21	23 12	8 48	5 8	18 10	2 50	15 40	1 33	5 33	0 24	9 0	1 15	12 17	2 25	23 28	0 23	22 16	1 10	16 48	16 11	21 33	21 28	14 53	4 7	5 47
S 22	23 8	13 4	4 43	17 57	3 5	15 15	1 31	5 45	0 26	9 3	1 16	12 17	2 25	23 28	0 23	22 17	1 10	16 48	16 12	21 33	21 28	14 51	4 8	5 47
M23	23 3	16 49	4 3	17 45	3 20	14 51	1 28	5 57	0 27	9 6	1 16	12 17	2 25	23 29	0 23	22 17	1 10	16 49	16 12	21 33	21 29	14 49	4 8	5 48
T 24	22 58	19 44	3 7	17 35	3 34	14 26	1 25	6 9	0 28	9 9	1 16	12 17	2 24	23 29	0 23	22 17	1 10	16 49	16 13	21 34	21 29	14 48	4 8	5 48
W25	22 53	21 32	1 58	17 26	3 47	14 1	1 22	6 21	0 29	9 12	1 16	12 17	2 24	23 29	0 23	22 17	1 10	16 49	16 13	21 34	21 30	14 46	4 8	5 48
T 26	22 47	21 55	0 40	17 18	3 59	13 35	1 18	6 33	0 30	9 14	1 16	12 17	2 24	23 29	0 23	22 17	1 10	16 50	16 13	21 34	21 30	14 44	4 9	5 48
F 27	22 41	20 48	0s42	17 12	4 11	13 10	1 15	6 45	0 32	9 17	1 17	12 17	2 24	23 29	0 23	22 17	1 10	16 50	16 14	21 34	21 31	14 42	4 9	5 49
S 28	22 35	18 14	2 1	17 7	4 22	12 44	1 12	6 57	0 33	9 20	1 17	12 17	2 23	23 30	0 23	22 17	1 10	16 51	16 14	21 34	21 31	14 41	4 9	5 49
S 29	22 28	14 29	3 12	17 4	4 31	12 17	1 8	7 9	0 34	9 22	1 17	12 17	2 23	23 30	0 23	22 17	1 10	16 51	16 14	21 34	21 32	14 39	4 10	5 49
M30	22n21	9s53	4s10	17n 2	4s39	11n51	1n 4	7s22	0s35	9n24	1s17	12s18	2n23	23s30	0s23	22n17	1s10	16s52	16s15	21n34	21n32	14n37	4s10	5n49

Julian Day Number = 2295382.5, Delta T = 133.92 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'25, Lahiri = 17°53'25 Julian Calendar 1 June 1572 == Greg. Calendar 11 June 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

JULY 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 15 31	18♋26'29	29♓ 6	21°R47	2♍54	17♎50	27♈37	9°R 4	10°R 2	26♊24	24°R59	22♋49	22♋53	29♌20	5°R16	T 1
W 2	19 19 27	19°23'43	13♈15	21♋ 6	3°58	18°20	27°45	9♏ 4	9♑59	26°26	24♓58	22°50	22°50	29°27	5♓14	W 2
T 3	19 23 24	20°20'57	27° 4	20°26	5° 2	18°50	27°51	9°D 3	9°57	26°28	24°58	22°R50	22°47	29°34	5°13	T 3
F 4	19 27 20	21°18'13	10♉35	19°45	6° 5	19°20	27°58	9° 3	9°54	26°30	24°57	22°49	22°43	29°40	5°11	F 4
S 5	19 31 17	22°15'29	23°47	19° 6	7° 8	19°51	28° 5	9° 4	9°52	26°32	24°57	22°49	22°40	29°47	5° 9	S 5
S 6	19 35 13	23°12'46	6♊43	18°29	8°11	20°22	28°11	9° 4	9°50	26°34	24°57	22°D49	22°37	29°54	5° 7	S 6
M 7	19 39 10	24°10'04	19°23	17°55	9°14	20°53	28°17	9° 4	9°47	26°36	24°56	22°49	22°34	0♍ 0	5° 5	M 7
T 8	19 43 6	25° 7'22	1♋51	17°24	10°17	21°25	28°24	9° 5	9°45	26°38	24°56	22°50	22°31	0° 7	5° 3	T 8
W 9	19 47 3	26° 4'42	14° 7	16°56	11°19	21°56	28°30	9° 5	9°43	26°40	24°55	22°50	22°27	0°14	5° 1	W 9
T 10	19 51 0	27° 2'02	26°13	16°33	12°21	22°28	28°35	9° 6	9°40	26°42	24°55	22°R50	22°24	0°21	4°59	T 10
F 11	19 54 56	27°59'23	8♌12	16°15	13°22	23° 0	28°41	9° 6	9°38	26°44	24°54	22°50	22°21	0°27	4°56	F 11
S 12	19 58 53	28°56'44	20° 5	16° 2	14°24	23°33	28°46	9° 7	9°36	26°46	24°53	22°49	22°18	0°34	4°54	S 12
S 13	20 2 49	29°54'06	1♍55	15°55	15°25	24° 5	28°52	9° 8	9°34	26°48	24°53	22°48	22°15	0°41	4°52	S 13
M14	20 6 46	0♌51'29	13°44	15°D54	16°26	24°38	28°57	9° 9	9°32	26°50	24°52	22°47	22°12	0°47	4°50	M14
T 15	20 10 42	1°48'53	25°35	15°58	17°26	25°11	29° 2	9°10	9°29	26°52	24°52	22°46	22° 8	0°54	4°47	T 15
W16	20 14 39	2°46'17	7♎31	16° 9	18°26	25°44	29° 7	9°11	9°27	26°54	24°51	22°45	22° 5	1° 1	4°45	W16
T 17	20 18 35	3°43'42	19°38	16°27	19°26	26°18	29°11	9°13	9°25	26°56	24°50	22°44	22° 2	1° 7	4°43	T 17
F 18	20 22 32	4°41'07	1♏58	16°51	20°25	26°51	29°16	9°14	9°23	26°57	24°50	22°D44	21°59	1°14	4°40	F 18
S 19	20 26 29	5°38'33	14°37	17°21	21°24	27°25	29°20	9°16	9°21	26°59	24°49	22°44	21°56	1°21	4°38	S 19
S 20	20 30 25	6°36'00	27°37	17°57	22°23	27°59	29°24	9°17	9°19	27° 1	24°48	22°45	21°53	1°27	4°35	S 20
M21	20 34 22	7°33'28	11♐ 2	18°41	23°21	28°33	29°28	9°19	9°17	27° 3	24°47	22°46	21°49	1°34	4°33	M21
T 22	20 38 18	8°30'56	24°54	19°30	24°19	29° 8	29°32	9°21	9°15	27° 5	24°47	22°47	21°46	1°41	4°30	T 22
W23	20 42 15	9°28'26	9♑12	20°26	25°16	29°42	29°35	9°23	9°13	27° 6	24°46	22°48	21°43	1°47	4°28	W23
T 24	20 46 11	10°25'56	23°53	21°27	26°13	0♏17	29°38	9°25	9°11	27° 8	24°45	22°R48	21°40	1°54	4°25	T 24
F 25	20 50 8	11°23'27	8♒52	22°35	27°10	0°52	29°42	9°27	9° 9	27°10	24°44	22°48	21°37	2° 1	4°22	F 25
S 26	20 54 5	12°21'00	24° 1	23°48	28° 6	1°27	29°45	9°29	9° 7	27°12	24°44	22°46	21°33	2° 7	4°20	S 26
S 27	20 58 1	13°18'33	9♓10	25° 7	29° 1	2° 3	29°47	9°31	9° 5	27°13	24°43	22°44	21°30	2°14	4°17	S 27
M28	21 1 58	14°16'08	24°10	26°31	29°57	2°38	29°50	9°33	9° 3	27°15	24°42	22°41	21°27	2°21	4°14	M28
T 29	21 5 54	15°13'45	8♈53	28° 1	0♎51	3°14	29°52	9°36	9° 1	27°17	24°41	22°39	21°24	2°27	4°12	T 29
W30	21 9 51	16°11'22	23°14	29°34	1°45	3°50	29°55	9°38	9° 0	27°18	24°40	22°36	21°21	2°34	4° 9	W30
T 31	21 13 47	17♌ 9'02	7♉ 9	1♌12	2♎39	4♏26	29♈57	9♏41	8♑58	27♊20	24♓39	22♋35	21♋18	2♍41	4♓ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n13	4s48	4s51	17n 2	4s45	11n24	1n 0	7s34	0s36	9n27	1s17	12s18	2n23	23s30	0s23	22n17	1s10	16s52	16s15	21n33	21n33	14n36	4s11	5n49
W 2	22 5	0n26	5 13	17 3	4 50	10 57	0 57	7 47	0 37	9 29	1 18	12 18	2 22	23 30	0 23	22 17	1 10	16 53	16 15	21 33	21 33	14 34	4 11	5 50
T 3	21 57	5 32	5 17	17 6	4 53	10 30	0 52	7 59	0 38	9 31	1 18	12 18	2 22	23 31	0 23	22 17	1 10	16 53	16 16	21 33	21 34	14 32	4 12	5 50
F 4	21 48	10 14	5 2	17 11	4 55	10 3	0 48	8 12	0 39	9 34	1 18	12 18	2 22	23 31	0 23	22 17	1 10	16 53	16 16	21 33	21 34	14 31	4 12	5 50
S 5	21 39	14 22	4 32	17 16	4 54	9 35	0 44	8 24	0 41	9 36	1 18	12 19	2 22	23 31	0 23	22 17	1 10	16 54	16 16	21 33	21 35	14 29	4 13	5 50
S 6	21 30	17 43	3 49	17 23	4 52	9 8	0 40	8 37	0 42	9 38	1 19	12 19	2 21	23 31	0 23	22 17	1 10	16 54	16 17	21 33	21 36	14 27	4 13	5 50
M 7	21 20	20 9	2 55	17 31	4 49	8 40	0 35	8 50	0 43	9 40	1 19	12 19	2 21	23 31	0 23	22 17	1 10	16 55	16 17	21 33	21 36	14 25	4 14	5 51
T 8	21 9	21 35	1 54	17 40	4 43	8 12	0 30	9 2	0 44	9 42	1 19	12 20	2 21	23 31	0 23	22 17	1 10	16 55	16 17	21 33	21 37	14 24	4 14	5 51
W 9	20 59	21 57	0 48	17 51	4 37	7 44	0 26	9 15	0 45	9 44	1 19	12 20	2 20	23 32	0 23	22 17	1 10	16 56	16 18	21 33	21 37	14 22	4 15	5 51
T 10	20 48	21 16	0n19	18 2	4 28	7 16	0 21	9 28	0 46	9 46	1 19	12 21	2 20	23 32	0 23	22 17	1 10	16 56	16 18	21 33	21 38	14 20	4 15	5 51
F 11	20 37	19 37	1 24	18 13	4 19	6 47	0 16	9 41	0 47	9 47	1 20	12 21	2 20	23 32	0 23	22 18	1 10	16 57	16 18	21 33	21 38	14 19	4 16	5 51
S 12	20 25	17 7	2 26	18 25	4 8	6 19	0 11	9 54	0 48	9 49	1 20	12 22	2 20	23 32	0 23	22 18	1 10	16 57	16 19	21 33	21 39	14 17	4 17	5 51
S 13	20 13	13 56	3 20	18 38	3 56	5 51	0 5	10 7	0 48	9 51	1 20	12 22	2 19	23 32	0 23	22 18	1 10	16 58	16 19	21 34	21 39	14 15	4 17	5 52
M14	20 1	10 12	4 6	18 51	3 43	5 22	0s 0	10 20	0 49	9 52	1 20	12 23	2 19	23 32	0 23	22 18	1 10	16 59	16 19	21 34	21 40	14 13	4 18	5 52
T 15	19 48	6 4	4 42	19 4	3 30	4 53	0 5	10 33	0 50	9 54	1 21	12 23	2 19	23 33	0 23	22 18	1 10	16 59	16 20	21 34	21 40	14 12	4 19	5 52
W16	19 35	1 41	5 6	19 17	3 15	4 25	0 11	10 46	0 51	9 55	1 21	12 24	2 19	23 33	0 23	22 18	1 10	17 0	16 20	21 34	21 41	14 10	4 19	5 52
T 17	19 22	2s49	5 16	19 30	3 0	3 56	0 17	10 59	0 52	9 57	1 21	12 25	2 18	23 33	0 23	22 18	1 10	17 0	16 20	21 34	21 41	14 8	4 20	5 52
F 18	19 8	7 17	5 13	19 42	2 45	3 27	0 23	11 12	0 53	9 58	1 21	12 25	2 18	23 33	0 23	22 18	1 10	17 1	16 21	21 34	21 42	14 6	4 21	5 52
S 19	18 54	11 34	4 54	19 54	2 29	2 59	0 29	11 25	0 54	9 59	1 21	12 26	2 18	23 33	0 23	22 18	1 10	17 1	16 21	21 34	21 42	14 5	4 22	5 52
S 20	18 40	15 27	4 20	20 5	2 13	2 30	0 35	11 38	0 55	10 1	1 22	12 27	2 18	23 33	0 23	22 18	1 10	17 2	16 21	21 34	21 43	14 3	4 23	5 53
M21	18 25	18 40	3 31	20 15	1 57	2 1	0 41	11 51	0 56	10 2	1 22	12 28	2 17	23 33	0 23	22 18	1 10	17 2	16 21	21 34	21 43	14 1	4 23	5 53
T 22	18 11	20 55	2 28	20 24	1 41	1 33	0 47	12 4	0 56	10 3	1 22	12 28	2 17	23 34	0 23	22 18	1 10	17 3	16 22	21 34	21 44	13 59	4 24	5 53
W23	17 55	21 56	1 15	20 32	1 25	1 4	0 53	12 17	0 57	10 4	1 22	12 29	2 17	23 34	0 23	22 18	1 10	17 3	16 22	21 34	21 44	13 57	4 25	5 53
T 24	17 40	21 29	0s 6	20 38	1 10	0 35	1 0	12 30	0 58	10 5	1 23	12 30	2 16	23 34	0 23	22 18	1 10	17 4	16 22	21 34	21 45	13 56	4 26	5 53
F 25	17 24	19 29	1 28	20 42	0 54	0 7	1 6	12 43	0 59	10 6	1 23	12 31	2 16	23 34	0 23	22 18	1 10	17 5	16 23	21 34	21 45	13 54	4 27	5 53
S 26	17 8	16 7	2 44	20 45	0 39	0s22	1 13	12 56	1 0	10 7	1 23	12 32	2 16	23 34	0 23	22 18	1 10	17 5	16 23	21 34	21 46	13 52	4 28	5 53
S 27	16 52	11 41	3 49	20 45	0 24	0 50	1 20	13 9	1 0	10 7	1 23	12 33	2 16	23 34	0 23	22 18	1 10	17 6	16 23	21 34	21 46	13 50	4 28	5 53
M28	16 35	6 33	4 37	20 44	0 10	1 18	1 27	13 22	1 1	10 8	1 24	12 34	2 15	23 34	0 23	22 18	1 10	17 6	16 23	21 35	21 47	13 49	4 29	5 53
T 29	16 18	1 9	5 6	20 39	0n 3	1 46	1 34	13 35	1 2	10 9	1 24	12 35	2 15	23 35	0 23	22 18	1 10	17 7	16 24	21 35	21 47	13 47	4 30	5 53
W30	16 1	4n10	5 15	20 33	0 16	2 14	1 41	13 48	1 3	10 9	1 24	12 36	2 15	23 35	0 23	22 18	1 10	17 7	16 24	21 36	21 48	13 45	4 31	5 53
T 31	15n44	9n 7	5s 5	20n23	0n28	2s42	1s48	14s 1	1s 3	10n10	1s24	12s37	2n15	23s35	0s23	22n18	1s10	17s 8	16s24	21n36	21n48	13n43	4s32	5n53

Julian Day Number = 2295412.5, Delta T = 133.76 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'29, Lahiri = 17°53'29 Julian Calendar 1 July 1572 == Greg. Calendar 11 July 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

AUGUST 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 17 44	18♌ 6'43	20♉38	2♌54	3♎31	5♏ 2	29♈58	9♏44	8°R56	27♊21	24°R38	22°D35	21♋14	2♍47	4°R 3	F 1
S 2	21 21 40	19° 4'26	3♊44	4°40	4°24	5°38	0♉ 0	9°46	8♑55	27°23	24♓37	22♋35	21°11	2°54	4♓ 0	S 2
S 3	21 25 37	20° 2'10	16°29	6°29	5°16	6°15	0° 1	9°49	8°53	27°24	24°36	22°37	21° 8	3° 1	3°58	S 3
M 4	21 29 33	20°59'56	28°56	8°20	6° 7	6°52	0° 3	9°52	8°51	27°26	24°35	22°38	21° 5	3° 7	3°55	M 4
T 5	21 33 30	21°57'44	11♋10	10°14	6°57	7°29	0° 4	9°55	8°50	27°27	24°34	22°40	21° 2	3°14	3°52	T 5
W 6	21 37 27	22°55'34	23°14	12° 9	7°47	8° 6	0° 5	9°58	8°48	27°29	24°34	22°R40	20°59	3°21	3°49	W 6
T 7	21 41 23	23°53'25	5♌10	14° 6	8°36	8°43	0° 5	10° 1	8°47	27°30	24°33	22°39	20°55	3°28	3°46	T 7
F 8	21 45 20	24°51'17	17° 2	16° 4	9°24	9°20	0° 6	10° 5	8°45	27°32	24°32	22°37	20°52	3°34	3°43	F 8
S 9	21 49 16	25°49'11	28°51	18° 3	10°12	9°58	0° 6	10° 8	8°44	27°33	24°30	22°33	20°49	3°41	3°40	S 9
S 10	21 53 13	26°47'07	10♍41	20° 2	10°59	10°35	0°R 6	10°12	8°43	27°34	24°29	22°28	20°46	3°48	3°37	S 10
M11	21 57 9	27°45'03	22°31	22° 1	11°45	11°13	0° 6	10°15	8°41	27°36	24°28	22°22	20°43	3°54	3°34	M11
T 12	22 1 6	28°43'02	4♎26	24° 0	12°30	11°51	0° 5	10°19	8°40	27°37	24°27	22°15	20°39	4° 1	3°31	T 12
W13	22 5 2	29°41'02	16°26	25°59	13°14	12°29	0° 5	10°23	8°39	27°38	24°26	22° 9	20°36	4° 8	3°28	W13
T 14	22 8 59	0♍39'03	28°35	27°57	13°58	13° 7	0° 4	10°26	8°38	27°40	24°25	22° 4	20°33	4°14	3°26	T 14
F 15	22 12 56	1°37'06	10♏55	29°55	14°40	13°46	0° 3	10°30	8°36	27°41	24°24	22° 0	20°30	4°21	3°23	F 15
S 16	22 16 52	2°35'10	23°31	1♍52	15°21	14°24	0° 2	10°34	8°35	27°42	24°23	21°58	20°27	4°28	3°20	S 16
S 17	22 20 49	3°33'16	6♐26	3°48	16° 2	15° 3	0° 1	10°38	8°34	27°43	24°22	21°D57	20°24	4°34	3°17	S 17
M18	22 24 45	4°31'23	19°43	5°43	16°41	15°42	29♈59	10°42	8°33	27°44	24°21	21°58	20°20	4°41	3°14	M18
T 19	22 28 42	5°29'31	3♑26	7°37	17°19	16°21	29°57	10°46	8°32	27°45	24°20	21°59	20°17	4°48	3°11	T 19
W20	22 32 38	6°27'41	17°35	9°30	17°56	17° 0	29°55	10°51	8°31	27°46	24°19	22°R 0	20°14	4°54	3° 8	W20
T 21	22 36 35	7°25'53	2♒10	11°22	18°32	17°39	29°53	10°55	8°30	27°47	24°17	22° 0	20°11	5° 1	3° 5	T 21
F 22	22 40 31	8°24'06	17° 6	13°12	19° 6	18°19	29°51	10°59	8°30	27°48	24°16	21°58	20° 8	5° 8	3° 2	F 22
S 23	22 44 28	9°22'20	2♓18	15° 2	19°40	18°58	29°48	11° 4	8°29	27°49	24°15	21°54	20° 5	5°14	2°59	S 23
S 24	22 48 25	10°20'37	17°36	16°50	20°11	19°38	29°46	11° 8	8°28	27°50	24°14	21°47	20° 1	5°21	2°56	S 24
M25	22 52 21	11°18'55	2♈48	18°38	20°42	20°17	29°43	11°13	8°27	27°51	24°13	21°40	19°58	5°28	2°53	M25
T 26	22 56 18	12°17'15	17°45	20°24	21°11	20°57	29°40	11°18	8°27	27°52	24°12	21°33	19°55	5°34	2°50	T 26
W27	23 0 14	13°15'37	2♉18	22° 9	21°38	21°37	29°36	11°23	8°26	27°53	24°10	21°26	19°52	5°41	2°47	W27
T 28	23 4 11	14°14'02	16°22	23°53	22° 4	22°17	29°33	11°27	8°26	27°54	24° 9	21°21	19°49	5°48	2°45	T 28
F 29	23 8 7	15°12'28	29°58	25°35	22°28	22°58	29°29	11°32	8°25	27°54	24° 8	21°18	19°45	5°55	2°42	F 29
S 30	23 12 4	16°10'57	13♊ 5	27°17	22°50	23°38	29°25	11°37	8°25	27°55	24° 7	21°D16	19°42	6° 1	2°39	S 30
S 31	23 16 0	17♍ 9'28	25♊47	28♍58	23♎11	24♏19	29♈21	11♏42	8♑24	27♊56	24♓ 6	21♋17	19♋39	6♍ 8	2♓36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n26	13n29	4s38	20n11	0n39	3s10	1s55	14s14	1s 4	10n10	1s25	12s38	2n14	23s35	0s23	22n18	1s10	17s 9	16s24	21n36	21n49	13n41	4s33	5n54	F 1
S 2	15 8	17 4	3 57	19 57	0 50	3 38	2 3	14 27	1 5	10 10	1 25	12 39	2 14	23 35	0 23	22 18	1 10	17 9	16 25	21 36	21 49	13 39	4 34	5 54	S 2
S 3	14 50	19 43	3 6	19 39	0 59	4 5	2 10	14 40	1 5	10 11	1 25	12 40	2 14	23 35	0 23	22 18	1 10	17 10	16 25	21 36	21 50	13 38	4 35	5 54	S 3
M 4	14 32	21 23	2 7	19 19	1 8	4 33	2 18	14 53	1 6	10 11	1 25	12 41	2 14	23 35	0 23	22 18	1 10	17 10	16 25	21 35	21 50	13 36	4 36	5 54	M 4
T 5	14 13	21 59	1 3	18 56	1 16	5 0	2 26	15 5	1 7	10 11	1 26	12 43	2 13	23 35	0 23	22 18	1 10	17 11	16 25	21 35	21 51	13 34	4 37	5 54	T 5
W 6	13 54	21 32	0n 3	18 31	1 23	5 27	2 33	15 18	1 7	10 11	1 26	12 44	2 13	23 35	0 23	22 18	1 10	17 12	16 26	21 35	21 51	13 32	4 38	5 54	W 6
T 7	13 35	20 7	1 8	18 3	1 29	5 53	2 41	15 31	1 8	10 11	1 26	12 45	2 13	23 35	0 23	22 18	1 10	17 12	16 26	21 35	21 52	13 30	4 39	5 54	T 7
F 8	13 16	17 49	2 9	17 33	1 34	6 20	2 49	15 43	1 9	10 11	1 26	12 46	2 13	23 36	0 23	22 18	1 10	17 13	16 26	21 36	21 52	13 28	4 40	5 54	F 8
S 9	12 57	14 47	3 5	17 0	1 38	6 46	2 57	15 56	1 9	10 11	1 27	12 48	2 12	23 36	0 23	22 18	1 10	17 13	16 26	21 36	21 53	13 27	4 41	5 54	S 9
S 10	12 37	11 10	3 52	16 26	1 41	7 12	3 5	16 8	1 10	10 11	1 27	12 49	2 12	23 36	0 23	22 18	1 10	17 14	16 26	21 37	21 53	13 25	4 42	5 54	S 10
M11	12 17	7 6	4 30	15 50	1 44	7 37	3 14	16 21	1 10	10 10	1 27	12 50	2 12	23 36	0 23	22 18	1 10	17 14	16 26	21 38	21 54	13 23	4 43	5 54	M11
T 12	11 57	2 45	4 56	15 12	1 45	8 3	3 22	16 33	1 11	10 10	1 27	12 52	2 12	23 36	0 23	22 18	1 10	17 15	16 27	21 39	21 54	13 21	4 44	5 54	T 12
W13	11 37	1s43	5 9	14 33	1 46	8 28	3 30	16 45	1 12	10 10	1 27	12 53	2 12	23 36	0 23	22 18	1 10	17 16	16 27	21 40	21 55	13 19	4 45	5 54	W13
T 14	11 16	6 11	5 8	13 53	1 47	8 53	3 39	16 58	1 12	10 9	1 28	12 54	2 11	23 36	0 23	22 18	1 10	17 16	16 27	21 41	21 55	13 17	4 47	5 54	T 14
F 15	10 55	10 29	4 54	13 11	1 46	9 17	3 47	17 10	1 13	10 9	1 28	12 56	2 11	23 36	0 23	22 18	1 10	17 17	16 27	21 42	21 56	13 15	4 48	5 53	F 15
S 16	10 35	14 25	4 25	12 28	1 45	9 41	3 56	17 22	1 13	10 8	1 28	12 57	2 11	23 36	0 23	22 18	1 10	17 17	16 27	21 42	21 56	13 14	4 49	5 53	S 16
S 17	10 14	17 47	3 42	11 45	1 43	10 4	4 4	17 34	1 14	10 7	1 28	12 59	2 11	23 36	0 23	22 18	1 10	17 18	16 27	21 42	21 57	13 12	4 50	5 53	S 17
M18	9 52	20 20	2 46	11 0	1 41	10 28	4 13	17 46	1 14	10 7	1 29	13 0	2 10	23 36	0 23	22 18	1 10	17 19	16 28	21 42	21 57	13 10	4 51	5 53	M18
T 19	9 31	21 48	1 39	10 15	1 38	10 50	4 22	17 58	1 15	10 6	1 29	13 2	2 10	23 36	0 23	22 18	1 11	17 19	16 28	21 42	21 57	13 8	4 52	5 53	T 19
W20	9 10	21 56	0 24	9 30	1 35	11 13	4 30	18 9	1 15	10 5	1 29	13 3	2 10	23 36	0 23	22 18	1 11	17 20	16 28	21 41	21 58	13 6	4 53	5 53	W20
T 21	8 48	20 37	0s55	8 44	1 32	11 35	4 39	18 21	1 16	10 4	1 29	13 5	2 10	23 36	0 23	22 18	1 11	17 20	16 28	21 42	21 58	13 4	4 54	5 53	T 21
F 22	8 26	17 50	2 11	7 58	1 28	11 56	4 48	18 33	1 16	10 3	1 29	13 6	2 9	23 36	0 23	22 18	1 11	17 21	16 28	21 42	21 59	13 2	4 55	5 53	F 22
S 23	8 4	13 47	3 20	7 11	1 23	12 17	4 57	18 44	1 17	10 2	1 30	13 8	2 9	23 36	0 23	22 18	1 11	17 21	16 28	21 43	21 59	13 0	4 57	5 53	S 23
S 24	7 42	8 49	4 15	6 25	1 18	12 37	5 6	18 55	1 17	10 1	1 30	13 10	2 9	23 37	0 23	22 18	1 11	17 22	16 28	21 44	22 0	12 59	4 58	5 53	S 24
M25	7 20	3 20	4 51	5 38	1 13	12 57	5 14	19 7	1 18	9 59	1 30	13 11	2 9	23 37	0 23	22 18	1 11	17 22	16 28	21 45	22 0	12 57	4 59	5 53	M25
T 26	6 58	2n15	5 6	4 51	1 8	13 16	5 23	19 18	1 18	9 58	1 30	13 13	2 9	23 37	0 23	22 18	1 11	17 23	16 29	21 46	22 1	12 55	5 0	5 53	T 26
W27	6 36	7 34	5 2	4 4	1 2	13 35	5 32	19 29	1 19	9 57	1 30	13 15	2 8	23 37	0 23	22 18	1 11	17 24	16 29	21 47	22 1	12 53	5 1	5 52	W27
T 28	6 13	12 19	4 39	3 18	0 56	13 52	5 41	19 39	1 19	9 55	1 31	13 16	2 8	23 37	0 23	22 18	1 11	17 24	16 29	21 48	22 2	12 51	5 2	5 52	T 28
F 29	5 51	16 16	4 0	2 31	0 50	14 10	5 50	19 50	1 20	9 54	1 31	13 18	2 8	23 37	0 23	22 18	1 11	17 25	16 29	21 48	22 2	12 49	5 3	5 52	F 29
S 30	5 28	19 16	3 10	1 45	0 44	14 26	5 58	20 1	1 20	9 52	1 31	13 20	2 8	23 37	0 23	22 18	1 11	17 25	16 29	21 48	22 3	12 47	5 5	5 52	S 30
S 31	5n 5	21n13	2s13	0n59	0n37	14s42	6s 7	20s11	1s20	9n51	1s31	13s21	2n 8	23s37	0s23	22n18	1s11	17s26	16s29	21n48	22n 3	12n45	5s 6	5n52	S 31

Julian Day Number = 2295443.5, Delta T = 133.60 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'33, Lahiri = 17°53'34 Julian Calendar 1 Aug. 1572 == Greg. Calendar 11 Aug. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

SEPTEMBER 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 19 57	18♍ 8'01	8♋10	0♎37	23♎30	24♏59	29°R17	11♏47	8°R24	27♊57	24°R 5	21♋18	19♋36	6♍15	2°R33	M 1
T 2	23 23 54	19° 6'37	20°17	2°16	23°47	25°40	29♈12	11°53	8♉24	27°57	24♓ 3	21°R18	19°33	6°21	2♓30	T 2
W 3	23 27 50	20° 5'14	2♌14	3°53	24° 2	26°21	29° 8	11°58	8°23	27°58	24° 2	21°17	19°30	6°28	2°28	W 3
T 4	23 31 47	21° 3'54	14° 5	5°30	24°15	27° 2	29° 3	12° 3	8°23	27°58	24° 1	21°15	19°26	6°35	2°25	T 4
F 5	23 35 43	22° 2'36	25°54	7° 5	24°26	27°43	28°58	12° 8	8°23	27°59	24° 0	21° 9	19°23	6°41	2°22	F 5
S 6	23 39 40	23° 1'20	7♍43	8°40	24°35	28°24	28°53	12°14	8°23	28° 0	23°59	21° 2	19°20	6°48	2°19	S 6
S 7	23 43 36	24° 0'06	19°34	10°13	24°42	29° 5	28°48	12°19	8°23	28° 0	23°57	20°51	19°17	6°55	2°17	S 7
M 8	23 47 33	24°58'53	1♎30	11°46	24°47	29°47	28°42	12°25	8°D23	28° 1	23°56	20°40	19°14	7° 1	2°14	M 8
T 9	23 51 29	25°57'43	13°32	13°18	24°49	0♐28	28°37	12°30	8°23	28° 1	23°55	20°27	19°10	7° 8	2°11	T 9
W10	23 55 26	26°56'35	25°41	14°48	24°R49	1°10	28°31	12°36	8°23	28° 1	23°54	20°15	19° 7	7°15	2° 9	W10
T 11	23 59 22	27°55'29	7♏58	16°18	24°47	1°52	28°25	12°42	8°23	28° 2	23°53	20° 5	19° 4	7°21	2° 6	T 11
F 12	0 3 19	28°54'24	20°26	17°47	24°42	2°33	28°19	12°47	8°23	28° 2	23°51	19°56	19° 1	7°28	2° 4	F 12
S 13	0 7 16	29°53'22	3♐ 6	19°15	24°35	3°15	28°13	12°53	8°24	28° 2	23°50	19°51	18°58	7°35	2° 1	S 13
S 14	0 11 12	0♎52'21	16° 0	20°42	24°25	3°57	28° 6	12°59	8°24	28° 3	23°49	19°48	18°55	7°42	1°59	S 14
M15	0 15 9	1°51'22	29°13	22° 8	24°14	4°40	28° 0	13° 5	8°24	28° 3	23°48	19°D47	18°51	7°48	1°56	M15
T 16	0 19 5	2°50'25	12♑46	23°32	23°59	5°22	27°53	13°11	8°25	28° 3	23°47	19°R47	18°48	7°55	1°54	T 16
W17	0 23 2	3°49'30	26°42	24°56	23°43	6° 4	27°47	13°17	8°25	28° 3	23°45	19°47	18°45	8° 2	1°51	W17
T 18	0 26 58	4°48'36	11♒ 2	26°19	23°24	6°47	27°40	13°23	8°26	28° 3	23°44	19°46	18°42	8° 8	1°49	T 18
F 19	0 30 55	5°47'44	25°44	27°41	23° 2	7°29	27°33	13°29	8°26	28° 3	23°43	19°42	18°39	8°15	1°47	F 19
S 20	0 34 51	6°46'54	10♓43	29° 2	22°39	8°12	27°26	13°35	8°27	28° 3	23°42	19°35	18°36	8°22	1°45	S 20
S 21	0 38 48	7°46'06	25°52	0♏21	22°13	8°55	27°18	13°42	8°27	28°R 3	23°41	19°26	18°32	8°28	1°42	S 21
M22	0 42 45	8°45'20	11♈ 0	1°39	21°46	9°37	27°11	13°48	8°28	28° 3	23°40	19°15	18°29	8°35	1°40	M22
T 23	0 46 41	9°44'36	25°58	2°56	21°16	10°20	27° 4	13°54	8°29	28° 3	23°38	19° 4	18°26	8°42	1°38	T 23
W24	0 50 38	10°43'54	10♉35	4°12	20°45	11° 3	26°56	14° 0	8°30	28° 3	23°37	18°54	18°23	8°48	1°36	W24
T 25	0 54 34	11°43'14	24°46	5°26	20°13	11°46	26°49	14° 7	8°31	28° 3	23°36	18°45	18°20	8°55	1°34	T 25
F 26	0 58 31	12°42'37	8♊27	6°38	19°39	12°30	26°41	14°13	8°31	28° 3	23°35	18°39	18°16	9° 2	1°32	F 26
S 27	1 2 27	13°42'02	21°39	7°49	19° 5	13°13	26°33	14°20	8°32	28° 3	23°34	18°35	18°13	9° 8	1°30	S 27
S 28	1 6 24	14°41'29	4♋25	8°58	18°29	13°56	26°26	14°26	8°33	28° 3	23°33	18°34	18°10	9°15	1°28	S 28
M29	1 10 20	15°40'59	16°49	10° 5	17°53	14°40	26°18	14°33	8°35	28° 2	23°32	18°34	18° 7	9°22	1°26	M29
T 30	1 14 17	16♎40'31	28♋56	11♏10	17♎16	15♐23	26♈10	14♏39	8♉36	28♊ 2	23♓31	18♋34	18♋ 4	9♍29	1♓24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n42	22n 5	1s10	0n13	0n31	14s57	6s15	20s22	1s21	9n49	1s31	13s23	2n 7	23s37	0s23	22n18	1s11	17s26	16s29	21n48	22n 4	12n43	5s 7	5n52
T 2	4 19	21 52	0 5	0s32	0 24	15 11	6 23	20 32	1 21	9 47	1 32	13 25	2 7	23 37	0 23	22 18	1 11	17 27	16 29	21 48	22 4	12 41	5 8	5 52
W 3	3 56	20 39	0n58	1 18	0 17	15 24	6 32	20 42	1 21	9 46	1 32	13 27	2 7	23 37	0 23	22 18	1 11	17 27	16 29	21 48	22 4	12 39	5 9	5 51
T 4	3 33	18 32	1 59	2 2	0 10	15 36	6 40	20 52	1 22	9 44	1 32	13 28	2 7	23 37	0 23	22 18	1 11	17 28	16 29	21 49	22 5	12 37	5 10	5 51
F 5	3 10	15 38	2 54	2 47	0 3	15 48	6 48	21 2	1 22	9 42	1 32	13 30	2 7	23 37	0 23	22 18	1 11	17 28	16 29	21 50	22 5	12 35	5 11	5 51
S 6	2 47	12 7	3 41	3 31	0s 5	15 58	6 55	21 11	1 22	9 40	1 32	13 32	2 7	23 37	0 23	22 18	1 11	17 29	16 29	21 51	22 6	12 33	5 13	5 51
S 7	2 23	8 6	4 19	4 14	0 12	16 8	7 3	21 21	1 23	9 38	1 32	13 34	2 6	23 37	0 23	22 18	1 11	17 29	16 29	21 52	22 6	12 32	5 14	5 51
M 8	2 0	3 46	4 46	4 58	0 19	16 16	7 10	21 30	1 23	9 36	1 33	13 36	2 6	23 37	0 23	22 18	1 11	17 30	16 29	21 54	22 7	12 30	5 15	5 50
T 9	1 37	0s45	5 0	5 40	0 27	16 23	7 17	21 39	1 23	9 34	1 33	13 38	2 6	23 37	0 23	22 18	1 11	17 30	16 29	21 56	22 7	12 28	5 16	5 50
W10	1 13	5 17	5 1	6 22	0 34	16 29	7 23	21 48	1 24	9 31	1 33	13 39	2 6	23 37	0 23	22 18	1 11	17 31	16 29	21 58	22 8	12 26	5 17	5 50
T 11	0 50	9 39	4 48	7 4	0 42	16 34	7 29	21 57	1 24	9 29	1 33	13 41	2 6	23 37	0 23	22 18	1 11	17 31	16 29	21 59	22 8	12 24	5 18	5 50
F 12	0 26	13 42	4 21	7 45	0 49	16 38	7 35	22 6	1 24	9 27	1 33	13 43	2 5	23 37	0 23	22 18	1 11	17 32	16 29	22 1	22 9	12 22	5 19	5 50
S 13	0 3	17 12	3 41	8 25	0 57	16 40	7 41	22 14	1 25	9 25	1 33	13 45	2 5	23 37	0 23	22 18	1 11	17 32	16 29	22 1	22 9	12 20	5 20	5 49
S 14	0s21	19 57	2 49	9 5	1 4	16 41	7 45	22 23	1 25	9 22	1 33	13 47	2 5	23 37	0 23	22 17	1 11	17 33	16 29	22 2	22 9	12 18	5 21	5 49
M15	0 44	21 43	1 47	9 44	1 11	16 41	7 50	22 31	1 25	9 20	1 33	13 49	2 5	23 37	0 23	22 17	1 11	17 33	16 29	22 2	22 10	12 16	5 22	5 49
T 16	1 8	22 16	0 37	10 23	1 19	16 39	7 54	22 39	1 25	9 17	1 34	13 51	2 5	23 36	0 23	22 17	1 11	17 33	16 29	22 2	22 10	12 14	5 24	5 49
W17	1 31	21 28	0s37	11 0	1 26	16 36	7 57	22 46	1 26	9 15	1 34	13 53	2 5	23 36	0 23	22 17	1 11	17 34	16 29	22 2	22 11	12 12	5 25	5 48
T 18	1 55	19 16	1 50	11 37	1 33	16 31	7 59	22 54	1 26	9 12	1 34	13 55	2 5	23 36	0 23	22 17	1 11	17 34	16 29	22 2	22 11	12 10	5 26	5 48
F 19	2 18	15 46	2 58	12 14	1 40	16 24	8 1	23 1	1 26	9 10	1 34	13 57	2 4	23 36	0 23	22 17	1 11	17 35	16 29	22 3	22 12	12 8	5 27	5 48
S 20	2 42	11 11	3 55	12 49	1 47	16 17	8 3	23 8	1 26	9 7	1 34	13 59	2 4	23 36	0 23	22 17	1 12	17 35	16 29	22 4	22 12	12 6	5 28	5 48
S 21	3 5	5 52	4 36	13 24	1 54	16 7	8 3	23 15	1 26	9 5	1 34	14 1	2 4	23 36	0 23	22 17	1 12	17 36	16 29	22 5	22 12	12 4	5 29	5 47
M22	3 29	0 12	4 58	13 57	2 0	15 56	8 3	23 22	1 27	9 2	1 34	14 3	2 4	23 36	0 23	22 17	1 12	17 36	16 29	22 6	22 13	12 2	5 30	5 47
T 23	3 52	5n25	4 59	14 30	2 7	15 44	8 1	23 29	1 27	8 59	1 34	14 5	2 4	23 36	0 23	22 17	1 12	17 36	16 29	22 8	22 13	12 0	5 31	5 47
W24	4 15	10 36	4 40	15 2	2 13	15 30	7 59	23 35	1 27	8 56	1 34	14 7	2 4	23 36	0 23	22 17	1 12	17 37	16 28	22 10	22 14	11 58	5 32	5 46
T 25	4 39	15 3	4 4	15 33	2 19	15 15	7 56	23 41	1 27	8 54	1 34	14 9	2 4	23 36	0 23	22 17	1 12	17 37	16 28	22 11	22 14	11 56	5 33	5 46
F 26	5 2	18 33	3 15	16 3	2 25	14 59	7 52	23 47	1 27	8 51	1 34	14 11	2 3	23 36	0 23	22 17	1 12	17 37	16 28	22 12	22 15	11 54	5 34	5 46
S 27	5 25	20 57	2 17	16 31	2 31	14 41	7 48	23 53	1 27	8 48	1 34	14 13	2 3	23 36	0 23	22 17	1 12	17 38	16 28	22 12	22 15	11 52	5 35	5 46
S 28	5 48	22 11	1 14	16 59	2 36	14 22	7 42	23 58	1 27	8 45	1 34	14 15	2 3	23 36	0 23	22 17	1 12	17 38	16 28	22 12	22 15	11 50	5 36	5 45
M29	6 11	22 17	0 9	17 25	2 41	14 2	7 36	24 4	1 28	8 42	1 34	14 17	2 3	23 36	0 23	22 17	1 12	17 38	16 28	22 12	22 16	11 48	5 37	5 45
T 30	6s34	21n19	0n55	17s50	2s46	13s41	7s28	24s 9	1s28	8n40	1s34	14s19	2n 3	23s36	0s23	22n17	1s12	17s39	16s28	22n12	22n16	11n46	5s38	5n45

Julian Day Number = 2295474.5, Delta T = 133.44 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'37, Lahiri = 17°53'38 Julian Calendar 1 Sept. 1572 == Greg. Calendar 11 Sept. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

OCTOBER 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 18 14	17♎40'05	10♌52	12♏13	16°R40	16♐ 7	26°R 2	14♏46	8♑37	28°R 2	23°R30	18°R32	18♋ 1	9♍35	1°R22	W 1
T 2	1 22 10	18°39'41	22°42	13°13	16♎ 3	16°51	25♈54	14°52	8°38	28♊ 1	23♓28	18♋29	17°57	9°42	1♓21	T 2
F 3	1 26 7	19°39'20	4♍30	14°10	15°27	17°34	25°46	14°59	8°39	28° 1	23°27	18°23	17°54	9°49	1°19	F 3
S 4	1 30 3	20°39'01	16°21	15° 4	14°51	18°18	25°38	15° 6	8°41	28° 1	23°26	18°14	17°51	9°55	1°17	S 4
S 5	1 34 0	21°38'44	28°17	15°55	14°17	19° 2	25°30	15°12	8°42	28° 0	23°25	18° 2	17°48	10° 2	1°16	S 5
M 6	1 37 56	22°38'29	10♎21	16°42	13°43	19°46	25°22	15°19	8°43	28° 0	23°24	17°48	17°45	10° 9	1°14	M 6
T 7	1 41 53	23°38'16	22°34	17°24	13°10	20°31	25°13	15°26	8°45	27°59	23°23	17°34	17°41	10°15	1°13	T 7
W 8	1 45 49	24°38'05	4♏56	18° 2	12°40	21°15	25° 5	15°33	8°46	27°59	23°22	17°20	17°38	10°22	1°11	W 8
T 9	1 49 46	25°37'57	17°28	18°35	12°10	21°59	24°57	15°40	8°48	27°58	23°21	17° 8	17°35	10°29	1°10	T 9
F 10	1 53 43	26°37'50	0♐11	19° 2	11°43	22°43	24°49	15°46	8°50	27°57	23°20	16°58	17°32	10°36	1° 9	F 10
S 11	1 57 39	27°37'45	13° 4	19°23	11°17	23°28	24°41	15°53	8°51	27°57	23°19	16°51	17°29	10°42	1° 7	S 11
S 12	2 1 36	28°37'42	26° 9	19°37	10°54	24°12	24°33	16° 0	8°53	27°56	23°18	16°47	17°26	10°49	1° 6	S 12
M13	2 5 32	29°37'40	9♑27	19°R44	10°32	24°57	24°25	16° 7	8°55	27°55	23°17	16°46	17°22	10°56	1° 5	M13
T 14	2 9 29	0♏37'40	22°59	19°42	10°13	25°42	24°17	16°14	8°56	27°55	23°17	16°D46	17°19	11° 2	1° 4	T 14
W15	2 13 25	1°37'42	6♒48	19°32	9°57	26°26	24° 9	16°21	8°58	27°54	23°16	16°R46	17°16	11° 9	1° 3	W15
T 16	2 17 22	2°37'45	20°54	19°13	9°42	27°11	24° 1	16°28	9° 0	27°53	23°15	16°44	17°13	11°16	1° 2	T 16
F 17	2 21 18	3°37'50	5♓17	18°45	9°30	27°56	23°53	16°35	9° 2	27°52	23°14	16°41	17°10	11°22	1° 1	F 17
S 18	2 25 15	4°37'56	19°54	18° 7	9°21	28°41	23°45	16°42	9° 4	27°51	23°13	16°35	17° 7	11°29	1° 0	S 18
S 19	2 29 12	5°38'04	4♈40	17°19	9°14	29°26	23°37	16°49	9° 6	27°51	23°12	16°27	17° 3	11°36	0°59	S 19
M20	2 33 8	6°38'13	19°28	16°22	9° 9	0♑11	23°29	16°56	9° 8	27°50	23°11	16°16	17° 0	11°42	0°59	M20
T 21	2 37 5	7°38'25	4♉ 9	15°17	9°D 7	0°56	23°22	17° 3	9°10	27°49	23°11	16° 5	16°57	11°49	0°58	T 21
W22	2 41 1	8°38'38	18°36	14° 6	9° 8	1°41	23°14	17°10	9°12	27°48	23°10	15°55	16°54	11°56	0°57	W22
T 23	2 44 58	9°38'53	2♊41	12°49	9°10	2°26	23° 6	17°17	9°14	27°47	23° 9	15°46	16°51	12° 3	0°57	T 23
F 24	2 48 54	10°39'10	16°22	11°30	9°16	3°12	22°59	17°24	9°17	27°46	23° 8	15°40	16°47	12° 9	0°56	F 24
S 25	2 52 51	11°39'29	29°36	10°10	9°23	3°57	22°52	17°32	9°19	27°45	23° 7	15°37	16°44	12°16	0°56	S 25
S 26	2 56 47	12°39'49	12♋25	8°53	9°33	4°42	22°45	17°39	9°21	27°44	23° 7	15°D36	16°41	12°23	0°55	S 26
M27	3 0 44	13°40'12	24°53	7°41	9°45	5°28	22°37	17°46	9°24	27°43	23° 6	15°36	16°38	12°29	0°55	M27
T 28	3 4 41	14°40'37	7♌ 3	6°35	9°59	6°13	22°30	17°53	9°26	27°41	23° 5	15°37	16°35	12°36	0°55	T 28
W29	3 8 37	15°41'03	19° 1	5°39	10°15	6°59	22°24	18° 0	9°28	27°40	23° 5	15°R37	16°32	12°43	0°54	W29
T 30	3 12 34	16°41'32	0♍52	4°53	10°34	7°45	22°17	18° 7	9°31	27°39	23° 4	15°35	16°28	12°49	0°54	T 30
F 31	3 16 30	17♏42'02	12♍42	4♏18	10♎54	8♑30	22♈10	18♏14	9♑33	27♊38	23♓ 3	15♋32	16♋25	12♍56	0♓54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s57	19n23	1n55	18s14	2s50	13s19	7s20	24s13	1s28	8n37	1s34	14s21	2n 3	23s36	0s23	22n17	1s12	17s39	16s28	22n12	22n17	11n44	5s39	5n44
T 2	7 20	16 39	2 50	18 36	2 54	12 57	7 11	24 18	1 28	8 34	1 34	14 23	2 3	23 35	0 23	22 17	1 12	17 39	16 28	22 13	22 17	11 42	5 39	5 44
F 3	7 42	13 15	3 37	18 57	2 57	12 33	7 1	24 22	1 28	8 31	1 34	14 25	2 3	23 35	0 23	22 17	1 12	17 40	16 27	22 14	22 18	11 39	5 40	5 44
S 4	8 5	9 19	4 15	19 16	3 0	12 10	6 50	24 26	1 28	8 28	1 34	14 27	2 2	23 35	0 23	22 17	1 12	17 40	16 27	22 15	22 18	11 37	5 41	5 43
S 5	8 27	5 0	4 42	19 33	3 2	11 46	6 39	24 30	1 28	8 25	1 34	14 29	2 2	23 35	0 23	22 17	1 12	17 40	16 27	22 17	22 18	11 35	5 42	5 43
M 6	8 50	0 27	4 57	19 48	3 4	11 22	6 27	24 34	1 28	8 22	1 34	14 31	2 2	23 35	0 23	22 17	1 12	17 40	16 27	22 18	22 19	11 33	5 43	5 43
T 7	9 12	4s11	4 58	20 1	3 5	10 58	6 15	24 37	1 28	8 19	1 34	14 33	2 2	23 35	0 23	22 17	1 12	17 41	16 27	22 20	22 19	11 31	5 44	5 42
W 8	9 34	8 42	4 46	20 12	3 5	10 34	6 2	24 40	1 28	8 16	1 34	14 35	2 2	23 35	0 23	22 17	1 12	17 41	16 27	22 22	22 20	11 29	5 45	5 42
T 9	9 56	12 56	4 19	20 21	3 5	10 10	5 49	24 43	1 28	8 13	1 34	14 37	2 2	23 35	0 23	22 17	1 12	17 41	16 26	22 24	22 20	11 27	5 45	5 42
F 10	10 18	16 39	3 40	20 27	3 3	9 46	5 35	24 46	1 28	8 10	1 34	14 39	2 2	23 35	0 23	22 17	1 12	17 41	16 26	22 25	22 21	11 25	5 46	5 41
S 11	10 39	19 38	2 48	20 30	3 0	9 23	5 21	24 48	1 28	8 8	1 34	14 41	2 2	23 34	0 23	22 17	1 12	17 42	16 26	22 26	22 21	11 23	5 47	5 41
S 12	11 1	21 40	1 47	20 31	2 57	9 1	5 7	24 50	1 28	8 5	1 34	14 43	2 2	23 34	0 23	22 17	1 12	17 42	16 26	22 26	22 21	11 21	5 48	5 41
M13	11 22	22 31	0 39	20 28	2 52	8 39	4 52	24 52	1 28	8 2	1 34	14 46	2 2	23 34	0 23	22 16	1 12	17 42	16 26	22 26	22 22	11 19	5 48	5 40
T 14	11 43	22 4	0s33	20 21	2 45	8 18	4 37	24 53	1 28	7 59	1 34	14 48	2 1	23 34	0 23	22 16	1 12	17 42	16 25	22 26	22 22	11 17	5 49	5 40
W15	12 4	20 18	1 44	20 11	2 37	7 58	4 23	24 55	1 28	7 56	1 34	14 50	2 1	23 34	0 23	22 16	1 12	17 42	16 25	22 26	22 23	11 15	5 50	5 39
T 16	12 25	17 15	2 50	19 56	2 28	7 39	4 8	24 56	1 28	7 53	1 33	14 52	2 1	23 34	0 23	22 16	1 12	17 42	16 25	22 27	22 23	11 13	5 51	5 39
F 17	12 45	13 7	3 47	19 37	2 16	7 20	3 53	24 57	1 28	7 50	1 33	14 54	2 1	23 34	0 23	22 16	1 12	17 43	16 25	22 27	22 23	11 10	5 51	5 39
S 18	13 6	8 9	4 30	19 14	2 4	7 3	3 38	24 57	1 28	7 48	1 33	14 56	2 1	23 34	0 23	22 16	1 12	17 43	16 24	22 28	22 24	11 8	5 52	5 38
S 19	13 26	2 40	4 56	18 47	1 49	6 47	3 24	24 57	1 28	7 45	1 33	14 58	2 1	23 33	0 23	22 16	1 12	17 43	16 24	22 29	22 24	11 6	5 53	5 38
M20	13 46	2n59	5 1	18 15	1 33	6 32	3 9	24 57	1 28	7 42	1 33	15 0	2 1	23 33	0 23	22 16	1 12	17 43	16 24	22 30	22 25	11 4	5 53	5 38
T 21	14 5	8 25	4 47	17 39	1 15	6 18	2 55	24 57	1 28	7 39	1 33	15 2	2 1	23 33	0 23	22 16	1 12	17 43	16 24	22 31	22 25	11 2	5 54	5 37
W22	14 25	13 19	4 15	17 0	0 56	6 5	2 40	24 57	1 28	7 37	1 33	15 4	2 1	23 33	0 23	22 16	1 12	17 43	16 23	22 33	22 25	11 0	5 54	5 37
T 23	14 44	17 21	3 27	16 17	0 36	5 53	2 26	24 56	1 27	7 34	1 32	15 6	2 1	23 33	0 23	22 16	1 12	17 43	16 23	22 34	22 26	10 58	5 55	5 37
F 24	15 3	20 19	2 29	15 33	0 15	5 43	2 13	24 55	1 27	7 32	1 32	15 8	2 1	23 33	0 23	22 16	1 12	17 43	16 23	22 34	22 26	10 56	5 55	5 36
S 25	15 22	22 5	1 24	14 49	0n 6	5 33	1 59	24 53	1 27	7 29	1 32	15 10	2 1	23 32	0 23	22 16	1 12	17 43	16 23	22 35	22 27	10 54	5 56	5 36
S 26	15 40	22 38	0 17	14 5	0 26	5 25	1 46	24 52	1 27	7 27	1 32	15 12	2 1	23 32	0 23	22 16	1 13	17 43	16 22	22 35	22 27	10 52	5 56	5 35
M27	15 59	22 1	0n49	13 23	0 45	5 18	1 33	24 50	1 27	7 24	1 32	15 14	2 1	23 32	0 22	22 16	1 13	17 43	16 22	22 35	22 27	10 49	5 57	5 35
T 28	16 17	20 22	1 52	12 45	1 4	5 12	1 21	24 48	1 27	7 22	1 32	15 16	2 1	23 32	0 22	22 16	1 13	17 43	16 22	22 35	22 28	10 47	5 57	5 35
W29	16 34	17 50	2 49	12 10	1 20	5 7	1 8	24 45	1 27	7 19	1 31	15 18	2 1	23 32	0 22	22 16	1 13	17 43	16 22	22 35	22 28	10 45	5 58	5 34
T 30	16 52	14 35	3 38	11 41	1 35	5 3	0 56	24 42	1 27	7 17	1 31	15 20	2 1	23 32	0 22	22 16	1 13	17 43	16 21	22 35	22 29	10 43	5 58	5 34
F 31	17s 9	10n46	4n17	11s17	1n48	5s 0	0s45	24s39	1s26	7n15	1s31	15s22	2n 0	23s31	0s22	22n16	1s13	17s43	16s21	22n35	22n29	10n41	5s59	5n33

Julian Day Number = 2295504.5, Delta T = 133.29 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'41, Lahiri = 17°53'42 Julian Calendar 1 Oct. 1572 == Greg. Calendar 11 Oct. 1572

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1572
geocentric

NOVEMBER 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 20 27	18♏42'34	24♍35	3°R55	11♎16	9♑16	22°R 4	18♏21	9♑36	27°R37	23°R 3	15°R26	16♋22	13♍ 3	0°D54	S 1
S 2	3 24 23	19°43'08	6♎35	3♏44	11°40	10° 2	21♈57	18°29	9°38	27♊35	23♓ 2	15♋18	16°19	13°10	0♓54	S 2
M 3	3 28 20	20°43'43	18°46	3°D43	12° 6	10°48	21°51	18°36	9°41	27°34	23° 2	15° 9	16°16	13°16	0°54	M 3
T 4	3 32 16	21°44'20	1♏ 9	3°54	12°33	11°34	21°45	18°43	9°44	27°33	23° 1	14°58	16°13	13°23	0°54	T 4
W 5	3 36 13	22°44'59	13°45	4°15	13° 3	12°19	21°39	18°50	9°46	27°32	23° 1	14°48	16° 9	13°30	0°55	W 5
T 6	3 40 9	23°45'39	26°36	4°44	13°33	13° 5	21°33	18°57	9°49	27°30	23° 0	14°39	16° 6	13°36	0°55	T 6
F 7	3 44 6	24°46'21	9♐39	5°22	14° 6	13°52	21°28	19° 4	9°52	27°29	23° 0	14°32	16° 3	13°43	0°55	F 7
S 8	3 48 3	25°47'04	22°54	6° 7	14°39	14°38	21°22	19°11	9°55	27°27	22°59	14°27	16° 0	13°50	0°56	S 8
S 9	3 51 59	26°47'49	6♑20	6°59	15°15	15°24	21°17	19°18	9°57	27°26	22°59	14°25	15°57	13°56	0°56	S 9
M10	3 55 56	27°48'34	19°56	7°56	15°51	16°10	21°12	19°26	10° 0	27°25	22°58	14°D25	15°53	14° 3	0°57	M10
T 11	3 59 52	28°49'21	3♒41	8°59	16°29	16°56	21° 7	19°33	10° 3	27°23	22°58	14°26	15°50	14°10	0°57	T 11
W12	4 3 49	29°50'09	17°36	10° 5	17° 8	17°42	21° 2	19°40	10° 6	27°22	22°58	14°27	15°47	14°17	0°58	W12
T 13	4 7 45	0♐50'57	1♓39	11°16	17°49	18°29	20°58	19°47	10° 9	27°20	22°57	14°R28	15°44	14°23	0°59	T 13
F 14	4 11 42	1°51'46	15°50	12°29	18°30	19°15	20°53	19°54	10°12	27°19	22°57	14°27	15°41	14°30	0°59	F 14
S 15	4 15 39	2°52'37	0♈ 6	13°45	19°13	20° 1	20°49	20° 1	10°15	27°17	22°57	14°24	15°38	14°37	1° 0	S 15
S 16	4 19 35	3°53'28	14°26	15° 4	19°57	20°48	20°45	20° 8	10°18	27°16	22°56	14°19	15°34	14°43	1° 1	S 16
M17	4 23 32	4°54'20	28°45	16°24	20°41	21°34	20°41	20°15	10°21	27°14	22°56	14°14	15°31	14°50	1° 2	M17
T 18	4 27 28	5°55'13	12♉58	17°47	21°27	22°21	20°38	20°22	10°24	27°13	22°56	14° 7	15°28	14°57	1° 3	T 18
W19	4 31 25	6°56'07	27° 0	19°10	22°14	23° 7	20°34	20°29	10°27	27°11	22°56	14° 1	15°25	15° 3	1° 4	W19
T 20	4 35 21	7°57'01	10♊47	20°35	23° 2	23°54	20°31	20°36	10°30	27°10	22°56	13°56	15°22	15°10	1° 5	T 20
F 21	4 39 18	8°57'57	24°14	22° 1	23°50	24°40	20°28	20°43	10°33	27° 8	22°55	13°53	15°19	15°17	1° 6	F 21
S 22	4 43 14	9°58'55	7♋22	23°28	24°40	25°27	20°25	20°49	10°37	27° 6	22°55	13°51	15°15	15°24	1° 8	S 22
S 23	4 47 11	10°59'53	20° 8	24°56	25°30	26°13	20°23	20°56	10°40	27° 5	22°55	13°D51	15°12	15°30	1° 9	S 23
M24	4 51 8	12° 0'52	2♌36	26°25	26°21	27° 0	20°20	21° 3	10°43	27° 3	22°55	13°52	15° 9	15°37	1°10	M24
T 25	4 55 4	13° 1'52	14°48	27°54	27°13	27°47	20°18	21°10	10°46	27° 2	22°55	13°54	15° 6	15°44	1°12	T 25
W26	4 59 1	14° 2'53	26°48	29°23	28° 6	28°33	20°16	21°17	10°50	27° 0	22°55	13°56	15° 3	15°50	1°13	W26
T 27	5 2 57	15° 3'56	8♍42	0♐53	28°59	29°20	20°14	21°23	10°53	26°58	22°D55	13°57	14°59	15°57	1°15	T 27
F 28	5 6 54	16° 4'59	20°33	2°24	29°54	0♒ 7	20°12	21°30	10°56	26°57	22°55	13°R57	14°56	16° 4	1°16	F 28
S 29	5 10 50	17° 6'03	2♎27	3°54	0♏48	0°53	20°11	21°37	11° 0	26°55	22°55	13°56	14°53	16°11	1°18	S 29
S 30	5 14 47	18♐ 7'08	14♎28	5♐25	1♏44	1♒40	20♈10	21♏44	11♑ 3	26♊53	22♓55	13♋53	14♋50	16♍17	1♓19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s26	6n31	4n45	10s59	1n59	4s59	0s33	24s36	1s26	7n13	1s31	15s24	2n 0	23s31	0s22	22n16	1s13	17s43	16s21	22n36	22n29	10n39	5s59	5n33
S 2	17 42	2 0	5 2	10 46	2 8	4 58	0 22	24 33	1 26	7 10	1 31	15 26	2 0	23 31	0 22	22 16	1 13	17 43	16 20	22 37	22 30	10 37	5 59	5 33
M 3	17 59	2s40	5 5	10 40	2 16	4 58	0 12	24 29	1 26	7 8	1 30	15 28	2 0	23 31	0 22	22 16	1 13	17 43	16 20	22 38	22 30	10 34	6 0	5 32
T 4	18 14	7 19	4 53	10 38	2 21	5 0	0 1	24 25	1 26	7 6	1 30	15 30	2 0	23 31	0 22	22 16	1 13	17 43	16 20	22 39	22 30	10 32	6 0	5 32
W 5	18 30	11 45	4 28	10 42	2 25	5 2	0n 9	24 20	1 25	7 4	1 30	15 32	2 0	23 30	0 22	22 16	1 13	17 43	16 20	22 40	22 31	10 30	6 0	5 32
T 6	18 45	15 44	3 48	10 49	2 27	5 5	0 18	24 16	1 25	7 2	1 30	15 34	2 0	23 30	0 22	22 16	1 13	17 43	16 19	22 41	22 31	10 28	6 1	5 31
F 7	19 0	19 3	2 56	11 1	2 28	5 9	0 28	24 11	1 25	7 0	1 29	15 36	2 0	23 30	0 22	22 15	1 13	17 43	16 19	22 42	22 32	10 26	6 1	5 31
S 8	19 15	21 25	1 53	11 16	2 27	5 13	0 37	24 6	1 25	6 59	1 29	15 38	2 0	23 30	0 22	22 15	1 13	17 43	16 19	22 42	22 32	10 24	6 1	5 30
S 9	19 29	22 37	0 43	11 35	2 26	5 19	0 46	24 0	1 24	6 57	1 29	15 40	2 0	23 30	0 22	22 15	1 13	17 43	16 18	22 43	22 32	10 21	6 1	5 30
M10	19 43	22 30	0s30	11 55	2 24	5 25	0 54	23 54	1 24	6 55	1 29	15 42	2 0	23 29	0 22	22 15	1 13	17 43	16 18	22 43	22 33	10 19	6 1	5 30
T 11	19 57	21 2	1 42	12 18	2 20	5 32	1 2	23 48	1 24	6 54	1 28	15 44	2 0	23 29	0 22	22 15	1 13	17 42	16 18	22 43	22 33	10 17	6 2	5 29
W12	20 10	18 17	2 50	12 43	2 16	5 40	1 10	23 42	1 24	6 52	1 28	15 46	2 0	23 29	0 22	22 15	1 13	17 42	16 17	22 42	22 33	10 15	6 2	5 29
T 13	20 22	14 27	3 48	13 9	2 12	5 49	1 18	23 36	1 23	6 51	1 28	15 47	2 0	23 29	0 22	22 15	1 13	17 42	16 17	22 42	22 34	10 13	6 2	5 28
F 14	20 35	9 47	4 32	13 36	2 7	5 58	1 25	23 29	1 23	6 49	1 27	15 49	2 0	23 28	0 22	22 15	1 13	17 42	16 17	22 43	22 34	10 11	6 2	5 28
S 15	20 47	4 33	5 0	14 4	2 1	6 7	1 32	23 22	1 23	6 48	1 27	15 51	2 0	23 28	0 22	22 15	1 13	17 42	16 16	22 43	22 35	10 8	6 2	5 28
S 16	20 59	0n57	5 10	14 33	1 56	6 18	1 38	23 14	1 22	6 47	1 27	15 53	2 0	23 28	0 22	22 15	1 13	17 42	16 16	22 43	22 35	10 6	6 2	5 27
M17	21 10	6 23	5 0	15 2	1 49	6 29	1 45	23 7	1 22	6 46	1 27	15 55	2 0	23 28	0 22	22 15	1 13	17 41	16 16	22 44	22 35	10 4	6 2	5 27
T 18	21 21	11 27	4 32	15 31	1 43	6 40	1 51	22 59	1 22	6 44	1 26	15 57	2 0	23 27	0 22	22 15	1 13	17 41	16 15	22 45	22 36	10 2	6 2	5 26
W19	21 31	15 51	3 47	16 1	1 36	6 52	1 57	22 51	1 22	6 43	1 26	15 59	2 0	23 27	0 22	22 15	1 13	17 41	16 15	22 45	22 36	10 0	6 2	5 26
T 20	21 41	19 18	2 50	16 30	1 29	7 5	2 3	22 43	1 21	6 42	1 26	16 0	2 0	23 27	0 22	22 15	1 13	17 41	16 15	22 46	22 36	9 57	6 2	5 26
F 21	21 51	21 37	1 45	16 59	1 22	7 17	2 8	22 34	1 21	6 42	1 25	16 2	2 0	23 27	0 22	22 15	1 13	17 40	16 14	22 46	22 37	9 55	6 2	5 25
S 22	22 0	22 42	0 35	17 28	1 15	7 31	2 13	22 25	1 21	6 41	1 25	16 4	2 0	23 26	0 22	22 15	1 13	17 40	16 14	22 46	22 37	9 53	6 2	5 25
S 23	22 9	22 33	0n34	17 57	1 8	7 45	2 18	22 16	1 20	6 40	1 25	16 6	2 0	23 26	0 22	22 15	1 13	17 40	16 14	22 46	22 38	9 51	6 2	5 25
M24	22 17	21 16	1 41	18 25	1 1	7 59	2 22	22 7	1 20	6 39	1 25	16 7	2 0	23 26	0 22	22 15	1 13	17 40	16 13	22 46	22 38	9 49	6 2	5 24
T 25	22 25	19 0	2 41	18 52	0 53	8 14	2 27	21 57	1 19	6 39	1 24	16 9	2 0	23 26	0 22	22 15	1 13	17 39	16 13	22 46	22 38	9 46	6 2	5 24
W26	22 32	15 57	3 34	19 19	0 46	8 28	2 31	21 47	1 19	6 38	1 24	16 11	2 1	23 25	0 22	22 15	1 13	17 39	16 13	22 46	22 39	9 44	6 1	5 24
T 27	22 39	12 17	4 17	19 45	0 38	8 44	2 35	21 37	1 19	6 38	1 24	16 13	2 1	23 25	0 22	22 15	1 13	17 39	16 12	22 46	22 39	9 42	6 1	5 23
F 28	22 46	8 10	4 48	20 11	0 31	8 59	2 38	21 27	1 18	6 38	1 23	16 14	2 1	23 25	0 22	22 15	1 13	17 38	16 12	22 46	22 39	9 40	6 1	5 23
S 29	22 52	3 44	5 8	20 35	0 24	9 15	2 42	21 16	1 18	6 37	1 23	16 16	2 1	23 25	0 22	22 15	1 13	17 38	16 11	22 46	22 40	9 37	6 1	5 22
S 30	22s58	0s54	5n14	20s59	0n17	9s31	2n45	21s 6	1s17	6n37	1s23	16s18	2n 1	23s24	0s22	22n15	1s13	17s38	16s11	22n46	22n40	9n35	6s 0	5n22

Julian Day Number = 2295535.5, Delta T = 133.13 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'46, Lahiri = 17°53'46 Julian Calendar 1 Nov. 1572 == Greg. Calendar 11 Nov. 1572

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ASTRODIENST EPHEMERIS for the year 1572
geocentric

DECEMBER 1572 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 18 43	19♐ 8'14	26♎42	6♐57	2♏40	2♒27	20°R 9	21♏50	11♑ 6	26°R52	22♓55	13°R50	14♋47	16♍24	1♓21	M 1
T 2	5 22 40	20° 9'21	9♏10	8°28	3°36	3°14	20♈ 8	21°57	11°10	26♊50	22°55	13♋46	14°44	16°31	1°23	T 2
W 3	5 26 37	21°10'29	21°56	10° 0	4°33	4° 1	20° 7	22° 3	11°13	26°48	22°55	13°42	14°40	16°37	1°25	W 3
T 4	5 30 33	22°11'37	5♐ 0	11°32	5°31	4°48	20° 7	22°10	11°16	26°46	22°56	13°39	14°37	16°44	1°27	T 4
F 5	5 34 30	23°12'47	18°23	13° 4	6°29	5°34	20°D 7	22°16	11°20	26°45	22°56	13°36	14°34	16°51	1°29	F 5
S 6	5 38 26	24°13'56	2♑ 3	14°37	7°28	6°21	20° 7	22°23	11°23	26°43	22°56	13°35	14°31	16°58	1°31	S 6
S 7	5 42 23	25°15'06	15°56	16° 9	8°27	7° 8	20° 7	22°29	11°27	26°41	22°56	13°D34	14°28	17° 4	1°33	S 7
M 8	5 46 19	26°16'17	29°59	17°42	9°27	7°55	20° 8	22°36	11°30	26°40	22°56	13°35	14°25	17°11	1°35	M 8
T 9	5 50 16	27°17'27	14♒11	19°15	10°27	8°42	20° 8	22°42	11°34	26°38	22°57	13°36	14°21	17°18	1°37	T 9
W10	5 54 12	28°18'37	28°25	20°49	11°28	9°29	20° 9	22°48	11°37	26°36	22°57	13°37	14°18	17°24	1°39	W10
T 11	5 58 9	29°19'48	12♓40	22°22	12°29	10°16	20°10	22°54	11°41	26°35	22°57	13°38	14°15	17°31	1°42	T 11
F 12	6 2 6	0♑20'58	26°52	23°56	13°30	11° 3	20°12	23° 0	11°44	26°33	22°58	13°R39	14°12	17°38	1°44	F 12
S 13	6 6 2	1°22'08	11♈ 0	25°30	14°32	11°50	20°13	23° 7	11°48	26°31	22°58	13°39	14° 9	17°44	1°46	S 13
S 14	6 9 59	2°23'18	25° 2	27° 5	15°34	12°37	20°15	23°13	11°51	26°29	22°58	13°38	14° 5	17°51	1°49	S 14
M15	6 13 55	3°24'28	8♉56	28°39	16°36	13°24	20°17	23°19	11°55	26°28	22°59	13°37	14° 2	17°58	1°51	M15
T 16	6 17 52	4°25'38	22°40	0♑14	17°39	14°11	20°19	23°25	11°58	26°26	22°59	13°36	13°59	18° 5	1°54	T 16
W17	6 21 48	5°26'48	6♊13	1°50	18°42	14°58	20°21	23°31	12° 2	26°24	23° 0	13°35	13°56	18°11	1°56	W17
T 18	6 25 45	6°27'57	19°32	3°25	19°46	15°45	20°24	23°36	12° 5	26°23	23° 0	13°34	13°53	18°18	1°59	T 18
F 19	6 29 41	7°29'07	2♋38	5° 1	20°50	16°32	20°27	23°42	12° 9	26°21	23° 1	13°33	13°50	18°25	2° 1	F 19
S 20	6 33 38	8°30'16	15°28	6°38	21°54	17°19	20°29	23°48	12°13	26°19	23° 1	13°D33	13°46	18°31	2° 4	S 20
S 21	6 37 35	9°31'25	28° 4	8°14	22°58	18° 6	20°33	23°54	12°16	26°18	23° 2	13°33	13°43	18°38	2° 7	S 21
M22	6 41 31	10°32'34	10♌26	9°52	24° 3	18°53	20°36	23°59	12°20	26°16	23° 2	13°34	13°40	18°45	2°10	M22
T 23	6 45 28	11°33'43	22°36	11°29	25° 8	19°40	20°39	24° 5	12°23	26°14	23° 3	13°34	13°37	18°52	2°12	T 23
W24	6 49 24	12°34'52	4♍36	13° 7	26°13	20°27	20°43	24°11	12°27	26°13	23° 4	13°34	13°34	18°58	2°15	W24
T 25	6 53 21	13°36'01	16°30	14°46	27°19	21°14	20°47	24°16	12°30	26°11	23° 4	13°R34	13°31	19° 5	2°18	T 25
F 26	6 57 17	14°37'10	28°22	16°24	28°25	22° 1	20°51	24°21	12°34	26°10	23° 5	13°34	13°27	19°12	2°21	F 26
S 27	7 1 14	15°38'19	10♎15	18° 4	29°31	22°48	20°55	24°27	12°38	26° 8	23° 6	13°D34	13°24	19°18	2°24	S 27
S 28	7 5 10	16°39'27	22°15	19°44	0♐37	23°35	21° 0	24°32	12°41	26° 6	23° 6	13°34	13°21	19°25	2°27	S 28
M29	7 9 7	17°40'36	4♏27	21°24	1°44	24°22	21° 5	24°37	12°45	26° 5	23° 7	13°34	13°18	19°32	2°30	M29
T 30	7 13 4	18°41'44	16°54	23° 4	2°50	25° 8	21° 9	24°42	12°48	26° 3	23° 8	13°35	13°15	19°39	2°33	T 30
W31	7 17 0	19♑42'52	29♏40	24♑46	3♐57	25♒55	21♈14	24♏47	12♑52	26♊ 2	23♓ 9	13♋35	13♋11	19♍45	2♓36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 3	5s33	5n 6	21s22	0n 9	9s47	2n48	20s55	1s17	6n37	1s22	16s19	2n 1	23s24	0s22	22n15	1s13	17s37	16s11	22n46	22n40	9n33	6s 0	5n22
T 2	23 8	10 6	4 44	21 44	0 2	10 4	2 51	20 43	1 17	6 37	1 22	16 21	2 1	23 24	0 22	22 15	1 13	17 37	16 10	22 47	22 41	9 31	6 0	5 21
W 3	23 12	14 19	4 7	22 5	0s 5	10 21	2 53	20 32	1 16	6 37	1 22	16 23	2 1	23 23	0 22	22 14	1 13	17 37	16 10	22 47	22 41	9 28	6 0	5 21
T 4	23 16	17 57	3 17	22 25	0 12	10 38	2 56	20 20	1 16	6 37	1 21	16 24	2 1	23 23	0 22	22 14	1 13	17 36	16 10	22 48	22 41	9 26	5 59	5 21
F 5	23 19	20 45	2 14	22 44	0 19	10 55	2 58	20 8	1 15	6 38	1 21	16 26	2 1	23 23	0 22	22 14	1 13	17 36	16 9	22 48	22 42	9 24	5 59	5 20
S 6	23 22	22 25	1 3	23 1	0 25	11 12	3 0	19 56	1 15	6 38	1 21	16 27	2 1	23 23	0 22	22 14	1 13	17 35	16 9	22 48	22 42	9 22	5 59	5 20
S 7	23 25	22 45	0s13	23 18	0 32	11 29	3 2	19 44	1 14	6 38	1 20	16 29	2 1	23 22	0 22	22 14	1 13	17 35	16 9	22 48	22 42	9 19	5 58	5 20
M 8	23 26	21 39	1 30	23 34	0 38	11 46	3 3	19 31	1 14	6 39	1 20	16 30	2 1	23 22	0 22	22 14	1 13	17 35	16 8	22 48	22 43	9 17	5 58	5 19
T 9	23 28	19 11	2 41	23 48	0 45	12 4	3 5	19 19	1 14	6 39	1 20	16 32	2 1	23 22	0 22	22 14	1 13	17 34	16 8	22 48	22 43	9 15	5 57	5 19
W10	23 29	15 32	3 43	24 1	0 51	12 21	3 6	19 6	1 13	6 40	1 20	16 33	2 1	23 21	0 22	22 14	1 13	17 34	16 8	22 48	22 43	9 13	5 57	5 19
T 11	23 30	11 0	4 32	24 13	0 57	12 39	3 7	18 52	1 13	6 41	1 19	16 35	2 1	23 21	0 22	22 14	1 13	17 33	16 7	22 48	22 44	9 10	5 56	5 18
F 12	23 30	5 53	5 3	24 24	1 2	12 56	3 8	18 39	1 12	6 42	1 19	16 36	2 1	23 21	0 22	22 14	1 13	17 33	16 7	22 48	22 44	9 8	5 56	5 18
S 13	23 29	0 29	5 16	24 33	1 8	13 14	3 9	18 26	1 12	6 42	1 19	16 38	2 2	23 20	0 22	22 14	1 13	17 32	16 7	22 48	22 44	9 6	5 55	5 18
S 14	23 28	4n54	5 10	24 41	1 14	13 31	3 9	18 12	1 11	6 43	1 18	16 39	2 2	23 20	0 22	22 14	1 13	17 32	16 6	22 48	22 45	9 4	5 55	5 17
M15	23 27	9 59	4 46	24 48	1 19	13 48	3 10	17 58	1 11	6 44	1 18	16 41	2 2	23 20	0 22	22 14	1 13	17 31	16 6	22 48	22 45	9 1	5 54	5 17
T 16	23 25	14 31	4 6	24 53	1 24	14 6	3 10	17 44	1 10	6 45	1 18	16 42	2 2	23 20	0 22	22 14	1 13	17 31	16 6	22 48	22 45	8 59	5 54	5 17
W17	23 23	18 14	3 13	24 57	1 29	14 23	3 10	17 30	1 10	6 47	1 17	16 44	2 2	23 19	0 22	22 14	1 13	17 30	16 5	22 48	22 46	8 57	5 53	5 16
T 18	23 20	20 56	2 9	25 0	1 33	14 40	3 10	17 15	1 9	6 48	1 17	16 45	2 2	23 19	0 22	22 14	1 13	17 30	16 5	22 48	22 46	8 54	5 52	5 16
F 19	23 17	22 28	1 0	25 1	1 37	14 57	3 10	17 1	1 9	6 49	1 17	16 46	2 2	23 19	0 22	22 14	1 13	17 29	16 5	22 48	22 46	8 52	5 52	5 16
S 20	23 13	22 46	0n11	25 1	1 41	15 14	3 10	16 46	1 8	6 51	1 16	16 48	2 2	23 18	0 22	22 14	1 13	17 29	16 4	22 48	22 47	8 50	5 51	5 15
S 21	23 9	21 54	1 20	24 59	1 45	15 30	3 9	16 31	1 8	6 52	1 16	16 49	2 2	23 18	0 22	22 14	1 13	17 28	16 4	22 48	22 47	8 47	5 50	5 15
M22	23 4	19 58	2 24	24 56	1 49	15 47	3 8	16 16	1 7	6 54	1 16	16 50	2 2	23 18	0 22	22 14	1 13	17 28	16 4	22 48	22 47	8 45	5 50	5 15
T 23	22 59	17 10	3 20	24 51	1 52	16 3	3 8	16 0	1 7	6 55	1 15	16 51	2 3	23 17	0 22	22 14	1 13	17 27	16 3	22 48	22 48	8 43	5 49	5 15
W24	22 54	13 40	4 7	24 45	1 55	16 19	3 7	15 45	1 6	6 57	1 15	16 53	2 3	23 17	0 22	22 14	1 13	17 27	16 3	22 48	22 48	8 41	5 48	5 14
T 25	22 48	9 40	4 43	24 37	1 58	16 35	3 6	15 29	1 5	6 59	1 15	16 54	2 3	23 17	0 22	22 14	1 13	17 26	16 3	22 48	22 48	8 38	5 47	5 14
F 26	22 41	5 20	5 6	24 28	2 0	16 51	3 5	15 14	1 5	7 0	1 14	16 55	2 3	23 16	0 22	22 14	1 13	17 26	16 2	22 48	22 49	8 36	5 47	5 14
S 27	22 34	0 47	5 17	24 17	2 2	17 6	3 3	14 58	1 4	7 2	1 14	16 56	2 3	23 16	0 22	22 14	1 13	17 25	16 2	22 48	22 49	8 34	5 46	5 13
S 28	22 27	3s50	5 14	24 4	2 3	17 22	3 2	14 42	1 4	7 4	1 14	16 57	2 3	23 16	0 22	22 14	1 12	17 25	16 2	22 48	22 49	8 31	5 45	5 13
M29	22 19	8 22	4 57	23 50	2 4	17 36	3 0	14 25	1 3	7 6	1 14	16 59	2 3	23 15	0 22	22 14	1 12	17 24	16 1	22 48	22 50	8 29	5 44	5 13
T 30	22 11	12 41	4 25	23 34	2 5	17 51	2 59	14 9	1 3	7 8	1 13	17 0	2 3	23 15	0 22	22 14	1 12	17 23	16 1	22 48	22 50	8 27	5 43	5 13
W31	22s 3	16s32	3n40	23s17	2s 6	18s 5	2n57	13s53	1s 2	7n11	1s13	17s 1	2n 3	23s15	0s23	22n14	1s12	17s23	16s 1	22n48	22n50	8n24	5s42	5n12

Julian Day Number = 2295565.5, Delta T = 132.97 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'50, Lahiri = 17°53'50 Julian Calendar 1 Dec. 1572 == Greg. Calendar 11 Dec. 1572

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

JANUARY 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 20 57	20♑44'00	12♐49	26♑27	5♐ 4	26♒42	21♈20	24♏52	12♑55	26°R 0	23♓ 9	13♋36	13♋ 8	19♍52	2♓40	T 1
F 2	7 24 53	21°45'08	26°22	28° 9	6°12	27°29	21°25	24°57	12°59	25♊59	23°10	13°36	13° 5	19°59	2°43	F 2
S 3	7 28 50	22°46'15	10♑18	29°51	7°19	28°16	21°31	25° 2	13° 2	25°57	23°11	13°R37	13° 2	20° 5	2°46	S 3
S 4	7 32 46	23°47'21	24°34	1♒34	8°27	29° 3	21°36	25° 7	13° 6	25°56	23°12	13°37	12°59	20°12	2°49	S 4
M 5	7 36 43	24°48'27	9♒ 6	3°17	9°35	29°50	21°42	25°12	13° 9	25°54	23°13	13°36	12°56	20°19	2°53	M 5
T 6	7 40 40	25°49'32	23°47	5° 0	10°43	0♓37	21°48	25°16	13°13	25°53	23°14	13°35	12°52	20°26	2°56	T 6
W 7	7 44 36	26°50'36	8♓30	6°43	11°51	1°24	21°55	25°21	13°16	25°52	23°15	13°33	12°49	20°32	2°59	W 7
T 8	7 48 33	27°51'39	23° 9	8°26	13° 0	2°11	22° 1	25°25	13°20	25°50	23°16	13°31	12°46	20°39	3° 3	T 8
F 9	7 52 29	28°52'41	7♈38	10° 9	14° 8	2°57	22° 8	25°30	13°23	25°49	23°17	13°30	12°43	20°46	3° 6	F 9
S 10	7 56 26	29°53'42	21°52	11°52	15°17	3°44	22°14	25°34	13°27	25°47	23°18	13°29	12°40	20°52	3°10	S 10
S 11	8 0 22	0♒54'41	5♉50	13°34	16°26	4°31	22°21	25°38	13°30	25°46	23°19	13°D29	12°37	20°59	3°13	S 11
M12	8 4 19	1°55'40	19°31	15°16	17°35	5°18	22°28	25°43	13°34	25°45	23°20	13°30	12°33	21° 6	3°17	M12
T 13	8 8 15	2°56'37	2♊55	16°57	18°44	6° 5	22°36	25°47	13°37	25°43	23°21	13°31	12°30	21°13	3°20	T 13
W14	8 12 12	3°57'33	16° 4	18°36	19°53	6°51	22°43	25°51	13°41	25°42	23°22	13°32	12°27	21°19	3°24	W14
T 15	8 16 9	4°58'27	28°59	20°14	21° 2	7°38	22°51	25°55	13°44	25°41	23°23	13°34	12°24	21°26	3°27	T 15
F 16	8 20 5	5°59'21	11♋42	21°49	22°12	8°25	22°58	25°59	13°47	25°40	23°24	13°R34	12°21	21°33	3°31	F 16
S 17	8 24 2	7° 0'13	24°13	23°23	23°21	9°11	23° 6	26° 2	13°51	25°39	23°25	13°34	12°17	21°39	3°35	S 17
S 18	8 27 58	8° 1'04	6♌33	24°53	24°31	9°58	23°14	26° 6	13°54	25°37	23°26	13°32	12°14	21°46	3°38	S 18
M19	8 31 55	9° 1'54	18°45	26°19	25°41	10°45	23°22	26°10	13°57	25°36	23°27	13°29	12°11	21°53	3°42	M19
T 20	8 35 51	10° 2'43	0♍49	27°42	26°51	11°31	23°31	26°13	14° 1	25°35	23°28	13°25	12° 8	22° 0	3°46	T 20
W21	8 39 48	11° 3'30	12°46	28°59	28° 1	12°18	23°39	26°17	14° 4	25°34	23°29	13°20	12° 5	22° 6	3°49	W21
T 22	8 43 44	12° 4'17	24°39	0♓11	29°11	13° 4	23°48	26°20	14° 7	25°33	23°31	13°15	12° 2	22°13	3°53	T 22
F 23	8 47 41	13° 5'02	6♎30	1°17	0♑21	13°51	23°56	26°23	14°11	25°32	23°32	13°10	11°58	22°20	3°57	F 23
S 24	8 51 38	14° 5'46	18°23	2°15	1°31	14°37	24° 5	26°26	14°14	25°31	23°33	13° 6	11°55	22°26	4° 1	S 24
S 25	8 55 34	15° 6'29	0♏22	3° 6	2°42	15°24	24°14	26°29	14°17	25°30	23°34	13° 3	11°52	22°33	4° 4	S 25
M26	8 59 31	16° 7'11	12°30	3°48	3°52	16°10	24°23	26°32	14°20	25°29	23°35	13°D 2	11°49	22°40	4° 8	M26
T 27	9 3 27	17° 7'52	24°52	4°21	5° 3	16°56	24°33	26°35	14°23	25°28	23°37	13° 2	11°46	22°47	4°12	T 27
W28	9 7 24	18° 8'32	7♐33	4°44	6°14	17°43	24°42	26°38	14°26	25°27	23°38	13° 3	11°43	22°53	4°16	W28
T 29	9 11 20	19° 9'11	20°37	4°57	7°24	18°29	24°52	26°41	14°30	25°26	23°39	13° 5	11°39	23° 0	4°20	T 29
F 30	9 15 17	20° 9'49	4♑ 8	5°R 0	8°35	19°15	25° 1	26°43	14°33	25°25	23°41	13° 6	11°36	23° 7	4°24	F 30
S 31	9 19 13	21♒10'25	18♑ 7	4♓51	9♑46	20♓ 2	25♈11	26♏46	14♑36	25♊25	23♓42	13°R 7	11♋33	23♍13	4♓28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s53	19 s42	2n43	22 s58	2 s 6	18 s19	2n55	13 s36	1 s 1	7n13	1 s13	17 s 2	2n 4	23 s14	0 s23	22n14	1 s12	17 s22	16 s 0	22n48	22n51	8n22	5 s42	5n12
F 2	21 44	21 52	1 34	22 37	2 5	18 33	2 53	13 19	1 1	7 15	1 12	17 3	2 4	23 14	0 23	22 14	1 12	17 22	16 0	22 48	22 51	8 20	5 41	5 12
S 3	21 34	22 47	0 18	22 15	2 4	18 46	2 51	13 3	1 0	7 17	1 12	17 4	2 4	23 14	0 23	22 14	1 12	17 21	16 0	22 48	22 51	8 17	5 40	5 12
S 4	21 24	22 15	1 s 0	21 51	2 3	18 59	2 49	12 46	1 0	7 20	1 12	17 5	2 4	23 13	0 23	22 14	1 12	17 20	15 59	22 48	22 52	8 15	5 39	5 11
M 5	21 13	20 13	2 17	21 25	2 1	19 11	2 47	12 29	0 59	7 22	1 12	17 6	2 4	23 13	0 23	22 14	1 12	17 20	15 59	22 48	22 52	8 13	5 38	5 11
T 6	21 2	16 50	3 25	20 58	1 58	19 23	2 45	12 12	0 59	7 25	1 11	17 7	2 4	23 13	0 23	22 14	1 12	17 19	15 59	22 48	22 52	8 10	5 37	5 11
W 7	20 50	12 24	4 19	20 29	1 55	19 35	2 42	11 54	0 58	7 28	1 11	17 8	2 4	23 12	0 23	22 14	1 12	17 19	15 59	22 48	22 52	8 8	5 36	5 11
T 8	20 38	7 15	4 56	19 59	1 51	19 46	2 40	11 37	0 57	7 30	1 11	17 9	2 4	23 12	0 23	22 14	1 12	17 18	15 58	22 48	22 53	8 6	5 35	5 10
F 9	20 26	1 47	5 14	19 27	1 47	19 57	2 37	11 19	0 57	7 33	1 10	17 10	2 5	23 12	0 23	22 14	1 12	17 17	15 58	22 48	22 53	8 3	5 34	5 10
S 10	20 13	3n42	5 13	18 54	1 42	20 7	2 34	11 2	0 56	7 36	1 10	17 11	2 5	23 11	0 23	22 14	1 12	17 17	15 58	22 49	22 53	8 1	5 33	5 10
S 11	20 0	8 54	4 52	18 19	1 36	20 17	2 32	10 44	0 55	7 39	1 10	17 11	2 5	23 11	0 23	22 14	1 12	17 16	15 58	22 49	22 54	7 59	5 32	5 10
M12	19 47	13 33	4 16	17 43	1 29	20 26	2 29	10 26	0 55	7 41	1 10	17 12	2 5	23 11	0 23	22 14	1 12	17 15	15 57	22 49	22 54	7 56	5 31	5 10
T 13	19 33	17 25	3 26	17 6	1 22	20 35	2 26	10 9	0 54	7 44	1 9	17 13	2 5	23 10	0 23	22 14	1 12	17 15	15 57	22 48	22 54	7 54	5 30	5 9
W14	19 19	20 21	2 26	16 28	1 14	20 44	2 23	9 51	0 54	7 47	1 9	17 14	2 5	23 10	0 23	22 14	1 12	17 14	15 57	22 48	22 55	7 51	5 29	5 9
T 15	19 4	22 10	1 20	15 49	1 5	20 52	2 20	9 33	0 53	7 50	1 9	17 15	2 6	23 10	0 23	22 14	1 12	17 13	15 56	22 48	22 55	7 49	5 28	5 9
F 16	18 49	22 48	0 10	15 9	0 56	20 59	2 17	9 15	0 52	7 54	1 8	17 15	2 6	23 9	0 23	22 14	1 12	17 13	15 56	22 48	22 55	7 47	5 26	5 9
S 17	18 34	22 17	0n58	14 28	0 45	21 6	2 14	8 56	0 52	7 57	1 8	17 16	2 6	23 9	0 23	22 14	1 12	17 12	15 56	22 48	22 55	7 44	5 25	5 9
S 18	18 18	20 40	2 3	13 48	0 34	21 12	2 11	8 38	0 51	8 0	1 8	17 17	2 6	23 9	0 23	22 14	1 12	17 11	15 56	22 48	22 56	7 42	5 24	5 8
M19	18 2	18 7	3 1	13 7	0 22	21 18	2 8	8 20	0 50	8 3	1 8	17 18	2 6	23 8	0 23	22 14	1 12	17 11	15 55	22 49	22 56	7 40	5 23	5 8
T 20	17 46	14 48	3 51	12 27	0 9	21 23	2 4	8 2	0 50	8 6	1 7	17 18	2 6	23 8	0 23	22 14	1 12	17 10	15 55	22 49	22 56	7 37	5 22	5 8
W21	17 30	10 56	4 29	11 47	0n 4	21 28	2 1	7 43	0 49	8 10	1 7	17 19	2 6	23 8	0 23	22 14	1 12	17 9	15 55	22 49	22 57	7 35	5 21	5 8
T 22	17 13	6 40	4 56	11 9	0 18	21 32	1 58	7 25	0 48	8 13	1 7	17 20	2 7	23 7	0 23	22 14	1 12	17 9	15 55	22 50	22 57	7 32	5 19	5 8
F 23	16 56	2 9	5 10	10 32	0 33	21 35	1 54	7 6	0 48	8 17	1 7	17 20	2 7	23 7	0 23	22 14	1 12	17 8	15 55	22 50	22 57	7 30	5 18	5 8
S 24	16 38	2 s26	5 11	9 56	0 49	21 38	1 51	6 48	0 47	8 20	1 6	17 21	2 7	23 7	0 23	22 14	1 12	17 7	15 54	22 51	22 57	7 28	5 17	5 7
S 25	16 20	6 58	4 58	9 23	1 5	21 41	1 47	6 29	0 47	8 24	1 6	17 21	2 7	23 6	0 23	22 14	1 12	17 7	15 54	22 51	22 58	7 25	5 16	5 7
M26	16 2	11 18	4 32	8 53	1 21	21 42	1 44	6 10	0 46	8 27	1 6	17 22	2 7	23 6	0 23	22 14	1 12	17 6	15 54	22 51	22 58	7 23	5 15	5 7
T 27	15 44	15 15	3 53	8 26	1 37	21 44	1 40	5 52	0 45	8 31	1 6	17 22	2 7	23 6	0 23	22 14	1 11	17 5	15 54	22 51	22 58	7 20	5 13	5 7
W28	15 26	18 38	3 2	8 2	1 54	21 44	1 37	5 33	0 45	8 35	1 5	17 23	2 8	23 5	0 23	22 14	1 11	17 5	15 54	22 51	22 59	7 18	5 12	5 7
T 29	15 7	21 11	1 59	7 42	2 10	21 44	1 33	5 14	0 44	8 38	1 5	17 23	2 8	23 5	0 23	22 14	1 11	17 4	15 53	22 51	22 59	7 16	5 11	5 7
F 30	14 48	22 37	0 49	7 27	2 25	21 44	1 29	4 55	0 43	8 42	1 5	17 24	2 8	23 5	0 23	22 14	1 11	17 3	15 53	22 51	22 59	7 13	5 10	5 7
S 31	14 s28	22 s43	0 s27	7 s16	2n40	21 s42	1n26	4 s37	0 s43	8n46	1 s 5	17 s24	2n 8	23 s 4	0 s23	22n14	1 s11	17 s 3	15 s53	22n51	22n59	7n11	5 s 8	5n 6

Julian Day Number = 2295596.5, Delta T = 132.81 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'54, Lahiri = 17°53'55 Julian Calendar 1 Jan. 1573 == Greg. Calendar 11 Jan. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

FEBRUARY 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 23 10	22♒11'00	2♒32	4°R33	10♑57	20♓48	25♈21	26♏48	14♑39	25°R24	23♓43	13°R 5	11♋30	23♍20	4♓31	S 1
M 2	9 27 7	23°11'33	17°19	4♓ 5	12° 8	21°34	25°31	26°51	14°42	25♊23	23°44	13♋ 2	11°27	23°27	4°35	M 2
T 3	9 31 3	24°12'05	2♓22	3°28	13°20	22°20	25°41	26°53	14°45	25°22	23°46	12°56	11°23	23°34	4°39	T 3
W 4	9 35 0	25°12'35	17°31	2°42	14°31	23° 7	25°51	26°55	14°48	25°22	23°47	12°50	11°20	23°40	4°43	W 4
T 5	9 38 56	26°13'04	2♈36	1°49	15°42	23°53	26° 2	26°57	14°50	25°21	23°49	12°43	11°17	23°47	4°47	T 5
F 6	9 42 53	27°13'30	17°27	0°51	16°53	24°39	26°12	26°59	14°53	25°20	23°50	12°37	11°14	23°54	4°51	F 6
S 7	9 46 49	28°13'55	1♉58	29♒49	18° 5	25°25	26°23	27° 1	14°56	25°20	23°51	12°32	11°11	24° 0	4°55	S 7
S 8	9 50 46	29°14'17	16° 5	28°44	19°16	26°11	26°33	27° 3	14°59	25°19	23°53	12°30	11° 8	24° 7	4°59	S 8
M 9	9 54 42	0♓14'38	29°47	27°39	20°28	26°57	26°44	27° 4	15° 2	25°19	23°54	12°D29	11° 4	24°14	5° 3	M 9
T 10	9 58 39	1°14'57	13♊ 5	26°34	21°39	27°43	26°55	27° 6	15° 4	25°18	23°55	12°29	11° 1	24°21	5° 7	T 10
W11	10 2 36	2°15'14	26° 3	25°32	22°51	28°29	27° 6	27° 7	15° 7	25°18	23°57	12°31	10°58	24°27	5°11	W11
T 12	10 6 32	3°15'28	8♋43	24°33	24° 2	29°14	27°17	27° 8	15°10	25°17	23°58	12°R31	10°55	24°34	5°15	T 12
F 13	10 10 29	4°15'41	21° 9	23°39	25°14	0♈ 0	27°28	27°10	15°13	25°17	24° 0	12°31	10°52	24°41	5°19	F 13
S 14	10 14 25	5°15'51	3♌24	22°51	26°26	0°46	27°39	27°11	15°15	25°16	24° 1	12°29	10°48	24°47	5°23	S 14
S 15	10 18 22	6°16'00	15°31	22° 8	27°38	1°32	27°51	27°12	15°18	25°16	24° 3	12°24	10°45	24°54	5°27	S 15
M16	10 22 18	7°16'07	27°32	21°32	28°49	2°17	28° 2	27°13	15°20	25°16	24° 4	12°17	10°42	25° 1	5°31	M16
T 17	10 26 15	8°16'11	9♍29	21° 4	0♒ 1	3° 3	28°14	27°14	15°23	25°16	24° 6	12° 7	10°39	25° 8	5°35	T 17
W18	10 30 11	9°16'14	21°22	20°41	1°13	3°49	28°26	27°14	15°25	25°15	24° 7	11°56	10°36	25°14	5°39	W18
T 19	10 34 8	10°16'15	3♎15	20°26	2°25	4°34	28°37	27°15	15°28	25°15	24° 8	11°44	10°33	25°21	5°43	T 19
F 20	10 38 4	11°16'14	15° 7	20°18	3°37	5°20	28°49	27°15	15°30	25°15	24°10	11°33	10°29	25°28	5°47	F 20
S 21	10 42 1	12°16'12	27° 2	20°D16	4°49	6° 5	29° 1	27°16	15°32	25°15	24°11	11°23	10°26	25°34	5°50	S 21
S 22	10 45 58	13°16'08	9♏ 2	20°20	6° 1	6°51	29°13	27°16	15°35	25°15	24°13	11°15	10°23	25°41	5°54	S 22
M23	10 49 54	14°16'02	21° 9	20°30	7°13	7°36	29°25	27°16	15°37	25°15	24°14	11°10	10°20	25°48	5°58	M23
T 24	10 53 51	15°15'54	3♐29	20°46	8°26	8°21	29°37	27°17	15°39	25°D15	24°16	11° 8	10°17	25°55	6° 2	T 24
W25	10 57 47	16°15'45	16° 5	21° 7	9°38	9° 7	29°49	27°R17	15°41	25°15	24°17	11°D 7	10°14	26° 1	6° 6	W25
T 26	11 1 44	17°15'34	29° 2	21°33	10°50	9°52	0♑ 2	27°17	15°43	25°15	24°19	11° 7	10°10	26° 8	6°10	T 26
F 27	11 5 40	18°15'21	12♑24	22° 4	12° 2	10°37	0°14	27°16	15°46	25°15	24°20	11°R 7	10° 7	26°15	6°14	F 27
S 28	11 9 37	19♓15'07	26♑15	22♒39	13♒15	11♈22	0♑27	27♏16	15♑48	25♊15	24♓22	11♋ 7	10♋ 4	26♍21	6♓18	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 9	21s19	1s44	7s 9	2n54	21s41	1n22	4s18	0s42	8n50	1s 5	17s24	2n 8	23s 4	0s23	22n14	1s11	17s 2	15s53	22n51	23n 0	7n 8	5s 7	5n 6
M 2	13 49	18 27	2 55	7 8	3 7	21 38	1 19	3 59	0 41	8 53	1 4	17 25	2 8	23 4	0 23	22 14	1 11	17 1	15 53	22 51	23 0	7 6	5 6	5 6
T 3	13 29	14 19	3 55	7 11	3 18	21 35	1 15	3 40	0 41	8 57	1 4	17 25	2 9	23 3	0 23	22 14	1 11	17 1	15 52	22 52	23 0	7 4	5 4	5 6
W 4	13 9	9 14	4 39	7 18	3 28	21 31	1 11	3 21	0 40	9 1	1 4	17 25	2 9	23 3	0 23	22 14	1 11	17 0	15 52	22 52	23 1	7 1	5 3	5 6
T 5	12 48	3 37	5 4	7 30	3 35	21 27	1 7	3 2	0 39	9 5	1 4	17 26	2 9	23 3	0 23	22 14	1 11	16 59	15 52	22 53	23 1	6 59	5 2	5 6
F 6	12 28	2n 8	5 8	7 45	3 41	21 22	1 4	2 43	0 39	9 9	1 3	17 26	2 9	23 3	0 23	22 14	1 11	16 58	15 52	22 54	23 1	6 56	5 0	5 6
S 7	12 7	7 38	4 51	8 4	3 44	21 17	1 0	2 24	0 38	9 13	1 3	17 26	2 9	23 2	0 23	22 14	1 11	16 58	15 52	22 54	23 1	6 54	4 59	5 6
S 8	11 46	12 35	4 18	8 25	3 45	21 11	0 56	2 5	0 37	9 17	1 3	17 26	2 10	23 2	0 23	22 14	1 11	16 57	15 52	22 54	23 2	6 51	4 58	5 6
M 9	11 25	16 44	3 30	8 49	3 44	21 4	0 53	1 46	0 36	9 21	1 3	17 27	2 10	23 2	0 23	22 14	1 11	16 56	15 52	22 54	23 2	6 49	4 56	5 6
T 10	11 3	19 55	2 32	9 14	3 40	20 57	0 49	1 28	0 36	9 25	1 3	17 27	2 10	23 1	0 23	22 14	1 11	16 56	15 51	22 54	23 2	6 46	4 55	5 5
W11	10 42	21 58	1 28	9 40	3 35	20 49	0 45	1 9	0 35	9 30	1 2	17 27	2 10	23 1	0 23	22 14	1 11	16 55	15 51	22 54	23 2	6 44	4 54	5 5
T 12	10 20	22 52	0 21	10 6	3 27	20 40	0 42	0 50	0 34	9 34	1 2	17 27	2 10	23 1	0 23	22 14	1 11	16 54	15 51	22 54	23 3	6 42	4 52	5 5
F 13	9 58	22 35	0n46	10 33	3 19	20 31	0 38	0 31	0 34	9 38	1 2	17 27	2 10	23 1	0 23	22 14	1 11	16 54	15 51	22 54	23 3	6 39	4 51	5 5
S 14	9 36	21 13	1 50	10 58	3 8	20 21	0 34	0 12	0 33	9 42	1 2	17 27	2 11	23 0	0 23	22 14	1 11	16 53	15 51	22 54	23 3	6 37	4 50	5 5
S 15	9 14	18 53	2 47	11 22	2 57	20 11	0 31	0n 7	0 32	9 47	1 2	17 27	2 11	23 0	0 23	22 14	1 11	16 52	15 51	22 55	23 3	6 34	4 48	5 5
M16	8 52	15 45	3 37	11 46	2 44	20 0	0 27	0 26	0 32	9 51	1 1	17 27	2 11	23 0	0 23	22 14	1 11	16 52	15 51	22 56	23 4	6 32	4 47	5 5
T 17	8 29	11 59	4 17	12 7	2 31	19 49	0 23	0 44	0 31	9 55	1 1	17 27	2 11	22 59	0 23	22 14	1 11	16 51	15 51	22 56	23 4	6 29	4 45	5 5
W18	8 7	7 47	4 45	12 27	2 18	19 37	0 20	1 3	0 30	9 59	1 1	17 27	2 11	22 59	0 23	22 14	1 10	16 50	15 51	22 57	23 4	6 27	4 44	5 5
T 19	7 44	3 18	5 0	12 45	2 4	19 24	0 16	1 22	0 30	10 4	1 1	17 27	2 12	22 59	0 23	22 14	1 10	16 50	15 51	22 58	23 4	6 24	4 43	5 5
F 20	7 21	1s19	5 3	13 1	1 50	19 11	0 13	1 41	0 29	10 8	1 1	17 27	2 12	22 59	0 23	22 14	1 10	16 49	15 51	22 59	23 5	6 22	4 41	5 5
S 21	6 58	5 53	4 53	13 15	1 36	18 57	0 9	1 59	0 28	10 13	1 0	17 27	2 12	22 58	0 23	22 14	1 10	16 48	15 50	23 0	23 5	6 19	4 40	5 5
S 22	6 35	10 17	4 29	13 27	1 22	18 43	0 6	2 18	0 28	10 17	1 0	17 27	2 12	22 58	0 23	22 14	1 10	16 48	15 50	23 1	23 5	6 17	4 38	5 5
M23	6 12	14 20	3 53	13 37	1 8	18 28	0 2	2 37	0 27	10 21	1 0	17 27	2 12	22 58	0 23	22 14	1 10	16 47	15 50	23 1	23 5	6 15	4 37	5 5
T 24	5 49	17 51	3 6	13 45	0 55	18 13	0s 1	2 55	0 26	10 26	1 0	17 27	2 12	22 58	0 23	22 14	1 10	16 47	15 50	23 2	23 6	6 12	4 35	5 5
W25	5 26	20 37	2 9	13 50	0 41	17 57	0 4	3 14	0 26	10 30	1 0	17 27	2 13	22 58	0 24	22 14	1 10	16 46	15 50	23 2	23 6	6 10	4 34	5 5
T 26	5 3	22 26	1 4	13 54	0 28	17 41	0 8	3 32	0 25	10 35	0 59	17 26	2 13	22 57	0 24	22 14	1 10	16 45	15 50	23 2	23 6	6 7	4 33	5 5
F 27	4 39	23 2	0s 7	13 56	0 16	17 24	0 11	3 51	0 24	10 39	0 59	17 26	2 13	22 57	0 24	22 15	1 10	16 45	15 50	23 2	23 6	6 5	4 31	5 5
S 28	4s16	22s15	1s20	13s56	0n 3	17s 7	0s14	4n 9	0s23	10n44	0s59	17s26	2n13	22s57	0s24	22n15	1s10	16s44	15s50	23n 2	23n 7	6n 2	4s30	5n 5

Julian Day Number = 2295627.5, Delta T = 132.65 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°46'58, Lahiri = 17°53'59 Julian Calendar 1 Feb. 1573 == Greg. Calendar 11 Feb. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

MARCH 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 13 33	20♓14'50	10♒34	23♒19	14♒27	12♈ 7	0♉39	27°R16	15♑50	25♊15	24♓23	11°R 3	10♋ 1	26♍28	6♓22	S 1
M 2	11 17 30	21°14'32	25°20	24° 2	15°39	12°53	0°52	27♏15	15°52	25°15	24°25	10♋58	9°58	26°35	6°26	M 2
T 3	11 21 27	22°14'12	10♓27	24°49	16°52	13°38	1° 4	27°15	15°54	25°15	24°26	10°50	9°54	26°42	6°29	T 3
W 4	11 25 23	23°13'51	25°46	25°39	18° 4	14°23	1°17	27°14	15°55	25°16	24°28	10°39	9°51	26°48	6°33	W 4
T 5	11 29 20	24°13'26	11♈ 6	26°33	19°17	15° 8	1°30	27°13	15°57	25°16	24°29	10°29	9°48	26°55	6°37	T 5
F 6	11 33 16	25°13'00	26°14	27°29	20°29	15°52	1°43	27°12	15°59	25°16	24°31	10°19	9°45	27° 2	6°41	F 6
S 7	11 37 13	26°12'32	11♉ 2	28°28	21°41	16°37	1°56	27°11	16° 1	25°16	24°33	10°10	9°42	27° 9	6°45	S 7
S 8	11 41 9	27°12'01	25°22	29°30	22°54	17°22	2° 9	27°10	16° 2	25°17	24°34	10° 4	9°39	27°15	6°49	S 8
M 9	11 45 6	28°11'29	9♊14	0♓35	24° 6	18° 7	2°22	27° 9	16° 4	25°17	24°36	10° 1	9°35	27°22	6°52	M 9
T 10	11 49 2	29°10'54	22°37	1°42	25°19	18°52	2°35	27° 8	16° 6	25°18	24°37	10° 0	9°32	27°29	6°56	T 10
W11	11 52 59	0♈10'16	5♋34	2°51	26°32	19°36	2°48	27° 6	16° 7	25°18	24°39	10° 0	9°29	27°35	7° 0	W11
T 12	11 56 56	1° 9'36	18°10	4° 2	27°44	20°21	3° 1	27° 5	16° 9	25°19	24°40	10° 0	9°26	27°42	7° 3	T 12
F 13	12 0 52	2° 8'54	0♌29	5°15	28°57	21° 6	3°14	27° 3	16°10	25°19	24°42	9°58	9°23	27°49	7° 7	F 13
S 14	12 4 49	3° 8'09	12°36	6°31	0♓ 9	21°50	3°28	27° 2	16°12	25°20	24°43	9°55	9°20	27°56	7°11	S 14
S 15	12 8 45	4° 7'23	24°35	7°48	1°22	22°34	3°41	27° 0	16°13	25°20	24°45	9°48	9°16	28° 2	7°14	S 15
M16	12 12 42	5° 6'34	6♍30	9° 7	2°35	23°19	3°54	26°58	16°14	25°21	24°46	9°39	9°13	28° 9	7°18	M16
T 17	12 16 38	6° 5'42	18°22	10°29	3°47	24° 3	4° 8	26°56	16°16	25°22	24°48	9°27	9°10	28°16	7°22	T 17
W18	12 20 35	7° 4'49	0♎14	11°51	5° 0	24°48	4°21	26°54	16°17	25°22	24°49	9°13	9° 7	28°22	7°25	W18
T 19	12 24 31	8° 3'53	12° 7	13°16	6°13	25°32	4°35	26°52	16°18	25°23	24°51	8°59	9° 4	28°29	7°29	T 19
F 20	12 28 28	9° 2'56	24° 4	14°42	7°25	26°16	4°48	26°50	16°19	25°24	24°52	8°44	9° 0	28°36	7°32	F 20
S 21	12 32 24	10° 1'56	6♏ 4	16°10	8°38	27° 0	5° 2	26°48	16°20	25°25	24°53	8°32	8°57	28°43	7°36	S 21
S 22	12 36 21	11° 0'54	18° 9	17°39	9°51	27°44	5°16	26°45	16°21	25°26	24°55	8°22	8°54	28°49	7°39	S 22
M23	12 40 18	11°59'51	0♐23	19°11	11° 3	28°28	5°29	26°43	16°22	25°26	24°56	8°15	8°51	28°56	7°43	M23
T 24	12 44 14	12°58'46	12°47	20°43	12°16	29°13	5°43	26°40	16°23	25°27	24°58	8°10	8°48	29° 3	7°46	T 24
W25	12 48 11	13°57'39	25°24	22°18	13°29	29°56	5°57	26°38	16°24	25°28	24°59	8° 8	8°45	29° 9	7°49	W25
T 26	12 52 7	14°56'31	8♑20	23°53	14°42	0♉40	6°11	26°35	16°25	25°29	25° 1	8° 8	8°41	29°16	7°53	T 26
F 27	12 56 4	15°55'20	21°36	25°31	15°55	1°24	6°24	26°32	16°26	25°30	25° 2	8° 8	8°38	29°23	7°56	F 27
S 28	13 0 0	16°54'08	5♒17	27°10	17° 7	2° 8	6°38	26°29	16°26	25°31	25° 4	8° 7	8°35	29°30	7°59	S 28
S 29	13 3 57	17°52'54	19°25	28°50	18°20	2°52	6°52	26°26	16°27	25°32	25° 5	8° 4	8°32	29°36	8° 3	S 29
M30	13 7 53	18°51'39	3♓58	0♈33	19°33	3°36	7° 6	26°23	16°28	25°33	25° 6	7°59	8°29	29°43	8° 6	M30
T 31	13 11 50	19♈50'22	18♓53	2♈16	20♓46	4♉19	7♉20	26♏20	16♑28	25♊34	25♓ 8	7♋51	8♋25	29♍50	8♓ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s52	20s 2	2s30	13s55	0s 8	16s49	0s17	4n27	0s23	10n48	0s59	17s26	2n13	22s57	0s24	22n15	1s10	16s43	15s50	23n 2	23n 7	6n 0	4s28	5n 5
M 2	3 29	16 25	3 32	13 51	0 20	16 30	0 21	4 45	0 22	10 53	0 59	17 26	2 13	22 56	0 24	22 15	1 10	16 43	15 50	23 2	23 7	5 57	4 27	5 5
T 3	3 5	11 41	4 21	13 46	0 31	16 12	0 24	5 4	0 21	10 57	0 59	17 25	2 14	22 56	0 24	22 15	1 10	16 42	15 50	23 3	23 7	5 55	4 25	5 5
W 4	2 42	6 8	4 51	13 39	0 41	15 52	0 27	5 22	0 21	11 2	0 59	17 25	2 14	22 56	0 24	22 15	1 10	16 42	15 50	23 4	23 8	5 52	4 24	5 5
T 5	2 18	0 13	5 1	13 30	0 51	15 33	0 30	5 40	0 20	11 7	0 58	17 25	2 14	22 56	0 24	22 15	1 10	16 41	15 50	23 5	23 8	5 50	4 23	5 5
F 6	1 54	5n39	4 50	13 19	1 1	15 13	0 33	5 58	0 19	11 11	0 58	17 24	2 14	22 56	0 24	22 15	1 10	16 40	15 50	23 6	23 8	5 47	4 21	5 5
S 7	1 31	11 4	4 19	13 7	1 10	14 52	0 36	6 16	0 19	11 16	0 58	17 24	2 14	22 55	0 24	22 15	1 10	16 40	15 50	23 6	23 8	5 45	4 20	5 5
S 8	1 7	15 42	3 33	12 53	1 18	14 31	0 38	6 33	0 18	11 20	0 58	17 23	2 14	22 55	0 24	22 15	1 10	16 39	15 50	23 7	23 9	5 42	4 18	5 5
M 9	0 43	19 20	2 35	12 38	1 26	14 10	0 41	6 51	0 17	11 25	0 58	17 23	2 15	22 55	0 24	22 15	1 10	16 39	15 50	23 7	23 9	5 40	4 17	5 5
T 10	0 20	21 47	1 31	12 21	1 34	13 48	0 44	7 9	0 17	11 30	0 58	17 23	2 15	22 55	0 24	22 15	1 9	16 38	15 50	23 7	23 9	5 37	4 16	5 5
W11	0n 4	22 59	0 23	12 3	1 41	13 26	0 47	7 26	0 16	11 34	0 57	17 22	2 15	22 55	0 24	22 15	1 9	16 38	15 50	23 7	23 9	5 35	4 14	5 5
T 12	0 28	22 58	0n43	11 43	1 47	13 3	0 49	7 44	0 15	11 39	0 57	17 22	2 15	22 55	0 24	22 15	1 9	16 37	15 50	23 7	23 9	5 32	4 13	5 5
F 13	0 51	21 49	1 46	11 22	1 54	12 41	0 52	8 1	0 15	11 44	0 57	17 21	2 15	22 55	0 24	22 15	1 9	16 36	15 50	23 7	23 10	5 30	4 11	5 5
S 14	1 15	19 40	2 43	10 59	1 59	12 17	0 54	8 19	0 14	11 48	0 57	17 21	2 15	22 54	0 24	22 15	1 9	16 36	15 50	23 7	23 10	5 27	4 10	5 5
S 15	1 39	16 41	3 32	10 35	2 4	11 54	0 57	8 36	0 13	11 53	0 57	17 20	2 16	22 54	0 24	22 16	1 9	16 35	15 51	23 8	23 10	5 25	4 8	5 6
M16	2 2	13 2	4 11	10 10	2 9	11 30	0 59	8 53	0 13	11 58	0 57	17 19	2 16	22 54	0 24	22 16	1 9	16 35	15 51	23 9	23 10	5 22	4 7	5 6
T 17	2 26	8 54	4 40	9 43	2 13	11 6	1 1	9 10	0 12	12 2	0 57	17 19	2 16	22 54	0 24	22 16	1 9	16 34	15 51	23 9	23 11	5 20	4 6	5 6
W18	2 49	4 26	4 56	9 14	2 17	10 41	1 4	9 27	0 11	12 7	0 56	17 18	2 16	22 54	0 24	22 16	1 9	16 34	15 51	23 10	23 11	5 17	4 4	5 6
T 19	3 12	0s13	4 59	8 45	2 20	10 16	1 6	9 44	0 11	12 12	0 56	17 18	2 16	22 54	0 24	22 16	1 9	16 33	15 51	23 11	23 11	5 14	4 3	5 6
F 20	3 36	4 53	4 49	8 14	2 23	9 51	1 8	10 1	0 10	12 16	0 56	17 17	2 16	22 54	0 24	22 16	1 9	16 33	15 51	23 12	23 11	5 12	4 2	5 6
S 21	3 59	9 23	4 26	7 42	2 25	9 26	1 10	10 17	0 9	12 21	0 56	17 16	2 16	22 54	0 24	22 16	1 9	16 32	15 51	23 13	23 11	5 9	4 0	5 6
S 22	4 22	13 35	3 51	7 8	2 27	9 0	1 12	10 34	0 9	12 26	0 56	17 16	2 17	22 53	0 24	22 16	1 9	16 32	15 51	23 14	23 12	5 7	3 59	5 6
M23	4 45	17 16	3 5	6 34	2 28	8 34	1 14	10 50	0 8	12 30	0 56	17 15	2 17	22 53	0 24	22 16	1 9	16 31	15 51	23 14	23 12	5 4	3 57	5 6
T 24	5 8	20 14	2 10	5 58	2 29	8 8	1 16	11 6	0 7	12 35	0 56	17 14	2 17	22 53	0 24	22 16	1 9	16 31	15 51	23 15	23 12	5 2	3 56	5 6
W25	5 31	22 18	1 7	5 21	2 29	7 42	1 17	11 23	0 7	12 40	0 56	17 14	2 17	22 53	0 24	22 16	1 9	16 30	15 51	23 15	23 12	4 59	3 55	5 7
T 26	5 54	23 15	0s 1	4 42	2 29	7 15	1 19	11 39	0 6	12 44	0 55	17 13	2 17	22 53	0 24	22 16	1 9	16 30	15 52	23 15	23 13	4 57	3 53	5 7
F 27	6 17	22 55	1 11	4 3	2 28	6 49	1 21	11 55	0 5	12 49	0 55	17 12	2 17	22 53	0 24	22 16	1 9	16 29	15 52	23 15	23 13	4 54	3 52	5 7
S 28	6 39	21 13	2 18	3 22	2 26	6 22	1 22	12 10	0 5	12 54	0 55	17 11	2 17	22 53	0 24	22 16	1 9	16 29	15 52	23 15	23 13	4 52	3 51	5 7
S 29	7 2	18 11	3 20	2 40	2 25	5 54	1 24	12 26	0 4	12 58	0 55	17 11	2 17	22 53	0 24	22 17	1 9	16 29	15 52	23 15	23 13	4 49	3 49	5 7
M30	7 24	13 57	4 10	1 57	2 22	5 27	1 25	12 42	0 3	13 3	0 55	17 10	2 17	22 53	0 24	22 17	1 9	16 28	15 52	23 15	23 13	4 47	3 48	5 7
T 31	7n47	8s46	4s45	1s14	2s19	5s 0	1s26	12n57	0s 3	13n 8	0s55	17s 9	2n18	22s53	0s24	22n17	1s 9	16s28	15s52	23n16	23n14	4n44	3s47	5n 7

Julian Day Number = 2295655.5, Delta T = 132.50 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'02, Lahiri = 17°54'03 Julian Calendar 1 March 1573 == Greg. Calendar 11 March 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

APRIL 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 15 47	20♈49'02	4♈ 4	4♈ 2	21♓59	5♉ 3	7♉34	26°R17	16♏29	25♊36	25♓ 9	7°R41	8♋22	29♍57	8♓12	W 1
T 2	13 19 43	21°47'41	19°19	5°49	23°12	5°47	7°48	26♏14	16°29	25°37	25°11	7♋30	8°19	0♎ 3	8°15	T 2
F 3	13 23 40	22°46'18	4♉28	7°37	24°25	6°30	8° 2	26°11	16°30	25°38	25°12	7°20	8°16	0°10	8°18	F 3
S 4	13 27 36	23°44'53	19°20	9°27	25°38	7°14	8°16	26° 7	16°30	25°39	25°13	7°11	8°13	0°17	8°21	S 4
S 5	13 31 33	24°43'26	3♊49	11°19	26°50	7°57	8°30	26° 4	16°31	25°40	25°15	7° 5	8°10	0°23	8°24	S 5
M 6	13 35 29	25°41'57	17°48	13°12	28° 3	8°41	8°44	26° 0	16°31	25°42	25°16	7° 1	8° 6	0°30	8°27	M 6
T 7	13 39 26	26°40'26	1♋19	15° 7	29°16	9°24	8°58	25°57	16°31	25°43	25°17	7°D 0	8° 3	0°37	8°30	T 7
W 8	13 43 22	27°38'53	14°22	17° 4	0♈29	10° 7	9°13	25°53	16°31	25°44	25°19	7° 0	8° 0	0°44	8°33	W 8
T 9	13 47 19	28°37'17	27° 1	19° 2	1°42	10°50	9°27	25°49	16°31	25°46	25°20	7°R 0	7°57	0°50	8°36	T 9
F 10	13 51 16	29°35'40	9♌21	21° 2	2°55	11°34	9°41	25°46	16°31	25°47	25°21	7° 0	7°54	0°57	8°39	F 10
S 11	13 55 12	0♉34'00	21°27	23° 3	4° 8	12°17	9°55	25°42	16°R31	25°49	25°23	6°57	7°51	1° 4	8°42	S 11
S 12	13 59 9	1°32'18	3♍25	25° 6	5°21	13° 0	10° 9	25°38	16°31	25°50	25°24	6°53	7°47	1°11	8°44	S 12
M13	14 3 5	2°30'34	15°17	27°10	6°34	13°43	10°23	25°34	16°31	25°51	25°25	6°46	7°44	1°17	8°47	M13
T 14	14 7 2	3°28'48	27° 8	29°15	7°47	14°26	10°38	25°30	16°31	25°53	25°26	6°37	7°41	1°24	8°50	T 14
W15	14 10 58	4°27'00	9♎ 1	1♉22	9° 0	15° 9	10°52	25°26	16°31	25°54	25°28	6°26	7°38	1°31	8°52	W15
T 16	14 14 55	5°25'10	20°58	3°30	10°13	15°52	11° 6	25°22	16°31	25°56	25°29	6°14	7°35	1°37	8°55	T 16
F 17	14 18 51	6°23'19	3♏ 0	5°38	11°26	16°34	11°20	25°18	16°30	25°58	25°30	6° 3	7°31	1°44	8°57	F 17
S 18	14 22 48	7°21'25	15° 9	7°48	12°39	17°17	11°35	25°14	16°30	25°59	25°31	5°53	7°28	1°51	9° 0	S 18
S 19	14 26 45	8°19'30	27°26	9°57	13°52	18° 0	11°49	25°10	16°30	26° 1	25°32	5°45	7°25	1°58	9° 2	S 19
M20	14 30 41	9°17'34	9♐52	12° 8	15° 5	18°43	12° 3	25° 6	16°29	26° 2	25°34	5°40	7°22	2° 4	9° 5	M20
T 21	14 34 38	10°15'36	22°28	14°18	16°18	19°25	12°17	25° 2	16°29	26° 4	25°35	5°37	7°19	2°11	9° 7	T 21
W22	14 38 34	11°13'36	5♑17	16°27	17°31	20° 8	12°32	24°57	16°28	26° 6	25°36	5°D36	7°16	2°18	9° 9	W22
T 23	14 42 31	12°11'35	18°20	18°36	18°44	20°50	12°46	24°53	16°28	26° 7	25°37	5°36	7°12	2°24	9°12	T 23
F 24	14 46 27	13° 9'33	1♒39	20°45	19°57	21°33	13° 0	24°49	16°27	26° 9	25°38	5°37	7° 9	2°31	9°14	F 24
S 25	14 50 24	14° 7'30	15°18	22°52	21°10	22°15	13°14	24°44	16°26	26°11	25°39	5°R38	7° 6	2°38	9°16	S 25
S 26	14 54 20	15° 5'25	29°17	24°58	22°23	22°58	13°29	24°40	16°26	26°13	25°40	5°37	7° 3	2°45	9°18	S 26
M27	14 58 17	16° 3'19	13♓37	27° 2	23°36	23°40	13°43	24°36	16°25	26°14	25°41	5°34	7° 0	2°51	9°20	M27
T 28	15 2 14	17° 1'11	28°14	29° 4	24°49	24°22	13°57	24°31	16°24	26°16	25°42	5°29	6°57	2°58	9°22	T 28
W29	15 6 10	17°59'03	13♈ 4	1♊ 4	26° 2	25° 5	14°11	24°27	16°23	26°18	25°43	5°23	6°53	3° 5	9°24	W29
T 30	15 10 7	18♉56'53	27♈59	3♊ 1	27♈15	25♉47	14♉26	24♏22	16♏22	26♊20	25♓44	5♋16	6♋50	3♎12	9♓26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 9	2s58	5s 0	0s29	2s16	4s32	1s28	13n12	0s 2	13n12	0s55	17s 8	2n18	22s53	0s24	22n17	1s 8	16s27	15s52	23n16	23n14	4n41	3s45	5n 7
T 2	8 31	3n 2	4 55	0n17	2 12	4 4	1 29	13 28	0 1	13 17	0 55	17 7	2 18	22 53	0 24	22 17	1 8	16 27	15 53	23 17	23 14	4 39	3 44	5 8
F 3	8 53	8 50	4 28	1 4	2 8	3 36	1 30	13 43	0 1	13 21	0 55	17 6	2 18	22 53	0 25	22 17	1 8	16 26	15 53	23 17	23 14	4 36	3 43	5 8
S 4	9 14	14 1	3 44	1 52	2 3	3 8	1 31	13 57	0n 0	13 26	0 55	17 6	2 18	22 53	0 25	22 17	1 8	16 26	15 53	23 18	23 14	4 34	3 42	5 8
S 5	9 36	18 14	2 46	2 41	1 58	2 40	1 32	14 12	0 1	13 31	0 54	17 5	2 18	22 53	0 25	22 17	1 8	16 26	15 53	23 18	23 15	4 31	3 40	5 8
M 6	9 57	21 16	1 40	3 31	1 52	2 12	1 33	14 27	0 1	13 35	0 54	17 4	2 18	22 53	0 25	22 17	1 8	16 25	15 53	23 18	23 15	4 29	3 39	5 8
T 7	10 19	22 59	0 30	4 21	1 45	1 43	1 34	14 41	0 2	13 40	0 54	17 3	2 18	22 53	0 25	22 17	1 8	16 25	15 54	23 19	23 15	4 26	3 38	5 8
W 8	10 40	23 22	0n39	5 12	1 38	1 15	1 34	14 56	0 3	13 44	0 54	17 2	2 18	22 53	0 25	22 17	1 8	16 25	15 54	23 19	23 15	4 23	3 37	5 9
T 9	11 1	22 31	1 44	6 4	1 31	0 46	1 35	15 10	0 3	13 49	0 54	17 1	2 18	22 53	0 25	22 17	1 8	16 24	15 54	23 19	23 15	4 21	3 35	5 9
F 10	11 21	20 34	2 43	6 56	1 23	0 18	1 36	15 24	0 4	13 54	0 54	17 0	2 18	22 53	0 25	22 18	1 8	16 24	15 54	23 19	23 16	4 18	3 34	5 9
S 11	11 42	17 45	3 33	7 49	1 15	0n11	1 36	15 38	0 5	13 58	0 54	16 59	2 19	22 53	0 25	22 18	1 8	16 24	15 54	23 19	23 16	4 16	3 33	5 9
S 12	12 2	14 13	4 13	8 42	1 6	0 39	1 37	15 52	0 5	14 3	0 54	16 58	2 19	22 53	0 25	22 18	1 8	16 23	15 55	23 19	23 16	4 13	3 32	5 9
M13	12 22	10 9	4 42	9 36	0 57	1 8	1 37	16 5	0 6	14 7	0 54	16 57	2 19	22 53	0 25	22 18	1 8	16 23	15 55	23 19	23 16	4 11	3 31	5 9
T 14	12 42	5 43	4 59	10 30	0 48	1 36	1 37	16 19	0 6	14 12	0 54	16 56	2 19	22 53	0 25	22 18	1 8	16 23	15 55	23 20	23 16	4 8	3 30	5 10
W15	13 2	1 3	5 3	11 23	0 38	2 5	1 37	16 32	0 7	14 16	0 54	16 55	2 19	22 53	0 25	22 18	1 8	16 22	15 55	23 20	23 16	4 5	3 28	5 10
T 16	13 22	3s40	4 53	12 16	0 28	2 33	1 38	16 45	0 8	14 21	0 53	16 54	2 19	22 53	0 25	22 18	1 8	16 22	15 55	23 21	23 17	4 3	3 27	5 10
F 17	13 41	8 18	4 31	13 9	0 18	3 2	1 38	16 58	0 8	14 25	0 53	16 53	2 19	22 53	0 25	22 18	1 8	16 22	15 56	23 21	23 17	4 0	3 26	5 10
S 18	14 0	12 40	3 56	14 2	0 7	3 31	1 38	17 11	0 9	14 30	0 53	16 52	2 19	22 53	0 25	22 18	1 8	16 22	15 56	23 22	23 17	3 58	3 25	5 10
S 19	14 19	16 34	3 9	14 53	0n 3	3 59	1 38	17 23	0 10	14 34	0 53	16 51	2 19	22 53	0 25	22 18	1 8	16 21	15 56	23 22	23 17	3 55	3 24	5 11
M20	14 37	19 47	2 13	15 44	0 14	4 27	1 37	17 36	0 10	14 39	0 53	16 50	2 19	22 53	0 25	22 18	1 8	16 21	15 56	23 22	23 17	3 52	3 23	5 11
T 21	14 56	22 7	1 10	16 33	0 25	4 56	1 37	17 48	0 11	14 43	0 53	16 49	2 19	22 53	0 25	22 19	1 8	16 21	15 57	23 23	23 18	3 50	3 22	5 11
W22	15 14	23 22	0 2	17 21	0 35	5 24	1 37	18 0	0 11	14 47	0 53	16 48	2 19	22 53	0 25	22 19	1 8	16 21	15 57	23 23	23 18	3 47	3 21	5 11
T 23	15 32	23 21	1s 8	18 8	0 45	5 52	1 36	18 12	0 12	14 52	0 53	16 47	2 19	22 54	0 25	22 19	1 8	16 21	15 57	23 23	23 18	3 45	3 20	5 11
F 24	15 49	22 2	2 15	18 52	0 56	6 20	1 36	18 24	0 13	14 56	0 53	16 46	2 19	22 54	0 25	22 19	1 8	16 20	15 58	23 22	23 18	3 42	3 19	5 12
S 25	16 7	19 25	3 17	19 35	1 5	6 48	1 36	18 35	0 13	15 1	0 53	16 45	2 19	22 54	0 25	22 19	1 8	16 20	15 58	23 22	23 18	3 39	3 18	5 12
S 26	16 24	15 37	4 8	20 15	1 15	7 16	1 35	18 47	0 14	15 5	0 53	16 44	2 19	22 54	0 25	22 19	1 7	16 20	15 58	23 23	23 18	3 37	3 17	5 12
M27	16 41	10 51	4 45	20 54	1 24	7 43	1 34	18 58	0 14	15 9	0 53	16 43	2 19	22 54	0 25	22 19	1 7	16 20	15 58	23 23	23 19	3 34	3 16	5 12
T 28	16 57	5 22	5 5	21 29	1 32	8 11	1 34	19 9	0 15	15 13	0 53	16 42	2 19	22 54	0 25	22 19	1 7	16 20	15 59	23 23	23 19	3 32	3 15	5 12
W29	17 14	0n29	5 5	22 3	1 40	8 38	1 33	19 20	0 16	15 18	0 53	16 41	2 19	22 54	0 25	22 19	1 7	16 20	15 59	23 23	23 19	3 29	3 14	5 13
T 30	17n30	6n22	4s44	22n34	1n47	9n 5	1s32	19n31	0n16	15n22	0s53	16s40	2n19	22s54	0s25	22n19	1s 7	16s19	15s59	23n23	23n19	3n26	3s13	5n13

Julian Day Number = 2295686.5, Delta T = 132.34 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'06, Lahiri = 17°54'07 Julian Calendar 1 Apr. 1573 == Greg. Calendar 11 Apr. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

MAY 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 14 3	19♉54'42	12♉52	4♊56	28♈28	26♉29	14♉40	24°R18	16°R21	26♊22	25♓45	5°R 9	6♋47	3♎18	9♓28	F 1
S 2	15 18 0	20°52'29	27°33	6°49	29°41	27°11	14°54	24♏13	16♑21	26°24	25°46	5♋ 3	6°44	3°25	9°30	S 2
S 3	15 21 56	21°50'15	11♊55	8°38	0♉54	27°53	15° 8	24° 9	16°19	26°26	25°47	4°59	6°41	3°32	9°31	S 3
M 4	15 25 53	22°48'00	25°53	10°25	2° 7	28°35	15°22	24° 5	16°18	26°28	25°48	4°57	6°37	3°38	9°33	M 4
T 5	15 29 49	23°45'43	9♋26	12° 8	3°20	29°17	15°37	24° 0	16°17	26°29	25°49	4°D57	6°34	3°45	9°35	T 5
W 6	15 33 46	24°43'24	22°32	13°49	4°34	29°59	15°51	23°56	16°16	26°31	25°50	4°58	6°31	3°52	9°36	W 6
T 7	15 37 43	25°41'04	5♌16	15°27	5°47	0♊41	16° 5	23°51	16°15	26°33	25°51	4°59	6°28	3°59	9°38	T 7
F 8	15 41 39	26°38'43	17°40	17° 1	7° 0	1°23	16°19	23°47	16°14	26°35	25°52	5° 1	6°25	4° 5	9°39	F 8
S 9	15 45 36	27°36'20	29°49	18°32	8°13	2° 5	16°33	23°42	16°12	26°37	25°53	5°R 1	6°22	4°12	9°41	S 9
S 10	15 49 32	28°33'55	11♍48	20° 0	9°26	2°46	16°47	23°38	16°11	26°39	25°53	5° 0	6°18	4°19	9°42	S 10
M11	15 53 29	29°31'29	23°41	21°24	10°39	3°28	17° 1	23°33	16°10	26°41	25°54	4°58	6°15	4°25	9°44	M11
T 12	15 57 25	0♊29'01	5♎34	22°46	11°52	4°10	17°15	23°29	16° 8	26°43	25°55	4°54	6°12	4°32	9°45	T 12
W13	16 1 22	1°26'32	17°29	24° 3	13° 5	4°51	17°29	23°24	16° 7	26°45	25°56	4°49	6° 9	4°39	9°46	W13
T 14	16 5 18	2°24'02	29°30	25°18	14°19	5°33	17°43	23°20	16° 5	26°48	25°56	4°43	6° 6	4°46	9°47	T 14
F 15	16 9 15	3°21'31	11♏39	26°29	15°32	6°14	17°57	23°16	16° 4	26°50	25°57	4°37	6° 2	4°52	9°48	F 15
S 16	16 13 12	4°18'58	23°59	27°36	16°45	6°56	18°11	23°11	16° 2	26°52	25°58	4°33	5°59	4°59	9°49	S 16
S 17	16 17 8	5°16'25	6♐30	28°40	17°58	7°37	18°25	23° 7	16° 1	26°54	25°58	4°29	5°56	5° 6	9°50	S 17
M18	16 21 5	6°13'50	19°12	29°40	19°11	8°19	18°39	23° 3	15°59	26°56	25°59	4°27	5°53	5°13	9°51	M18
T 19	16 25 1	7°11'15	2♑ 8	0♋37	20°24	9° 0	18°53	22°58	15°57	26°58	26° 0	4°D26	5°50	5°19	9°52	T 19
W20	16 28 58	8° 8'38	15°16	1°30	21°38	9°41	19° 7	22°54	15°56	27° 0	26° 0	4°26	5°47	5°26	9°53	W20
T 21	16 32 54	9° 6'01	28°37	2°18	22°51	10°22	19°20	22°50	15°54	27° 2	26° 1	4°27	5°43	5°33	9°54	T 21
F 22	16 36 51	10° 3'24	12♒11	3° 3	24° 4	11° 4	19°34	22°46	15°52	27° 4	26° 2	4°29	5°40	5°39	9°55	F 22
S 23	16 40 47	11° 0'45	25°58	3°44	25°17	11°45	19°48	22°42	15°50	27° 7	26° 2	4°30	5°37	5°46	9°55	S 23
S 24	16 44 44	11°58'07	9♓58	4°21	26°30	12°26	20° 2	22°38	15°48	27° 9	26° 3	4°R31	5°34	5°53	9°56	S 24
M25	16 48 41	12°55'27	24°10	4°53	27°44	13° 7	20°15	22°34	15°47	27°11	26° 3	4°30	5°31	6° 0	9°56	M25
T 26	16 52 37	13°52'47	8♈32	5°21	28°57	13°48	20°29	22°30	15°45	27°13	26° 4	4°29	5°28	6° 6	9°57	T 26
W27	16 56 34	14°50'07	22°59	5°45	0♊10	14°29	20°42	22°26	15°43	27°15	26° 4	4°27	5°24	6°13	9°57	W27
T 28	17 0 30	15°47'26	7♉29	6° 4	1°23	15°10	20°56	22°22	15°41	27°17	26° 5	4°25	5°21	6°20	9°58	T 28
F 29	17 4 27	16°44'45	21°56	6°19	2°37	15°51	21° 9	22°18	15°39	27°20	26° 5	4°22	5°18	6°27	9°58	F 29
S 30	17 8 23	17°42'04	6♊13	6°29	3°50	16°31	21°23	22°14	15°37	27°22	26° 5	4°20	5°15	6°33	9°58	S 30
S 31	17 12 20	18♊39'22	20♊16	6♋35	5♊ 3	17♊12	21♉36	22♏10	15♑35	27♊24	26♓ 6	4♋19	5♋12	6♎40	9♓59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n45	11n52	4s 4	23n 2	1n53	9n32	1s31	19n41	0n17	15n26	0s53	16s39	2n19	22s55	0s25	22n19	1s 7	16s19	15s59	23n24	23n19	3n24	3s12	5n13
S 2	18 1	16 36	3 8	23 27	1 59	9 59	1 30	19 52	0 17	15 30	0 52	16 38	2 19	22 55	0 25	22 19	1 7	16 19	16 0	23 24	23 19	3 21	3 11	5 13
S 3	18 16	20 16	2 1	23 50	2 4	10 25	1 29	20 2	0 18	15 35	0 52	16 37	2 19	22 55	0 25	22 20	1 7	16 19	16 0	23 24	23 20	3 18	3 10	5 14
M 4	18 31	22 37	0 49	24 11	2 9	10 52	1 28	20 12	0 19	15 39	0 52	16 36	2 19	22 55	0 25	22 20	1 7	16 19	16 0	23 24	23 20	3 16	3 10	5 14
T 5	18 45	23 34	0n24	24 29	2 12	11 18	1 27	20 21	0 19	15 43	0 52	16 34	2 19	22 55	0 25	22 20	1 7	16 19	16 1	23 24	23 20	3 13	3 9	5 14
W 6	19 0	23 9	1 34	24 45	2 15	11 43	1 26	20 31	0 20	15 47	0 52	16 33	2 19	22 55	0 25	22 20	1 7	16 19	16 1	23 24	23 20	3 11	3 8	5 14
T 7	19 13	21 32	2 37	24 58	2 17	12 9	1 24	20 40	0 20	15 51	0 52	16 32	2 19	22 55	0 25	22 20	1 7	16 19	16 1	23 24	23 20	3 8	3 7	5 15
F 8	19 27	18 55	3 31	25 9	2 18	12 34	1 23	20 50	0 21	15 55	0 52	16 31	2 19	22 56	0 25	22 20	1 7	16 19	16 2	23 24	23 20	3 5	3 6	5 15
S 9	19 40	15 32	4 14	25 17	2 18	12 59	1 22	20 59	0 22	15 59	0 52	16 30	2 19	22 56	0 26	22 20	1 7	16 19	16 2	23 24	23 20	3 3	3 6	5 15
S 10	19 53	11 33	4 46	25 24	2 18	13 24	1 20	21 7	0 22	16 3	0 52	16 29	2 18	22 56	0 26	22 20	1 7	16 19	16 2	23 24	23 21	3 0	3 5	5 15
M11	20 6	7 11	5 5	25 29	2 16	13 48	1 19	21 16	0 23	16 8	0 52	16 28	2 18	22 56	0 26	22 20	1 7	16 19	16 3	23 24	23 21	2 57	3 4	5 16
T 12	20 18	2 33	5 11	25 31	2 14	14 12	1 17	21 24	0 23	16 11	0 52	16 27	2 18	22 56	0 26	22 20	1 7	16 19	16 3	23 24	23 21	2 55	3 3	5 16
W13	20 30	2s12	5 3	25 32	2 11	14 36	1 16	21 33	0 24	16 15	0 52	16 26	2 18	22 57	0 26	22 20	1 7	16 19	16 3	23 24	23 21	2 52	3 3	5 16
T 14	20 41	6 55	4 43	25 32	2 7	14 59	1 14	21 41	0 24	16 19	0 52	16 25	2 18	22 57	0 26	22 20	1 7	16 19	16 4	23 25	23 21	2 49	3 2	5 16
F 15	20 53	11 25	4 9	25 29	2 2	15 22	1 12	21 49	0 25	16 23	0 52	16 24	2 18	22 57	0 26	22 20	1 7	16 19	16 4	23 25	23 21	2 47	3 1	5 17
S 16	21 3	15 32	3 23	25 25	1 57	15 45	1 11	21 56	0 26	16 27	0 52	16 23	2 18	22 57	0 26	22 21	1 7	16 19	16 4	23 25	23 22	2 44	3 1	5 17
S 17	21 14	19 2	2 27	25 20	1 50	16 7	1 9	22 4	0 26	16 31	0 52	16 22	2 18	22 57	0 26	22 21	1 7	16 19	16 5	23 25	23 22	2 42	3 0	5 17
M18	21 24	21 41	1 22	25 13	1 43	16 29	1 7	22 11	0 27	16 35	0 52	16 21	2 18	22 58	0 26	22 21	1 7	16 19	16 5	23 25	23 22	2 39	2 59	5 17
T 19	21 34	23 16	0 13	25 5	1 35	16 51	1 5	22 18	0 27	16 39	0 52	16 20	2 18	22 58	0 26	22 21	1 7	16 19	16 5	23 25	23 22	2 36	2 59	5 18
W20	21 43	23 36	0s59	24 55	1 26	17 12	1 3	22 25	0 28	16 43	0 52	16 19	2 18	22 58	0 26	22 21	1 7	16 19	16 6	23 25	23 22	2 34	2 58	5 18
T 21	21 52	22 35	2 9	24 45	1 17	17 32	1 1	22 31	0 28	16 46	0 52	16 18	2 17	22 58	0 26	22 21	1 7	16 19	16 6	23 25	23 22	2 31	2 58	5 18
F 22	22 1	20 16	3 13	24 34	1 6	17 52	0 59	22 38	0 29	16 50	0 52	16 17	2 17	22 59	0 26	22 21	1 7	16 19	16 6	23 25	23 22	2 28	2 57	5 18
S 23	22 9	16 45	4 6	24 22	0 55	18 12	0 57	22 44	0 29	16 54	0 52	16 17	2 17	22 59	0 26	22 21	1 7	16 19	16 7	23 25	23 22	2 26	2 57	5 19
S 24	22 17	12 16	4 46	24 9	0 43	18 31	0 55	22 50	0 30	16 58	0 52	16 16	2 17	22 59	0 26	22 21	1 7	16 19	16 7	23 25	23 23	2 23	2 56	5 19
M25	22 24	7 3	5 9	23 55	0 31	18 50	0 53	22 56	0 30	17 1	0 52	16 15	2 17	22 59	0 26	22 21	1 7	16 19	16 8	23 25	23 23	2 20	2 56	5 19
T 26	22 31	1 25	5 14	23 41	0 17	19 8	0 51	23 1	0 31	17 5	0 52	16 14	2 17	23 0	0 26	22 21	1 7	16 20	16 8	23 25	23 23	2 18	2 56	5 19
W27	22 38	4n20	4 58	23 26	0 4	19 26	0 49	23 7	0 32	17 8	0 52	16 13	2 17	23 0	0 26	22 21	1 7	16 20	16 8	23 25	23 23	2 15	2 55	5 20
T 28	22 44	9 53	4 24	23 10	0s11	19 43	0 47	23 12	0 32	17 12	0 52	16 12	2 16	23 0	0 26	22 21	1 7	16 20	16 9	23 25	23 23	2 12	2 55	5 20
F 29	22 50	14 52	3 33	22 55	0 26	20 0	0 45	23 17	0 33	17 16	0 52	16 11	2 16	23 0	0 26	22 21	1 7	16 20	16 9	23 25	23 23	2 10	2 54	5 20
S 30	22 55	18 57	2 29	22 39	0 41	20 16	0 42	23 22	0 33	17 19	0 52	16 10	2 16	23 1	0 26	22 21	1 7	16 20	16 9	23 25	23 23	2 7	2 54	5 20
S 31	23n 1	21n52	1s17	22n23	0s57	20n32	0s40	23n26	0n34	17n23	0s52	16s10	2n16	23s 1	0s26	22n21	1s 7	16s20	16s10	23n25	23n24	2n 4	2s54	5n21

Julian Day Number = 2295716.5, Delta T = 132.19 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'11, Lahiri = 17°54'11 Julian Calendar 1 May 1573 == Greg. Calendar 11 May 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

JUNE 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 16 16	19♊36'39	4♋ 1	6°R36	6♊17	17♊53	21♉50	22°R 6	15°R33	27♊26	26♓ 6	4°D19	5♋ 8	6♎47	9♓59	M 1
T 2	17 20 13	20°33'56	17°26	6♋32	7°30	18°34	22° 3	22♏ 3	15♑30	27°29	26° 6	4♋19	5° 5	6°53	9°59	T 2
W 3	17 24 10	21°31'12	0♌29	6°24	8°43	19°14	22°16	21°59	15°28	27°31	26° 7	4°20	5° 2	7° 0	9°R59	W 3
T 4	17 28 6	22°28'27	13°13	6°12	9°57	19°55	22°30	21°56	15°26	27°33	26° 7	4°21	4°59	7° 7	9°59	T 4
F 5	17 32 3	23°25'42	25°38	5°56	11°10	20°36	22°43	21°52	15°24	27°35	26° 7	4°22	4°56	7°14	9°59	F 5
S 6	17 35 59	24°22'56	7♍49	5°36	12°23	21°16	22°56	21°49	15°22	27°37	26° 8	4°23	4°53	7°20	9°59	S 6
S 7	17 39 56	25°20'09	19°50	5°12	13°37	21°57	23° 9	21°45	15°20	27°40	26° 8	4°23	4°49	7°27	9°58	S 7
M 8	17 43 52	26°17'21	1♎45	4°45	14°50	22°37	23°22	21°42	15°17	27°42	26° 8	4°R23	4°46	7°34	9°58	M 8
T 9	17 47 49	27°14'33	13°38	4°16	16° 4	23°18	23°35	21°39	15°15	27°44	26° 8	4°23	4°43	7°41	9°58	T 9
W10	17 51 45	28°11'45	25°35	3°44	17°17	23°58	23°48	21°36	15°13	27°46	26° 8	4°22	4°40	7°47	9°58	W10
T 11	17 55 42	29° 8'56	7♏39	3°10	18°31	24°38	24° 1	21°33	15°11	27°49	26° 8	4°22	4°37	7°54	9°57	T 11
F 12	17 59 39	0♋ 6'07	19°54	2°35	19°44	25°19	24°13	21°30	15° 8	27°51	26° 9	4°21	4°34	8° 1	9°57	F 12
S 13	18 3 35	1° 3'17	2♐22	1°59	20°57	25°59	24°26	21°27	15° 6	27°53	26° 9	4°21	4°30	8° 7	9°56	S 13
S 14	18 7 32	2° 0'27	15° 6	1°23	22°11	26°39	24°39	21°24	15° 4	27°55	26° 9	4°20	4°27	8°14	9°56	S 14
M15	18 11 28	2°57'37	28° 6	0°48	23°24	27°19	24°51	21°21	15° 1	27°58	26° 9	4°D20	4°24	8°21	9°55	M15
T 16	18 15 25	3°54'47	11♑23	0°13	24°38	27°59	25° 4	21°18	14°59	28° 0	26° 9	4°R20	4°21	8°28	9°54	T 16
W17	18 19 21	4°51'57	24°56	29♊41	25°51	28°39	25°16	21°16	14°57	28° 2	26°R 9	4°20	4°18	8°34	9°53	W17
T 18	18 23 18	5°49'06	8♒42	29°11	27° 5	29°20	25°29	21°13	14°54	28° 4	26° 9	4°20	4°14	8°41	9°53	T 18
F 19	18 27 15	6°46'16	22°40	28°44	28°18	29°59	25°41	21°11	14°52	28° 6	26° 9	4°20	4°11	8°48	9°52	F 19
S 20	18 31 11	7°43'26	6♓46	28°20	29°32	0♋40	25°53	21° 8	14°50	28° 9	26° 9	4°20	4° 8	8°54	9°51	S 20
S 21	18 35 8	8°40'37	20°58	27°59	0♋46	1°20	26° 6	21° 6	14°47	28°11	26° 9	4°19	4° 5	9° 1	9°50	S 21
M22	18 39 4	9°37'48	5♈13	27°43	1°59	1°59	26°18	21° 4	14°45	28°13	26° 8	4°D19	4° 2	9° 8	9°49	M22
T 23	18 43 1	10°34'59	19°27	27°32	3°13	2°39	26°30	21° 2	14°42	28°15	26° 8	4°19	3°59	9°15	9°48	T 23
W24	18 46 57	11°32'11	3♉39	27°25	4°26	3°19	26°42	21° 0	14°40	28°17	26° 8	4°20	3°55	9°21	9°47	W24
T 25	18 50 54	12°29'23	17°46	27°D23	5°40	3°59	26°54	20°58	14°38	28°20	26° 8	4°20	3°52	9°28	9°45	T 25
F 26	18 54 50	13°26'36	1♊45	27°27	6°54	4°39	27° 5	20°56	14°35	28°22	26° 8	4°21	3°49	9°35	9°44	F 26
S 27	18 58 47	14°23'49	15°35	27°35	8° 7	5°18	27°17	20°54	14°33	28°24	26° 8	4°22	3°46	9°42	9°43	S 27
S 28	19 2 44	15°21'03	29°13	27°49	9°21	5°58	27°29	20°52	14°30	28°26	26° 7	4°R22	3°43	9°48	9°42	S 28
M29	19 6 40	16°18'17	12♋36	28° 8	10°35	6°38	27°40	20°51	14°28	28°28	26° 7	4°22	3°40	9°55	9°40	M29
T 30	19 10 37	17♋15'32	25♋45	28♊33	11♋49	7♋17	27♉52	20♏49	14♑25	28♊30	26♓ 7	4♋21	3♋36	10♎ 2	9♓39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 5	23n24	0s 2	22n 6	1s14	20n47	0s38	23n30	0n34	17n26	0s52	16s 9	2n16	23s 1	0s26	22n22	1s 7	16s21	16s10	23n25	23n24	2n 2	2s53	5n21
T 2	23 9	23 33	1n12	21 50	1 30	21 2	0 36	23 35	0 35	17 29	0 52	16 8	2 16	23 1	0 26	22 22	1 7	16 21	16 10	23 25	23 24	1 59	2 53	5 21
W 3	23 13	22 22	2 20	21 34	1 47	21 16	0 33	23 38	0 35	17 33	0 52	16 7	2 16	23 2	0 26	22 22	1 7	16 21	16 11	23 25	23 24	1 56	2 53	5 21
T 4	23 17	20 4	3 19	21 18	2 3	21 29	0 31	23 42	0 36	17 36	0 52	16 7	2 15	23 2	0 26	22 22	1 7	16 21	16 11	23 25	23 24	1 54	2 53	5 22
F 5	23 20	16 53	4 7	21 2	2 20	21 42	0 29	23 46	0 36	17 40	0 52	16 6	2 15	23 2	0 26	22 22	1 7	16 21	16 12	23 25	23 24	1 51	2 52	5 22
S 6	23 22	13 2	4 43	20 46	2 36	21 54	0 26	23 49	0 37	17 43	0 52	16 5	2 15	23 2	0 26	22 22	1 7	16 22	16 12	23 25	23 24	1 48	2 52	5 22
S 7	23 25	8 44	5 6	20 32	2 52	22 6	0 24	23 52	0 37	17 46	0 52	16 5	2 15	23 3	0 26	22 22	1 7	16 22	16 12	23 25	23 24	1 45	2 52	5 22
M 8	23 27	4 8	5 16	20 17	3 7	22 17	0 21	23 55	0 38	17 49	0 52	16 4	2 15	23 3	0 26	22 22	1 7	16 22	16 13	23 25	23 24	1 43	2 52	5 23
T 9	23 28	0s36	5 12	20 3	3 22	22 27	0 19	23 58	0 38	17 53	0 52	16 3	2 14	23 3	0 26	22 22	1 7	16 23	16 13	23 25	23 25	1 40	2 52	5 23
W10	23 29	5 20	4 55	19 51	3 36	22 37	0 17	24 0	0 39	17 56	0 52	16 3	2 14	23 3	0 26	22 22	1 7	16 23	16 13	23 25	23 25	1 37	2 52	5 23
T 11	23 29	9 55	4 25	19 39	3 49	22 46	0 14	24 2	0 39	17 59	0 52	16 2	2 14	23 4	0 26	22 22	1 7	16 23	16 14	23 25	23 25	1 35	2 52	5 23
F 12	23 30	14 11	3 42	19 28	4 1	22 54	0 12	24 4	0 40	18 2	0 52	16 1	2 14	23 4	0 26	22 22	1 7	16 23	16 14	23 25	23 25	1 32	2 52	5 24
S 13	23 29	17 56	2 48	19 18	4 11	23 2	0 9	24 6	0 40	18 5	0 52	16 1	2 14	23 4	0 26	22 22	1 7	16 24	16 15	23 25	23 25	1 29	2 52	5 24
S 14	23 29	20 56	1 45	19 9	4 20	23 9	0 7	24 8	0 41	18 8	0 52	16 0	2 13	23 5	0 26	22 22	1 7	16 24	16 15	23 25	23 25	1 27	2 52	5 24
M15	23 28	22 54	0 34	19 1	4 28	23 15	0 4	24 9	0 41	18 11	0 52	16 0	2 13	23 5	0 26	22 22	1 6	16 24	16 15	23 25	23 25	1 24	2 52	5 24
T 16	23 26	23 39	0s39	18 55	4 34	23 21	0 2	24 10	0 42	18 14	0 52	15 59	2 13	23 5	0 26	22 22	1 6	16 25	16 16	23 25	23 25	1 21	2 52	5 25
W17	23 24	23 1	1 52	18 51	4 39	23 26	0n 0	24 11	0 42	18 17	0 52	15 59	2 13	23 5	0 26	22 22	1 6	16 25	16 16	23 25	23 25	1 19	2 52	5 25
T 18	23 22	21 0	2 59	18 47	4 42	23 31	0 3	24 12	0 43	18 20	0 52	15 58	2 13	23 6	0 26	22 22	1 6	16 25	16 16	23 25	23 26	1 16	2 52	5 25
F 19	23 19	17 43	3 57	18 46	4 44	23 34	0 5	24 13	0 43	18 23	0 52	15 58	2 12	23 6	0 26	22 22	1 6	16 26	16 17	23 25	23 26	1 13	2 52	5 25
S 20	23 16	13 23	4 41	18 45	4 44	23 37	0 8	24 13	0 44	18 26	0 52	15 57	2 12	23 6	0 26	22 22	1 6	16 26	16 17	23 25	23 26	1 10	2 52	5 26
S 21	23 13	8 18	5 8	18 46	4 42	23 40	0 10	24 13	0 44	18 29	0 52	15 57	2 12	23 6	0 26	22 22	1 6	16 26	16 18	23 25	23 26	1 8	2 52	5 26
M22	23 9	2 46	5 17	18 49	4 39	23 41	0 12	24 13	0 44	18 32	0 52	15 57	2 12	23 7	0 26	22 22	1 6	16 27	16 18	23 25	23 26	1 5	2 52	5 26
T 23	23 4	2n55	5 6	18 53	4 35	23 42	0 15	24 13	0 45	18 35	0 52	15 56	2 12	23 7	0 26	22 23	1 6	16 27	16 18	23 25	23 26	1 2	2 52	5 26
W24	23 0	8 26	4 36	18 59	4 30	23 42	0 17	24 13	0 45	18 37	0 52	15 56	2 11	23 7	0 26	22 23	1 6	16 28	16 19	23 25	23 26	1 0	2 53	5 26
T 25	22 54	13 29	3 50	19 5	4 23	23 42	0 19	24 12	0 46	18 40	0 52	15 56	2 11	23 8	0 26	22 23	1 6	16 28	16 19	23 25	23 26	0 57	2 53	5 27
F 26	22 49	17 46	2 51	19 13	4 15	23 41	0 22	24 11	0 46	18 43	0 52	15 56	2 11	23 8	0 26	22 23	1 6	16 28	16 19	23 25	23 26	0 54	2 53	5 27
S 27	22 43	21 1	1 42	19 22	4 6	23 39	0 24	24 10	0 47	18 45	0 52	15 55	2 11	23 8	0 26	22 23	1 6	16 29	16 20	23 25	23 26	0 51	2 53	5 27
S 28	22 37	23 1	0 29	19 32	3 56	23 36	0 26	24 9	0 47	18 48	0 52	15 55	2 10	23 8	0 26	22 23	1 6	16 29	16 20	23 25	23 27	0 49	2 54	5 27
M29	22 30	23 39	0n45	19 43	3 45	23 33	0 29	24 7	0 48	18 51	0 52	15 55	2 10	23 9	0 26	22 23	1 6	16 30	16 20	23 25	23 27	0 46	2 54	5 28
T 30	22n23	22n56	1n55	19n55	3s34	23n29	0n31	24n 6	0n48	18n53	0s52	15s55	2n10	23s 9	0s26	22n23	1s 6	16s30	16s21	23n25	23n27	0n43	2s54	5n28

Julian Day Number = 2295747.5, Delta T = 132.03 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'15, Lahiri = 17°54'15 Julian Calendar 1 June 1573 == Greg. Calendar 11 June 1573

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1573
geocentric

JULY 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 14 33	18♋12'46	8♌37	29♊ 3	13♋ 2	7♋57	28♉ 3	20°R48	14°R23	28♊33	26°R 6	4°R20	3♋33	10♎ 8	9°R37	W 1
T 2	19 18 30	19°10'02	21°14	29°39	14°16	8°37	28°15	20♏46	14♑21	28°35	26♓ 6	4♋18	3°30	10°15	9♓36	T 2
F 3	19 22 26	20° 7'17	3♍36	0♋20	15°30	9°16	28°26	20°45	14°18	28°37	26° 6	4°16	3°27	10°22	9°34	F 3
S 4	19 26 23	21° 4'33	15°46	1° 6	16°44	9°56	28°37	20°44	14°16	28°39	26° 5	4°14	3°24	10°29	9°33	S 4
S 5	19 30 19	22° 1'49	27°46	1°58	17°58	10°35	28°48	20°43	14°13	28°41	26° 5	4°12	3°20	10°35	9°31	S 5
M 6	19 34 16	22°59'05	9♎41	2°55	19°11	11°15	28°59	20°42	14°11	28°43	26° 5	4°10	3°17	10°42	9°29	M 6
T 7	19 38 13	23°56'22	21°34	3°57	20°25	11°54	29°10	20°41	14° 9	28°45	26° 4	4°D10	3°14	10°49	9°27	T 7
W 8	19 42 9	24°53'39	3♏30	5° 4	21°39	12°33	29°21	20°40	14° 6	28°47	26° 4	4°10	3°11	10°56	9°26	W 8
T 9	19 46 6	25°50'56	15°34	6°17	22°53	13°13	29°31	20°40	14° 4	28°49	26° 3	4°11	3° 8	11° 2	9°24	T 9
F 10	19 50 2	26°48'14	27°50	7°34	24° 7	13°52	29°42	20°39	14° 2	28°51	26° 3	4°12	3° 5	11° 9	9°22	F 10
S 11	19 53 59	27°45'32	10♐22	8°56	25°21	14°31	29°52	20°39	13°59	28°53	26° 2	4°14	3° 1	11°16	9°20	S 11
S 12	19 57 55	28°42'51	23°14	10°22	26°35	15°10	0♊ 3	20°38	13°57	28°55	26° 2	4°15	2°58	11°22	9°18	S 12
M13	20 1 52	29°40'11	6♑28	11°53	27°49	15°49	0°13	20°38	13°55	28°57	26° 1	4°R15	2°55	11°29	9°16	M13
T 14	20 5 48	0♌37'31	20° 3	13°28	29° 2	16°29	0°23	20°38	13°52	28°59	26° 1	4°15	2°52	11°36	9°14	T 14
W15	20 9 45	1°34'52	3♒59	15° 8	0♌16	17° 8	0°33	20°D38	13°50	29° 1	26° 0	4°12	2°49	11°43	9°12	W15
T 16	20 13 42	2°32'14	18°13	16°51	1°30	17°47	0°43	20°38	13°48	29° 3	25°59	4° 9	2°46	11°49	9°10	T 16
F 17	20 17 38	3°29'37	2♓38	18°37	2°44	18°26	0°53	20°38	13°46	29° 5	25°59	4° 5	2°42	11°56	9° 7	F 17
S 18	20 21 35	4°27'00	17°11	20°27	3°58	19° 5	1° 3	20°38	13°43	29° 7	25°58	4° 1	2°39	12° 3	9° 5	S 18
S 19	20 25 31	5°24'25	1♈43	22°20	5°12	19°44	1°12	20°38	13°41	29° 9	25°57	3°57	2°36	12° 9	9° 3	S 19
M20	20 29 28	6°21'51	16°11	24°15	6°26	20°23	1°22	20°39	13°39	29°11	25°57	3°55	2°33	12°16	9° 1	M20
T 21	20 33 24	7°19'19	0♉29	26°13	7°41	21° 2	1°31	20°39	13°37	29°13	25°56	3°53	2°30	12°23	8°58	T 21
W22	20 37 21	8°16'48	14°35	28°12	8°55	21°41	1°40	20°40	13°35	29°14	25°55	3°D53	2°26	12°30	8°56	W22
T 23	20 41 17	9°14'18	28°27	0♌13	10° 9	22°19	1°49	20°40	13°33	29°16	25°54	3°54	2°23	12°36	8°53	T 23
F 24	20 45 14	10°11'50	12♊ 6	2°15	11°23	22°58	1°58	20°41	13°31	29°18	25°54	3°56	2°20	12°43	8°51	F 24
S 25	20 49 11	11° 9'23	25°32	4°18	12°37	23°37	2° 7	20°42	13°29	29°20	25°53	3°57	2°17	12°50	8°48	S 25
S 26	20 53 7	12° 6'57	8♋45	6°21	13°51	24°16	2°16	20°43	13°27	29°22	25°52	3°R57	2°14	12°57	8°46	S 26
M27	20 57 4	13° 4'33	21°46	8°24	15° 5	24°55	2°25	20°44	13°25	29°23	25°51	3°55	2°11	13° 3	8°43	M27
T 28	21 1 0	14° 2'10	4♌35	10°27	16°19	25°33	2°33	20°45	13°23	29°25	25°51	3°52	2° 7	13°10	8°41	T 28
W29	21 4 57	14°59'48	17°11	12°30	17°34	26°12	2°42	20°47	13°21	29°27	25°50	3°47	2° 4	13°17	8°38	W29
T 30	21 8 53	15°57'28	29°37	14°32	18°48	26°51	2°50	20°48	13°19	29°28	25°49	3°40	2° 1	13°23	8°36	T 30
F 31	21 12 50	16♌55'09	11♍51	16♌34	20♌ 2	27♋29	2♊58	20♏49	13♑17	29♊30	25♓48	3♋32	1♋58	13♎30	8♓33	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n15	21n 1	2n58	20n 8	3s22	23n24	0n33	24n 4	0n49	18n56	0s52	15s55	2n10	23s 9	0s26	22n23	1s 6	16s31	16s21	23n25	23n27	0n41	2s55	5n28
T 2	22 7	18 6	3 51	20 20	3 9	23 19	0 35	24 2	0 49	18 58	0 52	15 54	2 9	23 9	0 26	22 23	1 6	16 31	16 22	23 25	23 27	0 38	2 55	5 28
F 3	21 59	14 25	4 31	20 34	2 56	23 13	0 37	24 0	0 49	19 1	0 52	15 54	2 9	23 10	0 26	22 23	1 6	16 31	16 22	23 26	23 27	0 35	2 56	5 28
S 4	21 50	10 13	4 59	20 47	2 43	23 6	0 39	23 57	0 50	19 3	0 52	15 54	2 9	23 10	0 26	22 23	1 6	16 32	16 22	23 26	23 27	0 32	2 56	5 29
S 5	21 41	5 40	5 13	21 0	2 29	22 58	0 42	23 54	0 50	19 5	0 52	15 54	2 9	23 10	0 26	22 23	1 6	16 32	16 23	23 26	23 27	0 30	2 56	5 29
M 6	21 32	0 58	5 14	21 13	2 14	22 50	0 44	23 52	0 51	19 8	0 52	15 54	2 8	23 11	0 26	22 23	1 7	16 33	16 23	23 26	23 27	0 27	2 57	5 29
T 7	21 22	3s47	5 1	21 26	2 0	22 41	0 46	23 49	0 51	19 10	0 52	15 54	2 8	23 11	0 26	22 23	1 7	16 33	16 23	23 26	23 27	0 24	2 57	5 29
W 8	21 12	8 24	4 35	21 38	1 46	22 32	0 48	23 45	0 52	19 12	0 52	15 54	2 8	23 11	0 26	22 23	1 7	16 34	16 24	23 26	23 27	0 21	2 58	5 29
T 9	21 1	12 46	3 57	21 50	1 31	22 22	0 49	23 42	0 52	19 15	0 52	15 54	2 8	23 11	0 26	22 23	1 7	16 34	16 24	23 26	23 27	0 19	2 58	5 29
F 10	20 51	16 41	3 7	22 0	1 17	22 11	0 51	23 38	0 53	19 17	0 52	15 54	2 7	23 12	0 26	22 23	1 7	16 35	16 24	23 26	23 28	0 16	2 59	5 30
S 11	20 39	19 57	2 8	22 9	1 3	21 59	0 53	23 35	0 53	19 19	0 52	15 55	2 7	23 12	0 26	22 23	1 7	16 35	16 25	23 26	23 28	0 13	3 0	5 30
S 12	20 28	22 19	1 0	22 17	0 49	21 47	0 55	23 31	0 53	19 21	0 53	15 55	2 7	23 12	0 26	22 23	1 7	16 36	16 25	23 26	23 28	0 11	3 0	5 30
M13	20 16	23 32	0s12	22 23	0 35	21 35	0 57	23 27	0 54	19 23	0 53	15 55	2 7	23 12	0 26	22 23	1 7	16 36	16 25	23 26	23 28	0 8	3 1	5 30
T 14	20 4	23 24	1 26	22 28	0 21	21 21	0 59	23 22	0 54	19 25	0 53	15 55	2 6	23 13	0 26	22 23	1 7	16 37	16 26	23 26	23 28	0 5	3 1	5 30
W15	19 51	21 49	2 36	22 30	0 8	21 7	1 0	23 18	0 55	19 27	0 53	15 55	2 6	23 13	0 26	22 23	1 7	16 37	16 26	23 26	23 28	0 2	3 2	5 30
T 16	19 38	18 51	3 38	22 30	0n 4	20 53	1 2	23 13	0 55	19 29	0 53	15 56	2 6	23 13	0 26	22 23	1 7	16 38	16 26	23 26	23 28	0s 0	3 3	5 31
F 17	19 25	14 42	4 27	22 28	0 16	20 37	1 4	23 8	0 55	19 31	0 53	15 56	2 6	23 13	0 26	22 23	1 7	16 39	16 26	23 26	23 28	0 3	3 3	5 31
S 18	19 12	9 39	4 59	22 24	0 28	20 22	1 5	23 3	0 56	19 33	0 53	15 56	2 5	23 13	0 26	22 23	1 7	16 39	16 27	23 26	23 28	0 6	3 4	5 31
S 19	18 58	4 5	5 12	22 16	0 39	20 5	1 7	22 58	0 56	19 35	0 53	15 56	2 5	23 14	0 26	22 23	1 7	16 40	16 27	23 26	23 28	0 9	3 5	5 31
M20	18 43	1n41	5 5	22 7	0 49	19 48	1 8	22 53	0 57	19 37	0 53	15 57	2 5	23 14	0 26	22 23	1 7	16 40	16 27	23 26	23 28	0 11	3 6	5 31
T 21	18 29	7 18	4 39	21 54	0 58	19 31	1 9	22 47	0 57	19 39	0 53	15 57	2 5	23 14	0 26	22 23	1 7	16 41	16 28	23 26	23 28	0 14	3 6	5 31
W22	18 14	12 28	3 57	21 39	1 6	19 13	1 11	22 41	0 57	19 41	0 53	15 58	2 4	23 14	0 26	22 23	1 7	16 41	16 28	23 26	23 28	0 17	3 7	5 31
T 23	17 59	16 55	3 1	21 21	1 14	18 54	1 12	22 35	0 58	19 42	0 53	15 58	2 4	23 15	0 26	22 23	1 7	16 42	16 28	23 26	23 28	0 20	3 8	5 31
F 24	17 44	20 23	1 56	21 1	1 21	18 35	1 13	22 29	0 58	19 44	0 53	15 58	2 4	23 15	0 26	22 23	1 7	16 42	16 29	23 26	23 28	0 22	3 9	5 32
S 25	17 28	22 40	0 46	20 38	1 27	18 15	1 14	22 23	0 59	19 46	0 53	15 59	2 4	23 15	0 26	22 23	1 7	16 43	16 29	23 26	23 28	0 25	3 10	5 32
S 26	17 12	23 38	0n26	20 13	1 32	17 55	1 16	22 17	0 59	19 48	0 53	15 59	2 3	23 15	0 26	22 23	1 7	16 44	16 29	23 26	23 29	0 28	3 10	5 32
M27	16 56	23 18	1 35	19 45	1 36	17 34	1 17	22 10	0 59	19 49	0 53	16 0	2 3	23 15	0 26	22 23	1 7	16 44	16 29	23 26	23 29	0 31	3 11	5 32
T 28	16 39	21 43	2 38	19 16	1 40	17 13	1 18	22 4	1 0	19 51	0 53	16 0	2 3	23 16	0 26	22 23	1 7	16 45	16 30	23 26	23 29	0 33	3 12	5 32
W29	16 22	19 5	3 33	18 44	1 42	16 51	1 19	21 57	1 0	19 52	0 53	16 1	2 3	23 16	0 26	22 23	1 7	16 45	16 30	23 26	23 29	0 36	3 13	5 32
T 30	16 5	15 37	4 16	18 10	1 44	16 29	1 19	21 50	1 1	19 54	0 54	16 2	2 2	23 16	0 26	22 23	1 7	16 46	16 30	23 27	23 29	0 39	3 14	5 32
F 31	15n48	11n32	4n46	17n35	1n46	16n 6	1n20	21n42	1n 1	19n55	0s54	16s 2	2n 2	23s16	0s26	22n23	1s 7	16s46	16s30	23n27	23n29	0s42	3s15	5n32

Julian Day Number = 2295777.5, Delta T = 131.88 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'19, Lahiri = 17°54'19 Julian Calendar 1 July 1573 == Greg. Calendar 11 July 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

AUGUST 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 16 46	17♌52'50	23♍57	18♌35	21♌16	28♋ 8	3♊ 6	20♏51	13°R15	29♊32	25°R47	3°R24	1♋55	13♎37	8°R30	S 1
S 2	21 20 43	18°50'33	5♎54	20°35	22°31	28°47	3°14	20°53	13♂13	29°33	25♓46	3♋17	1°52	13°44	8♓28	S 2
M 3	21 24 40	19°48'18	17°47	22°33	23°45	29°25	3°21	20°54	13°11	29°35	25°45	3°11	1°48	13°50	8°25	M 3
T 4	21 28 36	20°46'03	29°38	24°31	24°59	0♌ 4	3°29	20°56	13°10	29°36	25°44	3° 6	1°45	13°57	8°22	T 4
W 5	21 32 33	21°43'50	11♏32	26°27	26°13	0°42	3°36	20°58	13° 8	29°38	25°43	3° 4	1°42	14° 4	8°20	W 5
T 6	21 36 29	22°41'37	23°33	28°22	27°28	1°20	3°43	21° 0	13° 6	29°40	25°42	3°D 3	1°39	14°10	8°17	T 6
F 7	21 40 26	23°39'26	5♐47	0♍16	28°42	1°59	3°51	21° 2	13° 5	29°41	25°41	3° 4	1°36	14°17	8°14	F 7
S 8	21 44 22	24°37'17	18°18	2° 8	29°56	2°37	3°57	21° 4	13° 3	29°42	25°40	3° 5	1°32	14°24	8°11	S 8
S 9	21 48 19	25°35'08	1♑10	3°59	1♍11	3°16	4° 4	21° 7	13° 1	29°44	25°39	3°R 6	1°29	14°31	8° 8	S 9
M10	21 52 15	26°33'01	14°28	5°49	2°25	3°54	4°11	21° 9	13° 0	29°45	25°38	3° 5	1°26	14°37	8° 6	M10
T 11	21 56 12	27°30'55	28°13	7°37	3°39	4°32	4°17	21°11	12°58	29°47	25°37	3° 3	1°23	14°44	8° 3	T 11
W12	22 0 9	28°28'51	12♒24	9°24	4°54	5°11	4°24	21°14	12°57	29°48	25°36	2°58	1°20	14°51	8° 0	W12
T 13	22 4 5	29°26'48	26°58	11°10	6° 8	5°49	4°30	21°17	12°55	29°49	25°35	2°51	1°17	14°57	7°57	T 13
F 14	22 8 2	0♍24'46	11♓48	12°55	7°22	6°27	4°36	21°19	12°54	29°51	25°34	2°43	1°13	15° 4	7°54	F 14
S 15	22 11 58	1°22'46	26°47	14°38	8°37	7° 5	4°42	21°22	12°53	29°52	25°33	2°34	1°10	15°11	7°51	S 15
S 16	22 15 55	2°20'48	11♈44	16°20	9°51	7°43	4°47	21°25	12°51	29°53	25°32	2°26	1° 7	15°18	7°48	S 16
M17	22 19 51	3°18'52	26°31	18° 0	11° 5	8°21	4°53	21°28	12°50	29°54	25°31	2°19	1° 4	15°24	7°45	M17
T 18	22 23 48	4°16'58	11♉ 2	19°40	12°20	9° 0	4°58	21°31	12°49	29°56	25°30	2°15	1° 1	15°31	7°42	T 18
W19	22 27 44	5°15'06	25°13	21°18	13°34	9°38	5° 4	21°34	12°48	29°57	25°29	2°12	0°58	15°38	7°40	W19
T 20	22 31 41	6°13'16	9♊ 2	22°55	14°49	10°16	5° 9	21°38	12°47	29°58	25°28	2°D12	0°54	15°45	7°37	T 20
F 21	22 35 38	7°11'28	22°32	24°31	16° 3	10°54	5°13	21°41	12°46	29°59	25°27	2°13	0°51	15°51	7°34	F 21
S 22	22 39 34	8° 9'43	5♋43	26° 6	17°17	11°32	5°18	21°44	12°44	0♋ 0	25°25	2°R13	0°48	15°58	7°31	S 22
S 23	22 43 31	9° 7'59	18°38	27°39	18°32	12°10	5°23	21°48	12°43	0° 1	25°24	2°12	0°45	16° 5	7°28	S 23
M24	22 47 27	10° 6'17	1♌20	29°11	19°46	12°48	5°27	21°52	12°43	0° 2	25°23	2° 8	0°42	16°11	7°25	M24
T 25	22 51 24	11° 4'37	13°51	0♎43	21° 1	13°26	5°31	21°55	12°42	0° 3	25°22	2° 2	0°38	16°18	7°22	T 25
W26	22 55 20	12° 2'59	26°12	2°13	22°15	14° 3	5°35	21°59	12°41	0° 4	25°21	1°53	0°35	16°25	7°19	W26
T 27	22 59 17	13° 1'23	8♍25	3°41	23°30	14°41	5°39	22° 3	12°40	0° 5	25°20	1°41	0°32	16°32	7°16	T 27
F 28	23 3 13	13°59'49	20°30	5° 9	24°44	15°19	5°42	22° 7	12°39	0° 6	25°19	1°28	0°29	16°38	7°13	F 28
S 29	23 7 10	14°58'17	2♎29	6°35	25°59	15°57	5°46	22°11	12°38	0° 7	25°17	1°15	0°26	16°45	7°11	S 29
S 30	23 11 7	15°56'47	14°23	8° 1	27°13	16°35	5°49	22°15	12°38	0° 8	25°16	1° 2	0°23	16°52	7° 8	S 30
M31	23 15 3	16♍55'18	26♎14	9♎25	28♍28	17♌13	5♊52	22♏19	12♑37	0♋ 8	25♓15	0♋51	0♋19	16♎58	7♓ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n30	7n 3	5n 4	16n58	1n46	15n43	1n21	21n35	1n 1	19n57	0s54	16s 3	2n 2	23s16	0s26	22n23	1s 7	16s47	16s31	23n27	23n29	0s44	3s16	5n32
S 2	15 13	2 21	5 7	16 20	1 46	15 20	1 22	21 28	1 2	19 58	0 54	16 4	2 2	23 16	0 26	22 23	1 7	16 48	16 31	23 27	23 29	0 47	3 17	5 32
M 3	14 55	2s24	4 58	15 41	1 45	14 56	1 22	21 20	1 2	20 0	0 54	16 4	2 1	23 17	0 26	22 23	1 7	16 48	16 31	23 27	23 29	0 50	3 18	5 32
T 4	14 36	7 4	4 36	15 0	1 44	14 32	1 23	21 12	1 2	20 1	0 54	16 5	2 1	23 17	0 26	22 23	1 7	16 49	16 31	23 27	23 29	0 53	3 19	5 32
W 5	14 18	11 30	4 1	14 19	1 42	14 7	1 24	21 4	1 3	20 2	0 54	16 6	2 1	23 17	0 26	22 23	1 7	16 49	16 32	23 28	23 29	0 55	3 20	5 32
T 6	13 59	15 32	3 16	13 37	1 39	13 42	1 24	20 56	1 3	20 4	0 54	16 6	2 1	23 17	0 26	22 23	1 7	16 50	16 32	23 28	23 29	0 58	3 21	5 32
F 7	13 40	19 0	2 21	12 54	1 36	13 16	1 24	20 48	1 4	20 5	0 54	16 7	2 0	23 17	0 26	22 23	1 7	16 50	16 32	23 28	23 29	1 1	3 22	5 32
S 8	13 21	21 40	1 19	12 11	1 32	12 50	1 25	20 39	1 4	20 6	0 54	16 8	2 0	23 17	0 26	22 23	1 7	16 51	16 32	23 28	23 29	1 4	3 23	5 32
S 9	13 1	23 19	0 10	11 27	1 29	12 24	1 25	20 31	1 4	20 7	0 54	16 9	2 0	23 18	0 26	22 23	1 7	16 52	16 32	23 28	23 29	1 7	3 24	5 33
M10	12 42	23 43	1s 1	10 42	1 24	11 58	1 25	20 22	1 5	20 8	0 54	16 10	2 0	23 18	0 26	22 23	1 7	16 52	16 33	23 28	23 29	1 9	3 25	5 33
T 11	12 22	22 42	2 10	9 57	1 19	11 31	1 25	20 13	1 5	20 10	0 54	16 11	1 59	23 18	0 26	22 23	1 7	16 53	16 33	23 28	23 29	1 12	3 26	5 33
W12	12 2	20 14	3 14	9 12	1 14	11 4	1 25	20 4	1 5	20 11	0 54	16 12	1 59	23 18	0 26	22 23	1 7	16 53	16 33	23 28	23 29	1 15	3 27	5 33
T 13	11 42	16 25	4 7	8 27	1 9	10 36	1 25	19 55	1 6	20 12	0 55	16 12	1 59	23 18	0 26	22 23	1 7	16 54	16 33	23 28	23 29	1 18	3 28	5 33
F 14	11 21	11 32	4 44	7 42	1 3	10 9	1 25	19 46	1 6	20 13	0 55	16 13	1 59	23 18	0 26	22 23	1 7	16 55	16 33	23 28	23 29	1 20	3 29	5 32
S 15	11 1	5 54	5 3	6 57	0 57	9 41	1 25	19 37	1 6	20 14	0 55	16 14	1 59	23 18	0 26	22 23	1 7	16 55	16 34	23 28	23 29	1 23	3 30	5 32
S 16	10 40	0n 3	5 0	6 11	0 51	9 12	1 25	19 27	1 7	20 15	0 55	16 15	1 58	23 18	0 26	22 23	1 7	16 56	16 34	23 28	23 29	1 26	3 31	5 32
M17	10 19	5 56	4 38	5 26	0 45	8 44	1 25	19 18	1 7	20 16	0 55	16 16	1 58	23 19	0 26	22 22	1 7	16 56	16 34	23 28	23 29	1 29	3 32	5 32
T 18	9 58	11 24	3 58	4 41	0 38	8 15	1 24	19 8	1 7	20 17	0 55	16 17	1 58	23 19	0 26	22 22	1 7	16 57	16 34	23 29	23 29	1 31	3 33	5 32
W19	9 36	16 8	3 4	3 56	0 31	7 46	1 24	18 58	1 8	20 17	0 55	16 18	1 58	23 19	0 26	22 22	1 7	16 57	16 34	23 29	23 29	1 34	3 34	5 32
T 20	9 15	19 53	2 0	3 11	0 24	7 17	1 24	18 48	1 8	20 18	0 55	16 19	1 57	23 19	0 26	22 22	1 7	16 58	16 34	23 29	23 30	1 37	3 35	5 32
F 21	8 53	22 26	0 51	2 26	0 17	6 47	1 23	18 38	1 8	20 19	0 55	16 21	1 57	23 19	0 26	22 22	1 7	16 59	16 34	23 29	23 30	1 40	3 37	5 32
S 22	8 32	23 41	0n19	1 42	0 9	6 18	1 22	18 28	1 9	20 20	0 55	16 22	1 57	23 19	0 26	22 22	1 7	16 59	16 35	23 29	23 30	1 43	3 38	5 32
S 23	8 10	23 37	1 26	0 58	0 2	5 48	1 22	18 18	1 9	20 20	0 55	16 23	1 57	23 19	0 26	22 22	1 7	17 0	16 35	23 29	23 30	1 45	3 39	5 32
M24	7 48	22 19	2 28	0 14	0s 6	5 18	1 21	18 7	1 9	20 21	0 55	16 24	1 56	23 19	0 26	22 22	1 7	17 0	16 35	23 29	23 30	1 48	3 40	5 32
T 25	7 26	19 56	3 22	0s30	0 14	4 48	1 20	17 57	1 10	20 22	0 56	16 25	1 56	23 19	0 26	22 22	1 7	17 1	16 35	23 29	23 30	1 51	3 41	5 32
W26	7 3	16 39	4 5	1 13	0 21	4 18	1 19	17 46	1 10	20 22	0 56	16 26	1 56	23 19	0 26	22 22	1 7	17 1	16 35	23 29	23 30	1 54	3 42	5 32
T 27	6 41	12 42	4 37	1 55	0 29	3 47	1 19	17 35	1 10	20 23	0 56	16 27	1 56	23 19	0 26	22 22	1 7	17 2	16 35	23 29	23 30	1 57	3 43	5 32
F 28	6 19	8 17	4 55	2 37	0 37	3 17	1 18	17 24	1 11	20 24	0 56	16 29	1 56	23 20	0 26	22 22	1 7	17 2	16 35	23 29	23 30	1 59	3 45	5 32
S 29	5 56	3 36	5 0	3 19	0 45	2 46	1 17	17 13	1 11	20 24	0 56	16 30	1 55	23 20	0 26	22 22	1 8	17 3	16 35	23 29	23 30	2 2	3 46	5 32
S 30	5 33	1s11	4 53	4 0	0 53	2 16	1 15	17 2	1 11	20 25	0 56	16 31	1 55	23 20	0 26	22 22	1 8	17 4	16 35	23 29	23 30	2 5	3 47	5 31
M31	5n11	5s55	4n32	4s41	1s 1	1n45	1n14	16n51	1n12	20n25	0s56	16s32	1n55	23s20	0s26	22n22	1s 8	17s 4	16s35	23n30	23n30	2s 8	3s48	5n31

Julian Day Number = 2295808.5, Delta T = 131.72 sec
Ecliptic obliquity = 23°29'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'23, Lahiri = 17°54'24 Julian Calendar 1 Aug. 1573 == Greg. Calendar 11 Aug. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

SEPTEMBER 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 19 0	17♍53'51	8♏ 4	10♎47	29♍42	17♌50	5♊55	22♏23	12°R37	0♋ 9	25°R14	0°R43	0♋16	17♎ 5	7°R 2	T 1
W 2	23 22 56	18°52'26	19°56	12° 9	0♎57	18°28	5°58	22°27	12♑36	0°10	25♓13	0♋37	0°13	17°12	6♓59	W 2
T 3	23 26 53	19°51'03	1♐55	13°29	2°11	19° 6	6° 0	22°32	12°36	0°11	25°11	0°34	0°10	17°19	6°56	T 3
F 4	23 30 49	20°49'41	14° 6	14°48	3°26	19°43	6° 2	22°36	12°35	0°11	25°10	0°32	0° 7	17°25	6°53	F 4
S 5	23 34 46	21°48'21	26°32	16° 5	4°40	20°21	6° 4	22°41	12°35	0°12	25° 9	0°32	0° 3	17°32	6°51	S 5
S 6	23 38 42	22°47'03	9♑20	17°21	5°55	20°59	6° 6	22°45	12°34	0°13	25° 8	0°32	0° 0	17°39	6°48	S 6
M 7	23 42 39	23°45'46	22°34	18°35	7° 9	21°36	6° 8	22°50	12°34	0°13	25° 7	0°31	29♊57	17°45	6°45	M 7
T 8	23 46 35	24°44'32	6♒17	19°48	8°24	22°14	6°10	22°55	12°34	0°14	25° 5	0°27	29°54	17°52	6°42	T 8
W 9	23 50 32	25°43'19	20°30	20°59	9°38	22°51	6°11	23° 0	12°34	0°14	25° 4	0°21	29°51	17°59	6°40	W 9
T 10	23 54 29	26°42'07	5♓11	22° 8	10°53	23°29	6°12	23° 4	12°34	0°15	25° 3	0°13	29°48	18° 6	6°37	T 10
F 11	23 58 25	27°40'58	20°13	23°15	12° 7	24° 6	6°13	23° 9	12°34	0°15	25° 2	0° 2	29°44	18°12	6°34	F 11
S 12	0 2 22	28°39'51	5♈29	24°20	13°22	24°44	6°14	23°14	12°D33	0°15	25° 1	29♊51	29°41	18°19	6°32	S 12
S 13	0 6 18	29°38'45	20°45	25°23	14°36	25°21	6°14	23°19	12°34	0°16	24°59	29°40	29°38	18°26	6°29	S 13
M14	0 10 15	0♎37'42	5♉52	26°23	15°50	25°58	6°14	23°24	12°34	0°16	24°58	29°31	29°35	18°32	6°27	M14
T 15	0 14 11	1°36'41	20°40	27°21	17° 5	26°36	6°R14	23°30	12°34	0°16	24°57	29°25	29°32	18°39	6°24	T 15
W16	0 18 8	2°35'43	5♊ 3	28°16	18°19	27°13	6°14	23°35	12°34	0°17	24°56	29°21	29°29	18°46	6°21	W16
T 17	0 22 4	3°34'47	19° 0	29° 8	19°34	27°50	6°14	23°40	12°34	0°17	24°55	29°20	29°25	18°53	6°19	T 17
F 18	0 26 1	4°33'53	2♋31	29°56	20°48	28°28	6°14	23°46	12°34	0°17	24°54	29°20	29°22	18°59	6°16	F 18
S 19	0 29 58	5°33'02	15°38	0♏41	22° 3	29° 5	6°13	23°51	12°35	0°17	24°52	29°20	29°19	19° 6	6°14	S 19
S 20	0 33 54	6°32'13	28°26	1°22	23°17	29°42	6°12	23°57	12°35	0°18	24°51	29°18	29°16	19°13	6°12	S 20
M21	0 37 51	7°31'26	10♌57	1°59	24°32	0♍19	6°11	24° 2	12°36	0°18	24°50	29°14	29°13	19°19	6° 9	M21
T 22	0 41 47	8°30'41	23°16	2°31	25°46	0°56	6°10	24° 8	12°36	0°18	24°49	29° 8	29° 9	19°26	6° 7	T 22
W23	0 45 44	9°29'59	5♍26	2°58	27° 1	1°34	6° 8	24°13	12°37	0°18	24°48	28°58	29° 6	19°33	6° 5	W23
T 24	0 49 40	10°29'19	17°28	3°19	28°15	2°11	6° 6	24°19	12°37	0°R18	24°47	28°46	29° 3	19°40	6° 2	T 24
F 25	0 53 37	11°28'41	29°26	3°34	29°30	2°48	6° 4	24°25	12°38	0°18	24°45	28°33	29° 0	19°46	6° 0	F 25
S 26	0 57 33	12°28'05	11♎20	3°43	0♏44	3°25	6° 2	24°31	12°38	0°18	24°44	28°18	28°57	19°53	5°58	S 26
S 27	1 1 30	13°27'32	23°11	3°R44	1°59	4° 2	6° 0	24°37	12°39	0°18	24°43	28° 5	28°54	20° 0	5°56	S 27
M28	1 5 27	14°27'00	5♏ 2	3°38	3°13	4°39	5°57	24°42	12°40	0°17	24°42	27°53	28°50	20° 6	5°54	M28
T 29	1 9 23	15°26'30	16°53	3°24	4°28	5°16	5°55	24°48	12°41	0°17	24°41	27°44	28°47	20°13	5°52	T 29
W30	1 13 20	16♎26'03	28♏48	3♏ 2	5♏42	5♍53	5♊52	24♏54	12♑42	0♋17	24♓40	27♊37	28♊44	20♎20	5♓50	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n48	10s27	4n 0	5s20	1s 9	1n14	1n13	16n40	1n12	20n25	0s56	16s34	1n55	23s20	0s26	22n22	1s 8	17s 5	16s36	23n30	23n30	2s10	3s49	5n31
W 2	4 25	14 36	3 17	6 0	1 17	0 43	1 12	16 28	1 12	20 26	0 56	16 35	1 54	23 20	0 26	22 22	1 8	17 5	16 36	23 30	23 30	2 13	3 50	5 31
T 3	4 2	18 13	2 25	6 38	1 25	0 12	1 11	16 17	1 13	20 26	0 56	16 36	1 54	23 20	0 26	22 22	1 8	17 6	16 36	23 30	23 30	2 16	3 52	5 31
F 4	3 39	21 7	1 26	7 16	1 33	0s18	1 9	16 5	1 13	20 26	0 56	16 38	1 54	23 20	0 26	22 22	1 8	17 6	16 36	23 30	23 30	2 19	3 53	5 31
S 5	3 15	23 6	0 21	7 54	1 41	0 49	1 8	15 54	1 13	20 27	0 56	16 39	1 54	23 20	0 26	22 22	1 8	17 7	16 36	23 30	23 30	2 22	3 54	5 31
S 6	2 52	23 56	0s46	8 30	1 49	1 20	1 6	15 42	1 14	20 27	0 56	16 40	1 54	23 20	0 26	22 22	1 8	17 7	16 36	23 30	23 30	2 24	3 55	5 30
M 7	2 29	23 28	1 54	9 6	1 56	1 51	1 5	15 30	1 14	20 27	0 57	16 42	1 53	23 20	0 26	22 22	1 8	17 8	16 36	23 30	23 30	2 27	3 56	5 30
T 8	2 6	21 36	2 57	9 40	2 4	2 22	1 3	15 18	1 14	20 27	0 57	16 43	1 53	23 20	0 26	22 22	1 8	17 8	16 36	23 30	23 30	2 30	3 57	5 30
W 9	1 42	18 20	3 51	10 14	2 11	2 53	1 1	15 6	1 15	20 28	0 57	16 44	1 53	23 20	0 26	22 22	1 8	17 9	16 36	23 30	23 30	2 33	3 58	5 30
T 10	1 19	13 51	4 32	10 47	2 19	3 24	1 0	14 54	1 15	20 28	0 57	16 46	1 53	23 20	0 26	22 22	1 8	17 9	16 36	23 30	23 30	2 36	4 0	5 30
F 11	0 55	8 25	4 56	11 18	2 26	3 55	0 58	14 42	1 15	20 28	0 57	16 47	1 53	23 20	0 26	22 22	1 8	17 10	16 36	23 30	23 30	2 38	4 1	5 30
S 12	0 32	2 23	4 59	11 49	2 33	4 25	0 56	14 30	1 15	20 28	0 57	16 49	1 52	23 20	0 26	22 22	1 8	17 10	16 36	23 30	23 30	2 41	4 2	5 29
S 13	0 8	3n47	4 40	12 18	2 39	4 56	0 54	14 17	1 16	20 28	0 57	16 50	1 52	23 20	0 26	22 22	1 8	17 11	16 36	23 30	23 30	2 44	4 3	5 29
M14	0s15	9 42	4 2	12 46	2 46	5 27	0 52	14 5	1 16	20 28	0 57	16 52	1 52	23 20	0 26	22 22	1 8	17 11	16 36	23 30	23 30	2 47	4 4	5 29
T 15	0 39	14 55	3 9	13 13	2 52	5 57	0 50	13 53	1 16	20 28	0 57	16 53	1 52	23 20	0 26	22 22	1 8	17 11	16 36	23 30	23 30	2 50	4 5	5 29
W16	1 2	19 9	2 4	13 38	2 57	6 27	0 48	13 40	1 17	20 28	0 57	16 54	1 52	23 20	0 26	22 22	1 8	17 12	16 36	23 30	23 30	2 52	4 6	5 29
T 17	1 26	22 8	0 54	14 2	3 3	6 57	0 46	13 27	1 17	20 27	0 57	16 56	1 52	23 20	0 26	22 22	1 8	17 12	16 36	23 30	23 30	2 55	4 8	5 28
F 18	1 49	23 45	0n17	14 24	3 8	7 27	0 44	13 15	1 17	20 27	0 57	16 57	1 51	23 20	0 26	22 22	1 8	17 13	16 36	23 30	23 30	2 58	4 9	5 28
S 19	2 13	23 59	1 25	14 44	3 12	7 57	0 42	13 2	1 18	20 27	0 57	16 59	1 51	23 20	0 26	22 22	1 8	17 13	16 36	23 30	23 30	3 1	4 10	5 28
S 20	2 36	22 56	2 27	15 2	3 16	8 27	0 40	12 49	1 18	20 27	0 58	17 0	1 51	23 20	0 26	22 22	1 8	17 14	16 35	23 30	23 30	3 4	4 11	5 28
M21	3 0	20 44	3 21	15 18	3 19	8 57	0 38	12 36	1 18	20 27	0 58	17 2	1 51	23 20	0 26	22 21	1 8	17 14	16 35	23 30	23 30	3 6	4 12	5 27
T 22	3 23	17 38	4 4	15 32	3 22	9 26	0 36	12 23	1 18	20 26	0 58	17 4	1 51	23 19	0 26	22 21	1 8	17 14	16 35	23 30	23 30	3 9	4 13	5 27
W23	3 46	13 49	4 36	15 43	3 24	9 55	0 33	12 10	1 19	20 26	0 58	17 5	1 51	23 19	0 26	22 21	1 8	17 15	16 35	23 29	23 30	3 12	4 14	5 27
T 24	4 10	9 28	4 54	15 51	3 25	10 24	0 31	11 57	1 19	20 26	0 58	17 7	1 50	23 19	0 26	22 21	1 8	17 15	16 35	23 29	23 29	3 15	4 15	5 27
F 25	4 33	4 49	5 0	15 57	3 25	10 53	0 29	11 44	1 19	20 25	0 58	17 8	1 50	23 19	0 26	22 21	1 8	17 16	16 35	23 29	23 29	3 18	4 16	5 26
S 26	4 56	0s 0	4 52	15 59	3 24	11 21	0 26	11 31	1 19	20 25	0 58	17 10	1 50	23 19	0 26	22 21	1 8	17 16	16 35	23 29	23 29	3 20	4 17	5 26
S 27	5 19	4 49	4 32	15 57	3 22	11 49	0 24	11 18	1 20	20 24	0 58	17 11	1 50	23 19	0 26	22 21	1 8	17 16	16 35	23 29	23 29	3 23	4 18	5 26
M28	5 43	9 27	4 0	15 52	3 19	12 17	0 21	11 4	1 20	20 24	0 58	17 13	1 50	23 19	0 26	22 21	1 8	17 17	16 35	23 29	23 29	3 26	4 19	5 26
T 29	6 6	13 46	3 18	15 43	3 14	12 45	0 19	10 51	1 20	20 23	0 58	17 14	1 50	23 19	0 26	22 21	1 8	17 17	16 35	23 29	23 29	3 29	4 20	5 25
W30	6s29	17s34	2n26	15s29	3s 7	13s12	0n16	10n37	1n21	20n23	0s58	17s16	1n49	23s19	0s26	22n21	1s 8	17s17	16s35	23n28	23n29	3s32	4s21	5n25

Julian Day Number = 2295839.5, Delta T = 131.56 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'27, Lahiri = 17°54'28 Julian Calendar 1 Sept. 1573 == Greg. Calendar 11 Sept. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

OCTOBER 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 17 16	17♎25'37	10♐49	2°R31	6♏57	6♍30	5°R49	25♏ 1	12♑43	0°R17	24°R39	27°R34	28♊41	20♎27	5°R48	T 1
F 2	1 21 13	18°25'13	23° 0	1♏52	8°11	7° 6	5♊45	25° 7	12°44	0♋17	24♓38	27°D32	28°38	20°33	5♓46	F 2
S 3	1 25 9	19°24'51	5♑25	1° 4	9°26	7°43	5°42	25°13	12°45	0°16	24°37	27♊32	28°35	20°40	5°44	S 3
S 4	1 29 6	20°24'30	18° 9	0° 8	10°40	8°20	5°38	25°19	12°46	0°16	24°36	27°R33	28°31	20°47	5°42	S 4
M 5	1 33 2	21°24'12	1♒16	29♎ 5	11°55	8°57	5°34	25°25	12°47	0°16	24°34	27°32	28°28	20°53	5°40	M 5
T 6	1 36 59	22°23'55	14°50	27°57	13° 9	9°34	5°30	25°32	12°48	0°15	24°33	27°30	28°25	21° 0	5°38	T 6
W 7	1 40 56	23°23'39	28°54	26°43	14°24	10°10	5°26	25°38	12°49	0°15	24°32	27°26	28°22	21° 7	5°37	W 7
T 8	1 44 52	24°23'26	13♓27	25°28	15°38	10°47	5°22	25°44	12°51	0°14	24°31	27°19	28°19	21°14	5°35	T 8
F 9	1 48 49	25°23'14	28°24	24°12	16°53	11°24	5°17	25°51	12°52	0°14	24°30	27°10	28°15	21°20	5°34	F 9
S 10	1 52 45	26°23'04	13♈38	22°59	18° 7	12° 0	5°12	25°57	12°53	0°13	24°29	27° 1	28°12	21°27	5°32	S 10
S 11	1 56 42	27°22'56	28°59	21°50	19°22	12°37	5° 7	26° 4	12°55	0°13	24°28	26°52	28° 9	21°34	5°30	S 11
M12	2 0 38	28°22'50	14♉14	20°47	20°36	13°13	5° 2	26°10	12°56	0°12	24°27	26°44	28° 6	21°40	5°29	M12
T 13	2 4 35	29°22'46	29°14	19°52	21°50	13°50	4°57	26°17	12°58	0°11	24°26	26°39	28° 3	21°47	5°28	T 13
W14	2 8 31	0♏22'44	13♊51	19° 8	23° 5	14°26	4°52	26°23	12°59	0°11	24°26	26°36	28° 0	21°54	5°26	W14
T 15	2 12 28	1°22'44	27°59	18°34	24°19	15° 3	4°46	26°30	13° 1	0°10	24°25	26°D35	27°56	22° 1	5°25	T 15
F 16	2 16 25	2°22'47	11♋39	18°11	25°34	15°39	4°40	26°37	13° 3	0° 9	24°24	26°36	27°53	22° 7	5°24	F 16
S 17	2 20 21	3°22'51	24°53	18°D 0	26°48	16°16	4°34	26°43	13° 4	0° 9	24°23	26°37	27°50	22°14	5°23	S 17
S 18	2 24 18	4°22'58	7♌42	18° 1	28° 2	16°52	4°28	26°50	13° 6	0° 8	24°22	26°R37	27°47	22°21	5°21	S 18
M19	2 28 14	5°23'07	20°12	18°13	29°17	17°28	4°22	26°57	13° 8	0° 7	24°21	26°36	27°44	22°27	5°20	M19
T 20	2 32 11	6°23'18	2♍27	18°35	0♐31	18° 5	4°16	27° 4	13°10	0° 6	24°20	26°33	27°40	22°34	5°19	T 20
W21	2 36 7	7°23'31	14°30	19° 6	1°45	18°41	4° 9	27°10	13°12	0° 5	24°19	26°27	27°37	22°41	5°18	W21
T 22	2 40 4	8°23'46	26°27	19°46	3° 0	19°17	4° 3	27°17	13°14	0° 4	24°19	26°19	27°34	22°48	5°18	T 22
F 23	2 44 0	9°24'03	8♎20	20°34	4°14	19°53	3°56	27°24	13°16	0° 4	24°18	26°11	27°31	22°54	5°17	F 23
S 24	2 47 57	10°24'22	20°11	21°29	5°29	20°29	3°49	27°31	13°18	0° 3	24°17	26° 1	27°28	23° 1	5°16	S 24
S 25	2 51 53	11°24'42	2♏ 3	22°30	6°43	21° 5	3°42	27°38	13°20	0° 2	24°16	25°52	27°25	23° 8	5°15	S 25
M26	2 55 50	12°25'05	13°56	23°37	7°57	21°42	3°35	27°45	13°22	0° 1	24°15	25°44	27°21	23°14	5°14	M26
T 27	2 59 47	13°25'29	25°54	24°47	9°12	22°18	3°28	27°52	13°24	29♊59	24°15	25°38	27°18	23°21	5°14	T 27
W28	3 3 43	14°25'55	7♐56	26° 2	10°26	22°54	3°20	27°59	13°26	29°59	24°14	25°35	27°15	23°28	5°13	W28
T 29	3 7 40	15°26'22	20° 6	27°21	11°40	23°29	3°13	28° 6	13°28	29°57	24°13	25°D33	27°12	23°34	5°13	T 29
F 30	3 11 36	16°26'51	2♑25	28°42	12°55	24° 5	3° 5	28°13	13°31	29°56	24°13	25°33	27° 9	23°41	5°12	F 30
S 31	3 15 33	17♏27'22	14♑57	0♏ 5	14♐ 9	24♍41	2♊58	28♏20	13♑33	29♊55	24♓12	25♊34	27♊ 6	23♎48	5♓12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s51	20s40	1n28	15s11	2s59	13s39	0n14	10n24	1n21	20n22	0s58	17s18	1n49	23s19	0s26	22n21	1s 8	17s18	16s34	23n28	23n29	3s34	4s22	5n25
F 2	7 14	22 54	0 24	14 48	2 49	14 5	0 11	10 11	1 21	20 22	0 58	17 19	1 49	23 19	0 26	22 21	1 9	17 18	16 34	23 28	23 29	3 37	4 23	5 25
S 3	7 37	24 5	0s42	14 20	2 38	14 32	0 9	9 57	1 21	20 21	0 58	17 21	1 49	23 18	0 26	22 21	1 9	17 18	16 34	23 28	23 29	3 40	4 24	5 24
S 4	7 59	24 2	1 47	13 48	2 24	14 58	0 6	9 43	1 22	20 20	0 58	17 23	1 49	23 18	0 26	22 21	1 9	17 18	16 34	23 28	23 29	3 43	4 25	5 24
M 5	8 22	22 41	2 49	13 11	2 9	15 23	0 4	9 30	1 22	20 20	0 58	17 24	1 49	23 18	0 26	22 21	1 9	17 19	16 34	23 28	23 29	3 46	4 26	5 24
T 6	8 44	19 59	3 44	12 30	1 52	15 48	0 1	9 16	1 22	20 19	0 58	17 26	1 49	23 18	0 26	22 21	1 9	17 19	16 34	23 28	23 29	3 48	4 27	5 23
W 7	9 6	16 3	4 27	11 47	1 34	16 13	0s 2	9 3	1 22	20 18	0 58	17 27	1 48	23 18	0 26	22 21	1 9	17 19	16 33	23 28	23 29	3 51	4 28	5 23
T 8	9 29	11 3	4 55	11 1	1 14	16 38	0 4	8 49	1 23	20 17	0 58	17 29	1 48	23 18	0 26	22 21	1 9	17 19	16 33	23 28	23 29	3 54	4 29	5 23
F 9	9 50	5 17	5 4	10 14	0 54	17 2	0 7	8 35	1 23	20 16	0 58	17 31	1 48	23 18	0 26	22 21	1 9	17 20	16 33	23 28	23 29	3 57	4 30	5 22
S 10	10 12	0n55	4 51	9 28	0 33	17 25	0 9	8 21	1 23	20 16	0 58	17 32	1 48	23 18	0 26	22 21	1 9	17 20	16 33	23 28	23 29	4 0	4 30	5 22
S 11	10 34	7 7	4 18	8 43	0 12	17 48	0 12	8 8	1 23	20 15	0 58	17 34	1 48	23 17	0 26	22 21	1 9	17 20	16 33	23 27	23 29	4 3	4 31	5 22
M12	10 55	12 52	3 26	8 1	0n 8	18 11	0 15	7 54	1 24	20 14	0 58	17 36	1 48	23 17	0 26	22 21	1 9	17 20	16 33	23 27	23 29	4 5	4 32	5 21
T 13	11 17	17 44	2 21	7 22	0 27	18 33	0 17	7 40	1 24	20 13	0 58	17 37	1 48	23 17	0 25	22 21	1 9	17 21	16 32	23 27	23 29	4 8	4 33	5 21
W14	11 38	21 24	1 8	6 49	0 45	18 55	0 20	7 26	1 24	20 12	0 58	17 39	1 48	23 17	0 25	22 21	1 9	17 21	16 32	23 27	23 29	4 11	4 34	5 21
T 15	11 59	23 36	0n 8	6 20	1 2	19 16	0 23	7 12	1 24	20 11	0 58	17 40	1 47	23 17	0 25	22 21	1 9	17 21	16 32	23 27	23 29	4 14	4 34	5 20
F 16	12 20	24 19	1 20	5 58	1 17	19 36	0 25	6 58	1 25	20 10	0 58	17 42	1 47	23 17	0 25	22 21	1 9	17 21	16 32	23 27	23 29	4 17	4 35	5 20
S 17	12 40	23 36	2 26	5 42	1 30	19 57	0 28	6 44	1 25	20 9	0 58	17 44	1 47	23 16	0 25	22 21	1 9	17 21	16 32	23 27	23 29	4 19	4 36	5 20
S 18	13 1	21 39	3 22	5 31	1 41	20 16	0 31	6 30	1 25	20 8	0 58	17 45	1 47	23 16	0 25	22 21	1 9	17 21	16 31	23 27	23 29	4 22	4 37	5 19
M19	13 21	18 42	4 8	5 27	1 51	20 35	0 33	6 16	1 25	20 7	0 58	17 47	1 47	23 16	0 25	22 21	1 9	17 22	16 31	23 27	23 29	4 25	4 37	5 19
T 20	13 41	14 59	4 41	5 28	1 59	20 54	0 36	6 2	1 26	20 5	0 58	17 49	1 47	23 16	0 25	22 21	1 9	17 22	16 31	23 27	23 28	4 28	4 38	5 19
W21	14 1	10 44	5 0	5 34	2 5	21 12	0 39	5 48	1 26	20 4	0 58	17 50	1 47	23 16	0 25	22 21	1 9	17 22	16 31	23 27	23 28	4 31	4 39	5 18
T 22	14 20	6 6	5 7	5 45	2 10	21 29	0 41	5 34	1 26	20 3	0 58	17 52	1 47	23 15	0 25	22 21	1 9	17 22	16 30	23 27	23 28	4 33	4 39	5 18
F 23	14 39	1 17	5 0	6 0	2 13	21 46	0 44	5 20	1 26	20 2	0 58	17 54	1 47	23 15	0 25	22 21	1 9	17 22	16 30	23 26	23 28	4 36	4 40	5 18
S 24	14 59	3s34	4 41	6 18	2 15	22 2	0 46	5 6	1 27	20 0	0 58	17 55	1 47	23 15	0 25	22 21	1 9	17 22	16 30	23 26	23 28	4 39	4 41	5 17
S 25	15 17	8 19	4 9	6 40	2 16	22 17	0 49	4 52	1 27	19 59	0 58	17 57	1 46	23 15	0 25	22 21	1 9	17 22	16 30	23 26	23 28	4 42	4 41	5 17
M26	15 36	12 47	3 26	7 5	2 16	22 32	0 51	4 38	1 27	19 58	0 58	17 59	1 46	23 15	0 25	22 21	1 9	17 22	16 29	23 26	23 28	4 45	4 42	5 17
T 27	15 54	16 47	2 34	7 32	2 15	22 46	0 54	4 24	1 27	19 57	0 58	18 0	1 46	23 14	0 25	22 21	1 9	17 22	16 29	23 25	23 28	4 48	4 42	5 16
W28	16 12	20 8	1 34	8 1	2 13	23 0	0 56	4 10	1 28	19 55	0 58	18 2	1 46	23 14	0 25	22 21	1 9	17 22	16 29	23 25	23 28	4 50	4 43	5 16
T 29	16 30	22 38	0 30	8 32	2 10	23 13	0 59	3 56	1 28	19 54	0 58	18 3	1 46	23 14	0 25	22 21	1 9	17 22	16 28	23 25	23 28	4 53	4 43	5 16
F 30	16 48	24 6	0s37	9 4	2 7	23 25	1 1	3 42	1 28	19 53	0 58	18 5	1 46	23 14	0 25	22 20	1 9	17 22	16 28	23 25	23 28	4 56	4 44	5 15
S 31	17s 5	24s22	1s44	9s37	2n 3	23s36	1s 4	3n28	1n28	19n51	0s58	18s 7	1n46	23s13	0s25	22n20	1s 9	17s22	16s28	23n25	23n28	4s59	4s44	5n15

Julian Day Number = 2295869.5, Delta T = 131.40 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'32, Lahiri = 17°54'32 Julian Calendar 1 Oct. 1573 == Greg. Calendar 11 Oct. 1573

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ASTRODIENST EPHEMERIS for the year 1573
geocentric

NOVEMBER 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 29	18♏27'53	27♑44	1♏30	15♐23	25♍17	2°R50	28♏27	13♑35	29°R54	24°R11	25♊36	27♊ 2	23♎55	5°R12	S 1
M 2	3 23 26	19°28'26	10♒50	2°58	16°37	25°53	2♊42	28°34	13°38	29♊53	24♓11	25°37	26°59	24° 1	5♓11	M 2
T 3	3 27 23	20°29'01	24°18	4°26	17°52	26°29	2°35	28°41	13°40	29°52	24°10	25°R37	26°56	24° 8	5°11	T 3
W 4	3 31 19	21°29'36	8♓10	5°56	19° 6	27° 4	2°27	28°48	13°43	29°50	24°10	25°36	26°53	24°15	5°11	W 4
T 5	3 35 16	22°30'13	22°27	7°26	20°20	27°40	2°19	28°55	13°45	29°49	24° 9	25°33	26°50	24°21	5°11	T 5
F 6	3 39 12	23°30'50	7♈ 5	8°58	21°34	28°15	2°11	29° 2	13°48	29°48	24° 9	25°29	26°46	24°28	5°D11	F 6
S 7	3 43 9	24°31'29	22° 1	10°30	22°49	28°51	2° 3	29° 9	13°50	29°47	24° 8	25°25	26°43	24°35	5°11	S 7
S 8	3 47 5	25°32'09	7♉ 7	12° 2	24° 3	29°26	1°55	29°16	13°53	29°45	24° 8	25°20	26°40	24°42	5°11	S 8
M 9	3 51 2	26°32'51	22°12	13°35	25°17	0♎ 2	1°47	29°23	13°56	29°44	24° 7	25°17	26°37	24°48	5°11	M 9
T 10	3 54 58	27°33'34	7♊ 9	15° 8	26°31	0°37	1°38	29°30	13°58	29°42	24° 7	25°14	26°34	24°55	5°11	T 10
W11	3 58 55	28°34'18	21°48	16°41	27°45	1°13	1°30	29°37	14° 1	29°41	24° 6	25°D13	26°31	25° 2	5°12	W11
T 12	4 2 52	29°35'04	6♋ 4	18°15	28°59	1°48	1°22	29°44	14° 4	29°40	24° 6	25°13	26°27	25° 8	5°12	T 12
F 13	4 6 48	0♐35'51	19°53	19°49	0♑13	2°23	1°14	29°51	14° 6	29°38	24° 6	25°15	26°24	25°15	5°13	F 13
S 14	4 10 45	1°36'40	3♌15	21°22	1°28	2°58	1° 6	29°59	14° 9	29°37	24° 5	25°16	26°21	25°22	5°13	S 14
S 15	4 14 41	2°37'30	16°12	22°56	2°42	3°34	0°57	0♐ 6	14°12	29°35	24° 5	25°18	26°18	25°28	5°14	S 15
M16	4 18 38	3°38'22	28°47	24°30	3°56	4° 9	0°49	0°13	14°15	29°34	24° 5	25°R19	26°15	25°35	5°14	M16
T 17	4 22 34	4°39'14	11♍ 4	26° 4	5°10	4°44	0°41	0°20	14°18	29°32	24° 4	25°19	26°12	25°42	5°15	T 17
W18	4 26 31	5°40'09	23° 8	27°38	6°24	5°19	0°33	0°27	14°21	29°31	24° 4	25°18	26° 8	25°49	5°15	W18
T 19	4 30 27	6°41'04	5♎ 3	29°11	7°38	5°54	0°25	0°34	14°24	29°29	24° 4	25°16	26° 5	25°55	5°16	T 19
F 20	4 34 24	7°42'01	16°54	0♐45	8°52	6°29	0°17	0°41	14°27	29°28	24° 4	25°13	26° 2	26° 2	5°17	F 20
S 21	4 38 21	8°42'59	28°45	2°19	10° 6	7° 4	0° 9	0°48	14°30	29°26	24° 3	25°10	25°59	26° 9	5°18	S 21
S 22	4 42 17	9°43'58	10♏38	3°53	11°20	7°38	0° 1	0°55	14°33	29°25	24° 3	25° 8	25°56	26°15	5°19	S 22
M23	4 46 14	10°44'59	22°36	5°27	12°34	8°13	29♉53	1° 2	14°36	29°23	24° 3	25° 5	25°52	26°22	5°20	M23
T 24	4 50 10	11°46'00	4♐42	7° 1	13°47	8°48	29°45	1° 9	14°39	29°21	24° 3	25° 4	25°49	26°29	5°21	T 24
W25	4 54 7	12°47'02	16°57	8°35	15° 1	9°22	29°37	1°16	14°42	29°20	24° 3	25° 3	25°46	26°36	5°22	W25
T 26	4 58 3	13°48'05	29°22	10° 9	16°15	9°57	29°30	1°23	14°45	29°18	24° 3	25°D 3	25°43	26°42	5°23	T 26
F 27	5 2 0	14°49'09	11♑59	11°43	17°29	10°31	29°22	1°30	14°49	29°17	24° 3	25° 3	25°40	26°49	5°24	F 27
S 28	5 5 56	15°50'14	24°48	13°17	18°43	11° 6	29°14	1°37	14°52	29°15	24°D 3	25° 4	25°37	26°56	5°26	S 28
S 29	5 9 53	16°51'19	7♒50	14°52	19°57	11°40	29° 7	1°44	14°55	29°13	24° 3	25° 5	25°33	27° 2	5°27	S 29
M30	5 13 50	17♐52'24	21♒ 7	16♐26	21♑10	12♎14	28♉59	1♐51	14♑58	29♊12	24♓ 3	25♊ 6	25♊30	27♎ 9	5♓28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s22	23s23	2s46	10s11	1n58	23s47	1s 6	3n14	1n28	19n50	0s58	18s 8	1n46	23s13	0s25	22n20	1s 9	17s22	16s28	23n25	23n28	5s 2	4s45	5n15
M 2	17 38	21 7	3 42	10 45	1 53	23 57	1 8	3 0	1 29	19 48	0 58	18 10	1 46	23 13	0 25	22 20	1 9	17 22	16 27	23 25	23 28	5 4	4 45	5 14
T 3	17 55	17 38	4 27	11 20	1 48	24 7	1 11	2 46	1 29	19 47	0 58	18 11	1 46	23 13	0 25	22 20	1 9	17 22	16 27	23 25	23 28	5 7	4 46	5 14
W 4	18 11	13 7	4 58	11 55	1 42	24 16	1 13	2 32	1 29	19 45	0 58	18 13	1 46	23 12	0 25	22 20	1 9	17 22	16 27	23 25	23 27	5 10	4 46	5 13
T 5	18 26	7 46	5 12	12 30	1 36	24 24	1 15	2 18	1 29	19 44	0 58	18 15	1 46	23 12	0 25	22 20	1 9	17 22	16 26	23 25	23 27	5 13	4 46	5 13
F 6	18 42	1 52	5 6	13 6	1 30	24 31	1 17	2 4	1 29	19 42	0 57	18 16	1 46	23 12	0 25	22 20	1 9	17 22	16 26	23 25	23 27	5 16	4 47	5 13
S 7	18 57	4n16	4 39	13 41	1 24	24 37	1 20	1 50	1 30	19 41	0 57	18 18	1 46	23 12	0 25	22 20	1 9	17 22	16 26	23 25	23 27	5 19	4 47	5 12
S 8	19 11	10 14	3 53	14 15	1 17	24 43	1 22	1 36	1 30	19 39	0 57	18 19	1 45	23 11	0 25	22 20	1 9	17 22	16 25	23 25	23 27	5 21	4 47	5 12
M 9	19 26	15 36	2 51	14 50	1 11	24 48	1 24	1 22	1 30	19 38	0 57	18 21	1 45	23 11	0 25	22 20	1 9	17 22	16 25	23 25	23 27	5 24	4 48	5 12
T 10	19 40	19 57	1 38	15 24	1 4	24 53	1 26	1 8	1 30	19 36	0 57	18 23	1 45	23 11	0 25	22 20	1 9	17 22	16 25	23 25	23 27	5 27	4 48	5 11
W11	19 53	22 56	0 19	15 57	0 57	24 56	1 28	0 54	1 31	19 35	0 57	18 24	1 45	23 10	0 25	22 20	1 9	17 22	16 25	23 24	23 27	5 30	4 48	5 11
T 12	20 7	24 21	0n59	16 30	0 50	24 59	1 29	0 40	1 31	19 33	0 57	18 26	1 45	23 10	0 25	22 20	1 9	17 21	16 24	23 24	23 27	5 33	4 48	5 11
F 13	20 19	24 11	2 12	17 2	0 43	25 1	1 31	0 26	1 31	19 32	0 57	18 27	1 45	23 10	0 25	22 20	1 9	17 21	16 24	23 25	23 27	5 35	4 49	5 10
S 14	20 32	22 37	3 14	17 34	0 36	25 2	1 33	0 12	1 31	19 30	0 57	18 29	1 45	23 9	0 25	22 20	1 9	17 21	16 24	23 25	23 27	5 38	4 49	5 10
S 15	20 44	19 55	4 5	18 5	0 29	25 3	1 35	0s 1	1 31	19 29	0 56	18 30	1 45	23 9	0 25	22 20	1 9	17 21	16 23	23 25	23 27	5 41	4 49	5 9
M16	20 56	16 20	4 42	18 35	0 22	25 3	1 36	0 15	1 31	19 27	0 56	18 32	1 45	23 9	0 25	22 20	1 9	17 21	16 23	23 25	23 26	5 44	4 49	5 9
T 17	21 7	12 8	5 6	19 4	0 15	25 2	1 38	0 29	1 32	19 26	0 56	18 33	1 45	23 9	0 25	22 20	1 9	17 21	16 23	23 25	23 26	5 47	4 49	5 9
W18	21 18	7 33	5 15	19 33	0 8	25 0	1 40	0 43	1 32	19 24	0 56	18 35	1 45	23 8	0 25	22 20	1 9	17 20	16 22	23 25	23 26	5 50	4 49	5 8
T 19	21 29	2 44	5 11	20 0	0 1	24 57	1 41	0 56	1 32	19 22	0 56	18 36	1 45	23 8	0 25	22 20	1 9	17 20	16 22	23 25	23 26	5 52	4 49	5 8
F 20	21 39	2s 9	4 53	20 27	0s 5	24 54	1 43	1 10	1 32	19 21	0 56	18 38	1 45	23 8	0 25	22 20	1 9	17 20	16 22	23 24	23 26	5 55	4 49	5 8
S 21	21 48	6 57	4 23	20 52	0 12	24 50	1 44	1 24	1 32	19 19	0 56	18 39	1 45	23 7	0 25	22 20	1 9	17 20	16 21	23 24	23 26	5 58	4 49	5 7
S 22	21 58	11 32	3 42	21 17	0 19	24 45	1 45	1 37	1 33	19 18	0 55	18 41	1 45	23 7	0 25	22 20	1 9	17 19	16 21	23 24	23 26	6 1	4 49	5 7
M23	22 7	15 43	2 50	21 41	0 26	24 40	1 46	1 51	1 33	19 16	0 55	18 42	1 45	23 7	0 25	22 20	1 9	17 19	16 21	23 24	23 26	6 4	4 49	5 7
T 24	22 15	19 19	1 50	22 3	0 32	24 34	1 48	2 4	1 33	19 15	0 55	18 44	1 45	23 6	0 25	22 20	1 9	17 19	16 20	23 24	23 26	6 6	4 49	5 6
W25	22 23	22 7	0 45	22 25	0 38	24 27	1 49	2 18	1 33	19 13	0 55	18 45	1 45	23 6	0 25	22 20	1 9	17 19	16 20	23 24	23 26	6 9	4 49	5 6
T 26	22 31	23 54	0s24	22 45	0 45	24 19	1 50	2 31	1 33	19 12	0 55	18 46	1 45	23 5	0 25	22 20	1 9	17 18	16 19	23 24	23 26	6 12	4 49	5 5
F 27	22 38	24 29	1 33	23 5	0 51	24 11	1 51	2 45	1 33	19 10	0 55	18 48	1 45	23 5	0 25	22 20	1 9	17 18	16 19	23 24	23 25	6 15	4 49	5 5
S 28	22 44	23 48	2 38	23 23	0 57	24 1	1 51	2 58	1 34	19 9	0 54	18 49	1 45	23 5	0 25	22 20	1 9	17 18	16 19	23 24	23 25	6 18	4 49	5 5
S 29	22 51	21 49	3 36	23 40	1 2	23 51	1 52	3 11	1 34	19 8	0 54	18 51	1 45	23 4	0 25	22 20	1 9	17 17	16 18	23 24	23 25	6 21	4 49	5 4
M30	22s56	18s39	4s23	23s56	1s 8	23s41	1s53	3s24	1n34	19n 6	0s54	18s52	1n45	23s 4	0s25	22n20	1s 9	17s17	16s18	23n24	23n25	6s23	4s49	5n 4

Julian Day Number = 2295900.5, Delta T = 131.24 sec
Ecliptic obliquity = 23°29'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'36, Lahiri = 17°54'36 Julian Calendar 1 Nov. 1573 == Greg. Calendar 11 Nov. 1573

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1573
geocentric

DECEMBER 1573 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 17 46	18♐53'30	4♓39	18♐ 1	22♑24	12♎49	28°R52	1♐58	15♑ 2	29°R10	24♓ 3	25♊ 6	25♊27	27♎16	5♓30	T 1
W 2	5 21 43	19°54'36	18°27	19°35	23°38	13°23	28♉45	2° 5	15° 5	29♊ 8	24° 3	25°R 6	25°24	27°22	5°31	W 2
T 3	5 25 39	20°55'43	2♈31	21°10	24°51	13°57	28°38	2°12	15° 8	29° 7	24° 3	25° 6	25°21	27°29	5°33	T 3
F 4	5 29 36	21°56'49	16°50	22°45	26° 5	14°31	28°31	2°18	15°12	29° 5	24° 3	25° 6	25°18	27°36	5°35	F 4
S 5	5 33 32	22°57'56	1♉21	24°20	27°19	15° 5	28°24	2°25	15°15	29° 3	24° 3	25° 6	25°14	27°43	5°36	S 5
S 6	5 37 29	23°59'03	15°59	25°55	28°32	15°39	28°18	2°32	15°18	29° 2	24° 3	25° 6	25°11	27°49	5°38	S 6
M 7	5 41 25	25° 0'11	0♊39	27°31	29°46	16°12	28°11	2°39	15°22	29° 0	24° 4	25°D 6	25° 8	27°56	5°40	M 7
T 8	5 45 22	26° 1'18	15°15	29° 7	0♒59	16°46	28° 5	2°46	15°25	28°58	24° 4	25° 6	25° 5	28° 3	5°42	T 8
W 9	5 49 19	27° 2'26	29°40	0♑43	2°12	17°20	27°58	2°52	15°28	28°57	24° 4	25°R 6	25° 2	28° 9	5°43	W 9
T 10	5 53 15	28° 3'35	13♋48	2°19	3°26	17°53	27°52	2°59	15°32	28°55	24° 4	25° 6	24°58	28°16	5°45	T 10
F 11	5 57 12	29° 4'44	27°36	3°55	4°39	18°27	27°46	3° 6	15°35	28°53	24° 5	25° 5	24°55	28°23	5°47	F 11
S 12	6 1 8	0♑ 5'53	11♌ 1	5°32	5°52	19° 0	27°41	3°12	15°39	28°51	24° 5	25° 5	24°52	28°29	5°49	S 12
S 13	6 5 5	1° 7'02	24° 3	7° 9	7° 6	19°33	27°35	3°19	15°42	28°50	24° 5	25° 4	24°49	28°36	5°52	S 13
M14	6 9 1	2° 8'12	6♍44	8°46	8°19	20° 7	27°29	3°25	15°46	28°48	24° 6	25° 3	24°46	28°43	5°54	M14
T 15	6 12 58	3° 9'22	19° 6	10°24	9°32	20°40	27°24	3°32	15°49	28°46	24° 6	25° 3	24°43	28°50	5°56	T 15
W16	6 16 54	4°10'32	1♎12	12° 1	10°45	21°13	27°19	3°38	15°53	28°45	24° 6	25°D 2	24°39	28°56	5°58	W16
T 17	6 20 51	5°11'43	13° 9	13°39	11°58	21°46	27°14	3°45	15°56	28°43	24° 7	25° 2	24°36	29° 3	6° 0	T 17
F 18	6 24 48	6°12'54	25° 1	15°17	13°11	22°19	27° 9	3°51	16° 0	28°41	24° 7	25° 3	24°33	29°10	6° 3	F 18
S 19	6 28 44	7°14'06	6♏51	16°55	14°24	22°52	27° 4	3°57	16° 3	28°40	24° 8	25° 4	24°30	29°16	6° 5	S 19
S 20	6 32 41	8°15'17	18°46	18°34	15°37	23°24	27° 0	4° 4	16° 7	28°38	24° 8	25° 5	24°27	29°23	6° 8	S 20
M21	6 36 37	9°16'29	0♐48	20°12	16°49	23°57	26°56	4°10	16°10	28°36	24° 9	25° 7	24°24	29°30	6°10	M21
T 22	6 40 34	10°17'40	13° 2	21°50	18° 2	24°29	26°52	4°16	16°14	28°35	24° 9	25° 8	24°20	29°36	6°13	T 22
W23	6 44 30	11°18'52	25°29	23°28	19°15	25° 2	26°48	4°22	16°17	28°33	24°10	25°R 8	24°17	29°43	6°15	W23
T 24	6 48 27	12°20'04	8♑12	25° 6	20°27	25°34	26°44	4°28	16°21	28°31	24°11	25° 7	24°14	29°50	6°18	T 24
F 25	6 52 24	13°21'15	21°10	26°44	21°40	26° 6	26°40	4°34	16°24	28°30	24°11	25° 6	24°11	29°57	6°20	F 25
S 26	6 56 20	14°22'26	4♒23	28°21	22°52	26°38	26°37	4°40	16°28	28°28	24°12	25° 4	24° 8	0♏ 3	6°23	S 26
S 27	7 0 17	15°23'37	17°51	29°57	24° 5	27°10	26°34	4°46	16°32	28°26	24°12	25° 1	24° 4	0°10	6°26	S 27
M28	7 4 13	16°24'46	1♓30	1♒32	25°17	27°42	26°31	4°52	16°35	28°25	24°13	24°57	24° 1	0°17	6°29	M28
T 29	7 8 10	17°25'56	15°21	3° 7	26°29	28°14	26°28	4°58	16°39	28°23	24°14	24°54	23°58	0°23	6°31	T 29
W30	7 12 6	18°27'04	29°19	4°39	27°41	28°46	26°26	5° 4	16°42	28°22	24°15	24°52	23°55	0°30	6°34	W30
T 31	7 16 3	19♑28'12	13♈24	6♒10	28♒54	29♎17	26♉23	5♐10	16♑46	28♊20	24♓15	24°D51	23♊52	0♏37	6♓37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	14s26	4s57	24s10	1s14	23s30	1s53	3s38	1n34	19n 5	0s54	18s53	1n45	23s 4	0s25	22n20	1s 9	17s17	16s18	23n24	23n25	6s26	4s48	5n 4
W 2	23 7	9 24	5 15	24 24	1 19	23 18	1 54	3 51	1 34	19 3	0 54	18 55	1 45	23 3	0 25	22 20	1 9	17 16	16 17	23 24	23 25	6 29	4 48	5 3
T 3	23 11	3 48	5 15	24 36	1 24	23 5	1 54	4 4	1 34	19 2	0 53	18 56	1 45	23 3	0 25	22 20	1 9	17 16	16 17	23 24	23 25	6 32	4 48	5 3
F 4	23 15	2n 5	4 55	24 46	1 29	22 52	1 55	4 17	1 35	19 1	0 53	18 57	1 45	23 3	0 25	22 20	1 9	17 16	16 17	23 24	23 25	6 35	4 48	5 3
S 5	23 18	7 58	4 16	24 56	1 33	22 38	1 55	4 30	1 35	18 59	0 53	18 59	1 45	23 2	0 25	22 20	1 9	17 15	16 16	23 24	23 25	6 38	4 47	5 2
S 6	23 21	13 27	3 21	25 4	1 38	22 23	1 55	4 43	1 35	18 58	0 53	19 0	1 45	23 2	0 25	22 20	1 9	17 15	16 16	23 24	23 24	6 40	4 47	5 2
M 7	23 24	18 11	2 12	25 10	1 42	22 8	1 55	4 56	1 35	18 57	0 53	19 1	1 45	23 1	0 25	22 20	1 9	17 14	16 16	23 24	23 24	6 43	4 47	5 2
T 8	23 26	21 46	0 54	25 15	1 46	21 52	1 55	5 8	1 35	18 56	0 52	19 3	1 45	23 1	0 25	22 20	1 9	17 14	16 15	23 24	23 24	6 46	4 46	5 1
W 9	23 28	23 55	0n25	25 19	1 50	21 35	1 55	5 21	1 35	18 55	0 52	19 4	1 45	23 1	0 25	22 20	1 9	17 14	16 15	23 24	23 24	6 49	4 46	5 1
T 10	23 29	24 28	1 42	25 22	1 53	21 18	1 55	5 34	1 35	18 53	0 52	19 5	1 45	23 0	0 25	22 20	1 9	17 13	16 15	23 24	23 24	6 52	4 46	5 1
F 11	23 29	23 29	2 51	25 22	1 56	21 0	1 55	5 46	1 36	18 52	0 52	19 6	1 45	23 0	0 25	22 20	1 9	17 13	16 14	23 24	23 24	6 54	4 45	5 0
S 12	23 30	21 10	3 48	25 22	1 59	20 42	1 55	5 59	1 36	18 51	0 51	19 8	1 45	22 59	0 25	22 20	1 9	17 12	16 14	23 24	23 24	6 57	4 45	5 0
S 13	23 29	17 48	4 32	25 19	2 1	20 23	1 54	6 11	1 36	18 50	0 51	19 9	1 45	22 59	0 25	22 20	1 9	17 12	16 13	23 24	23 24	7 0	4 44	5 0
M14	23 29	13 43	5 1	25 16	2 4	20 4	1 54	6 24	1 36	18 49	0 51	19 10	1 45	22 59	0 25	22 20	1 9	17 11	16 13	23 24	23 23	7 3	4 44	4 59
T 15	23 27	9 9	5 15	25 10	2 5	19 44	1 53	6 36	1 36	18 48	0 51	19 11	1 45	22 58	0 25	22 20	1 9	17 11	16 13	23 24	23 23	7 6	4 43	4 59
W16	23 26	4 20	5 15	25 3	2 7	19 23	1 53	6 49	1 36	18 47	0 50	19 12	1 45	22 58	0 25	22 20	1 9	17 10	16 12	23 24	23 23	7 8	4 43	4 59
T 17	23 24	0s35	5 1	24 55	2 8	19 2	1 52	7 1	1 36	18 46	0 50	19 14	1 45	22 57	0 25	22 20	1 9	17 10	16 12	23 24	23 23	7 11	4 42	4 58
F 18	23 21	5 26	4 35	24 45	2 8	18 40	1 51	7 13	1 36	18 45	0 50	19 15	1 45	22 57	0 25	22 20	1 9	17 9	16 12	23 24	23 23	7 14	4 42	4 58
S 19	23 18	10 6	3 57	24 33	2 9	18 18	1 50	7 25	1 37	18 45	0 50	19 16	1 45	22 57	0 25	22 20	1 9	17 9	16 11	23 24	23 23	7 17	4 41	4 58
S 20	23 14	14 26	3 8	24 19	2 8	17 56	1 49	7 37	1 37	18 44	0 49	19 17	1 45	22 56	0 25	22 20	1 9	17 8	16 11	23 24	23 23	7 20	4 40	4 58
M21	23 10	18 14	2 11	24 4	2 7	17 33	1 48	7 49	1 37	18 43	0 49	19 18	1 45	22 56	0 25	22 20	1 9	17 8	16 11	23 24	23 23	7 23	4 40	4 57
T 22	23 6	21 19	1 6	23 48	2 6	17 9	1 47	8 1	1 37	18 42	0 49	19 19	1 45	22 55	0 25	22 20	1 9	17 7	16 10	23 24	23 22	7 25	4 39	4 57
W23	23 1	23 27	0s 2	23 29	2 4	16 45	1 45	8 12	1 37	18 42	0 49	19 20	1 45	22 55	0 25	22 20	1 9	17 7	16 10	23 24	23 22	7 28	4 38	4 57
T 24	22 55	24 26	1 12	23 9	2 2	16 21	1 44	8 24	1 37	18 41	0 48	19 21	1 45	22 54	0 25	22 20	1 9	17 6	16 10	23 24	23 22	7 31	4 38	4 56
F 25	22 49	24 7	2 19	22 48	1 59	15 56	1 42	8 36	1 37	18 41	0 48	19 22	1 46	22 54	0 25	22 20	1 9	17 6	16 9	23 24	23 22	7 34	4 37	4 56
S 26	22 43	22 27	3 20	22 25	1 55	15 31	1 41	8 47	1 37	18 40	0 48	19 23	1 46	22 54	0 25	22 20	1 9	17 5	16 9	23 24	23 22	7 37	4 36	4 56
S 27	22 36	19 30	4 11	22 1	1 51	15 5	1 39	8 59	1 37	18 40	0 48	19 24	1 46	22 53	0 25	22 20	1 9	17 5	16 9	23 24	23 22	7 39	4 36	4 56
M28	22 29	15 27	4 49	21 35	1 46	14 39	1 37	9 10	1 37	18 39	0 47	19 25	1 46	22 53	0 25	22 20	1 9	17 4	16 8	23 24	23 22	7 42	4 35	4 55
T 29	22 21	10 33	5 10	21 7	1 40	14 13	1 35	9 21	1 37	18 39	0 47	19 26	1 46	22 52	0 25	22 20	1 9	17 4	16 8	23 24	23 21	7 45	4 34	4 55
W30	22 13	5 4	5 13	20 39	1 33	13 46	1 33	9 32	1 37	18 38	0 47	19 27	1 46	22 52	0 25	22 20	1 9	17 3	16 8	23 24	23 21	7 48	4 33	4 55
T 31	22s 5	0n43	4s58	20s 9	1s26	13s19	1s31	9s44	1n37	18n38	0s47	19s28	1n46	22s51	0s25	22n20	1s 9	17s 2	16s 7	23n24	23n21	7s51	4s32	4n54

Julian Day Number = 2295930.5, Delta T = 131.09 sec
Ecliptic obliquity = 23°29'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'40, Lahiri = 17°54'40 Julian Calendar 1 Dec. 1573 == Greg. Calendar 11 Dec. 1573

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

JANUARY 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 19 59	20♑29'19	27♈33	7♒38	0♓ 5	29♎48	26°R21	5♐15	16♑49	28°R18	24♓16	24♊51	23♊49	0♏43	6♓40	F 1
S 2	7 23 56	21°30'25	11♉44	9° 4	1°17	0♏20	26♉19	5°21	16°53	28♊17	24°17	24°52	23°45	0°50	6°43	S 2
S 3	7 27 53	22°31'30	25°57	10°27	2°29	0°51	26°18	5°27	16°56	28°15	24°18	24°54	23°42	0°57	6°46	S 3
M 4	7 31 49	23°32'35	10♊ 7	11°45	3°41	1°22	26°16	5°32	17° 0	28°14	24°18	24°55	23°39	1° 4	6°49	M 4
T 5	7 35 46	24°33'38	24°14	13° 0	4°52	1°53	26°15	5°38	17° 4	28°12	24°19	24°R56	23°36	1°10	6°52	T 5
W 6	7 39 42	25°34'41	8♋12	14° 9	6° 4	2°23	26°14	5°43	17° 7	28°11	24°20	24°55	23°33	1°17	6°55	W 6
T 7	7 43 39	26°35'43	22° 0	15°11	7°15	2°54	26°13	5°48	17°11	28° 9	24°21	24°53	23°30	1°24	6°59	T 7
F 8	7 47 35	27°36'44	5♌33	16° 7	8°27	3°25	26°12	5°54	17°14	28° 8	24°22	24°49	23°26	1°30	7° 2	F 8
S 9	7 51 32	28°37'44	18°49	16°56	9°38	3°55	26°12	5°59	17°18	28° 7	24°23	24°43	23°23	1°37	7° 5	S 9
S 10	7 55 28	29°38'43	1♍48	17°36	10°49	4°25	26°11	6° 4	17°21	28° 5	24°24	24°37	23°20	1°44	7° 8	S 10
M11	7 59 25	0♒39'42	14°28	18° 6	12° 0	4°55	26°D11	6° 9	17°25	28° 4	24°25	24°31	23°17	1°50	7°11	M11
T 12	8 3 22	1°40'40	26°51	18°26	13°11	5°25	26°11	6°14	17°28	28° 2	24°26	24°25	23°14	1°57	7°15	T 12
W13	8 7 18	2°41'37	8♎59	18°R36	14°21	5°55	26°12	6°19	17°32	28° 1	24°27	24°21	23°10	2° 4	7°18	W13
T 14	8 11 15	3°42'33	20°57	18°35	15°32	6°25	26°12	6°24	17°35	28° 0	24°28	24°18	23° 7	2°10	7°22	T 14
F 15	8 15 11	4°43'29	2♏49	18°22	16°43	6°54	26°13	6°29	17°38	27°58	24°29	24°D17	23° 4	2°17	7°25	F 15
S 16	8 19 8	5°44'24	14°39	17°58	17°53	7°23	26°14	6°33	17°42	27°57	24°30	24°17	23° 1	2°24	7°28	S 16
S 17	8 23 4	6°45'18	26°34	17°23	19° 3	7°52	26°15	6°38	17°45	27°56	24°31	24°19	22°58	2°31	7°32	S 17
M18	8 27 1	7°46'11	8♐37	16°39	20°13	8°21	26°17	6°43	17°49	27°55	24°32	24°20	22°55	2°37	7°35	M18
T 19	8 30 57	8°47'03	20°54	15°45	21°23	8°50	26°18	6°47	17°52	27°54	24°33	24°R21	22°51	2°44	7°39	T 19
W20	8 34 54	9°47'55	3♑29	14°44	22°33	9°19	26°20	6°52	17°55	27°52	24°34	24°21	22°48	2°51	7°42	W20
T 21	8 38 51	10°48'45	16°23	13°38	23°43	9°47	26°22	6°56	17°59	27°51	24°35	24°19	22°45	2°57	7°46	T 21
F 22	8 42 47	11°49'34	29°40	12°27	24°52	10°15	26°24	7° 0	18° 2	27°50	24°37	24°14	22°42	3° 4	7°49	F 22
S 23	8 46 44	12°50'22	13♒17	11°15	26° 2	10°44	26°26	7° 4	18° 6	27°49	24°38	24° 7	22°39	3°11	7°53	S 23
S 24	8 50 40	13°51'09	27°12	10° 4	27°11	11°11	26°29	7° 8	18° 9	27°48	24°39	23°59	22°36	3°17	7°57	S 24
M25	8 54 37	14°51'54	11♓22	8°55	28°20	11°39	26°32	7°13	18°12	27°47	24°40	23°50	22°32	3°24	8° 0	M25
T 26	8 58 33	15°52'38	25°40	7°49	29°29	12° 6	26°35	7°16	18°15	27°46	24°41	23°42	22°29	3°31	8° 4	T 26
W27	9 2 30	16°53'20	10♈ 1	6°49	0♈38	12°34	26°38	7°20	18°19	27°45	24°43	23°35	22°26	3°37	8° 8	W27
T 28	9 6 26	17°54'01	24°20	5°55	1°46	13° 1	26°41	7°24	18°22	27°44	24°44	23°30	22°23	3°44	8°11	T 28
F 29	9 10 23	18°54'39	8♉35	5° 8	2°54	13°28	26°45	7°28	18°25	27°43	24°45	23°28	22°20	3°51	8°15	F 29
S 30	9 14 20	19°55'16	22°42	4°29	4° 3	13°54	26°48	7°31	18°28	27°42	24°46	23°D28	22°16	3°58	8°19	S 30
S 31	9 18 16	20♒55'51	6♊40	3♒57	5♈11	14♏21	26♉52	7♐35	18♑31	27♊41	24♓48	23♊28	22♊13	4♏ 4	8♓23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s56	6n30	4 s25	19 s39	1 s17	12 s51	1 s29	9 s55	1n38	18n38	0 s46	19 s29	1n46	22 s51	0 s25	22n20	1 s 9	17 s 2	16 s 7	23n24	23n21	7 s53	4 s32	4n54
S 2	21 46	11 59	3 35	19 8	1 8	12 24	1 27	10 5	1 38	18 38	0 46	19 30	1 46	22 51	0 25	22 20	1 9	17 1	16 7	23 24	23 21	7 56	4 31	4 54
S 3	21 36	16 49	2 32	18 36	0 58	11 56	1 25	10 16	1 38	18 37	0 46	19 31	1 46	22 50	0 25	22 20	1 9	17 1	16 7	23 24	23 21	7 59	4 30	4 54
M 4	21 26	20 42	1 20	18 3	0 47	11 27	1 22	10 27	1 38	18 37	0 46	19 32	1 46	22 50	0 25	22 20	1 9	17 0	16 6	23 24	23 21	8 2	4 29	4 53
T 5	21 16	23 18	0 4	17 31	0 35	10 59	1 20	10 38	1 38	18 37	0 45	19 33	1 46	22 49	0 25	22 20	1 9	16 59	16 6	23 24	23 20	8 5	4 28	4 53
W 6	21 5	24 26	1n12	16 59	0 22	10 30	1 17	10 48	1 38	18 37	0 45	19 34	1 46	22 49	0 25	22 20	1 9	16 59	16 6	23 24	23 20	8 8	4 27	4 53
T 7	20 53	24 2	2 23	16 27	0 8	10 1	1 14	10 59	1 38	18 37	0 45	19 35	1 46	22 48	0 25	22 20	1 9	16 58	16 5	23 24	23 20	8 10	4 26	4 53
F 8	20 41	22 13	3 24	15 56	0n 6	9 32	1 11	11 9	1 38	18 37	0 45	19 36	1 46	22 48	0 25	22 20	1 9	16 58	16 5	23 24	23 20	8 13	4 25	4 53
S 9	20 29	19 13	4 12	15 27	0 22	9 2	1 9	11 19	1 38	18 38	0 44	19 36	1 47	22 47	0 25	22 20	1 9	16 57	16 5	23 23	23 20	8 16	4 24	4 52
S 10	20 16	15 19	4 47	14 59	0 38	8 32	1 6	11 29	1 38	18 38	0 44	19 37	1 47	22 47	0 25	22 20	1 9	16 56	16 5	23 23	23 20	8 19	4 23	4 52
M11	20 3	10 50	5 6	14 34	0 55	8 2	1 3	11 39	1 38	18 38	0 44	19 38	1 47	22 47	0 25	22 20	1 9	16 56	16 4	23 23	23 19	8 22	4 22	4 52
T 12	19 50	6 0	5 10	14 11	1 12	7 32	0 59	11 49	1 38	18 38	0 44	19 39	1 47	22 46	0 25	22 20	1 9	16 55	16 4	23 23	23 19	8 24	4 21	4 52
W13	19 36	1 2	5 1	13 51	1 30	7 2	0 56	11 59	1 38	18 39	0 43	19 39	1 47	22 46	0 25	22 20	1 9	16 54	16 4	23 22	23 19	8 27	4 20	4 51
T 14	19 22	3 s54	4 38	13 35	1 48	6 32	0 53	12 9	1 38	18 39	0 43	19 40	1 47	22 45	0 25	22 20	1 9	16 54	16 3	23 22	23 19	8 30	4 19	4 51
F 15	19 8	8 40	4 4	13 22	2 5	6 1	0 49	12 19	1 38	18 39	0 43	19 41	1 47	22 45	0 25	22 20	1 9	16 53	16 3	23 22	23 19	8 33	4 18	4 51
S 16	18 53	13 6	3 19	13 13	2 22	5 30	0 46	12 28	1 38	18 40	0 43	19 42	1 47	22 44	0 25	22 20	1 9	16 52	16 3	23 22	23 19	8 36	4 17	4 51
S 17	18 38	17 5	2 25	13 9	2 38	4 59	0 42	12 38	1 38	18 40	0 42	19 42	1 47	22 44	0 25	22 20	1 9	16 52	16 3	23 22	23 18	8 38	4 16	4 51
M18	18 22	20 24	1 24	13 8	2 53	4 29	0 39	12 47	1 38	18 41	0 42	19 43	1 47	22 44	0 25	22 20	1 9	16 51	16 2	23 22	23 18	8 41	4 15	4 50
T 19	18 6	22 52	0 19	13 11	3 7	3 57	0 35	12 56	1 37	18 42	0 42	19 44	1 48	22 43	0 25	22 20	1 9	16 50	16 2	23 22	23 18	8 44	4 14	4 50
W20	17 50	24 16	0 s49	13 17	3 18	3 26	0 31	13 5	1 37	18 42	0 42	19 44	1 48	22 43	0 25	22 20	1 8	16 50	16 2	23 22	23 18	8 47	4 13	4 50
T 21	17 34	24 25	1 56	13 27	3 28	2 55	0 27	13 15	1 37	18 43	0 41	19 45	1 48	22 42	0 25	22 20	1 8	16 49	16 2	23 22	23 18	8 50	4 12	4 50
F 22	17 17	23 11	2 59	13 40	3 35	2 24	0 23	13 23	1 37	18 44	0 41	19 45	1 48	22 42	0 25	22 20	1 8	16 48	16 1	23 22	23 18	8 52	4 10	4 50
S 23	17 0	20 35	3 53	13 55	3 40	1 53	0 19	13 32	1 37	18 44	0 41	19 46	1 48	22 41	0 25	22 20	1 8	16 48	16 1	23 22	23 17	8 55	4 9	4 49
S 24	16 42	16 45	4 34	14 12	3 42	1 21	0 15	13 41	1 37	18 45	0 41	19 47	1 48	22 41	0 25	22 20	1 8	16 47	16 1	23 21	23 17	8 58	4 8	4 49
M25	16 25	11 55	4 59	14 30	3 42	0 50	0 11	13 50	1 37	18 46	0 40	19 47	1 48	22 41	0 25	22 20	1 8	16 46	16 1	23 21	23 17	9 1	4 7	4 49
T 26	16 7	6 24	5 6	14 49	3 40	0 19	0 7	13 58	1 37	18 47	0 40	19 48	1 48	22 40	0 25	22 20	1 8	16 46	16 1	23 21	23 17	9 4	4 6	4 49
W27	15 49	0 32	4 54	15 8	3 35	0n13	0 2	14 6	1 37	18 48	0 40	19 48	1 48	22 40	0 25	22 20	1 8	16 45	16 0	23 20	23 17	9 6	4 4	4 49
T 28	15 30	5n22	4 23	15 27	3 29	0 44	0n 2	14 15	1 37	18 49	0 40	19 49	1 48	22 39	0 26	22 20	1 8	16 44	16 0	23 20	23 17	9 9	4 3	4 49
F 29	15 11	10 58	3 37	15 46	3 21	1 15	0 6	14 23	1 36	18 50	0 39	19 49	1 49	22 39	0 26	22 20	1 8	16 44	16 0	23 20	23 16	9 12	4 2	4 49
S 30	14 52	15 57	2 37	16 4	3 12	1 47	0 11	14 31	1 36	18 51	0 39	19 50	1 49	22 38	0 26	22 20	1 8	16 43	16 0	23 20	23 16	9 15	4 1	4 48
S 31	14 s33	20n 1	1 s29	16 s22	3n 2	2n18	0n16	14 s39	1n36	18n52	0 s39	19 s50	1n49	22 s38	0 s26	22n20	1 s 8	16 s42	16 s 0	23n20	23n16	9 s18	3 s59	4n48

Julian Day Number = 2295961.5, Delta T = 130.93 sec
Ecliptic obliquity = 23°29'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'44, Lahiri = 17°54'45 Julian Calendar 1 Jan. 1574 == Greg. Calendar 11 Jan. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

FEBRUARY 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 22 13	21♒56'25	20♊30	3°R33	6♈18	14♏47	26♉56	7♐38	18♑34	27°R40	24♓49	23°R29	22♊10	4♏11	8♓26	M 1
T 2	9 26 9	22°56'57	4♋10	3♒17	7°26	15°13	27° 0	7°42	18°38	27♊39	24°50	23♊28	22° 7	4°18	8°30	T 2
W 3	9 30 6	23°57'26	17°41	3° 9	8°33	15°38	27° 5	7°45	18°41	27°39	24°52	23°26	22° 4	4°24	8°34	W 3
T 4	9 34 2	24°57'54	1♌ 3	3°D 7	9°40	16° 4	27°10	7°48	18°44	27°38	24°53	23°21	22° 1	4°31	8°38	T 4
F 5	9 37 59	25°58'21	14°13	3°12	10°47	16°29	27°14	7°51	18°47	27°37	24°54	23°13	21°57	4°38	8°42	F 5
S 6	9 41 55	26°58'45	27°12	3°24	11°54	16°54	27°19	7°54	18°50	27°36	24°56	23° 2	21°54	4°44	8°45	S 6
S 7	9 45 52	27°59'08	9♍57	3°42	13° 1	17°18	27°24	7°57	18°53	27°36	24°57	22°50	21°51	4°51	8°49	S 7
M 8	9 49 49	28°59'29	22°28	4° 5	14° 7	17°43	27°30	8° 0	18°56	27°35	24°58	22°38	21°48	4°58	8°53	M 8
T 9	9 53 45	29°59'48	4♎46	4°34	15°13	18° 7	27°35	8° 3	18°58	27°34	25° 0	22°26	21°45	5° 4	8°57	T 9
W10	9 57 42	1♓ 0'06	16°53	5° 7	16°18	18°31	27°41	8° 5	19° 1	27°34	25° 1	22°16	21°42	5°11	9° 1	W10
T 11	10 1 38	2° 0'23	28°49	5°45	17°24	18°54	27°47	8° 8	19° 4	27°33	25° 2	22° 9	21°38	5°18	9° 5	T 11
F 12	10 5 35	3° 0'38	10♏40	6°27	18°29	19°18	27°53	8°11	19° 7	27°33	25° 4	22° 4	21°35	5°24	9° 9	F 12
S 13	10 9 31	4° 0'51	22°29	7°12	19°34	19°41	27°59	8°13	19°10	27°32	25° 5	22° 2	21°32	5°31	9°12	S 13
S 14	10 13 28	5° 1'03	4♐22	8° 2	20°39	20° 3	28° 5	8°15	19°12	27°32	25° 7	22°D 1	21°29	5°38	9°16	S 14
M15	10 17 24	6° 1'13	16°23	8°54	21°43	20°26	28°12	8°17	19°15	27°31	25° 8	22°R 1	21°26	5°45	9°20	M15
T 16	10 21 21	7° 1'22	28°39	9°50	22°47	20°48	28°18	8°19	19°18	27°31	25°10	22° 1	21°22	5°51	9°24	T 16
W17	10 25 18	8° 1'29	11♑15	10°49	23°51	21°10	28°25	8°21	19°21	27°31	25°11	22° 0	21°19	5°58	9°28	W17
T 18	10 29 14	9° 1'35	24°14	11°50	24°54	21°31	28°32	8°23	19°23	27°30	25°12	21°56	21°16	6° 5	9°32	T 18
F 19	10 33 11	10° 1'39	7♒39	12°54	25°57	21°52	28°39	8°25	19°26	27°30	25°14	21°49	21°13	6°11	9°36	F 19
S 20	10 37 7	11° 1'41	21°30	14° 0	27° 0	22°13	28°46	8°27	19°28	27°30	25°15	21°40	21°10	6°18	9°40	S 20
S 21	10 41 4	12° 1'41	5♓46	15° 8	28° 3	22°33	28°54	8°28	19°31	27°30	25°17	21°29	21° 7	6°25	9°44	S 21
M22	10 45 0	13° 1'39	20°20	16°19	29° 5	22°53	29° 1	8°30	19°33	27°29	25°18	21°17	21° 3	6°31	9°47	M22
T 23	10 48 57	14° 1'35	5♈ 6	17°31	0♉ 6	23°12	29° 9	8°31	19°36	27°29	25°20	21° 6	21° 0	6°38	9°51	T 23
W24	10 52 53	15° 1'30	19°54	18°45	1° 8	23°32	29°17	8°32	19°38	27°29	25°21	20°56	20°57	6°45	9°55	W24
T 25	10 56 50	16° 1'22	4♉37	20° 1	2° 9	23°50	29°25	8°34	19°40	27°29	25°23	20°49	20°54	6°51	9°59	T 25
F 26	11 0 46	17° 1'12	19° 9	21°19	3° 9	24° 9	29°33	8°35	19°43	27°29	25°24	20°44	20°51	6°58	10° 3	F 26
S 27	11 4 43	18° 0'59	3♊25	22°39	4° 9	24°27	29°41	8°36	19°45	27°D29	25°26	20°42	20°47	7° 5	10° 7	S 27
S 28	11 8 40	19♓ 0'45	17♊24	24♒ 0	5♉ 9	24♏44	29♉50	8♐37	19♑47	27♊29	25♓27	20♊42	20♊44	7♏11	10♓11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s14	22n53	0s16	16s38	2n51	2n49	0n20	14s47	1n36	18n53	0s39	19s51	1n49	22s38	0s26	22n20	1s 8	16s42	15s59	23n20	23n16	9s20	3s58	4n48
T 2	13 54	24 23	0n57	16 53	2 39	3 20	0 25	14 55	1 36	18 55	0 38	19 51	1 49	22 37	0 26	22 20	1 8	16 41	15 59	23 20	23 16	9 23	3 57	4 48
W 3	13 34	24 24	2 6	17 7	2 27	3 51	0 30	15 2	1 36	18 56	0 38	19 51	1 49	22 37	0 26	22 21	1 8	16 40	15 59	23 20	23 15	9 26	3 56	4 48
T 4	13 14	23 0	3 6	17 19	2 15	4 22	0 35	15 10	1 35	18 57	0 38	19 52	1 49	22 36	0 26	22 21	1 8	16 40	15 59	23 20	23 15	9 29	3 54	4 48
F 5	12 53	20 22	3 56	17 31	2 2	4 53	0 39	15 17	1 35	18 59	0 38	19 52	1 49	22 36	0 26	22 21	1 8	16 39	15 59	23 19	23 15	9 31	3 53	4 48
S 6	12 33	16 44	4 33	17 40	1 49	5 24	0 44	15 24	1 35	19 0	0 38	19 53	1 50	22 36	0 26	22 21	1 8	16 38	15 59	23 19	23 15	9 34	3 52	4 48
S 7	12 12	12 24	4 55	17 49	1 36	5 54	0 49	15 32	1 35	19 1	0 37	19 53	1 50	22 35	0 26	22 21	1 8	16 38	15 58	23 18	23 15	9 37	3 50	4 47
M 8	11 51	7 37	5 2	17 55	1 24	6 25	0 54	15 39	1 34	19 3	0 37	19 53	1 50	22 35	0 26	22 21	1 8	16 37	15 58	23 17	23 14	9 40	3 49	4 47
T 9	11 30	2 37	4 55	18 1	1 11	6 55	0 59	15 46	1 34	19 4	0 37	19 54	1 50	22 34	0 26	22 21	1 8	16 36	15 58	23 17	23 14	9 43	3 48	4 47
W10	11 9	2s24	4 35	18 5	0 59	7 25	1 4	15 52	1 34	19 6	0 37	19 54	1 50	22 34	0 26	22 21	1 8	16 36	15 58	23 16	23 14	9 45	3 46	4 47
T 11	10 47	7 17	4 3	18 7	0 47	7 55	1 10	15 59	1 33	19 7	0 36	19 54	1 50	22 34	0 26	22 21	1 8	16 35	15 58	23 16	23 14	9 48	3 45	4 47
F 12	10 25	11 52	3 21	18 8	0 35	8 25	1 15	16 6	1 33	19 9	0 36	19 54	1 50	22 33	0 26	22 21	1 8	16 34	15 58	23 15	23 14	9 51	3 44	4 47
S 13	10 4	16 1	2 30	18 8	0 24	8 54	1 20	16 12	1 33	19 10	0 36	19 55	1 50	22 33	0 26	22 21	1 7	16 34	15 58	23 15	23 13	9 54	3 42	4 47
S 14	9 42	19 33	1 32	18 6	0 12	9 24	1 25	16 19	1 32	19 12	0 36	19 55	1 51	22 33	0 26	22 21	1 7	16 33	15 57	23 15	23 13	9 56	3 41	4 47
M15	9 19	22 18	0 30	18 3	0 2	9 53	1 30	16 25	1 32	19 14	0 36	19 55	1 51	22 32	0 26	22 21	1 7	16 32	15 57	23 15	23 13	9 59	3 39	4 47
T 16	8 57	24 4	0s35	17 58	0s 9	10 22	1 36	16 31	1 32	19 15	0 35	19 55	1 51	22 32	0 26	22 21	1 7	16 32	15 57	23 15	23 13	10 2	3 38	4 47
W17	8 35	24 41	1 40	17 52	0 19	10 50	1 41	16 37	1 31	19 17	0 35	19 55	1 51	22 31	0 26	22 21	1 7	16 31	15 57	23 15	23 13	10 5	3 37	4 47
T 18	8 12	23 58	2 42	17 44	0 29	11 19	1 46	16 43	1 31	19 19	0 35	19 56	1 51	22 31	0 26	22 21	1 7	16 30	15 57	23 15	23 12	10 8	3 35	4 46
F 19	7 50	21 53	3 37	17 35	0 38	11 47	1 52	16 49	1 30	19 21	0 35	19 56	1 51	22 31	0 26	22 21	1 7	16 30	15 57	23 15	23 12	10 10	3 34	4 46
S 20	7 27	18 28	4 20	17 25	0 47	12 15	1 57	16 55	1 30	19 22	0 34	19 56	1 51	22 30	0 26	22 21	1 7	16 29	15 57	23 14	23 12	10 13	3 33	4 46
S 21	7 4	13 54	4 49	17 13	0 55	12 43	2 3	17 0	1 30	19 24	0 34	19 56	1 52	22 30	0 26	22 21	1 7	16 28	15 57	23 13	23 12	10 16	3 31	4 46
M22	6 41	8 26	5 0	17 0	1 4	13 10	2 8	17 6	1 29	19 26	0 34	19 56	1 52	22 30	0 26	22 21	1 7	16 28	15 57	23 12	23 12	10 19	3 30	4 46
T 23	6 18	2 26	4 52	16 45	1 11	13 37	2 13	17 11	1 29	19 28	0 34	19 56	1 52	22 29	0 26	22 21	1 7	16 27	15 57	23 12	23 11	10 21	3 28	4 46
W24	5 55	3n44	4 23	16 29	1 19	14 4	2 19	17 17	1 28	19 30	0 34	19 56	1 52	22 29	0 26	22 21	1 7	16 26	15 57	23 11	23 11	10 24	3 27	4 46
T 25	5 32	9 40	3 38	16 12	1 26	14 30	2 24	17 22	1 27	19 32	0 33	19 56	1 52	22 29	0 26	22 21	1 7	16 26	15 57	23 11	23 11	10 27	3 25	4 46
F 26	5 8	15 1	2 38	15 53	1 32	14 56	2 30	17 27	1 27	19 34	0 33	19 56	1 52	22 28	0 26	22 21	1 7	16 25	15 57	23 10	23 11	10 30	3 24	4 46
S 27	4 45	19 25	1 30	15 33	1 38	15 22	2 35	17 32	1 26	19 36	0 33	19 56	1 52	22 28	0 26	22 21	1 7	16 24	15 57	23 10	23 10	10 32	3 23	4 46
S 28	4s21	22n37	0s17	15s11	1s44	15n47	2n41	17s37	1n26	19n38	0s33	19s56	1n52	22s28	0s26	22n21	1s 7	16s24	15s56	23n10	23n10	10s35	3s21	4n46

Julian Day Number = 2295992.5, Delta T = 130.77 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'49, Lahiri = 17°54'49 Julian Calendar 1 Feb. 1574 == Greg. Calendar 11 Feb. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

MARCH 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 12 36	20♓ 0'28	1♋ 7	25♒23	6♉ 8	25♏ 1	29♉58	8♐37	19♑49	27♊29	25♓29	20°R42	20♊41	7♏18	10♓14	M 1
T 2	11 16 33	21° 0'09	14°34	26°47	7° 7	25°18	0♊ 7	8°38	19°52	27°29	25°30	20♊41	20°38	7°25	10°18	T 2
W 3	11 20 29	21°59'47	27°47	28°12	8° 5	25°34	0°15	8°39	19°54	27°29	25°32	20°37	20°35	7°31	10°22	W 3
T 4	11 24 26	22°59'23	10♌47	29°40	9° 3	25°50	0°24	8°39	19°56	27°29	25°33	20°31	20°32	7°38	10°26	T 4
F 5	11 28 22	23°58'57	23°36	1♓ 8	10° 1	26° 5	0°33	8°40	19°58	27°30	25°35	20°22	20°28	7°45	10°30	F 5
S 6	11 32 19	24°58'29	6♍15	2°38	10°57	26°20	0°43	8°40	20° 0	27°30	25°36	20°10	20°25	7°52	10°34	S 6
S 7	11 36 15	25°57'58	18°43	4° 9	11°54	26°35	0°52	8°40	20° 2	27°30	25°38	19°57	20°22	7°58	10°37	S 7
M 8	11 40 12	26°57'26	1♎ 1	5°42	12°49	26°48	1° 1	8°R40	20° 4	27°30	25°39	19°43	20°19	8° 5	10°41	M 8
T 9	11 44 9	27°56'51	13°10	7°16	13°44	27° 2	1°11	8°40	20° 5	27°31	25°41	19°29	20°16	8°12	10°45	T 9
W10	11 48 5	28°56'15	25°10	8°51	14°39	27°15	1°20	8°40	20° 7	27°31	25°42	19°17	20°13	8°18	10°49	W10
T 11	11 52 2	29°55'36	7♏ 3	10°28	15°33	27°27	1°30	8°40	20° 9	27°31	25°44	19° 8	20° 9	8°25	10°52	T 11
F 12	11 55 58	0♈54'56	18°52	12° 6	16°26	27°39	1°40	8°40	20°11	27°32	25°45	19° 2	20° 6	8°32	10°56	F 12
S 13	11 59 55	1°54'13	0♐41	13°46	17°19	27°50	1°50	8°39	20°12	27°32	25°47	18°58	20° 3	8°38	11° 0	S 13
S 14	12 3 51	2°53'29	12°32	15°27	18°10	28° 0	2° 0	8°39	20°14	27°33	25°48	18°57	20° 0	8°45	11° 3	S 14
M15	12 7 48	3°52'44	24°32	17° 9	19° 2	28°11	2°10	8°38	20°16	27°33	25°50	18°D57	19°57	8°52	11° 7	M15
T 16	12 11 44	4°51'56	6♑46	18°53	19°52	28°20	2°20	8°37	20°17	27°34	25°51	18°R57	19°53	8°58	11°11	T 16
W17	12 15 41	5°51'07	19°18	20°38	20°42	28°29	2°31	8°37	20°19	27°34	25°53	18°56	19°50	9° 5	11°14	W17
T 18	12 19 38	6°50'15	2♒14	22°24	21°30	28°37	2°41	8°36	20°20	27°35	25°54	18°54	19°47	9°12	11°18	T 18
F 19	12 23 34	7°49'22	15°38	24°12	22°19	28°45	2°52	8°35	20°21	27°36	25°56	18°49	19°44	9°18	11°21	F 19
S 20	12 27 31	8°48'28	29°32	26° 1	23° 6	28°52	3° 2	8°34	20°23	27°36	25°57	18°41	19°41	9°25	11°25	S 20
S 21	12 31 27	9°47'31	13♓53	27°52	23°52	28°58	3°13	8°32	20°24	27°37	25°59	18°32	19°38	9°32	11°29	S 21
M22	12 35 24	10°46'32	28°39	29°44	24°37	29° 4	3°24	8°31	20°25	27°38	26° 0	18°22	19°34	9°38	11°32	M22
T 23	12 39 20	11°45'31	13♈40	1♈38	25°22	29° 9	3°35	8°30	20°26	27°39	26° 2	18°12	19°31	9°45	11°36	T 23
W24	12 43 17	12°44'29	28°49	3°33	26° 5	29°13	3°46	8°28	20°28	27°40	26° 3	18° 3	19°28	9°52	11°39	W24
T 25	12 47 13	13°43'24	13♉54	5°29	26°48	29°17	3°57	8°27	20°29	27°40	26° 5	17°57	19°25	9°58	11°42	T 25
F 26	12 51 10	14°42'17	28°46	7°27	27°29	29°20	4° 8	8°25	20°30	27°41	26° 6	17°53	19°22	10° 5	11°46	F 26
S 27	12 55 7	15°41'08	13♊19	9°26	28° 9	29°22	4°20	8°23	20°31	27°42	26° 7	17°D51	19°18	10°12	11°49	S 27
S 28	12 59 3	16°39'56	27°30	11°27	28°48	29°23	4°31	8°21	20°32	27°43	26° 9	17°52	19°15	10°18	11°53	S 28
M29	13 3 0	17°38'43	11♋18	13°29	29°26	29°24	4°43	8°19	20°33	27°44	26°10	17°R52	19°12	10°25	11°56	M29
T 30	13 6 56	18°37'27	24°44	15°32	0♊ 3	29°R24	4°54	8°17	20°33	27°45	26°12	17°52	19° 9	10°32	11°59	T 30
W31	13 10 53	19♈36'08	7♌50	17♈36	0♊38	29♏23	5♊ 6	8♐15	20♑34	27♊46	26♓13	17♊50	19♊ 6	10♏38	12♓ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s58	24n24	0n55	14s49	1s49	16n12	2n46	17s41	1n25	19n40	0s33	19s56	1n53	22s28	0s26	22n22	1s 7	16s23	15s56	23n10	23n10	10s38	3s20	4n46
T 2	3 34	24 44	2 2	14 24	1 54	16 37	2 51	17 46	1 24	19 42	0 32	19 56	1 53	22 27	0 26	22 22	1 7	16 23	15 56	23 10	23 10	10 41	3 18	4 46
W 3	3 11	23 38	3 2	13 59	1 59	17 1	2 57	17 51	1 24	19 44	0 32	19 56	1 53	22 27	0 26	22 22	1 7	16 22	15 56	23 10	23 10	10 44	3 17	4 46
T 4	2 47	21 17	3 52	13 32	2 3	17 25	3 2	17 55	1 23	19 46	0 32	19 56	1 53	22 27	0 26	22 22	1 7	16 21	15 56	23 9	23 9	10 46	3 15	4 46
F 5	2 24	17 54	4 28	13 4	2 7	17 49	3 8	17 59	1 22	19 48	0 32	19 56	1 53	22 26	0 26	22 22	1 7	16 21	15 56	23 9	23 9	10 49	3 14	4 46
S 6	2 0	13 45	4 51	12 35	2 10	18 12	3 13	18 4	1 21	19 50	0 32	19 56	1 53	22 26	0 26	22 22	1 7	16 20	15 56	23 8	23 9	10 52	3 13	4 46
S 7	1 36	9 4	5 0	12 4	2 13	18 35	3 18	18 8	1 21	19 52	0 31	19 56	1 53	22 26	0 26	22 22	1 6	16 19	15 56	23 7	23 9	10 55	3 11	4 46
M 8	1 13	4 5	4 54	11 32	2 15	18 57	3 24	18 12	1 20	19 54	0 31	19 56	1 54	22 26	0 26	22 22	1 6	16 19	15 56	23 6	23 8	10 57	3 10	4 46
T 9	0 49	0s59	4 35	10 59	2 17	19 19	3 29	18 16	1 19	19 56	0 31	19 56	1 54	22 25	0 26	22 22	1 6	16 18	15 56	23 5	23 8	11 0	3 8	4 46
W10	0 25	5 58	4 4	10 24	2 18	19 40	3 34	18 19	1 18	19 58	0 31	19 56	1 54	22 25	0 26	22 22	1 6	16 18	15 56	23 4	23 8	11 3	3 7	4 46
T 11	0 2	10 43	3 22	9 48	2 19	20 1	3 39	18 23	1 17	20 0	0 31	19 55	1 54	22 25	0 26	22 22	1 6	16 17	15 57	23 3	23 8	11 6	3 5	4 46
F 12	0n22	15 2	2 32	9 11	2 20	20 22	3 44	18 27	1 16	20 3	0 31	19 55	1 54	22 25	0 27	22 22	1 6	16 17	15 57	23 2	23 8	11 8	3 4	4 46
S 13	0 46	18 47	1 35	8 33	2 20	20 42	3 49	18 30	1 15	20 5	0 30	19 55	1 54	22 25	0 27	22 22	1 6	16 16	15 57	23 2	23 7	11 11	3 3	4 46
S 14	1 9	21 47	0 34	7 53	2 19	21 2	3 54	18 33	1 14	20 7	0 30	19 55	1 54	22 24	0 27	22 22	1 6	16 15	15 57	23 2	23 7	11 14	3 1	4 46
M15	1 33	23 53	0s30	7 13	2 18	21 21	3 59	18 37	1 13	20 9	0 30	19 55	1 54	22 24	0 27	22 22	1 6	16 15	15 57	23 2	23 7	11 17	3 0	4 46
T 16	1 56	24 52	1 33	6 31	2 17	21 39	4 4	18 40	1 12	20 11	0 30	19 54	1 55	22 24	0 27	22 22	1 6	16 14	15 57	23 2	23 7	11 19	2 58	4 46
W17	2 20	24 38	2 34	5 47	2 15	21 58	4 9	18 43	1 11	20 14	0 30	19 54	1 55	22 24	0 27	22 22	1 6	16 14	15 57	23 2	23 6	11 22	2 57	4 46
T 18	2 43	23 5	3 29	5 3	2 13	22 15	4 13	18 46	1 10	20 16	0 30	19 54	1 55	22 24	0 27	22 22	1 6	16 13	15 57	23 2	23 6	11 25	2 56	4 46
F 19	3 7	20 13	4 14	4 18	2 10	22 32	4 18	18 49	1 9	20 18	0 29	19 54	1 55	22 23	0 27	22 23	1 6	16 13	15 57	23 1	23 6	11 27	2 54	4 47
S 20	3 30	16 7	4 46	3 31	2 6	22 49	4 23	18 51	1 7	20 20	0 29	19 53	1 55	22 23	0 27	22 23	1 6	16 12	15 57	23 1	23 6	11 30	2 53	4 47
S 21	3 53	10 59	5 2	2 43	2 2	23 5	4 27	18 54	1 6	20 22	0 29	19 53	1 55	22 23	0 27	22 23	1 6	16 12	15 57	23 0	23 5	11 33	2 51	4 47
M22	4 16	5 5	4 58	1 55	1 58	23 21	4 31	18 57	1 5	20 25	0 29	19 53	1 55	22 23	0 27	22 23	1 6	16 11	15 57	22 59	23 5	11 36	2 50	4 47
T 23	4 40	1n12	4 34	1 5	1 53	23 36	4 35	18 59	1 3	20 27	0 29	19 52	1 55	22 23	0 27	22 23	1 6	16 11	15 57	22 58	23 5	11 38	2 49	4 47
W24	5 3	7 30	3 50	0 14	1 48	23 51	4 40	19 1	1 2	20 29	0 29	19 52	1 55	22 23	0 27	22 23	1 6	16 10	15 57	22 57	23 5	11 41	2 47	4 47
T 25	5 26	13 20	2 51	0n38	1 42	24 5	4 44	19 3	1 1	20 31	0 28	19 52	1 56	22 22	0 27	22 23	1 6	16 10	15 58	22 57	23 4	11 44	2 46	4 47
F 26	5 48	18 18	1 40	1 30	1 35	24 18	4 47	19 6	0 59	20 34	0 28	19 51	1 56	22 22	0 27	22 23	1 6	16 9	15 58	22 56	23 4	11 47	2 44	4 47
S 27	6 11	22 3	0 24	2 24	1 28	24 31	4 51	19 8	0 57	20 36	0 28	19 51	1 56	22 22	0 27	22 23	1 6	16 9	15 58	22 56	23 4	11 49	2 43	4 47
S 28	6 34	24 20	0n51	3 18	1 21	24 44	4 55	19 9	0 56	20 38	0 28	19 51	1 56	22 22	0 27	22 23	1 5	16 8	15 58	22 56	23 4	11 52	2 42	4 47
M29	6 56	25 2	2 2	4 13	1 13	24 56	4 58	19 11	0 54	20 40	0 28	19 50	1 56	22 22	0 27	22 23	1 5	16 8	15 58	22 56	23 3	11 55	2 40	4 47
T 30	7 19	24 15	3 4	5 8	1 4	25 7	5 1	19 13	0 53	20 43	0 28	19 50	1 56	22 22	0 27	22 23	1 5	16 8	15 58	22 56	23 3	11 58	2 39	4 47
W31	7n41	22n 7	3n54	6n 4	0s56	25n17	5n 4	19s14	0n51	20n45	0s27	19s49	1n56	22s22	0s27	22n23	1s 5	16s 7	15s58	22n56	23n 3	12s 0	2s38	4n48

Julian Day Number = 2296020.5, Delta T = 130.63 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'52, Lahiri = 17°54'53 Julian Calendar 1 March 1574 == Greg. Calendar 11 March 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

APRIL 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 49	20♈34'48	20♌40	19♈41	1♊12	29°R22	5♊17	8°R13	20♑35	27♊47	26♓15	17°R47	19♊ 3	10♏45	12♓ 6	T 1
F 2	13 18 46	21°33'25	3♍15	21°47	1°45	29♏20	5°29	8♐11	20°36	27°48	26°16	17♊40	18°59	10°52	12° 9	F 2
S 3	13 22 42	22°32'00	15°39	23°54	2°16	29°17	5°41	8° 9	20°36	27°49	26°17	17°32	18°56	10°58	12°12	S 3
S 4	13 26 39	23°30'33	27°53	26° 2	2°46	29°13	5°53	8° 6	20°37	27°51	26°19	17°22	18°53	11° 5	12°15	S 4
M 5	13 30 36	24°29'03	9♎58	28° 9	3°14	29° 9	6° 5	8° 4	20°37	27°52	26°20	17°12	18°50	11°12	12°18	M 5
T 6	13 34 32	25°27'32	21°57	0♉17	3°40	29° 4	6°17	8° 1	20°38	27°53	26°21	17° 2	18°47	11°18	12°21	T 6
W 7	13 38 29	26°25'59	3♏51	2°25	4° 5	28°58	6°29	7°58	20°38	27°54	26°23	16°54	18°44	11°25	12°24	W 7
T 8	13 42 25	27°24'24	15°41	4°32	4°27	28°51	6°41	7°55	20°39	27°55	26°24	16°47	18°40	11°32	12°27	T 8
F 9	13 46 22	28°22'47	27°29	6°38	4°49	28°44	6°54	7°53	20°39	27°57	26°25	16°43	18°37	11°38	12°30	F 9
S 10	13 50 18	29°21'09	9♐19	8°43	5° 8	28°35	7° 6	7°50	20°39	27°58	26°27	16°41	18°34	11°45	12°33	S 10
S 11	13 54 15	0♉19'29	21°13	10°47	5°25	28°26	7°18	7°47	20°40	27°59	26°28	16°D41	18°31	11°52	12°36	S 11
M12	13 58 11	1°17'47	3♑14	12°49	5°41	28°17	7°31	7°44	20°40	28° 1	26°29	16°42	18°28	11°59	12°39	M12
T 13	14 2 8	2°16'04	15°29	14°49	5°54	28° 6	7°43	7°41	20°40	28° 2	26°31	16°43	18°24	12° 5	12°42	T 13
W14	14 6 5	3°14'19	28° 0	16°46	6° 5	27°55	7°56	7°37	20°40	28° 4	26°32	16°R44	18°21	12°12	12°45	W14
T 15	14 10 1	4°12'33	10♒53	18°41	6°14	27°43	8° 8	7°34	20°R40	28° 5	26°33	16°44	18°18	12°19	12°47	T 15
F 16	14 13 58	5°10'45	24°11	20°34	6°21	27°30	8°21	7°31	20°40	28° 7	26°34	16°43	18°15	12°25	12°50	F 16
S 17	14 17 54	6° 8'56	7♓58	22°23	6°26	27°17	8°34	7°27	20°40	28° 8	26°35	16°39	18°12	12°32	12°53	S 17
S 18	14 21 51	7° 7'05	22°13	24° 9	6°R28	27° 3	8°47	7°24	20°40	28°10	26°37	16°35	18° 9	12°39	12°55	S 18
M19	14 25 47	8° 5'12	6♈55	25°51	6°28	26°48	9° 0	7°20	20°40	28°11	26°38	16°29	18° 5	12°45	12°58	M19
T 20	14 29 44	9° 3'19	21°56	27°31	6°26	26°33	9°12	7°17	20°40	28°13	26°39	16°23	18° 2	12°52	13° 0	T 20
W21	14 33 40	10° 1'23	7♉ 9	29° 6	6°21	26°17	9°25	7°13	20°39	28°14	26°40	16°19	17°59	12°59	13° 3	W21
T 22	14 37 37	10°59'26	22°23	0♊38	6°14	26° 0	9°38	7° 9	20°39	28°16	26°41	16°15	17°56	13° 5	13° 5	T 22
F 23	14 41 33	11°57'28	7♊28	2° 6	6° 4	25°43	9°51	7° 6	20°39	28°18	26°42	16°14	17°53	13°12	13° 8	F 23
S 24	14 45 30	12°55'27	22°16	3°30	5°52	25°26	10° 4	7° 2	20°38	28°19	26°44	16°D13	17°50	13°19	13°10	S 24
S 25	14 49 27	13°53'25	6♋41	4°51	5°37	25° 7	10°18	6°58	20°38	28°21	26°45	16°14	17°46	13°25	13°12	S 25
M26	14 53 23	14°51'21	20°40	6° 7	5°20	24°49	10°31	6°54	20°37	28°23	26°46	16°16	17°43	13°32	13°15	M26
T 27	14 57 20	15°49'15	4♌14	7°19	5° 1	24°30	10°44	6°50	20°37	28°24	26°47	16°17	17°40	13°39	13°17	T 27
W28	15 1 16	16°47'08	17°23	8°27	4°40	24°10	10°57	6°46	20°36	28°26	26°48	16°R18	17°37	13°45	13°19	W28
T 29	15 5 13	17°44'58	0♍11	9°31	4°16	23°50	11°10	6°42	20°36	28°28	26°49	16°17	17°34	13°52	13°21	T 29
F 30	15 9 9	18♉42'47	12♍41	10♊31	3♊50	23♏30	11♊24	6♐38	20♑35	28♊30	26♓50	16♊15	17♊30	13♏59	13♓23	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 3	18n56	4n32	7n 0	0s46	25n28	5n 7	19s16	0n49	20n47	0s27	19s49	1n56	22s22	0s27	22n23	1s 5	16s 7	15s59	22n56	23n 3	12s 3	2s36	4n48
F 2	8 25	14 56	4 56	7 57	0 37	25 37	5 10	19 17	0 47	20 49	0 27	19 48	1 56	22 22	0 27	22 23	1 5	16 6	15 59	22 55	23 2	12 6	2 35	4 48
S 3	8 47	10 21	5 5	8 53	0 27	25 46	5 13	19 18	0 45	20 52	0 27	19 48	1 57	22 22	0 27	22 23	1 5	16 6	15 59	22 55	23 2	12 8	2 34	4 48
S 4	9 9	5 26	5 0	9 49	0 16	25 54	5 15	19 19	0 43	20 54	0 27	19 47	1 57	22 21	0 27	22 23	1 5	16 6	15 59	22 54	23 2	12 11	2 33	4 48
M 5	9 31	0 22	4 42	10 45	0 6	26 2	5 17	19 20	0 41	20 56	0 27	19 47	1 57	22 21	0 27	22 24	1 5	16 5	15 59	22 53	23 1	12 14	2 31	4 48
T 6	9 52	4s41	4 11	11 40	0n 5	26 9	5 19	19 21	0 39	20 58	0 27	19 46	1 57	22 21	0 27	22 24	1 5	16 5	15 59	22 52	23 1	12 17	2 30	4 48
W 7	10 13	9 32	3 30	12 35	0 16	26 15	5 20	19 22	0 37	21 1	0 26	19 46	1 57	22 21	0 27	22 24	1 5	16 4	16 0	22 51	23 1	12 19	2 29	4 48
T 8	10 34	14 2	2 39	13 29	0 26	26 21	5 21	19 23	0 35	21 3	0 26	19 45	1 57	22 21	0 27	22 24	1 5	16 4	16 0	22 50	23 1	12 22	2 27	4 49
F 9	10 55	18 0	1 42	14 21	0 37	26 26	5 22	19 23	0 33	21 5	0 26	19 45	1 57	22 21	0 27	22 24	1 5	16 4	16 0	22 50	23 0	12 25	2 26	4 49
S 10	11 16	21 15	0 40	15 12	0 48	26 30	5 23	19 23	0 31	21 7	0 26	19 44	1 57	22 21	0 27	22 24	1 5	16 3	16 0	22 50	23 0	12 27	2 25	4 49
S 11	11 37	23 37	0s25	16 1	0 59	26 34	5 24	19 24	0 29	21 9	0 26	19 44	1 57	22 21	0 27	22 24	1 5	16 3	16 0	22 50	23 0	12 30	2 24	4 49
M12	11 57	24 56	1 29	16 49	1 9	26 36	5 24	19 24	0 26	21 12	0 26	19 43	1 57	22 21	0 27	22 24	1 5	16 3	16 1	22 50	23 0	12 33	2 22	4 49
T 13	12 17	25 4	2 30	17 34	1 19	26 38	5 23	19 24	0 24	21 14	0 26	19 43	1 57	22 21	0 27	22 24	1 5	16 2	16 1	22 50	22 59	12 35	2 21	4 49
W14	12 37	23 58	3 25	18 18	1 28	26 40	5 22	19 24	0 21	21 16	0 25	19 42	1 57	22 21	0 28	22 24	1 5	16 2	16 1	22 50	22 59	12 38	2 20	4 49
T 15	12 57	21 35	4 12	18 59	1 37	26 40	5 21	19 23	0 19	21 18	0 25	19 42	1 57	22 21	0 28	22 24	1 5	16 2	16 1	22 50	22 59	12 41	2 19	4 50
F 16	13 17	18 0	4 47	19 38	1 46	26 40	5 20	19 23	0 16	21 20	0 25	19 41	1 57	22 21	0 28	22 24	1 5	16 2	16 1	22 50	22 58	12 44	2 18	4 50
S 17	13 36	13 20	5 7	20 14	1 54	26 39	5 18	19 23	0 14	21 22	0 25	19 40	1 58	22 21	0 28	22 24	1 5	16 1	16 2	22 49	22 58	12 46	2 17	4 50
S 18	13 55	7 49	5 9	20 48	2 1	26 37	5 16	19 22	0 11	21 24	0 25	19 40	1 58	22 21	0 28	22 24	1 5	16 1	16 2	22 49	22 58	12 49	2 15	4 50
M19	14 14	1 42	4 51	21 20	2 8	26 34	5 13	19 21	0 8	21 27	0 25	19 39	1 58	22 21	0 28	22 24	1 5	16 1	16 2	22 48	22 58	12 52	2 14	4 50
T 20	14 33	4n39	4 13	21 49	2 13	26 31	5 9	19 20	0 6	21 29	0 25	19 38	1 58	22 22	0 28	22 24	1 5	16 0	16 2	22 48	22 57	12 54	2 13	4 50
W21	14 51	10 50	3 17	22 15	2 18	26 26	5 6	19 19	0 3	21 31	0 25	19 38	1 58	22 22	0 28	22 24	1 5	16 0	16 3	22 47	22 57	12 57	2 12	4 51
T 22	15 10	16 22	2 6	22 39	2 23	26 20	5 1	19 18	0 0	21 33	0 24	19 37	1 58	22 22	0 28	22 25	1 4	16 0	16 3	22 47	22 57	13 0	2 11	4 51
F 23	15 28	20 49	0 48	23 1	2 26	26 14	4 56	19 17	0s 3	21 35	0 24	19 37	1 58	22 22	0 28	22 25	1 4	16 0	16 3	22 47	22 56	13 2	2 10	4 51
S 24	15 45	23 49	0n33	23 20	2 29	26 6	4 51	19 15	0 5	21 37	0 24	19 36	1 58	22 22	0 28	22 25	1 4	16 0	16 3	22 47	22 56	13 5	2 9	4 51
S 25	16 3	25 9	1 50	23 37	2 30	25 58	4 45	19 14	0 8	21 39	0 24	19 35	1 58	22 22	0 28	22 25	1 4	15 59	16 4	22 47	22 56	13 8	2 8	4 51
M26	16 20	24 49	2 57	23 51	2 31	25 48	4 38	19 12	0 11	21 41	0 24	19 35	1 58	22 22	0 28	22 25	1 4	15 59	16 4	22 47	22 56	13 10	2 7	4 51
T 27	16 37	23 1	3 53	24 3	2 31	25 38	4 31	19 10	0 14	21 43	0 24	19 34	1 58	22 22	0 28	22 25	1 4	15 59	16 4	22 47	22 55	13 13	2 6	4 52
W28	16 53	20 1	4 35	24 14	2 29	25 26	4 23	19 8	0 17	21 45	0 24	19 33	1 58	22 22	0 28	22 25	1 4	15 59	16 4	22 47	22 55	13 16	2 5	4 52
T 29	17 10	16 8	5 1	24 21	2 27	25 13	4 15	19 6	0 20	21 47	0 24	19 33	1 58	22 22	0 28	22 25	1 4	15 59	16 5	22 47	22 55	13 18	2 4	4 52
F 30	17n26	11n37	5n13	24n27	2n24	24n59	4n 6	19s 4	0s23	21n49	0s23	19s32	1n58	22s23	0s28	22n25	1s 4	15s59	16s 5	22n47	22n54	13s21	2s 3	4n52

Julian Day Number = 2296051.5, Delta T = 130.47 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°47'57, Lahiri = 17°54'57 Julian Calendar 1 Apr. 1574 == Greg. Calendar 11 Apr. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

MAY 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 6	19♉40'34	24♍57	11♊26	3°R22	23°R10	11♊37	6°R34	20°R34	28♊32	26♓51	16°R12	17♊27	14♏ 5	13♓25	S 1
S 2	15 17 3	20°38'19	7♎ 2	12°17	2♊52	22♏49	11°50	6♐30	20♑33	28°33	26°52	16♊ 8	17°24	14°12	13°27	S 2
M 3	15 20 59	21°36'03	19° 0	13° 3	2°21	22°28	12° 4	6°25	20°33	28°35	26°53	16° 4	17°21	14°19	13°29	M 3
T 4	15 24 56	22°33'45	0♏52	13°45	1°48	22° 7	12°17	6°21	20°32	28°37	26°54	16° 0	17°18	14°25	13°31	T 4
W 5	15 28 52	23°31'26	12°42	14°22	1°13	21°46	12°31	6°17	20°31	28°39	26°55	15°57	17°15	14°32	13°33	W 5
T 6	15 32 49	24°29'06	24°31	14°55	0°38	21°25	12°44	6°13	20°30	28°41	26°56	15°54	17°11	14°39	13°35	T 6
F 7	15 36 45	25°26'44	6♐22	15°23	0° 1	21° 4	12°58	6° 8	20°29	28°43	26°57	15°53	17° 8	14°45	13°37	F 7
S 8	15 40 42	26°24'21	18°16	15°46	29♉24	20°43	13°11	6° 4	20°28	28°45	26°58	15°D53	17° 5	14°52	13°38	S 8
S 9	15 44 38	27°21'57	0♑17	16° 5	28°46	20°22	13°25	6° 0	20°27	28°47	26°58	15°53	17° 2	14°59	13°40	S 9
M10	15 48 35	28°19'32	12°26	16°19	28° 9	20° 1	13°38	5°55	20°26	28°49	26°59	15°54	16°59	15° 5	13°41	M10
T 11	15 52 32	29°17'05	24°47	16°28	27°31	19°40	13°52	5°51	20°24	28°51	27° 0	15°56	16°56	15°12	13°43	T 11
W12	15 56 28	0♊14'38	7♒23	16°R32	26°53	19°20	14° 6	5°47	20°23	28°53	27° 1	15°57	16°52	15°19	13°44	W12
T 13	16 0 25	1°12'10	20°18	16°32	26°16	18°59	14°19	5°42	20°22	28°55	27° 2	15°58	16°49	15°25	13°46	T 13
F 14	16 4 21	2° 9'41	3♓34	16°27	25°40	18°39	14°33	5°38	20°21	28°57	27° 2	15°R58	16°46	15°32	13°47	F 14
S 15	16 8 18	3° 7'12	17°14	16°18	25° 5	18°20	14°47	5°33	20°19	28°59	27° 3	15°58	16°43	15°39	13°49	S 15
S 16	16 12 14	4° 4'41	1♈18	16° 5	24°31	18° 0	15° 0	5°29	20°18	29° 1	27° 4	15°57	16°40	15°45	13°50	S 16
M17	16 16 11	5° 2'10	15°45	15°48	23°59	17°41	15°14	5°24	20°16	29° 3	27° 5	15°56	16°36	15°52	13°51	M17
T 18	16 20 7	5°59'38	0♉33	15°27	23°28	17°23	15°28	5°20	20°15	29° 5	27° 5	15°54	16°33	15°59	13°52	T 18
W19	16 24 4	6°57'05	15°34	15° 3	22°59	17° 5	15°41	5°16	20°13	29° 7	27° 6	15°53	16°30	16° 5	13°53	W19
T 20	16 28 1	7°54'31	0♊41	14°36	22°31	16°48	15°55	5°11	20°12	29° 9	27° 7	15°53	16°27	16°12	13°54	T 20
F 21	16 31 57	8°51'57	15°44	14° 7	22° 6	16°31	16° 9	5° 7	20°10	29°11	27° 7	15°D53	16°24	16°19	13°55	F 21
S 22	16 35 54	9°49'22	0♋35	13°36	21°43	16°15	16°23	5° 2	20° 9	29°13	27° 8	15°53	16°21	16°25	13°56	S 22
S 23	16 39 50	10°46'45	15° 8	13° 3	21°22	15°59	16°37	4°58	20° 7	29°16	27° 8	15°53	16°17	16°32	13°57	S 23
M24	16 43 47	11°44'08	29°16	12°30	21° 3	15°44	16°50	4°53	20° 5	29°18	27° 9	15°54	16°14	16°39	13°58	M24
T 25	16 47 43	12°41'30	12♌57	11°56	20°47	15°30	17° 4	4°49	20° 4	29°20	27° 9	15°54	16°11	16°45	13°59	T 25
W26	16 51 40	13°38'51	26°13	11°23	20°32	15°16	17°18	4°45	20° 2	29°22	27°10	15°54	16° 8	16°52	14° 0	W26
T 27	16 55 36	14°36'10	9♍ 5	10°51	20°21	15° 3	17°32	4°40	20° 0	29°24	27°10	15°54	16° 5	16°59	14° 0	T 27
F 28	16 59 33	15°33'29	21°36	10°20	20°11	14°51	17°46	4°36	19°58	29°26	27°11	15°54	16° 2	17° 5	14° 1	F 28
S 29	17 3 30	16°30'46	3♎51	9°51	20° 4	14°40	17°59	4°32	19°56	29°28	27°11	15°54	15°58	17°12	14° 2	S 29
S 30	17 7 26	17°28'03	15°53	9°24	20° 0	14°30	18°13	4°27	19°54	29°31	27°12	15°54	15°55	17°19	14° 2	S 30
M31	17 11 23	18♊25'19	27♎46	9♊ 1	19°D58	14♏20	18♊27	4♐23	19♑53	29♊33	27♓12	15♊55	15♊52	17♏25	14♓ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n42	6n45	5n10	24n31	2n20	24n45	3n56	19s 2	0s26	21n51	0s23	19s31	1n58	22s23	0s28	22n25	1s 4	15s58	16s 5	22n47	22n54	13s24	2s 2	4n52
S 2	17 57	1 41	4 53	24 33	2 15	24 29	3 46	19 0	0 29	21 53	0 23	19 30	1 58	22 23	0 28	22 25	1 4	15 58	16 6	22 46	22 54	13 26	2 1	4 53
M 3	18 12	3s23	4 24	24 33	2 9	24 12	3 36	18 57	0 32	21 55	0 23	19 30	1 58	22 23	0 28	22 25	1 4	15 58	16 6	22 46	22 54	13 29	2 0	4 53
T 4	18 27	8 19	3 43	24 32	2 2	23 54	3 24	18 55	0 35	21 56	0 23	19 29	1 58	22 23	0 28	22 25	1 4	15 58	16 6	22 45	22 53	13 32	1 59	4 53
W 5	18 42	12 56	2 53	24 28	1 54	23 36	3 13	18 52	0 38	21 58	0 23	19 28	1 58	22 23	0 28	22 25	1 4	15 58	16 7	22 45	22 53	13 34	1 58	4 53
T 6	18 56	17 5	1 55	24 23	1 45	23 16	3 0	18 50	0 42	22 0	0 23	19 28	1 58	22 23	0 28	22 25	1 4	15 58	16 7	22 45	22 53	13 37	1 57	4 53
F 7	19 10	20 34	0 52	24 17	1 36	22 56	2 48	18 47	0 45	22 2	0 23	19 27	1 58	22 24	0 28	22 25	1 4	15 58	16 7	22 45	22 52	13 40	1 56	4 54
S 8	19 24	23 12	0s13	24 8	1 25	22 35	2 35	18 44	0 48	22 4	0 22	19 26	1 58	22 24	0 28	22 25	1 4	15 58	16 7	22 45	22 52	13 42	1 56	4 54
S 9	19 37	24 48	1 19	23 59	1 13	22 14	2 21	18 42	0 51	22 6	0 22	19 25	1 58	22 24	0 28	22 25	1 4	15 58	16 8	22 45	22 52	13 45	1 55	4 54
M10	19 50	25 16	2 22	23 47	1 0	21 52	2 8	18 39	0 54	22 7	0 22	19 25	1 58	22 24	0 28	22 25	1 4	15 58	16 8	22 45	22 51	13 48	1 54	4 54
T 11	20 3	24 29	3 19	23 35	0 47	21 30	1 54	18 36	0 57	22 9	0 22	19 24	1 58	22 24	0 28	22 26	1 4	15 58	16 8	22 45	22 51	13 50	1 53	4 54
W12	20 15	22 27	4 8	23 21	0 33	21 8	1 40	18 33	1 0	22 11	0 22	19 23	1 58	22 25	0 28	22 26	1 4	15 58	16 9	22 45	22 51	13 53	1 52	4 55
T 13	20 27	19 16	4 46	23 6	0 18	20 45	1 26	18 31	1 3	22 13	0 22	19 23	1 58	22 25	0 28	22 26	1 4	15 58	16 9	22 45	22 50	13 56	1 52	4 55
F 14	20 39	15 1	5 9	22 50	0 2	20 23	1 11	18 28	1 6	22 14	0 22	19 22	1 58	22 25	0 28	22 26	1 4	15 58	16 9	22 45	22 50	13 58	1 51	4 55
S 15	20 50	9 55	5 17	22 33	0s14	20 0	0 57	18 25	1 8	22 16	0 22	19 21	1 58	22 25	0 28	22 26	1 4	15 58	16 10	22 45	22 50	14 1	1 50	4 55
S 16	21 1	4 9	5 6	22 15	0 31	19 38	0 43	18 23	1 11	22 17	0 22	19 20	1 58	22 26	0 28	22 26	1 4	15 58	16 10	22 45	22 49	14 4	1 50	4 56
M17	21 11	1n59	4 35	21 56	0 48	19 17	0 29	18 20	1 14	22 19	0 22	19 20	1 57	22 26	0 28	22 26	1 4	15 58	16 10	22 45	22 49	14 6	1 49	4 56
T 18	21 21	8 10	3 46	21 37	1 5	18 55	0 15	18 17	1 17	22 21	0 21	19 19	1 57	22 26	0 28	22 26	1 4	15 58	16 11	22 45	22 49	14 9	1 48	4 56
W19	21 31	13 59	2 40	21 17	1 23	18 35	0 1	18 15	1 20	22 22	0 21	19 18	1 57	22 26	0 29	22 26	1 4	15 58	16 11	22 45	22 49	14 11	1 48	4 56
T 20	21 41	18 59	1 23	20 57	1 40	18 15	0s12	18 12	1 22	22 24	0 21	19 17	1 57	22 27	0 29	22 26	1 4	15 58	16 11	22 45	22 48	14 14	1 47	4 56
F 21	21 50	22 43	0 1	20 37	1 57	17 56	0 25	18 10	1 25	22 25	0 21	19 17	1 57	22 27	0 29	22 26	1 4	15 58	16 12	22 45	22 48	14 17	1 46	4 57
S 22	21 59	24 50	1n21	20 16	2 14	17 37	0 38	18 8	1 28	22 27	0 21	19 16	1 57	22 27	0 29	22 26	1 4	15 58	16 12	22 45	22 48	14 19	1 46	4 57
S 23	22 7	25 12	2 35	19 56	2 30	17 20	0 51	18 6	1 30	22 28	0 21	19 15	1 57	22 27	0 29	22 26	1 4	15 58	16 13	22 45	22 47	14 22	1 45	4 57
M24	22 15	23 55	3 38	19 37	2 45	17 3	1 3	18 4	1 33	22 30	0 21	19 15	1 57	22 28	0 29	22 26	1 4	15 58	16 13	22 45	22 47	14 25	1 45	4 57
T 25	22 22	21 13	4 27	19 18	3 0	16 47	1 15	18 2	1 35	22 31	0 21	19 14	1 57	22 28	0 29	22 26	1 4	15 58	16 13	22 45	22 47	14 27	1 44	4 58
W26	22 29	17 29	4 59	19 0	3 14	16 33	1 26	18 0	1 37	22 33	0 21	19 13	1 57	22 28	0 29	22 26	1 4	15 58	16 14	22 45	22 46	14 30	1 44	4 58
T 27	22 36	13 3	5 15	18 43	3 27	16 19	1 37	17 59	1 40	22 34	0 20	19 13	1 57	22 28	0 29	22 26	1 4	15 59	16 14	22 45	22 46	14 32	1 43	4 58
F 28	22 43	8 10	5 16	18 27	3 38	16 6	1 48	17 57	1 42	22 35	0 20	19 12	1 57	22 29	0 29	22 26	1 4	15 59	16 14	22 45	22 46	14 35	1 43	4 58
S 29	22 49	3 5	5 2	18 13	3 48	15 55	1 58	17 56	1 44	22 37	0 20	19 11	1 56	22 29	0 29	22 26	1 4	15 59	16 15	22 45	22 45	14 38	1 42	4 58
S 30	22 54	2s 2	4 35	18 0	3 57	15 44	2 7	17 55	1 46	22 38	0 20	19 11	1 56	22 29	0 29	22 26	1 3	15 59	16 15	22 45	22 45	14 40	1 42	4 59
M31	22n59	7s 1	3n57	17n49	4s 5	15n35	2s17	17s54	1s49	22n39	0s20	19s10	1n56	22s30	0s29	22n26	1s 3	15s59	16s15	22n45	22n45	14s43	1s42	4n59

Julian Day Number = 2296081.5, Delta T = 130.31 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'01, Lahiri = 17°55'01 Julian Calendar 1 May 1574 == Greg. Calendar 11 May 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

JUNE 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 15 19	19♊22'34	9♏36	8°R40	19♉58	14°R11	18♊41	4°R19	19°R51	29♊35	27♓13	15♊55	15♊49	17♏32	14♓ 3	T 1
W 2	17 19 16	20°19'48	21°25	8♊24	20° 0	14♏ 3	18°55	4♐15	19♑49	29°37	27°13	15°55	15°46	17°39	14° 3	W 2
T 3	17 23 12	21°17'02	3♐16	8°11	20° 5	13°56	19° 8	4°11	19°47	29°40	27°13	15°56	15°42	17°45	14° 4	T 3
F 4	17 27 9	22°14'15	15°12	8° 3	20°12	13°49	19°22	4° 6	19°45	29°42	27°14	15°R56	15°39	17°52	14° 4	F 4
S 5	17 31 5	23°11'28	27°15	7°D59	20°21	13°44	19°36	4° 2	19°43	29°44	27°14	15°56	15°36	17°59	14° 4	S 5
S 6	17 35 2	24° 8'41	9♑28	7°59	20°32	13°39	19°50	3°58	19°40	29°46	27°14	15°55	15°33	18° 5	14° 4	S 6
M 7	17 38 59	25° 5'53	21°51	8° 4	20°45	13°35	20° 4	3°54	19°38	29°48	27°14	15°54	15°30	18°12	14° 4	M 7
T 8	17 42 55	26° 3'05	4♒26	8°14	21° 1	13°32	20°17	3°50	19°36	29°51	27°15	15°53	15°27	18°19	14°R 4	T 8
W 9	17 46 52	27° 0'16	17°16	8°28	21°18	13°30	20°31	3°47	19°34	29°53	27°15	15°52	15°23	18°25	14° 4	W 9
T 10	17 50 48	27°57'28	0♓20	8°48	21°37	13°28	20°45	3°43	19°32	29°55	27°15	15°50	15°20	18°32	14° 4	T 10
F 11	17 54 45	28°54'39	13°42	9°12	21°58	13°D27	20°59	3°39	19°30	29°57	27°15	15°49	15°17	18°39	14° 4	F 11
S 12	17 58 41	29°51'51	27°20	9°40	22°20	13°28	21°12	3°35	19°28	29°59	27°15	15°D49	15°14	18°45	14° 4	S 12
S 13	18 2 38	0♋49'03	11♈16	10°14	22°45	13°29	21°26	3°31	19°25	0♋ 2	27°16	15°49	15°11	18°52	14° 3	S 13
M14	18 6 34	1°46'14	25°30	10°52	23°11	13°30	21°40	3°28	19°23	0° 4	27°16	15°50	15° 8	18°59	14° 3	M14
T 15	18 10 31	2°43'26	9♉58	11°35	23°38	13°33	21°53	3°24	19°21	0° 6	27°16	15°51	15° 4	19° 5	14° 3	T 15
W16	18 14 28	3°40'39	24°39	12°22	24° 7	13°36	22° 7	3°21	19°19	0° 8	27°16	15°52	15° 1	19°12	14° 2	W16
T 17	18 18 24	4°37'51	9♊26	13°13	24°38	13°41	22°21	3°17	19°16	0°11	27°16	15°R53	14°58	19°18	14° 2	T 17
F 18	18 22 21	5°35'04	24°13	14° 9	25°10	13°46	22°34	3°14	19°14	0°13	27°R16	15°53	14°55	19°25	14° 1	F 18
S 19	18 26 17	6°32'16	8♋53	15°10	25°43	13°51	22°48	3°10	19°12	0°15	27°16	15°52	14°52	19°32	14° 0	S 19
S 20	18 30 14	7°29'29	23°19	16°15	26°17	13°58	23° 1	3° 7	19° 9	0°17	27°16	15°50	14°48	19°38	14° 0	S 20
M21	18 34 10	8°26'42	7♌26	17°24	26°53	14° 5	23°15	3° 4	19° 7	0°20	27°16	15°47	14°45	19°45	13°59	M21
T 22	18 38 7	9°23'54	21°10	18°37	27°30	14°13	23°28	3° 1	19° 5	0°22	27°16	15°43	14°42	19°52	13°58	T 22
W23	18 42 4	10°21'07	4♍30	19°54	28° 8	14°22	23°42	2°58	19° 2	0°24	27°15	15°40	14°39	19°58	13°57	W23
T 24	18 46 0	11°18'19	17°25	21°15	28°47	14°32	23°55	2°55	19° 0	0°26	27°15	15°37	14°36	20° 5	13°57	T 24
F 25	18 49 57	12°15'31	29°59	22°41	29°27	14°42	24° 9	2°52	18°57	0°28	27°15	15°36	14°33	20°12	13°56	F 25
S 26	18 53 53	13°12'43	12♎14	24°10	0♊ 9	14°53	24°22	2°49	18°55	0°31	27°15	15°D35	14°29	20°18	13°55	S 26
S 27	18 57 50	14° 9'55	24°16	25°43	0°51	15° 5	24°36	2°46	18°53	0°33	27°15	15°35	14°26	20°25	13°54	S 27
M28	19 1 46	15° 7'07	6♏ 9	27°20	1°34	15°17	24°49	2°43	18°50	0°35	27°15	15°37	14°23	20°32	13°52	M28
T 29	19 5 43	16° 4'20	17°58	29° 0	2°18	15°30	25° 2	2°41	18°48	0°37	27°14	15°38	14°20	20°38	13°51	T 29
W30	19 9 39	17♋ 1'32	29♏48	0♋44	3♊ 3	15♏44	25♊15	2♐38	18♑45	0♋39	27♓14	15♊40	14♊17	20♏45	13♓50	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 4	11s45	3n 8	17n40	4s11	15n26	2s25	17s54	1s51	22n41	0s20	19s 9	1n56	22s30	0s29	22n26	1s 3	15s59	16s16	22n45	22n44	14s45	1s41	4n59
W 2	23 9	16 2	2 12	17 32	4 16	15 19	2 34	17 53	1 53	22 42	0 20	19 9	1 56	22 30	0 29	22 26	1 3	16 0	16 16	22 45	22 44	14 48	1 41	4 59
T 3	23 12	19 43	1 10	17 27	4 20	15 13	2 41	17 53	1 55	22 43	0 20	19 8	1 56	22 31	0 29	22 26	1 3	16 0	16 17	22 45	22 44	14 51	1 41	5 0
F 4	23 16	22 36	0 4	17 23	4 22	15 7	2 49	17 53	1 57	22 44	0 20	19 7	1 56	22 31	0 29	22 26	1 3	16 0	16 17	22 45	22 43	14 53	1 40	5 0
S 5	23 19	24 30	1s 2	17 22	4 23	15 3	2 56	17 53	1 58	22 46	0 20	19 7	1 56	22 31	0 29	22 26	1 3	16 0	16 17	22 45	22 43	14 56	1 40	5 0
S 6	23 22	25 16	2 7	17 22	4 23	15 0	3 2	17 53	2 0	22 47	0 20	19 6	1 56	22 32	0 29	22 26	1 3	16 0	16 18	22 45	22 43	14 58	1 40	5 0
M 7	23 24	24 47	3 6	17 25	4 21	14 57	3 9	17 53	2 2	22 48	0 19	19 5	1 55	22 32	0 29	22 26	1 3	16 1	16 18	22 45	22 42	15 1	1 39	5 1
T 8	23 26	23 2	3 58	17 29	4 18	14 55	3 14	17 54	2 4	22 49	0 19	19 5	1 55	22 32	0 29	22 26	1 3	16 1	16 18	22 45	22 42	15 4	1 39	5 1
W 9	23 28	20 6	4 38	17 35	4 14	14 55	3 20	17 55	2 5	22 50	0 19	19 4	1 55	22 33	0 29	22 26	1 3	16 1	16 19	22 45	22 42	15 6	1 39	5 1
T 10	23 29	16 8	5 5	17 42	4 10	14 55	3 25	17 56	2 7	22 51	0 19	19 4	1 55	22 33	0 29	22 26	1 3	16 1	16 19	22 44	22 41	15 9	1 39	5 1
F 11	23 29	11 17	5 16	17 52	4 4	14 55	3 30	17 57	2 8	22 52	0 19	19 3	1 55	22 33	0 29	22 26	1 3	16 2	16 20	22 44	22 41	15 11	1 39	5 1
S 12	23 30	5 48	5 10	18 3	3 57	14 57	3 34	17 59	2 10	22 53	0 19	19 3	1 55	22 34	0 29	22 26	1 3	16 2	16 20	22 44	22 40	15 14	1 39	5 2
S 13	23 30	0n 5	4 46	18 15	3 50	14 59	3 38	18 0	2 11	22 54	0 19	19 2	1 55	22 34	0 29	22 26	1 3	16 2	16 20	22 44	22 40	15 16	1 39	5 2
M14	23 29	6 6	4 4	18 28	3 41	15 2	3 42	18 2	2 13	22 55	0 19	19 1	1 54	22 34	0 29	22 26	1 3	16 3	16 21	22 44	22 40	15 19	1 38	5 2
T 15	23 28	11 54	3 6	18 43	3 32	15 6	3 45	18 4	2 14	22 56	0 19	19 1	1 54	22 35	0 29	22 26	1 3	16 3	16 21	22 44	22 39	15 22	1 38	5 2
W16	23 27	17 7	1 55	18 59	3 23	15 10	3 48	18 7	2 15	22 57	0 19	19 0	1 54	22 35	0 29	22 26	1 3	16 3	16 21	22 45	22 39	15 24	1 38	5 3
T 17	23 25	21 20	0 36	19 15	3 13	15 14	3 51	18 9	2 16	22 58	0 19	19 0	1 54	22 35	0 29	22 26	1 3	16 4	16 22	22 45	22 39	15 27	1 38	5 3
F 18	23 23	24 8	0n46	19 33	3 2	15 20	3 53	18 12	2 18	22 59	0 18	18 59	1 54	22 36	0 29	22 26	1 3	16 4	16 22	22 45	22 38	15 29	1 38	5 3
S 19	23 20	25 15	2 4	19 51	2 51	15 25	3 55	18 15	2 19	23 0	0 18	18 59	1 54	22 36	0 29	22 26	1 3	16 4	16 23	22 45	22 38	15 32	1 38	5 3
S 20	23 17	24 38	3 12	20 9	2 39	15 31	3 57	18 18	2 20	23 0	0 18	18 59	1 53	22 36	0 29	22 26	1 3	16 5	16 23	22 44	22 38	15 34	1 38	5 3
M21	23 14	22 26	4 7	20 28	2 27	15 38	3 59	18 21	2 21	23 1	0 18	18 58	1 53	22 37	0 29	22 26	1 3	16 5	16 23	22 44	22 37	15 37	1 39	5 4
T 22	23 10	18 59	4 46	20 46	2 14	15 45	4 0	18 24	2 22	23 2	0 18	18 58	1 53	22 37	0 29	22 26	1 3	16 5	16 24	22 44	22 37	15 40	1 39	5 4
W23	23 5	14 40	5 8	21 5	2 2	15 52	4 1	18 28	2 23	23 3	0 18	18 57	1 53	22 37	0 29	22 26	1 3	16 6	16 24	22 43	22 37	15 42	1 39	5 4
T 24	23 1	9 48	5 14	21 24	1 49	16 0	4 2	18 32	2 24	23 3	0 18	18 57	1 53	22 38	0 29	22 26	1 3	16 6	16 24	22 43	22 36	15 45	1 39	5 4
F 25	22 56	4 40	5 5	21 42	1 36	16 8	4 3	18 35	2 25	23 4	0 18	18 56	1 52	22 38	0 29	22 26	1 3	16 6	16 25	22 43	22 36	15 47	1 39	5 5
S 26	22 50	0s32	4 41	21 59	1 23	16 16	4 3	18 40	2 26	23 5	0 18	18 56	1 52	22 38	0 29	22 26	1 3	16 7	16 25	22 43	22 35	15 50	1 39	5 5
S 27	22 44	5 37	4 6	22 16	1 10	16 24	4 4	18 44	2 26	23 5	0 18	18 56	1 52	22 39	0 29	22 26	1 3	16 7	16 25	22 43	22 35	15 52	1 39	5 5
M28	22 38	10 27	3 20	22 31	0 57	16 33	4 4	18 48	2 27	23 6	0 18	18 55	1 52	22 39	0 29	22 26	1 3	16 8	16 26	22 43	22 35	15 55	1 40	5 5
T 29	22 32	14 53	2 26	22 46	0 44	16 41	4 4	18 53	2 28	23 7	0 18	18 55	1 52	22 39	0 29	22 26	1 3	16 8	16 26	22 43	22 34	15 57	1 40	5 5
W30	22n24	18s45	1n26	22n59	0s31	16n50	4s 3	18s58	2s29	23n 7	0s17	18s55	1n51	22s40	0s29	22n26	1s 3	16s 9	16s27	22n43	22n34	16s 0	1s40	5n 6

Julian Day Number = 2296112.5, Delta T = 130.16 sec
Ecliptic obliquity = 23°29'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'05, Lahiri = 17°55'05 Julian Calendar 1 June 1574 == Greg. Calendar 11 June 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

JULY 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 13 36	17♋58'45	11♐43	2♋31	3♊49	15♏59	25♊29	2°R36	18°R43	0♋42	27°R14	15°R41	14♊14	20♏52	13°R49	T 1
F 2	19 17 33	18°55'58	23°46	4°22	4°36	16°14	25°42	2♐33	18♑41	0°44	27♓14	15♊41	14°10	20°58	13♓48	F 2
S 3	19 21 29	19°53'11	6♑ 0	6°15	5°23	16°29	25°55	2°31	18°38	0°46	27°13	15°39	14° 7	21° 5	13°46	S 3
S 4	19 25 26	20°50'25	18°27	8°11	6°11	16°45	26° 8	2°29	18°36	0°48	27°13	15°36	14° 4	21°12	13°45	S 4
M 5	19 29 22	21°47'39	1♒ 8	10°10	7° 0	17° 2	26°21	2°27	18°33	0°50	27°13	15°31	14° 1	21°18	13°43	M 5
T 6	19 33 19	22°44'54	14° 4	12°10	7°50	17°20	26°34	2°25	18°31	0°52	27°12	15°25	13°58	21°25	13°42	T 6
W 7	19 37 15	23°42'10	27°15	14°13	8°40	17°38	26°47	2°23	18°29	0°54	27°12	15°19	13°54	21°32	13°40	W 7
T 8	19 41 12	24°39'26	10♓38	16°17	9°31	17°56	27° 0	2°21	18°26	0°56	27°11	15°13	13°51	21°38	13°39	T 8
F 9	19 45 8	25°36'43	24°14	18°22	10°23	18°15	27°13	2°19	18°24	0°58	27°11	15° 8	13°48	21°45	13°37	F 9
S 10	19 49 5	26°34'01	8♈ 0	20°28	11°15	18°35	27°26	2°17	18°21	1° 1	27°10	15° 5	13°45	21°52	13°35	S 10
S 11	19 53 2	27°31'20	21°57	22°34	12° 8	18°55	27°39	2°16	18°19	1° 3	27°10	15°D 3	13°42	21°58	13°34	S 11
M12	19 56 58	28°28'40	6♉ 3	24°41	13° 2	19°16	27°51	2°14	18°17	1° 5	27° 9	15° 4	13°39	22° 5	13°32	M12
T 13	20 0 55	29°26'01	20°16	26°48	13°56	19°37	28° 4	2°13	18°14	1° 7	27° 9	15° 5	13°35	22°12	13°30	T 13
W14	20 4 51	0♌23'23	4♊36	28°54	14°50	19°59	28°17	2°11	18°12	1° 9	27° 8	15° 6	13°32	22°18	13°28	W14
T 15	20 8 48	1°20'46	18°59	1♌ 0	15°46	20°21	28°29	2°10	18°10	1°11	27° 8	15°R 6	13°29	22°25	13°26	T 15
F 16	20 12 44	2°18'11	3♋21	3° 5	16°41	20°44	28°42	2° 9	18° 7	1°13	27° 7	15° 5	13°26	22°32	13°24	F 16
S 17	20 16 41	3°15'36	17°39	5° 9	17°37	21° 7	28°54	2° 8	18° 5	1°15	27° 7	15° 1	13°23	22°38	13°22	S 17
S 18	20 20 37	4°13'03	1♌48	7°12	18°34	21°31	29° 7	2° 7	18° 3	1°17	27° 6	14°56	13°20	22°45	13°20	S 18
M19	20 24 34	5°10'30	15°42	9°14	19°31	21°55	29°19	2° 6	18° 0	1°18	27° 5	14°48	13°16	22°52	13°18	M19
T 20	20 28 31	6° 7'58	29°18	11°15	20°28	22°20	29°32	2° 5	17°58	1°20	27° 5	14°40	13°13	22°58	13°16	T 20
W21	20 32 27	7° 5'28	12♍33	13°14	21°26	22°45	29°44	2° 5	17°56	1°22	27° 4	14°31	13°10	23° 5	13°14	W21
T 22	20 36 24	8° 2'57	25°27	15°12	22°24	23°10	29°56	2° 4	17°54	1°24	27° 3	14°23	13° 7	23°11	13°12	T 22
F 23	20 40 20	9° 0'28	8♎ 0	17° 9	23°23	23°36	0♋ 8	2° 4	17°51	1°26	27° 3	14°17	13° 4	23°18	13°10	F 23
S 24	20 44 17	9°58'00	20°16	19° 4	24°22	24° 3	0°20	2° 3	17°49	1°28	27° 2	14°13	13° 0	23°25	13° 7	S 24
S 25	20 48 13	10°55'32	2♏18	20°57	25°21	24°29	0°32	2° 3	17°47	1°30	27° 1	14°11	12°57	23°31	13° 5	S 25
M26	20 52 10	11°53'06	14°11	22°49	26°21	24°56	0°44	2° 3	17°45	1°32	27° 0	14°D10	12°54	23°38	13° 3	M26
T 27	20 56 6	12°50'40	26° 0	24°40	27°21	25°24	0°56	2° 2	17°43	1°33	26°59	14°11	12°51	23°45	13° 0	T 27
W28	21 0 3	13°48'15	7♐50	26°29	28°22	25°52	1° 8	2°D 2	17°41	1°35	26°59	14°12	12°48	23°51	12°58	W28
T 29	21 4 0	14°45'52	19°48	28°16	29°23	26°20	1°19	2° 3	17°39	1°37	26°58	14°R12	12°45	23°58	12°55	T 29
F 30	21 7 56	15°43'29	1♑56	0♍ 2	0♋24	26°49	1°31	2° 3	17°37	1°39	26°57	14°10	12°41	24° 5	12°53	F 30
S 31	21 11 53	16♌41'08	14♑19	1♍47	1♋25	27♏18	1♋43	2♐ 3	17♑35	1♋40	26♓56	14♊ 6	12♊38	24♏11	12♓50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n17	21s53	0n22	23n10	0s18	16n59	4s 3	19s 2	2s29	23n 8	0s17	18s55	1n51	22s40	0s29	22n26	1s 3	16s 9	16s27	22n43	22n34	16s 2	1s41	5n 6
F 2	22 9	24 5	0s44	23 19	0 6	17 8	4 2	19 7	2 30	23 8	0 17	18 54	1 51	22 40	0 29	22 26	1 3	16 9	16 27	22 43	22 33	16 5	1 41	5 6
S 3	22 1	25 10	1 49	23 26	0n 6	17 18	4 1	19 13	2 31	23 9	0 17	18 54	1 51	22 41	0 29	22 26	1 3	16 10	16 28	22 43	22 33	16 7	1 41	5 6
S 4	21 53	25 1	2 49	23 32	0 17	17 27	4 0	19 18	2 31	23 9	0 17	18 54	1 51	22 41	0 29	22 26	1 3	16 10	16 28	22 43	22 32	16 10	1 42	5 6
M 5	21 44	23 34	3 42	23 34	0 28	17 36	3 59	19 23	2 32	23 10	0 17	18 54	1 50	22 41	0 29	22 26	1 3	16 11	16 28	22 42	22 32	16 12	1 42	5 6
T 6	21 34	20 52	4 25	23 34	0 38	17 46	3 58	19 29	2 32	23 10	0 17	18 53	1 50	22 42	0 29	22 26	1 3	16 11	16 29	22 42	22 32	16 15	1 42	5 7
W 7	21 25	17 4	4 55	23 32	0 48	17 55	3 56	19 34	2 33	23 10	0 17	18 53	1 50	22 42	0 29	22 26	1 3	16 12	16 29	22 41	22 31	16 17	1 43	5 7
T 8	21 15	12 21	5 9	23 27	0 57	18 4	3 54	19 40	2 33	23 11	0 17	18 53	1 50	22 42	0 29	22 26	1 3	16 12	16 29	22 40	22 31	16 20	1 43	5 7
F 9	21 4	6 59	5 6	23 19	1 5	18 13	3 53	19 46	2 34	23 11	0 17	18 53	1 50	22 43	0 29	22 26	1 3	16 13	16 30	22 40	22 31	16 22	1 44	5 7
S 10	20 53	1 12	4 46	23 8	1 13	18 22	3 51	19 52	2 34	23 12	0 17	18 53	1 49	22 43	0 29	22 26	1 3	16 13	16 30	22 40	22 30	16 25	1 44	5 7
S 11	20 42	4n44	4 8	22 55	1 20	18 31	3 49	19 58	2 35	23 12	0 17	18 53	1 49	22 43	0 29	22 26	1 3	16 14	16 30	22 39	22 30	16 27	1 45	5 7
M12	20 31	10 29	3 16	22 39	1 26	18 40	3 46	20 4	2 35	23 12	0 17	18 53	1 49	22 44	0 29	22 26	1 3	16 14	16 31	22 39	22 29	16 30	1 45	5 8
T 13	20 19	15 46	2 10	22 20	1 31	18 49	3 44	20 10	2 35	23 12	0 16	18 53	1 49	22 44	0 29	22 26	1 3	16 15	16 31	22 39	22 29	16 32	1 46	5 8
W14	20 7	20 11	0 57	21 59	1 36	18 58	3 42	20 16	2 36	23 13	0 16	18 53	1 49	22 44	0 29	22 26	1 3	16 15	16 31	22 40	22 29	16 35	1 46	5 8
T 15	19 54	23 23	0n21	21 36	1 39	19 6	3 39	20 23	2 36	23 13	0 16	18 52	1 48	22 45	0 29	22 26	1 3	16 16	16 32	22 40	22 28	16 37	1 47	5 8
F 16	19 42	25 4	1 37	21 10	1 42	19 14	3 36	20 29	2 36	23 13	0 16	18 52	1 48	22 45	0 29	22 26	1 3	16 16	16 32	22 39	22 28	16 40	1 48	5 8
S 17	19 28	25 5	2 46	20 43	1 44	19 22	3 34	20 36	2 36	23 13	0 16	18 52	1 48	22 45	0 29	22 26	1 3	16 17	16 32	22 39	22 28	16 42	1 48	5 8
S 18	19 15	23 27	3 45	20 13	1 46	19 30	3 31	20 42	2 37	23 13	0 16	18 53	1 48	22 46	0 29	22 26	1 3	16 17	16 33	22 38	22 27	16 45	1 49	5 9
M19	19 1	20 26	4 28	19 42	1 47	19 38	3 28	20 49	2 37	23 14	0 16	18 53	1 47	22 46	0 29	22 26	1 3	16 18	16 33	22 38	22 27	16 47	1 50	5 9
T 20	18 47	16 21	4 56	19 9	1 47	19 45	3 25	20 55	2 37	23 14	0 16	18 53	1 47	22 46	0 29	22 26	1 3	16 18	16 33	22 37	22 26	16 50	1 50	5 9
W21	18 33	11 34	5 6	18 35	1 46	19 52	3 22	21 2	2 37	23 14	0 16	18 53	1 47	22 47	0 29	22 26	1 3	16 19	16 34	22 36	22 26	16 52	1 51	5 9
T 22	18 18	6 25	5 1	17 59	1 45	19 58	3 19	21 9	2 37	23 14	0 16	18 53	1 47	22 47	0 29	22 26	1 3	16 19	16 34	22 35	22 26	16 55	1 52	5 9
F 23	18 3	1 7	4 41	17 22	1 43	20 5	3 15	21 15	2 37	23 14	0 16	18 53	1 46	22 47	0 29	22 26	1 3	16 20	16 34	22 34	22 25	16 57	1 52	5 9
S 24	17 47	4s 6	4 8	16 44	1 41	20 11	3 12	21 22	2 38	23 14	0 16	18 53	1 46	22 47	0 29	22 26	1 3	16 21	16 34	22 34	22 25	17 0	1 53	5 9
S 25	17 32	9 5	3 25	16 5	1 38	20 17	3 8	21 29	2 38	23 14	0 16	18 53	1 46	22 48	0 29	22 26	1 3	16 21	16 35	22 33	22 24	17 2	1 54	5 9
M26	17 16	13 41	2 34	15 26	1 34	20 22	3 5	21 36	2 38	23 14	0 16	18 53	1 46	22 48	0 29	22 26	1 3	16 22	16 35	22 33	22 24	17 5	1 55	5 9
T 27	17 0	17 45	1 36	14 45	1 31	20 27	3 1	21 42	2 38	23 14	0 15	18 54	1 46	22 48	0 29	22 26	1 3	16 22	16 35	22 33	22 24	17 7	1 56	5 10
W28	16 43	21 6	0 34	14 4	1 26	20 31	2 58	21 49	2 38	23 14	0 15	18 54	1 45	22 48	0 29	22 26	1 3	16 23	16 36	22 33	22 23	17 10	1 56	5 10
T 29	16 27	23 36	0s30	13 23	1 21	20 36	2 54	21 56	2 38	23 14	0 15	18 54	1 45	22 49	0 29	22 26	1 3	16 23	16 36	22 33	22 23	17 12	1 57	5 10
F 30	16 10	25 2	1 33	12 41	1 16	20 39	2 50	22 3	2 38	23 14	0 15	18 54	1 45	22 49	0 29	22 26	1 4	16 24	16 36	22 33	22 22	17 14	1 58	5 10
S 31	15n52	25s16	2s34	11n58	1n11	20n43	2s46	22s10	2s38	23n14	0s15	18s55	1n45	22s49	0s29	22n26	1s 4	16s25	16s36	22n33	22n22	17s17	1s59	5n10

Julian Day Number = 2296142.5, Delta T = 130.00 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'09, Lahiri = 17°55'10 Julian Calendar 1 July 1574 == Greg. Calendar 11 July 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

AUGUST 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 15 49	17♌38'47	27♉ 0	3♍30	2♋27	27♏47	1♋54	2♐ 3	17°R33	1♋42	26°R55	14°R 0	12♊35	24♏18	12°R48	S 1
M 2	21 19 46	18°36'28	10♒ 0	5°11	3°29	28°17	2° 5	2° 4	17♉31	1°44	26♓54	13♊52	12°32	24°25	12♓45	M 2
T 3	21 23 42	19°34'10	23°18	6°52	4°31	28°47	2°17	2° 4	17°29	1°45	26°54	13°41	12°29	24°31	12°43	T 3
W 4	21 27 39	20°31'54	6♓53	8°30	5°34	29°18	2°28	2° 5	17°27	1°47	26°53	13°31	12°25	24°38	12°40	W 4
T 5	21 31 35	21°29'39	20°42	10° 8	6°37	29°49	2°39	2° 6	17°25	1°48	26°52	13°20	12°22	24°45	12°38	T 5
F 6	21 35 32	22°27'25	4♈40	11°44	7°40	0♐20	2°50	2° 7	17°23	1°50	26°51	13°12	12°19	24°51	12°35	F 6
S 7	21 39 29	23°25'13	18°45	13°18	8°44	0°51	3° 1	2° 8	17°21	1°52	26°50	13° 5	12°16	24°58	12°32	S 7
S 8	21 43 25	24°23'03	2♉53	14°51	9°48	1°23	3°12	2° 9	17°20	1°53	26°49	13° 1	12°13	25° 5	12°30	S 8
M 9	21 47 22	25°20'55	17° 2	16°23	10°52	1°55	3°23	2°10	17°18	1°55	26°48	12°59	12°10	25°11	12°27	M 9
T 10	21 51 18	26°18'48	1♊ 9	17°53	11°56	2°27	3°33	2°11	17°16	1°56	26°47	12°D59	12° 6	25°18	12°24	T 10
W11	21 55 15	27°16'44	15°15	19°22	13° 0	2°59	3°44	2°12	17°15	1°57	26°46	12°R59	12° 3	25°25	12°21	W11
T 12	21 59 11	28°14'41	29°18	20°50	14° 5	3°32	3°55	2°14	17°13	1°59	26°45	12°59	12° 0	25°31	12°19	T 12
F 13	22 3 8	29°12'41	13♋17	22°16	15°10	4° 5	4° 5	2°15	17°11	2° 0	26°44	12°56	11°57	25°38	12°16	F 13
S 14	22 7 4	0♍10'42	27°10	23°41	16°15	4°39	4°15	2°17	17°10	2° 2	26°43	12°50	11°54	25°45	12°13	S 14
S 15	22 11 1	1° 8'44	10♌54	25° 4	17°21	5°13	4°26	2°19	17° 8	2° 3	26°42	12°42	11°51	25°51	12°10	S 15
M16	22 14 58	2° 6'49	24°27	26°26	18°27	5°47	4°36	2°21	17° 7	2° 4	26°41	12°31	11°47	25°58	12° 7	M16
T 17	22 18 54	3° 4'55	7♍45	27°46	19°32	6°21	4°46	2°22	17° 5	2° 6	26°40	12°18	11°44	26° 4	12° 5	T 17
W18	22 22 51	4° 3'03	20°48	29° 4	20°39	6°55	4°56	2°24	17° 4	2° 7	26°38	12° 6	11°41	26°11	12° 2	W18
T 19	22 26 47	5° 1'12	3♎32	0♎21	21°45	7°30	5° 5	2°27	17° 3	2° 8	26°37	11°54	11°38	26°18	11°59	T 19
F 20	22 30 44	5°59'23	16° 0	1°36	22°51	8° 5	5°15	2°29	17° 1	2° 9	26°36	11°44	11°35	26°24	11°56	F 20
S 21	22 34 40	6°57'36	28°12	2°50	23°58	8°40	5°25	2°31	17° 0	2°11	26°35	11°37	11°31	26°31	11°53	S 21
S 22	22 38 37	7°55'50	10♏12	4° 2	25° 5	9°16	5°34	2°33	16°59	2°12	26°34	11°32	11°28	26°38	11°50	S 22
M23	22 42 33	8°54'06	22° 4	5°11	26°12	9°52	5°44	2°36	16°57	2°13	26°33	11°30	11°25	26°44	11°47	M23
T 24	22 46 30	9°52'23	3♐52	6°19	27°19	10°27	5°53	2°38	16°56	2°14	26°32	11°29	11°22	26°51	11°45	T 24
W25	22 50 27	10°50'42	15°42	7°25	28°27	11° 4	6° 2	2°41	16°55	2°15	26°31	11°29	11°19	26°58	11°42	W25
T 26	22 54 23	11°49'03	27°39	8°28	29°34	11°40	6°11	2°44	16°54	2°16	26°30	11°28	11°16	27° 4	11°39	T 26
F 27	22 58 20	12°47'25	9♑49	9°29	0♌42	12°17	6°20	2°47	16°53	2°17	26°28	11°26	11°12	27°11	11°36	F 27
S 28	23 2 16	13°45'49	22°17	10°28	1°50	12°54	6°29	2°49	16°52	2°18	26°27	11°22	11° 9	27°18	11°33	S 28
S 29	23 6 13	14°44'14	5♒ 6	11°23	2°58	13°31	6°37	2°52	16°51	2°19	26°26	11°15	11° 6	27°24	11°30	S 29
M30	23 10 9	15°42'41	18°19	12°16	4° 6	14° 8	6°46	2°56	16°50	2°20	26°25	11° 6	11° 3	27°31	11°27	M30
T 31	23 14 6	16♍41'10	1♓54	13♎ 6	5♌14	14♐45	6♋54	2♐59	16♉49	2♋21	26♓24	10♊55	11♊ 0	27♏38	11♓24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n35	24s12	3s28	11n16	1n 5	20n46	2s43	22s16	2s38	23n14	0s15	18s55	1n44	22s50	0s29	22n26	1s 4	16s25	16s37	22n32	22n21	17s19	2s 0	5n10
M 2	15 17	21 49	4 12	10 33	0 59	20 48	2 39	22 23	2 38	23 14	0 15	18 55	1 44	22 50	0 29	22 25	1 4	16 26	16 37	22 31	22 21	17 22	2 1	5 10
T 3	14 59	18 15	4 44	9 50	0 53	20 50	2 35	22 30	2 37	23 14	0 15	18 56	1 44	22 50	0 29	22 25	1 4	16 26	16 37	22 30	22 21	17 24	2 2	5 10
W 4	14 41	13 39	5 1	9 6	0 46	20 52	2 31	22 36	2 37	23 14	0 15	18 56	1 44	22 50	0 29	22 25	1 4	16 27	16 37	22 28	22 20	17 27	2 3	5 10
T 5	14 22	8 17	5 0	8 23	0 39	20 53	2 27	22 43	2 37	23 13	0 15	18 56	1 43	22 51	0 29	22 25	1 4	16 27	16 37	22 27	22 20	17 29	2 3	5 10
F 6	14 4	2 27	4 42	7 40	0 32	20 54	2 23	22 50	2 37	23 13	0 15	18 57	1 43	22 51	0 29	22 25	1 4	16 28	16 38	22 26	22 19	17 31	2 4	5 10
S 7	13 45	3n34	4 6	6 57	0 24	20 54	2 18	22 56	2 37	23 13	0 15	18 57	1 43	22 51	0 29	22 25	1 4	16 29	16 38	22 25	22 19	17 34	2 5	5 10
S 8	13 25	9 26	3 16	6 14	0 17	20 54	2 14	23 3	2 37	23 13	0 15	18 58	1 43	22 51	0 29	22 25	1 4	16 29	16 38	22 25	22 19	17 36	2 6	5 10
M 9	13 6	14 50	2 13	5 31	0 9	20 53	2 10	23 9	2 37	23 13	0 14	18 58	1 43	22 51	0 29	22 25	1 4	16 30	16 38	22 25	22 18	17 39	2 7	5 10
T 10	12 46	19 25	1 2	4 49	0 1	20 52	2 6	23 15	2 36	23 12	0 14	18 59	1 42	22 52	0 29	22 25	1 4	16 30	16 39	22 25	22 18	17 41	2 8	5 10
W11	12 27	22 53	0n12	4 6	0s 7	20 50	2 2	23 22	2 36	23 12	0 14	18 59	1 42	22 52	0 29	22 25	1 4	16 31	16 39	22 25	22 17	17 43	2 9	5 10
T 12	12 7	24 55	1 25	3 24	0 16	20 48	1 57	23 28	2 36	23 12	0 14	19 0	1 42	22 52	0 29	22 25	1 4	16 32	16 39	22 25	22 17	17 46	2 10	5 10
F 13	11 47	25 22	2 33	2 42	0 24	20 45	1 53	23 34	2 36	23 12	0 14	19 0	1 42	22 52	0 29	22 25	1 4	16 32	16 39	22 24	22 16	17 48	2 12	5 10
S 14	11 26	24 14	3 31	2 1	0 33	20 42	1 49	23 40	2 36	23 12	0 14	19 1	1 41	22 52	0 29	22 25	1 4	16 33	16 39	22 23	22 16	17 51	2 13	5 10
S 15	11 6	21 39	4 16	1 20	0 41	20 38	1 45	23 46	2 35	23 11	0 14	19 1	1 41	22 53	0 29	22 25	1 4	16 33	16 40	22 22	22 16	17 53	2 14	5 10
M16	10 45	17 54	4 46	0 40	0 50	20 34	1 40	23 52	2 35	23 11	0 14	19 2	1 41	22 53	0 29	22 25	1 4	16 34	16 40	22 21	22 15	17 55	2 15	5 10
T 17	10 24	13 19	5 0	0s 0	0 59	20 29	1 36	23 57	2 35	23 11	0 14	19 2	1 41	22 53	0 29	22 25	1 4	16 34	16 40	22 19	22 15	17 58	2 16	5 10
W18	10 3	8 12	4 57	0 39	1 7	20 24	1 32	24 3	2 34	23 10	0 14	19 3	1 41	22 53	0 29	22 25	1 4	16 35	16 40	22 18	22 14	18 0	2 17	5 10
T 19	9 42	2 52	4 40	1 18	1 16	20 18	1 27	24 9	2 34	23 10	0 14	19 4	1 40	22 53	0 29	22 25	1 4	16 36	16 40	22 16	22 14	18 3	2 18	5 10
F 20	9 20	2s28	4 9	1 56	1 25	20 11	1 23	24 14	2 34	23 10	0 14	19 4	1 40	22 53	0 29	22 25	1 4	16 36	16 40	22 15	22 14	18 5	2 19	5 10
S 21	8 59	7 38	3 28	2 34	1 34	20 4	1 19	24 19	2 33	23 9	0 14	19 5	1 40	22 54	0 29	22 25	1 4	16 37	16 40	22 14	22 13	18 7	2 20	5 10
S 22	8 37	12 25	2 38	3 10	1 43	19 57	1 15	24 25	2 33	23 9	0 14	19 6	1 40	22 54	0 29	22 25	1 4	16 37	16 41	22 13	22 13	18 10	2 21	5 10
M23	8 15	16 42	1 41	3 46	1 51	19 49	1 10	24 30	2 33	23 9	0 13	19 6	1 39	22 54	0 29	22 25	1 4	16 38	16 41	22 13	22 12	18 12	2 22	5 10
T 24	7 53	20 19	0 40	4 21	2 0	19 40	1 6	24 35	2 32	23 9	0 13	19 7	1 39	22 54	0 29	22 25	1 4	16 38	16 41	22 13	22 12	18 14	2 24	5 10
W25	7 31	23 6	0s22	4 55	2 9	19 31	1 2	24 40	2 32	23 8	0 13	19 8	1 39	22 54	0 29	22 25	1 4	16 39	16 41	22 13	22 11	18 17	2 25	5 10
T 26	7 9	24 53	1 25	5 28	2 17	19 21	0 57	24 44	2 31	23 8	0 13	19 8	1 39	22 54	0 29	22 25	1 4	16 40	16 41	22 13	22 11	18 19	2 26	5 10
F 27	6 46	25 32	2 24	6 0	2 26	19 11	0 53	24 49	2 31	23 7	0 13	19 9	1 39	22 54	0 29	22 24	1 4	16 40	16 41	22 12	22 10	18 22	2 27	5 10
S 28	6 24	24 54	3 18	6 30	2 34	19 0	0 49	24 53	2 31	23 7	0 13	19 10	1 38	22 54	0 29	22 24	1 4	16 41	16 41	22 12	22 10	18 24	2 28	5 10
S 29	6 1	22 58	4 4	7 0	2 42	18 49	0 45	24 57	2 30	23 7	0 13	19 11	1 38	22 55	0 29	22 24	1 4	16 41	16 41	22 11	22 10	18 26	2 29	5 10
M30	5 39	19 46	4 38	7 28	2 50	18 37	0 41	25 2	2 30	23 6	0 13	19 12	1 38	22 55	0 29	22 24	1 4	16 42	16 41	22 10	22 9	18 29	2 31	5 10
T 31	5n16	15s26	4s57	7s54	2s57	18n25	0s37	25s 6	2s29	23n 6	0s13	19s12	1n38	22s55	0s29	22n24	1s 4	16s42	16s42	22n 8	22n 9	18s31	2s32	5n10

Julian Day Number = 2296173.5, Delta T = 129.84 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'13, Lahiri = 17°55'14 Julian Calendar 1 Aug. 1574 == Greg. Calendar 11 Aug. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

SEPTEMBER 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 18 2	17♍39'40	15♓51	13♎52	6♌23	15♐23	7♋ 3	3♐ 2	16°R49	2♋22	26°R23	10°R43	10♊57	27♏44	11°R22	W 1
T 2	23 21 59	18°38'13	0♈ 5	14°35	7°32	16° 1	7°11	3° 5	16♑48	2°22	26♓21	10♊31	10°53	27°51	11♓19	T 2
F 3	23 25 55	19°36'47	14°30	15°14	8°41	16°39	7°19	3° 9	16°47	2°23	26°20	10°21	10°50	27°57	11°16	F 3
S 4	23 29 52	20°35'24	29° 0	15°49	9°50	17°17	7°27	3°12	16°47	2°24	26°19	10°14	10°47	28° 4	11°13	S 4
S 5	23 33 49	21°34'03	13♉29	16°20	10°59	17°55	7°34	3°16	16°46	2°25	26°18	10° 9	10°44	28°11	11°10	S 5
M 6	23 37 45	22°32'44	27°52	16°45	12° 8	18°34	7°42	3°19	16°45	2°25	26°17	10° 7	10°41	28°17	11° 7	M 6
T 7	23 41 42	23°31'27	12♊ 6	17° 5	13°18	19°12	7°49	3°23	16°45	2°26	26°15	10°D 7	10°37	28°24	11° 5	T 7
W 8	23 45 38	24°30'13	26°10	17°20	14°27	19°51	7°57	3°27	16°44	2°27	26°14	10°R 7	10°34	28°31	11° 2	W 8
T 9	23 49 35	25°29'01	10♋ 3	17°29	15°37	20°30	8° 4	3°31	16°44	2°27	26°13	10° 6	10°31	28°37	10°59	T 9
F 10	23 53 31	26°27'51	23°45	17°R31	16°47	21°10	8°11	3°35	16°44	2°28	26°12	10° 3	10°28	28°44	10°56	F 10
S 11	23 57 28	27°26'44	7♌16	17°27	17°57	21°49	8°18	3°39	16°43	2°28	26°11	9°58	10°25	28°51	10°54	S 11
S 12	0 1 24	28°25'39	20°37	17°16	19° 7	22°29	8°24	3°43	16°43	2°29	26° 9	9°50	10°22	28°57	10°51	S 12
M13	0 5 21	29°24'36	3♍46	16°57	20°18	23° 8	8°31	3°47	16°43	2°29	26° 8	9°40	10°18	29° 4	10°48	M13
T 14	0 9 18	0♎23'35	16°43	16°31	21°28	23°48	8°37	3°52	16°43	2°30	26° 7	9°28	10°15	29°11	10°45	T 14
W15	0 13 14	1°22'36	29°28	15°57	22°39	24°28	8°44	3°56	16°43	2°30	26° 6	9°16	10°12	29°17	10°43	W15
T 16	0 17 11	2°21'39	11♎58	15°15	23°49	25° 8	8°50	4° 0	16°43	2°30	26° 5	9° 4	10° 9	29°24	10°40	T 16
F 17	0 21 7	3°20'44	24°16	14°27	25° 0	25°49	8°56	4° 5	16°D43	2°31	26° 3	8°54	10° 6	29°31	10°38	F 17
S 18	0 25 4	4°19'52	6♏21	13°32	26°11	26°29	9° 2	4° 9	16°43	2°31	26° 2	8°47	10° 2	29°37	10°35	S 18
S 19	0 29 0	5°19'01	18°17	12°31	27°22	27°10	9° 7	4°14	16°43	2°31	26° 1	8°42	9°59	29°44	10°32	S 19
M20	0 32 57	6°18'12	0♐ 6	11°25	28°33	27°51	9°13	4°19	16°43	2°31	26° 0	8°40	9°56	29°50	10°30	M20
T 21	0 36 53	7°17'25	11°52	10°16	29°44	28°32	9°18	4°24	16°43	2°32	25°59	8°D40	9°53	29°57	10°27	T 21
W22	0 40 50	8°16'40	23°41	9° 5	0♍56	29°13	9°23	4°28	16°43	2°32	25°58	8°40	9°50	0♐ 4	10°25	W22
T 23	0 44 47	9°15'57	5♑36	7°55	2° 7	29°54	9°28	4°33	16°44	2°32	25°56	8°R41	9°47	0°10	10°23	T 23
F 24	0 48 43	10°15'15	17°45	6°47	3°19	0♑35	9°33	4°38	16°44	2°32	25°55	8°41	9°43	0°17	10°20	F 24
S 25	0 52 40	11°14'35	0♒11	5°43	4°30	1°17	9°37	4°43	16°44	2°32	25°54	8°39	9°40	0°24	10°18	S 25
S 26	0 56 36	12°13'57	13° 0	4°45	5°42	1°58	9°42	4°49	16°45	2°R32	25°53	8°35	9°37	0°30	10°15	S 26
M27	1 0 33	13°13'21	26°15	3°55	6°54	2°40	9°46	4°54	16°45	2°32	25°52	8°29	9°34	0°37	10°13	M27
T 28	1 4 29	14°12'47	9♓57	3°14	8° 6	3°21	9°50	4°59	16°46	2°32	25°51	8°21	9°31	0°44	10°11	T 28
W29	1 8 26	15°12'14	24° 6	2°43	9°18	4° 3	9°54	5° 4	16°47	2°32	25°50	8°12	9°28	0°50	10° 9	W29
T 30	1 12 22	16♎11'43	8♈37	2♎22	10♍30	4♑45	9♋58	5♐10	16♑47	2♋32	25♓49	8♊ 3	9♊24	0♐57	10♓ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4n53	10s11	4s59	8s19	3s 5	18n12	0s32	25s 9	2s29	23n 6	0s13	19s13	1n37	22s55	0s29	22n24	1s 4	16s43	16s42	22n 6	22n 8	18s33	2s33	5n10	W 1
T 2	4 30	4 18	4 44	8 42	3 12	17 58	0 28	25 13	2 28	23 5	0 13	19 14	1 37	22 55	0 29	22 24	1 4	16 43	16 42	22 5	22 8	18 36	2 34	5 9	T 2
F 3	4 7	1n54	4 10	9 3	3 18	17 45	0 24	25 16	2 28	23 5	0 13	19 15	1 37	22 55	0 29	22 24	1 4	16 44	16 42	22 3	22 7	18 38	2 35	5 9	F 3
S 4	3 44	8 2	3 19	9 23	3 24	17 30	0 20	25 20	2 27	23 5	0 13	19 16	1 37	22 55	0 29	22 24	1 4	16 44	16 42	22 2	22 7	18 40	2 36	5 9	S 4
S 5	3 21	13 46	2 16	9 40	3 30	17 15	0 16	25 23	2 27	23 4	0 12	19 17	1 37	22 55	0 29	22 24	1 4	16 45	16 42	22 1	22 6	18 43	2 38	5 9	S 5
M 6	2 58	18 41	1 4	9 54	3 35	17 0	0 12	25 26	2 26	23 4	0 12	19 17	1 36	22 55	0 29	22 24	1 4	16 45	16 42	22 1	22 6	18 45	2 39	5 9	M 6
T 7	2 35	22 28	0n11	10 6	3 39	16 44	0 9	25 28	2 26	23 4	0 12	19 18	1 36	22 55	0 29	22 24	1 4	16 46	16 42	22 1	22 6	18 47	2 40	5 9	T 7
W 8	2 11	24 50	1 24	10 15	3 43	16 27	0 5	25 31	2 25	23 3	0 12	19 19	1 36	22 55	0 29	22 24	1 4	16 46	16 42	22 1	22 5	18 49	2 41	5 9	W 8
T 9	1 48	25 38	2 32	10 21	3 45	16 11	0 1	25 33	2 24	23 3	0 12	19 20	1 36	22 55	0 29	22 24	1 4	16 47	16 42	22 1	22 5	18 52	2 42	5 9	T 9
F 10	1 25	24 50	3 30	10 23	3 47	15 53	0n 3	25 36	2 24	23 2	0 12	19 21	1 36	22 55	0 29	22 24	1 4	16 47	16 42	22 1	22 4	18 54	2 43	5 8	F 10
S 11	1 1	22 36	4 15	10 22	3 48	15 35	0 7	25 38	2 23	23 2	0 12	19 22	1 35	22 55	0 29	22 24	1 4	16 48	16 42	22 0	22 4	18 56	2 45	5 8	S 11
S 12	0 38	19 9	4 45	10 17	3 47	15 17	0 10	25 39	2 23	23 2	0 12	19 23	1 35	22 55	0 29	22 24	1 5	16 48	16 42	21 59	22 3	18 59	2 46	5 8	S 12
M13	0 14	14 48	5 0	10 8	3 45	14 58	0 14	25 41	2 22	23 1	0 12	19 24	1 35	22 55	0 29	22 24	1 5	16 49	16 42	21 57	22 3	19 1	2 47	5 8	M13
T 14	0s 9	9 51	5 0	9 55	3 41	14 39	0 17	25 42	2 22	23 1	0 12	19 25	1 35	22 55	0 29	22 24	1 5	16 49	16 42	21 55	22 2	19 3	2 48	5 8	T 14
W15	0 33	4 33	4 44	9 37	3 36	14 20	0 21	25 44	2 21	23 1	0 12	19 26	1 35	22 55	0 29	22 24	1 5	16 50	16 42	21 53	22 2	19 5	2 49	5 8	W15
T 16	0 56	0s50	4 14	9 14	3 29	14 0	0 24	25 45	2 20	23 0	0 12	19 27	1 34	22 55	0 29	22 24	1 5	16 50	16 42	21 52	22 1	19 8	2 50	5 7	T 16
F 17	1 20	6 7	3 34	8 47	3 21	13 39	0 28	25 45	2 20	23 0	0 12	19 28	1 34	22 55	0 29	22 24	1 5	16 51	16 42	21 50	22 1	19 10	2 52	5 7	F 17
S 18	1 44	11 6	2 43	8 16	3 10	13 18	0 31	25 46	2 19	23 0	0 11	19 29	1 34	22 55	0 29	22 24	1 5	16 51	16 42	21 49	22 0	19 12	2 53	5 7	S 18
S 19	2 7	15 36	1 47	7 41	2 58	12 57	0 34	25 46	2 18	23 0	0 11	19 30	1 34	22 55	0 29	22 24	1 5	16 51	16 42	21 48	22 0	19 15	2 54	5 7	S 19
M20	2 31	19 28	0 46	7 2	2 43	12 35	0 37	25 46	2 18	22 59	0 11	19 31	1 34	22 55	0 29	22 24	1 5	16 52	16 42	21 48	22 0	19 17	2 55	5 7	M20
T 21	2 54	22 33	0s17	6 20	2 27	12 13	0 41	25 46	2 17	22 59	0 11	19 32	1 34	22 55	0 29	22 24	1 5	16 52	16 42	21 48	21 59	19 19	2 56	5 6	T 21
W22	3 17	24 40	1 20	5 35	2 9	11 51	0 44	25 46	2 16	22 59	0 11	19 33	1 33	22 55	0 29	22 24	1 5	16 53	16 42	21 48	21 59	19 21	2 57	5 6	W22
T 23	3 41	25 42	2 19	4 50	1 50	11 28	0 47	25 45	2 16	22 58	0 11	19 34	1 33	22 55	0 29	22 23	1 5	16 53	16 42	21 48	21 58	19 24	2 58	5 6	T 23
F 24	4 4	25 31	3 14	4 5	1 31	11 5	0 50	25 44	2 15	22 58	0 11	19 35	1 33	22 55	0 29	22 23	1 5	16 53	16 41	21 48	21 58	19 26	2 59	5 6	F 24
S 25	4 28	24 4	4 0	3 21	1 10	10 42	0 52	25 43	2 14	22 58	0 11	19 37	1 33	22 55	0 29	22 23	1 5	16 54	16 41	21 48	21 57	19 28	3 0	5 6	S 25
S 26	4 51	21 22	4 37	2 39	0 50	10 18	0 55	25 42	2 13	22 58	0 11	19 38	1 33	22 55	0 29	22 23	1 5	16 54	16 41	21 47	21 57	19 30	3 2	5 5	S 26
M27	5 14	17 29	4 59	2 0	0 29	9 54	0 58	25 41	2 13	22 57	0 11	19 39	1 33	22 55	0 29	22 23	1 5	16 55	16 41	21 46	21 56	19 33	3 3	5 5	M27
T 28	5 37	12 34	5 6	1 26	0 9	9 29	1 1	25 39	2 12	22 57	0 11	19 40	1 32	22 55	0 28	22 23	1 5	16 55	16 41	21 45	21 56	19 35	3 4	5 5	T 28
W29	6 0	6 51	4 55	0 56	0n10	9 5	1 3	25 37	2 11	22 57	0 11	19 41	1 32	22 55	0 28	22 23	1 5	16 55	16 41	21 44	21 55	19 37	3 5	5 5	W29
T 30	6s23	0s38	4s24	0s32	0n27	8n40	1n 6	25s35	2s10	22n57	0s10	19s42	1n32	22s55	0s28	22n23	1s 5	16s56	16s41	21n42	21n55	19s39	3s 6	5n 4	T 30

Julian Day Number = 2296204.5, Delta T = 129.69 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'18, Lahiri = 17°55'18 Julian Calendar 1 Sept. 1574 == Greg. Calendar 11 Sept. 1574

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1574
geocentric

OCTOBER 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 16 19	17♎11'15	23♈23	2°D13	11♍42	5♑27	10♋ 2	5♐15	16♑48	2°R32	25°R47	7°R56	9♊21	1♐ 4	10°R 4	F 1
S 2	1 20 16	18°10'48	8♉18	2♎15	12°54	6°10	10° 5	5°21	16°49	2♋32	25♓46	7♊51	9°18	1°10	10♓ 2	S 2
S 3	1 24 12	19°10'24	23°11	2°27	14° 7	6°52	10° 8	5°26	16°49	2°31	25°45	7°48	9°15	1°17	10° 0	S 3
M 4	1 28 9	20°10'02	7♊56	2°50	15°19	7°34	10°11	5°32	16°50	2°31	25°44	7°D47	9°12	1°24	9°58	M 4
T 5	1 32 5	21° 9'42	22°28	3°23	16°32	8°17	10°14	5°37	16°51	2°31	25°43	7°48	9° 8	1°30	9°56	T 5
W 6	1 36 2	22° 9'25	6♋42	4° 5	17°45	8°59	10°17	5°43	16°52	2°30	25°42	7°49	9° 5	1°37	9°54	W 6
T 7	1 39 58	23° 9'10	20°38	4°55	18°57	9°42	10°19	5°49	16°53	2°30	25°41	7°R50	9° 2	1°43	9°52	T 7
F 8	1 43 55	24° 8'57	4♌15	5°53	20°10	10°25	10°21	5°55	16°54	2°30	25°40	7°49	8°59	1°50	9°51	F 8
S 9	1 47 51	25° 8'46	17°35	6°57	21°23	11° 8	10°23	6° 1	16°55	2°29	25°39	7°47	8°56	1°57	9°49	S 9
S 10	1 51 48	26° 8'38	0♍40	8° 6	22°36	11°51	10°25	6° 6	16°57	2°29	25°38	7°43	8°53	2° 3	9°47	S 10
M11	1 55 45	27° 8'32	13°30	9°21	23°49	12°34	10°27	6°12	16°58	2°28	25°37	7°37	8°49	2°10	9°45	M11
T 12	1 59 41	28° 8'27	26° 7	10°40	25° 2	13°17	10°28	6°18	16°59	2°28	25°36	7°30	8°46	2°17	9°44	T 12
W13	2 3 38	29° 8'25	8♎33	12° 3	26°16	14° 0	10°30	6°24	17° 0	2°27	25°35	7°22	8°43	2°23	9°42	W13
T 14	2 7 34	0♏ 8'25	20°48	13°28	27°29	14°44	10°31	6°31	17° 2	2°27	25°34	7°16	8°40	2°30	9°40	T 14
F 15	2 11 31	1° 8'27	2♏53	14°56	28°42	15°27	10°32	6°37	17° 3	2°26	25°33	7°10	8°37	2°37	9°39	F 15
S 16	2 15 27	2° 8'31	14°51	16°27	29°56	16°11	10°32	6°43	17° 5	2°26	25°32	7° 6	8°34	2°43	9°38	S 16
S 17	2 19 24	3° 8'37	26°41	17°59	1♎ 9	16°54	10°33	6°49	17° 6	2°25	25°31	7° 4	8°30	2°50	9°36	S 17
M18	2 23 20	4° 8'45	8♐28	19°32	2°23	17°38	10°33	6°55	17° 8	2°24	25°30	7°D 3	8°27	2°57	9°35	M18
T 19	2 27 17	5° 8'54	20°14	21° 7	3°36	18°22	10°R33	7° 2	17° 9	2°23	25°29	7° 4	8°24	3° 3	9°33	T 19
W20	2 31 13	6° 9'05	2♑ 3	22°42	4°50	19° 5	10°33	7° 8	17°11	2°23	25°29	7° 5	8°21	3°10	9°32	W20
T 21	2 35 10	7° 9'18	13°58	24°18	6° 4	19°49	10°33	7°15	17°13	2°22	25°28	7° 7	8°18	3°16	9°31	T 21
F 22	2 39 7	8° 9'32	26° 4	25°55	7°18	20°33	10°32	7°21	17°14	2°21	25°27	7° 9	8°14	3°23	9°30	F 22
S 23	2 43 3	9° 9'47	8♒27	27°32	8°31	21°17	10°31	7°28	17°16	2°20	25°26	7°R 9	8°11	3°30	9°29	S 23
S 24	2 47 0	10°10'04	21°11	29° 9	9°45	22° 1	10°30	7°34	17°18	2°19	25°25	7° 9	8° 8	3°36	9°28	S 24
M25	2 50 56	11°10'23	4♓21	0♏46	10°59	22°46	10°29	7°41	17°20	2°18	25°25	7° 7	8° 5	3°43	9°27	M25
T 26	2 54 53	12°10'43	17°57	2°23	12°13	23°30	10°28	7°47	17°22	2°17	25°24	7° 4	8° 2	3°50	9°26	T 26
W27	2 58 49	13°11'04	2♈ 3	4° 1	13°27	24°14	10°26	7°54	17°24	2°16	25°23	7° 1	7°59	3°56	9°25	W27
T 28	3 2 46	14°11'27	16°34	5°38	14°41	24°58	10°25	8° 0	17°26	2°15	25°22	6°58	7°55	4° 3	9°24	T 28
F 29	3 6 42	15°11'52	1♉28	7°15	15°56	25°43	10°23	8° 7	17°28	2°14	25°22	6°55	7°52	4°10	9°23	F 29
S 30	3 10 39	16°12'18	16°35	8°52	17°10	26°27	10°21	8°14	17°30	2°13	25°21	6°53	7°49	4°16	9°23	S 30
S 31	3 14 36	17♏12'45	1♊46	10♏28	18♎24	27♑12	10♋18	8♐21	17♑32	2♋12	25♓20	6°D52	7♊46	4♐23	9♓22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	6s46	5n46	3s36	0s13	0n44	8n14	1n 8	25s33	2s10	22n57	0s10	19s43	1n32	22s54	0s28	22n23	1s 5	16s56	16s41	21n41	21n54	19s41	3s 7	5n 4	F 1
S 2	7 9	11 54	2 32	0n 0	0 59	7 49	1 11	25 30	2 9	22 56	0 10	19 44	1 32	22 54	0 28	22 23	1 5	16 56	16 41	21 40	21 54	19 44	3 8	5 4	S 2
S 3	7 31	17 21	1 18	0 8	1 12	7 23	1 13	25 27	2 8	22 56	0 10	19 45	1 32	22 54	0 28	22 23	1 5	16 57	16 40	21 40	21 53	19 46	3 9	5 4	S 3
M 4	7 54	21 42	0n 1	0 9	1 24	6 57	1 15	25 24	2 7	22 56	0 10	19 47	1 31	22 54	0 28	22 23	1 5	16 57	16 40	21 40	21 53	19 48	3 10	5 3	M 4
T 5	8 16	24 35	1 19	0 6	1 34	6 31	1 17	25 20	2 7	22 56	0 10	19 48	1 31	22 54	0 28	22 23	1 5	16 57	16 40	21 40	21 52	19 50	3 11	5 3	T 5
W 6	8 39	25 49	2 30	0s 3	1 43	6 4	1 19	25 17	2 6	22 56	0 10	19 49	1 31	22 54	0 28	22 23	1 5	16 57	16 40	21 40	21 52	19 53	3 12	5 3	W 6
T 7	9 1	25 23	3 31	0 16	1 50	5 37	1 21	25 13	2 5	22 56	0 10	19 50	1 31	22 54	0 28	22 23	1 5	16 58	16 40	21 40	21 51	19 55	3 13	5 3	T 7
F 8	9 23	23 25	4 18	0 34	1 56	5 10	1 23	25 9	2 4	22 56	0 10	19 51	1 31	22 54	0 28	22 23	1 5	16 58	16 40	21 40	21 51	19 57	3 14	5 2	F 8
S 9	9 45	20 13	4 51	0 55	2 0	4 43	1 25	25 4	2 3	22 56	0 10	19 52	1 31	22 53	0 28	22 23	1 5	16 58	16 40	21 40	21 50	19 59	3 15	5 2	S 9
S 10	10 7	16 3	5 7	1 20	2 4	4 16	1 27	25 0	2 2	22 56	0 10	19 54	1 30	22 53	0 28	22 23	1 5	16 58	16 39	21 39	21 50	20 1	3 16	5 2	S 10
M11	10 29	11 14	5 8	1 47	2 6	3 48	1 28	24 55	2 2	22 56	0 9	19 55	1 30	22 53	0 28	22 23	1 5	16 59	16 39	21 38	21 49	20 3	3 16	5 1	M11
T 12	10 50	6 2	4 54	2 17	2 7	3 21	1 30	24 50	2 1	22 56	0 9	19 56	1 30	22 53	0 28	22 23	1 5	16 59	16 39	21 37	21 49	20 6	3 17	5 1	T 12
W13	11 12	0 40	4 26	2 50	2 7	2 53	1 31	24 45	2 0	22 56	0 9	19 57	1 30	22 53	0 28	22 23	1 5	16 59	16 39	21 36	21 48	20 8	3 18	5 1	W13
T 14	11 33	4s39	3 46	3 24	2 6	2 25	1 33	24 39	1 59	22 56	0 9	19 58	1 30	22 52	0 28	22 23	1 5	16 59	16 39	21 34	21 48	20 10	3 19	5 1	T 14
F 15	11 54	9 45	2 56	3 59	2 4	1 57	1 34	24 33	1 58	22 56	0 9	19 59	1 30	22 52	0 28	22 23	1 5	17 0	16 38	21 33	21 47	20 12	3 20	5 0	F 15
S 16	12 15	14 26	1 58	4 36	2 2	1 29	1 35	24 27	1 57	22 56	0 9	20 1	1 30	22 52	0 28	22 23	1 5	17 0	16 38	21 33	21 47	20 14	3 21	5 0	S 16
S 17	12 35	18 33	0 56	5 14	1 59	1 1	1 36	24 21	1 56	22 56	0 9	20 2	1 30	22 52	0 28	22 23	1 5	17 0	16 38	21 32	21 46	20 16	3 22	5 0	S 17
M18	12 56	21 54	0s 8	5 53	1 55	0 32	1 37	24 14	1 56	22 56	0 9	20 3	1 29	22 52	0 28	22 23	1 5	17 0	16 38	21 32	21 46	20 19	3 22	4 59	M18
T 19	13 16	24 20	1 12	6 32	1 51	0 4	1 38	24 8	1 55	22 56	0 9	20 4	1 29	22 51	0 28	22 23	1 5	17 0	16 37	21 32	21 45	20 21	3 23	4 59	T 19
W20	13 36	25 42	2 13	7 12	1 47	0s25	1 39	24 1	1 54	22 56	0 9	20 5	1 29	22 51	0 28	22 23	1 6	17 0	16 37	21 33	21 45	20 23	3 24	4 59	W20
T 21	13 56	25 54	3 9	7 52	1 42	0 53	1 40	23 53	1 53	22 56	0 8	20 6	1 29	22 51	0 28	22 23	1 6	17 0	16 37	21 33	21 44	20 25	3 25	4 58	T 21
F 22	14 16	24 52	3 58	8 32	1 37	1 22	1 41	23 46	1 52	22 56	0 8	20 8	1 29	22 51	0 28	22 23	1 6	17 1	16 37	21 33	21 44	20 27	3 25	4 58	F 22
S 23	14 35	22 38	4 36	9 12	1 32	1 50	1 41	23 38	1 51	22 56	0 8	20 9	1 29	22 50	0 28	22 23	1 6	17 1	16 37	21 33	21 43	20 29	3 26	4 58	S 23
S 24	14 54	19 15	5 3	9 52	1 26	2 19	1 42	23 30	1 50	22 57	0 8	20 10	1 29	22 50	0 28	22 23	1 6	17 1	16 36	21 33	21 43	20 31	3 27	4 57	S 24
M25	15 13	14 49	5 14	10 31	1 20	2 47	1 42	23 22	1 49	22 57	0 8	20 11	1 29	22 50	0 28	22 23	1 6	17 1	16 36	21 33	21 42	20 34	3 27	4 57	M25
T 26	15 32	9 31	5 9	11 11	1 14	3 16	1 43	23 14	1 48	22 57	0 8	20 12	1 28	22 50	0 28	22 23	1 6	17 1	16 36	21 33	21 42	20 36	3 28	4 57	T 26
W27	15 50	3 33	4 45	11 50	1 7	3 44	1 43	23 5	1 47	22 57	0 8	20 13	1 28	22 49	0 28	22 23	1 6	17 1	16 36	21 32	21 41	20 38	3 29	4 56	W27
T 28	16 8	2n47	4 3	12 28	1 1	4 13	1 43	22 56	1 47	22 58	0 8	20 15	1 28	22 49	0 28	22 23	1 6	17 1	16 35	21 31	21 41	20 40	3 29	4 56	T 28
F 29	16 26	9 9	3 3	13 6	0 54	4 41	1 44	22 47	1 46	22 58	0 8	20 16	1 28	22 49	0 28	22 23	1 6	17 1	16 35	21 31	21 40	20 42	3 30	4 56	F 29
S 30	16 43	15 5	1 50	13 44	0 48	5 10	1 44	22 37	1 45	22 58	0 7	20 17	1 28	22 49	0 28	22 23	1 6	17 1	16 35	21 31	21 40	20 44	3 30	4 55	S 30
S 31	17s 1	20n 6	0s28	14s21	0n41	5s38	1n44	22s28	1s44	22n58	0s 7	20s18	1n28	22s48	0s28	22n23	1s 6	17s 1	16s34	21n30	21n39	20s46	3s31	4n55	S 31

Julian Day Number = 2296234.5, Delta T = 129.53 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'22, Lahiri = 17°55'22 Julian Calendar 1 Oct. 1574 == Greg. Calendar 11 Oct. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

NOVEMBER 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 18 32	18♏13'15	16♊52	12♏ 5	19♎38	27♑56	10°R16	8♐27	17♑34	2°R11	25°R20	6♊52	7♊43	4♐30	9°R21	M 1
T 2	3 22 29	19°13'46	1♋45	13°41	20°53	28°41	10♋13	8°34	17°36	2♋10	25♓19	6°53	7°40	4°36	9♓21	T 2
W 3	3 26 25	20°14'19	16°18	15°17	22° 7	29°25	10°10	8°41	17°39	2° 9	25°18	6°54	7°36	4°43	9°20	W 3
T 4	3 30 22	21°14'54	0♌27	16°53	23°21	0♒10	10° 7	8°48	17°41	2° 8	25°18	6°55	7°33	4°50	9°20	T 4
F 5	3 34 18	22°15'30	14°12	18°29	24°36	0°55	10° 4	8°55	17°43	2° 7	25°17	6°56	7°30	4°56	9°20	F 5
S 6	3 38 15	23°16'08	27°32	20° 4	25°50	1°39	10° 0	9° 1	17°46	2° 5	25°17	6°R56	7°27	5° 3	9°19	S 6
S 7	3 42 12	24°16'48	10♍31	21°39	27° 5	2°24	9°57	9° 8	17°48	2° 4	25°16	6°56	7°24	5° 9	9°19	S 7
M 8	3 46 8	25°17'30	23°12	23°14	28°19	3° 9	9°53	9°15	17°50	2° 3	25°16	6°54	7°20	5°16	9°19	M 8
T 9	3 50 5	26°18'13	5♎36	24°49	29°34	3°54	9°49	9°22	17°53	2° 2	25°15	6°53	7°17	5°23	9°19	T 9
W10	3 54 1	27°18'58	17°48	26°24	0♏49	4°39	9°45	9°29	17°55	2° 0	25°15	6°51	7°14	5°29	9°D19	W10
T 11	3 57 58	28°19'44	29°50	27°59	2° 3	5°24	9°40	9°36	17°58	1°59	25°14	6°50	7°11	5°36	9°19	T 11
F 12	4 1 54	29°20'32	11♏45	29°33	3°18	6° 9	9°36	9°43	18° 1	1°58	25°14	6°49	7° 8	5°43	9°19	F 12
S 13	4 5 51	0♐21'21	23°36	1♐ 8	4°33	6°54	9°31	9°50	18° 3	1°56	25°13	6°49	7° 5	5°49	9°19	S 13
S 14	4 9 47	1°22'11	5♐23	2°42	5°48	7°39	9°26	9°57	18° 6	1°55	25°13	6°D48	7° 1	5°56	9°19	S 14
M15	4 13 44	2°23'03	17°10	4°16	7° 3	8°24	9°21	10° 4	18° 9	1°53	25°13	6°48	6°58	6° 3	9°19	M15
T 16	4 17 41	3°23'55	28°59	5°50	8°17	9° 9	9°16	10°11	18°11	1°52	25°12	6°49	6°55	6° 9	9°20	T 16
W17	4 21 37	4°24'49	10♑52	7°24	9°32	9°54	9°10	10°18	18°14	1°50	25°12	6°49	6°52	6°16	9°20	W17
T 18	4 25 34	5°25'44	22°51	8°58	10°47	10°39	9° 5	10°25	18°17	1°49	25°12	6°49	6°49	6°23	9°21	T 18
F 19	4 29 30	6°26'40	5♒ 1	10°32	12° 2	11°24	8°59	10°32	18°20	1°47	25°11	6°R49	6°46	6°29	9°21	F 19
S 20	4 33 27	7°27'36	17°25	12° 6	13°17	12° 9	8°53	10°39	18°23	1°46	25°11	6°49	6°42	6°36	9°22	S 20
S 21	4 37 23	8°28'33	0♓ 6	13°40	14°32	12°55	8°47	10°46	18°25	1°44	25°11	6°49	6°39	6°42	9°22	S 21
M22	4 41 20	9°29'31	13° 8	15°14	15°47	13°40	8°41	10°54	18°28	1°43	25°11	6°D49	6°36	6°49	9°23	M22
T 23	4 45 16	10°30'30	26°34	16°48	17° 2	14°25	8°35	11° 1	18°31	1°41	25°11	6°49	6°33	6°56	9°24	T 23
W24	4 49 13	11°31'29	10♈26	18°22	18°17	15°10	8°28	11° 8	18°34	1°40	25°10	6°50	6°30	7° 2	9°24	W24
T 25	4 53 10	12°32'28	24°44	19°56	19°32	15°56	8°21	11°15	18°37	1°38	25°10	6°50	6°26	7° 9	9°25	T 25
F 26	4 57 6	13°33'28	9♉26	21°31	20°47	16°41	8°15	11°22	18°40	1°37	25°10	6°51	6°23	7°16	9°26	F 26
S 27	5 1 3	14°34'29	24°27	23° 5	22° 2	17°26	8° 8	11°29	18°43	1°35	25°10	6°51	6°20	7°22	9°27	S 27
S 28	5 4 59	15°35'31	9♊39	24°39	23°17	18°12	8° 1	11°36	18°47	1°33	25°10	6°R51	6°17	7°29	9°28	S 28
M29	5 8 56	16°36'34	24°53	26°13	24°32	18°57	7°54	11°43	18°50	1°32	25°10	6°51	6°14	7°36	9°29	M29
T 30	5 12 52	17♐37'37	9♋58	27♐47	25♏47	19♒42	7♋47	11♐50	18♑53	1♋30	25°D10	6♊50	6♊11	7♐42	9♓30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s18	23n46	0n55	14s57	0n34	6s 6	1n43	22s18	1s43	22n59	0s 7	20s19	1n28	22s48	0s28	22n23	1s 6	17s 1	16s34	21n30	21n39	20s48	3s31	4n55
T 2	17 34	25 43	2 14	15 33	0 28	6 34	1 43	22 8	1 42	22 59	0 7	20 20	1 28	22 48	0 28	22 23	1 6	17 1	16 34	21 31	21 38	20 50	3 32	4 54
W 3	17 51	25 50	3 21	16 8	0 21	7 2	1 43	21 58	1 41	22 59	0 7	20 22	1 28	22 47	0 28	22 23	1 6	17 1	16 34	21 31	21 38	20 52	3 32	4 54
T 4	18 7	24 15	4 15	16 42	0 14	7 30	1 43	21 47	1 40	23 0	0 7	20 23	1 27	22 47	0 28	22 23	1 6	17 1	16 33	21 31	21 37	20 55	3 33	4 54
F 5	18 23	21 16	4 53	17 15	0 7	7 58	1 42	21 37	1 39	23 0	0 7	20 24	1 27	22 47	0 28	22 23	1 6	17 1	16 33	21 31	21 37	20 57	3 33	4 53
S 6	18 38	17 15	5 13	17 48	0 0	8 25	1 42	21 26	1 38	23 0	0 7	20 25	1 27	22 46	0 28	22 23	1 6	17 1	16 33	21 31	21 36	20 59	3 34	4 53
S 7	18 53	12 31	5 16	18 19	0s 6	8 53	1 41	21 15	1 37	23 1	0 7	20 26	1 27	22 46	0 28	22 23	1 6	17 1	16 32	21 31	21 36	21 1	3 34	4 53
M 8	19 8	7 22	5 4	18 50	0 13	9 20	1 41	21 3	1 36	23 1	0 6	20 27	1 27	22 46	0 28	22 23	1 6	17 1	16 32	21 31	21 35	21 3	3 35	4 52
T 9	19 22	2 2	4 38	19 20	0 20	9 47	1 40	20 52	1 35	23 2	0 6	20 28	1 27	22 45	0 28	22 23	1 6	17 1	16 32	21 31	21 35	21 5	3 35	4 52
W10	19 36	3s18	4 0	19 49	0 26	10 14	1 39	20 40	1 34	23 2	0 6	20 30	1 27	22 45	0 28	22 23	1 6	17 1	16 31	21 30	21 34	21 7	3 35	4 52
T 11	19 50	8 27	3 11	20 17	0 32	10 41	1 38	20 28	1 33	23 3	0 6	20 31	1 27	22 45	0 28	22 23	1 6	17 0	16 31	21 30	21 34	21 9	3 36	4 51
F 12	20 3	13 16	2 15	20 44	0 39	11 7	1 38	20 16	1 32	23 3	0 6	20 32	1 27	22 44	0 28	22 23	1 6	17 0	16 31	21 30	21 33	21 11	3 36	4 51
S 13	20 16	17 32	1 13	21 10	0 45	11 33	1 37	20 4	1 31	23 3	0 6	20 33	1 27	22 44	0 28	22 23	1 6	17 0	16 30	21 30	21 33	21 13	3 36	4 51
S 14	20 29	21 7	0 8	21 35	0 51	11 59	1 35	19 51	1 30	23 4	0 6	20 34	1 27	22 44	0 28	22 23	1 6	17 0	16 30	21 30	21 32	21 15	3 36	4 50
M15	20 41	23 50	0s57	21 59	0 57	12 25	1 34	19 39	1 29	23 4	0 6	20 35	1 27	22 43	0 28	22 23	1 6	17 0	16 30	21 30	21 31	21 17	3 37	4 50
T 16	20 53	25 30	2 0	22 22	1 3	12 50	1 33	19 26	1 28	23 5	0 5	20 36	1 27	22 43	0 28	22 23	1 6	17 0	16 29	21 30	21 31	21 19	3 37	4 50
W17	21 4	26 1	2 58	22 44	1 9	13 15	1 32	19 13	1 27	23 5	0 5	20 37	1 26	22 43	0 28	22 23	1 6	17 0	16 29	21 30	21 30	21 21	3 37	4 49
T 18	21 16	25 19	3 49	23 4	1 14	13 40	1 31	18 59	1 26	23 6	0 5	20 38	1 26	22 42	0 28	22 23	1 6	16 59	16 29	21 30	21 30	21 23	3 37	4 49
F 19	21 26	23 26	4 31	23 24	1 20	14 4	1 29	18 46	1 25	23 6	0 5	20 39	1 26	22 42	0 28	22 23	1 6	16 59	16 28	21 30	21 29	21 25	3 37	4 49
S 20	21 36	20 24	5 0	23 42	1 25	14 28	1 28	18 32	1 24	23 7	0 5	20 40	1 26	22 41	0 28	22 23	1 6	16 59	16 28	21 30	21 29	21 27	3 37	4 48
S 21	21 46	16 23	5 16	23 59	1 30	14 52	1 26	18 19	1 23	23 7	0 5	20 41	1 26	22 41	0 28	22 23	1 6	16 59	16 28	21 30	21 28	21 29	3 38	4 48
M22	21 56	11 30	5 16	24 15	1 35	15 15	1 25	18 5	1 22	23 8	0 5	20 43	1 26	22 41	0 28	22 23	1 6	16 58	16 27	21 30	21 28	21 31	3 38	4 48
T 23	22 5	5 57	4 59	24 29	1 39	15 38	1 23	17 50	1 21	23 9	0 4	20 44	1 26	22 40	0 28	22 23	1 6	16 58	16 27	21 30	21 27	21 33	3 38	4 47
W24	22 13	0n 4	4 25	24 43	1 44	16 0	1 22	17 36	1 20	23 9	0 4	20 45	1 26	22 40	0 28	22 23	1 6	16 58	16 27	21 30	21 27	21 35	3 38	4 47
T 25	22 21	6 17	3 34	24 54	1 48	16 22	1 20	17 22	1 19	23 10	0 4	20 46	1 26	22 39	0 28	22 23	1 6	16 58	16 26	21 30	21 26	21 37	3 38	4 47
F 26	22 29	12 21	2 27	25 5	1 52	16 44	1 18	17 7	1 18	23 10	0 4	20 47	1 26	22 39	0 28	22 23	1 6	16 57	16 26	21 30	21 26	21 39	3 38	4 46
S 27	22 36	17 49	1 8	25 14	1 56	17 5	1 16	16 52	1 17	23 11	0 4	20 48	1 26	22 38	0 28	22 23	1 6	16 57	16 26	21 30	21 25	21 41	3 38	4 46
S 28	22 43	22 12	0n15	25 22	1 59	17 26	1 14	16 37	1 16	23 11	0 4	20 49	1 26	22 38	0 28	22 23	1 6	16 57	16 25	21 30	21 24	21 43	3 38	4 46
M29	22 49	25 2	1 38	25 28	2 2	17 46	1 13	16 22	1 15	23 12	0 4	20 50	1 26	22 38	0 28	22 23	1 6	16 57	16 25	21 30	21 24	21 45	3 38	4 45
T 30	22s55	26n 0	2n54	25s33	2s 5	18s 6	1n11	16s 7	1s14	23n12	0s 4	20s51	1n26	22s37	0s28	22n23	1s 6	16s56	16s25	21n30	21n23	21s47	3s37	4n45

Julian Day Number = 2296265.5, Delta T = 129.38 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'26, Lahiri = 17°55'26 Julian Calendar 1 Nov. 1574 == Greg. Calendar 11 Nov. 1574

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ASTRODIENST EPHEMERIS for the year 1574
geocentric

DECEMBER 1574 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 16 49	18♐38'41	24♋47	29♐22	27♏ 2	20♒28	7°R40	11♐57	18♑56	1°R29	25♓10	6°R49	6♊ 7	7♐49	9♓31	W 1
T 2	5 20 45	19°39'46	9♌13	0♑56	28°17	21°13	7♋32	12° 4	18°59	1♋27	25°10	6♊47	6° 4	7°56	9°33	T 2
F 3	5 24 42	20°40'51	23°11	2°30	29°32	21°58	7°25	12°11	19° 2	1°25	25°10	6°46	6° 1	8° 2	9°34	F 3
S 4	5 28 39	21°41'58	6♍41	4° 4	0♐48	22°44	7°17	12°18	19° 6	1°24	25°10	6°44	5°58	8° 9	9°35	S 4
S 5	5 32 35	22°43'05	19°44	5°38	2° 3	23°29	7°10	12°25	19° 9	1°22	25°10	6°D44	5°55	8°16	9°37	S 5
M 6	5 36 32	23°44'13	2♎24	7°12	3°18	24°14	7° 2	12°32	19°12	1°20	25°10	6°44	5°52	8°22	9°38	M 6
T 7	5 40 28	24°45'21	14°44	8°45	4°33	25° 0	6°54	12°39	19°15	1°19	25°11	6°45	5°48	8°29	9°40	T 7
W 8	5 44 25	25°46'30	26°50	10°18	5°48	25°45	6°46	12°46	19°19	1°17	25°11	6°46	5°45	8°35	9°41	W 8
T 9	5 48 21	26°47'40	8♏45	11°50	7° 4	26°31	6°38	12°53	19°22	1°15	25°11	6°48	5°42	8°42	9°43	T 9
F 10	5 52 18	27°48'51	20°34	13°22	8°19	27°16	6°30	13° 0	19°25	1°13	25°11	6°50	5°39	8°49	9°44	F 10
S 11	5 56 14	28°50'02	2♐21	14°53	9°34	28° 1	6°22	13° 7	19°29	1°12	25°11	6°R51	5°36	8°55	9°46	S 11
S 12	6 0 11	29°51'13	14° 8	16°23	10°49	28°47	6°14	13°14	19°32	1°10	25°12	6°50	5°32	9° 2	9°48	S 12
M13	6 4 8	0♑52'25	25°58	17°52	12° 5	29°32	6° 6	13°21	19°36	1° 8	25°12	6°49	5°29	9° 9	9°50	M13
T 14	6 8 4	1°53'37	7♑53	19°20	13°20	0♓18	5°58	13°27	19°39	1° 7	25°12	6°46	5°26	9°15	9°52	T 14
W15	6 12 1	2°54'49	19°55	20°45	14°35	1° 3	5°50	13°34	19°42	1° 5	25°13	6°42	5°23	9°22	9°54	W15
T 16	6 15 57	3°56'01	2♒ 6	22° 8	15°50	1°48	5°42	13°41	19°46	1° 3	25°13	6°38	5°20	9°29	9°56	T 16
F 17	6 19 54	4°57'12	14°27	23°29	17° 6	2°34	5°34	13°48	19°49	1° 2	25°14	6°32	5°17	9°35	9°58	F 17
S 18	6 23 50	5°58'24	27° 0	24°47	18°21	3°19	5°26	13°55	19°53	1° 0	25°14	6°28	5°13	9°42	10° 0	S 18
S 19	6 27 47	6°59'36	9♓47	26° 1	19°36	4° 4	5°18	14° 1	19°56	0°58	25°14	6°24	5°10	9°49	10° 2	S 19
M20	6 31 44	8° 0'47	22°49	27°12	20°52	4°50	5°10	14° 8	20° 0	0°56	25°15	6°21	5° 7	9°55	10° 4	M20
T 21	6 35 40	9° 1'57	6♈ 9	28°17	22° 7	5°35	5° 1	14°15	20° 3	0°55	25°15	6°D20	5° 4	10° 2	10° 6	T 21
W22	6 39 37	10° 3'07	19°49	29°16	23°22	6°20	4°53	14°21	20° 7	0°53	25°16	6°20	5° 1	10° 9	10° 9	W22
T 23	6 43 33	11° 4'17	3♉50	0♒10	24°37	7° 6	4°45	14°28	20°10	0°51	25°16	6°22	4°57	10°15	10°11	T 23
F 24	6 47 30	12° 5'27	18°12	0°55	25°53	7°51	4°37	14°34	20°14	0°50	25°17	6°23	4°54	10°22	10°13	F 24
S 25	6 51 26	13° 6'35	2♊52	1°33	27° 8	8°36	4°29	14°41	20°17	0°48	25°18	6°R24	4°51	10°28	10°16	S 25
S 26	6 55 23	14° 7'44	17°46	2° 2	28°23	9°21	4°21	14°47	20°21	0°46	25°18	6°24	4°48	10°35	10°18	S 26
M27	6 59 19	15° 8'52	2♋48	2°20	29°38	10° 7	4°14	14°54	20°24	0°45	25°19	6°21	4°45	10°42	10°21	M27
T 28	7 3 16	16°10'00	17°48	2°R28	0♑54	10°52	4° 6	15° 0	20°28	0°43	25°19	6°17	4°42	10°48	10°23	T 28
W29	7 7 13	17°11'07	2♌38	2°25	2° 9	11°37	3°58	15° 7	20°31	0°42	25°20	6°11	4°38	10°55	10°26	W29
T 30	7 11 9	18°12'13	17°10	2°10	3°24	12°22	3°50	15°13	20°35	0°40	25°21	6° 4	4°35	11° 2	10°28	T 30
F 31	7 15 6	19♑13'20	1♍16	1♒43	4♑40	13♓ 7	3♋43	15♐19	20♑38	0♋38	25♓21	5♊57	4♊32	11♐ 8	10♓31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 1	25n 5	3n56	25s37	2s 7	18s26	1n 9	15s52	1s13	23n13	0s 3	20s52	1n26	22s37	0s28	22n23	1s 6	16s56	16s24	21n30	21n23	21s49	3s37	4n45
T 2	23 5	22 30	4 41	25 39	2 9	18 45	1 7	15 36	1 12	23 14	0 3	20 53	1 26	22 36	0 28	22 23	1 6	16 56	16 24	21 30	21 22	21 51	3 37	4 44
F 3	23 10	18 40	5 8	25 39	2 11	19 3	1 5	15 21	1 11	23 14	0 3	20 54	1 26	22 36	0 28	22 23	1 6	16 55	16 24	21 29	21 22	21 53	3 37	4 44
S 4	23 14	13 59	5 17	25 38	2 12	19 21	1 2	15 5	1 10	23 15	0 3	20 54	1 26	22 35	0 28	22 23	1 6	16 55	16 23	21 29	21 21	21 55	3 37	4 44
S 5	23 18	8 48	5 9	25 35	2 13	19 38	1 0	14 49	1 9	23 15	0 3	20 55	1 26	22 35	0 28	22 23	1 6	16 54	16 23	21 29	21 21	21 57	3 37	4 43
M 6	23 21	3 25	4 46	25 31	2 13	19 55	0 58	14 33	1 8	23 16	0 3	20 56	1 26	22 34	0 28	22 23	1 6	16 54	16 22	21 29	21 20	21 59	3 36	4 43
T 7	23 23	1s59	4 10	25 25	2 13	20 11	0 56	14 17	1 7	23 16	0 3	20 57	1 25	22 34	0 28	22 23	1 6	16 54	16 22	21 29	21 19	22 0	3 36	4 43
W 8	23 26	7 12	3 24	25 18	2 12	20 27	0 54	14 0	1 6	23 17	0 2	20 58	1 25	22 33	0 28	22 23	1 6	16 53	16 22	21 30	21 19	22 2	3 36	4 42
T 9	23 27	12 6	2 29	25 9	2 11	20 42	0 51	13 44	1 5	23 17	0 2	20 59	1 25	22 33	0 28	22 23	1 6	16 53	16 21	21 30	21 18	22 4	3 35	4 42
F 10	23 29	16 31	1 29	24 58	2 10	20 56	0 49	13 27	1 4	23 18	0 2	21 0	1 25	22 32	0 28	22 23	1 6	16 52	16 21	21 30	21 18	22 6	3 35	4 42
S 11	23 29	20 16	0 25	24 46	2 7	21 10	0 47	13 11	1 3	23 19	0 2	21 1	1 25	22 32	0 28	22 23	1 6	16 52	16 21	21 30	21 17	22 8	3 35	4 41
S 12	23 30	23 13	0s40	24 33	2 4	21 23	0 44	12 54	1 2	23 19	0 2	21 2	1 25	22 31	0 28	22 23	1 6	16 52	16 20	21 30	21 17	22 10	3 34	4 41
M13	23 30	25 9	1 43	24 18	2 1	21 36	0 42	12 37	1 1	23 20	0 2	21 3	1 25	22 31	0 28	22 23	1 6	16 51	16 20	21 30	21 16	22 12	3 34	4 41
T 14	23 29	25 58	2 43	24 1	1 56	21 48	0 40	12 20	1 0	23 20	0 2	21 3	1 25	22 30	0 28	22 24	1 6	16 51	16 20	21 29	21 16	22 14	3 34	4 40
W15	23 28	25 34	3 35	23 43	1 51	21 59	0 37	12 3	0 59	23 21	0 1	21 4	1 25	22 30	0 28	22 24	1 6	16 50	16 19	21 29	21 15	22 16	3 33	4 40
T 16	23 26	23 56	4 18	23 24	1 45	22 10	0 35	11 46	0 58	23 21	0 1	21 5	1 25	22 29	0 28	22 24	1 6	16 50	16 19	21 28	21 14	22 18	3 33	4 40
F 17	23 24	21 9	4 50	23 4	1 38	22 20	0 32	11 29	0 57	23 22	0 1	21 6	1 25	22 29	0 28	22 24	1 6	16 49	16 19	21 27	21 14	22 19	3 32	4 40
S 18	23 22	17 22	5 9	22 42	1 30	22 29	0 30	11 11	0 56	23 22	0 1	21 7	1 25	22 28	0 28	22 24	1 6	16 49	16 18	21 26	21 13	22 21	3 32	4 39
S 19	23 19	12 44	5 12	22 20	1 22	22 38	0 27	10 54	0 56	23 23	0 1	21 8	1 25	22 28	0 28	22 24	1 6	16 48	16 18	21 26	21 13	22 23	3 31	4 39
M20	23 15	7 27	5 0	21 57	1 12	22 46	0 25	10 37	0 55	23 23	0 1	21 8	1 25	22 27	0 28	22 24	1 6	16 48	16 18	21 25	21 12	22 25	3 31	4 39
T 21	23 11	1 43	4 32	21 33	1 1	22 53	0 22	10 19	0 54	23 23	0 1	21 9	1 25	22 27	0 28	22 24	1 6	16 47	16 17	21 25	21 12	22 27	3 30	4 38
W22	23 7	4n16	3 47	21 9	0 49	23 0	0 20	10 1	0 53	23 24	0 0	21 10	1 25	22 26	0 28	22 24	1 6	16 47	16 17	21 25	21 11	22 29	3 29	4 38
T 23	23 2	10 11	2 49	20 45	0 36	23 6	0 17	9 44	0 52	23 24	0 0	21 11	1 25	22 26	0 28	22 24	1 6	16 46	16 17	21 25	21 10	22 31	3 29	4 38
F 24	22 57	15 43	1 38	20 22	0 22	23 11	0 15	9 26	0 51	23 25	0 0	21 11	1 25	22 25	0 28	22 24	1 6	16 46	16 16	21 26	21 10	22 32	3 28	4 37
S 25	22 51	20 28	0 19	19 59	0 7	23 16	0 12	9 8	0 50	23 25	0n 0	21 12	1 25	22 25	0 28	22 24	1 6	16 45	16 16	21 26	21 9	22 34	3 28	4 37
S 26	22 45	23 57	1n 2	19 37	0n 9	23 20	0 10	8 50	0 49	23 26	0 0	21 13	1 25	22 24	0 28	22 24	1 6	16 45	16 16	21 26	21 9	22 36	3 27	4 37
M27	22 38	25 47	2 19	19 16	0 26	23 23	0 7	8 32	0 48	23 26	0 0	21 14	1 25	22 24	0 28	22 24	1 6	16 44	16 15	21 25	21 8	22 38	3 26	4 37
T 28	22 31	25 43	3 26	18 57	0 44	23 25	0 5	8 14	0 47	23 26	0 0	21 14	1 25	22 23	0 28	22 24	1 6	16 44	16 15	21 25	21 8	22 40	3 26	4 36
W29	22 23	23 49	4 19	18 40	1 2	23 27	0 2	7 56	0 46	23 27	0 1	21 15	1 25	22 23	0 28	22 24	1 6	16 43	16 15	21 23	21 7	22 42	3 25	4 36
T 30	22 15	20 23	4 53	18 25	1 21	23 28	0s 1	7 38	0 45	23 27	0 1	21 16	1 25	22 22	0 28	22 24	1 6	16 42	16 14	21 22	21 6	22 43	3 24	4 36
F 31	22s 7	15n51	5n 8	18s12	1n40	23s28	0s 3	7s19	0s44	23n27	0n 1	21s16	1n25	22s22	0s28	22n24	1s 6	16s42	16s14	21n21	21n 6	22s45	3s23	4n36

Julian Day Number = 2296295.5, Delta T = 129.22 sec
Ecliptic obliquity = 23°29'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'30, Lahiri = 17°55'31 Julian Calendar 1 Dec. 1574 == Greg. Calendar 11 Dec. 1574

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

JANUARY 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 19 2	20♑14'26	14♍56	1°R 5	5♑55	13♓52	3°R35	15♐25	20♑42	0°R37	25♓22	5°R51	4♊29	11♐15	10♓34	S 1
S 2	7 22 59	21°15'31	28° 7	0♒16	7°10	14°38	3♋28	15°32	20°46	0♋35	25°23	5♊47	4°26	11°22	10°37	S 2
M 3	7 26 55	22°16'37	10♎52	29♑17	8°25	15°23	3°21	15°38	20°49	0°34	25°24	5°44	4°23	11°28	10°39	M 3
T 4	7 30 52	23°17'42	23°15	28°11	9°41	16° 8	3°13	15°44	20°53	0°32	25°25	5°D43	4°19	11°35	10°42	T 4
W 5	7 34 48	24°18'46	5♏21	26°58	10°56	16°53	3° 6	15°50	20°56	0°31	25°25	5°44	4°16	11°42	10°45	W 5
T 6	7 38 45	25°19'51	17°15	25°42	12°11	17°38	2°59	15°56	21° 0	0°29	25°26	5°45	4°13	11°48	10°48	T 6
F 7	7 42 42	26°20'54	29° 3	24°25	13°27	18°23	2°52	16° 2	21° 3	0°28	25°27	5°46	4°10	11°55	10°51	F 7
S 8	7 46 38	27°21'58	10♐48	23° 9	14°42	19° 8	2°45	16° 8	21° 7	0°26	25°28	5°R46	4° 7	12° 2	10°54	S 8
S 9	7 50 35	28°23'00	22°37	21°56	15°57	19°53	2°39	16°14	21°10	0°25	25°29	5°44	4° 4	12° 8	10°57	S 9
M10	7 54 31	29°24'02	4♑32	20°48	17°12	20°38	2°32	16°19	21°14	0°23	25°30	5°40	4° 0	12°15	11° 0	M10
T 11	7 58 28	0♒25'04	16°36	19°47	18°28	21°22	2°26	16°25	21°17	0°22	25°31	5°34	3°57	12°21	11° 3	T 11
W12	8 2 24	1°26'04	28°51	18°53	19°43	22° 7	2°20	16°31	21°21	0°20	25°32	5°25	3°54	12°28	11° 6	W12
T 13	8 6 21	2°27'03	11♒17	18° 8	20°58	22°52	2°13	16°37	21°24	0°19	25°33	5°14	3°51	12°35	11° 9	T 13
F 14	8 10 17	3°28'02	23°56	17°31	22°13	23°37	2° 7	16°42	21°28	0°18	25°34	5° 3	3°48	12°41	11°13	F 14
S 15	8 14 14	4°28'59	6♓48	17° 3	23°29	24°22	2° 2	16°48	21°31	0°16	25°35	4°52	3°44	12°48	11°16	S 15
S 16	8 18 11	5°29'55	19°51	16°44	24°44	25° 7	1°56	16°53	21°35	0°15	25°36	4°42	3°41	12°55	11°19	S 16
M17	8 22 7	6°30'50	3♈ 5	16°33	25°59	25°51	1°50	16°59	21°38	0°14	25°37	4°35	3°38	13° 1	11°22	M17
T 18	8 26 4	7°31'43	16°32	16°D30	27°14	26°36	1°45	17° 4	21°42	0°12	25°38	4°31	3°35	13° 8	11°26	T 18
W19	8 30 0	8°32'35	0♉11	16°35	28°30	27°21	1°40	17° 9	21°45	0°11	25°39	4°29	3°32	13°15	11°29	W19
T 20	8 33 57	9°33'25	14° 3	16°47	29°45	28° 5	1°35	17°14	21°49	0°10	25°40	4°D29	3°29	13°21	11°32	T 20
F 21	8 37 53	10°34'14	28° 9	17° 5	1♒ 0	28°50	1°30	17°19	21°52	0° 8	25°41	4°R29	3°25	13°28	11°36	F 21
S 22	8 41 50	11°35'02	12♊27	17°29	2°15	29°34	1°25	17°25	21°55	0° 7	25°42	4°29	3°22	13°35	11°39	S 22
S 23	8 45 46	12°35'48	26°56	17°59	3°30	0♈19	1°21	17°30	21°59	0° 6	25°43	4°27	3°19	13°41	11°43	S 23
M24	8 49 43	13°36'32	11♋33	18°34	4°45	1° 3	1°16	17°35	22° 2	0° 5	25°44	4°22	3°16	13°48	11°46	M24
T 25	8 53 40	14°37'15	26°11	19°14	6° 1	1°48	1°12	17°39	22° 5	0° 4	25°46	4°15	3°13	13°55	11°50	T 25
W26	8 57 36	15°37'57	10♌43	19°57	7°16	2°32	1° 8	17°44	22° 9	0° 3	25°47	4° 5	3°10	14° 1	11°53	W26
T 27	9 1 33	16°38'37	25° 4	20°45	8°31	3°17	1° 4	17°49	22°12	0° 2	25°48	3°54	3° 6	14° 8	11°57	T 27
F 28	9 5 29	17°39'15	9♍ 5	21°37	9°46	4° 1	1° 1	17°54	22°15	0° 1	25°49	3°42	3° 3	14°14	12° 0	F 28
S 29	9 9 26	18°39'53	22°44	22°31	11° 1	4°45	0°57	17°58	22°19	29♊59	25°50	3°31	3° 0	14°21	12° 4	S 29
S 30	9 13 22	19°40'28	5♎57	23°29	12°16	5°30	0°54	18° 3	22°22	29°59	25°52	3°22	2°57	14°28	12° 7	S 30
M31	9 17 19	20♒41'03	18♎45	24♑29	13♒31	6♈14	0♋51	18♐ 7	22♑25	29♊58	25♓53	3♊15	2♊54	14♐34	12♓11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s58	10n39	5n 6	18s 3	1n58	23s27	0s 5	7s 1	0s43	23n28	0n 1	21s17	1n25	22s21	0s28	22n24	1s 6	16s41	16s14	21n20	21n 5	22s47	3s23	4n35
S 2	21 49	5 8	4 47	17 56	2 16	23 26	0 8	6 43	0 42	23 28	0 1	21 18	1 25	22 21	0 28	22 24	1 6	16 41	16 13	21 19	21 5	22 49	3 22	4 35
M 3	21 39	0s25	4 14	17 51	2 33	23 24	0 10	6 24	0 41	23 28	0 1	21 18	1 25	22 20	0 28	22 24	1 6	16 40	16 13	21 19	21 4	22 51	3 21	4 35
T 4	21 29	5 49	3 29	17 50	2 48	23 21	0 13	6 6	0 40	23 29	0 1	21 19	1 25	22 20	0 28	22 24	1 6	16 40	16 13	21 19	21 3	22 52	3 20	4 35
W 5	21 18	10 52	2 37	17 50	3 2	23 18	0 15	5 48	0 39	23 29	0 2	21 19	1 25	22 19	0 28	22 24	1 6	16 39	16 12	21 19	21 3	22 54	3 19	4 34
T 6	21 7	15 27	1 38	17 53	3 13	23 14	0 18	5 29	0 38	23 29	0 2	21 20	1 25	22 18	0 28	22 24	1 6	16 38	16 12	21 19	21 2	22 56	3 18	4 34
F 7	20 56	19 24	0 36	17 58	3 22	23 9	0 20	5 11	0 37	23 30	0 2	21 21	1 26	22 18	0 28	22 24	1 5	16 38	16 12	21 19	21 2	22 58	3 17	4 34
S 8	20 44	22 34	0s27	18 5	3 28	23 3	0 23	4 52	0 36	23 30	0 2	21 21	1 26	22 17	0 28	22 24	1 5	16 37	16 11	21 19	21 1	22 59	3 17	4 34
S 9	20 32	24 47	1 29	18 13	3 32	22 57	0 25	4 34	0 35	23 30	0 2	21 22	1 26	22 17	0 28	22 24	1 5	16 36	16 11	21 19	21 1	23 1	3 16	4 33
M10	20 19	25 53	2 28	18 22	3 34	22 50	0 27	4 15	0 34	23 31	0 2	21 22	1 26	22 16	0 28	22 24	1 5	16 36	16 11	21 18	21 0	23 3	3 15	4 33
T 11	20 7	25 47	3 21	18 31	3 33	22 42	0 30	3 57	0 34	23 31	0 2	21 23	1 26	22 16	0 28	22 24	1 5	16 35	16 11	21 17	20 59	23 5	3 14	4 33
W12	19 53	24 26	4 5	18 42	3 30	22 34	0 32	3 38	0 33	23 31	0 3	21 23	1 26	22 15	0 28	22 24	1 5	16 35	16 10	21 15	20 59	23 6	3 13	4 33
T 13	19 40	21 53	4 38	18 52	3 25	22 25	0 34	3 19	0 32	23 31	0 3	21 24	1 26	22 15	0 28	22 24	1 5	16 34	16 10	21 13	20 58	23 8	3 12	4 32
F 14	19 26	18 16	4 59	19 3	3 19	22 15	0 36	3 1	0 31	23 32	0 3	21 24	1 26	22 14	0 28	22 24	1 5	16 33	16 10	21 11	20 58	23 10	3 11	4 32
S 15	19 11	13 44	5 4	19 14	3 11	22 5	0 38	2 42	0 30	23 32	0 3	21 25	1 26	22 14	0 28	22 24	1 5	16 33	16 10	21 9	20 57	23 12	3 10	4 32
S 16	18 56	8 32	4 54	19 25	3 3	21 54	0 41	2 23	0 29	23 32	0 3	21 25	1 26	22 13	0 28	22 24	1 5	16 32	16 9	21 8	20 56	23 13	3 9	4 32
M17	18 41	2 52	4 28	19 36	2 53	21 42	0 43	2 5	0 28	23 32	0 3	21 26	1 26	22 13	0 28	22 25	1 5	16 31	16 9	21 6	20 56	23 15	3 8	4 32
T 18	18 26	3n 2	3 47	19 47	2 43	21 30	0 45	1 46	0 27	23 32	0 3	21 26	1 26	22 12	0 28	22 25	1 5	16 31	16 9	21 6	20 55	23 17	3 7	4 31
W19	18 10	8 53	2 52	19 57	2 32	21 16	0 47	1 28	0 26	23 33	0 3	21 27	1 26	22 12	0 28	22 25	1 5	16 30	16 8	21 5	20 55	23 18	3 6	4 31
T 20	17 54	14 24	1 47	20 6	2 21	21 3	0 49	1 9	0 25	23 33	0 4	21 27	1 26	22 11	0 28	22 25	1 5	16 29	16 8	21 5	20 54	23 20	3 4	4 31
F 21	17 38	19 15	0 34	20 15	2 10	20 48	0 51	0 50	0 25	23 33	0 4	21 28	1 26	22 10	0 28	22 25	1 5	16 29	16 8	21 5	20 53	23 22	3 3	4 31
S 22	17 21	23 2	0n42	20 23	1 59	20 34	0 53	0 32	0 24	23 33	0 4	21 28	1 26	22 10	0 28	22 25	1 5	16 28	16 8	21 5	20 53	23 23	3 2	4 31
S 23	17 4	25 24	1 56	20 31	1 47	20 18	0 54	0 13	0 23	23 33	0 4	21 29	1 26	22 9	0 28	22 25	1 5	16 27	16 8	21 5	20 52	23 25	3 1	4 30
M24	16 47	26 2	3 3	20 37	1 36	20 2	0 56	0n 5	0 22	23 33	0 4	21 29	1 26	22 9	0 28	22 25	1 5	16 27	16 7	21 4	20 51	23 27	3 0	4 30
T 25	16 29	24 52	3 58	20 43	1 24	19 45	0 58	0 24	0 21	23 34	0 4	21 29	1 26	22 8	0 28	22 25	1 5	16 26	16 7	21 3	20 51	23 28	2 59	4 30
W26	16 11	22 2	4 37	20 48	1 13	19 28	1 0	0 42	0 20	23 34	0 4	21 30	1 26	22 8	0 28	22 25	1 5	16 25	16 7	21 1	20 50	23 30	2 58	4 30
T 27	15 53	17 52	4 58	20 52	1 2	19 10	1 2	1 1	0 19	23 34	0 4	21 30	1 26	22 7	0 28	22 25	1 5	16 25	16 7	20 59	20 50	23 32	2 56	4 30
F 28	15 35	12 49	5 0	20 55	0 51	18 52	1 3	1 19	0 18	23 34	0 5	21 30	1 26	22 7	0 28	22 25	1 5	16 24	16 6	20 56	20 49	23 33	2 55	4 30
S 29	15 16	7 15	4 45	20 57	0 41	18 33	1 5	1 38	0 18	23 34	0 5	21 31	1 26	22 6	0 28	22 25	1 5	16 23	16 6	20 54	20 48	23 35	2 54	4 29
S 30	14 57	1 32	4 15	20 57	0 30	18 13	1 6	1 56	0 17	23 34	0 5	21 31	1 27	22 6	0 28	22 25	1 5	16 23	16 6	20 53	20 48	23 37	2 53	4 29
M31	14s38	4s 5	3n32	20s57	0n20	17s53	1s 8	2n14	0s16	23n35	0n 5	21s32	1n27	22s 5	0s28	22n25	1s 5	16s22	16s 6	20n51	20n47	23s38	2s52	4n29

Julian Day Number = 2296326.5, Delta T = 129.07 sec
Ecliptic obliquity = 23°29'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'34, Lahiri = 17°55'35 Julian Calendar 1 Jan. 1575 == Greg. Calendar 11 Jan. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

FEBRUARY 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 21 15	21♒41'36	1♏12	25♉32	14♒47	6♈58	0°R48	18♐12	22♉28	29°R57	25♓54	3°R11	2♊50	14♐41	12♓15	T 1
W 2	9 25 12	22°42'09	13°21	26°38	16° 2	7°42	0♋46	18°16	22°32	29♊56	25°55	3♊10	2°47	14°48	12°18	W 2
T 3	9 29 9	23°42'39	25°17	27°45	17°17	8°26	0°43	18°20	22°35	29°55	25°57	3°D 9	2°44	14°54	12°22	T 3
F 4	9 33 5	24°43'09	7♐ 5	28°55	18°32	9°10	0°41	18°24	22°38	29°54	25°58	3°R 9	2°41	15° 1	12°26	F 4
S 5	9 37 2	25°43'37	18°52	0♒ 6	19°47	9°55	0°39	18°28	22°41	29°53	25°59	3° 9	2°38	15° 8	12°29	S 5
S 6	9 40 58	26°44'04	0♉43	1°20	21° 2	10°39	0°37	18°32	22°44	29°53	26° 1	3° 6	2°35	15°14	12°33	S 6
M 7	9 44 55	27°44'29	12°42	2°35	22°17	11°23	0°35	18°36	22°47	29°52	26° 2	3° 1	2°31	15°21	12°37	M 7
T 8	9 48 51	28°44'53	24°54	3°52	23°32	12° 6	0°34	18°40	22°50	29°51	26° 3	2°52	2°28	15°28	12°41	T 8
W 9	9 52 48	29°45'16	7♒20	5°10	24°47	12°50	0°32	18°44	22°53	29°50	26° 5	2°42	2°25	15°34	12°44	W 9
T 10	9 56 44	0♓45'36	20° 2	6°30	26° 2	13°34	0°31	18°47	22°56	29°50	26° 6	2°29	2°22	15°41	12°48	T 10
F 11	10 0 41	1°45'55	3♓ 1	7°51	27°17	14°18	0°30	18°51	22°59	29°49	26° 8	2°15	2°19	15°48	12°52	F 11
S 12	10 4 38	2°46'12	16°15	9°14	28°32	15° 2	0°30	18°54	23° 2	29°49	26° 9	2° 2	2°15	15°54	12°56	S 12
S 13	10 8 34	3°46'28	29°42	10°38	29°47	15°46	0°29	18°58	23° 5	29°48	26°10	1°50	2°12	16° 1	12°59	S 13
M14	10 12 31	4°46'41	13♈19	12° 3	1♓ 2	16°29	0°29	19° 1	23° 8	29°47	26°12	1°41	2° 9	16° 7	13° 3	M14
T 15	10 16 27	5°46'52	27° 5	13°29	2°17	17°13	0°D29	19° 4	23°11	29°47	26°13	1°34	2° 6	16°14	13° 7	T 15
W16	10 20 24	6°47'02	10♉57	14°57	3°32	17°57	0°29	19° 7	23°14	29°46	26°15	1°31	2° 3	16°21	13°11	W16
T 17	10 24 20	7°47'09	24°55	16°26	4°47	18°40	0°29	19°10	23°16	29°46	26°16	1°30	2° 0	16°27	13°15	T 17
F 18	10 28 17	8°47'14	8♊57	17°56	6° 2	19°24	0°30	19°13	23°19	29°46	26°17	1°30	1°56	16°34	13°18	F 18
S 19	10 32 13	9°47'17	23° 4	19°27	7°17	20° 7	0°30	19°16	23°22	29°45	26°19	1°30	1°53	16°41	13°22	S 19
S 20	10 36 10	10°47'18	7♋14	20°59	8°32	20°51	0°31	19°19	23°24	29°45	26°20	1°28	1°50	16°47	13°26	S 20
M21	10 40 7	11°47'16	21°26	22°33	9°46	21°34	0°32	19°22	23°27	29°45	26°22	1°23	1°47	16°54	13°30	M21
T 22	10 44 3	12°47'12	5♌37	24° 8	11° 1	22°18	0°34	19°24	23°30	29°44	26°23	1°16	1°44	17° 1	13°34	T 22
W23	10 48 0	13°47'06	19°42	25°43	12°16	23° 1	0°35	19°27	23°32	29°44	26°25	1° 6	1°41	17° 7	13°38	W23
T 24	10 51 56	14°46'58	3♍38	27°20	13°31	23°44	0°37	19°29	23°35	29°44	26°26	0°54	1°37	17°14	13°41	T 24
F 25	10 55 53	15°46'48	17°20	28°59	14°46	24°27	0°39	19°31	23°37	29°44	26°28	0°42	1°34	17°21	13°45	F 25
S 26	10 59 49	16°46'36	0♎44	0♓38	16° 0	25°11	0°41	19°34	23°40	29°44	26°29	0°30	1°31	17°27	13°49	S 26
S 27	11 3 46	17°46'22	13°48	2°18	17°15	25°54	0°43	19°36	23°42	29°43	26°31	0°20	1°28	17°34	13°53	S 27
M28	11 7 42	18♓46'06	26♎32	4♓ 0	18♓30	26♈37	0♋45	19♐38	23♉45	29♊43	26♓32	0♊13	1♊25	17♐41	13♓57	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s18	9s24	2n41	20s55	0n10	17s33	1s 9	2n33	0s15	23n35	0n 5	21s32	1n27	22s 5	0s28	22n25	1s 5	16s21	16s 6	20n51	20n47	23s40	2s50	4n29
W 2	13 59	14 15	1 43	20 52	0 0	17 12	1 11	2 51	0 14	23 35	0 5	21 32	1 27	22 4	0 28	22 25	1 5	16 21	16 5	20 50	20 46	23 42	2 49	4 29
T 3	13 39	18 27	0 42	20 48	0s 9	16 50	1 12	3 9	0 13	23 35	0 5	21 32	1 27	22 4	0 28	22 25	1 5	16 20	16 5	20 50	20 45	23 43	2 48	4 29
F 4	13 19	21 53	0s21	20 43	0 18	16 28	1 13	3 27	0 13	23 35	0 5	21 33	1 27	22 3	0 28	22 25	1 5	16 19	16 5	20 50	20 45	23 45	2 47	4 29
S 5	12 58	24 24	1 22	20 37	0 27	16 6	1 14	3 45	0 12	23 35	0 6	21 33	1 27	22 3	0 28	22 25	1 4	16 19	16 5	20 50	20 44	23 46	2 45	4 28
S 6	12 38	25 50	2 20	20 29	0 35	15 43	1 16	4 3	0 11	23 35	0 6	21 33	1 27	22 2	0 28	22 25	1 4	16 18	16 5	20 50	20 43	23 48	2 44	4 28
M 7	12 17	26 5	3 13	20 20	0 44	15 19	1 17	4 21	0 10	23 35	0 6	21 34	1 27	22 2	0 28	22 25	1 4	16 17	16 5	20 49	20 43	23 50	2 43	4 28
T 8	11 56	25 6	3 57	20 10	0 51	14 56	1 18	4 39	0 9	23 36	0 6	21 34	1 27	22 1	0 28	22 25	1 4	16 17	16 4	20 47	20 42	23 51	2 41	4 28
W 9	11 35	22 51	4 32	19 58	0 59	14 32	1 19	4 57	0 8	23 36	0 6	21 34	1 27	22 1	0 28	22 25	1 4	16 16	16 4	20 45	20 42	23 53	2 40	4 28
T 10	11 14	19 28	4 53	19 45	1 6	14 7	1 20	5 15	0 8	23 36	0 6	21 34	1 27	22 0	0 28	22 25	1 4	16 15	16 4	20 42	20 41	23 54	2 39	4 28
F 11	10 52	15 5	5 0	19 31	1 13	13 42	1 20	5 33	0 7	23 36	0 6	21 35	1 27	22 0	0 28	22 25	1 4	16 14	16 4	20 40	20 40	23 56	2 37	4 28
S 12	10 31	9 54	4 51	19 16	1 19	13 17	1 21	5 51	0 6	23 36	0 6	21 35	1 27	21 59	0 28	22 26	1 4	16 14	16 4	20 37	20 40	23 57	2 36	4 28
S 13	10 9	4 11	4 26	18 59	1 26	12 51	1 22	6 8	0 5	23 36	0 6	21 35	1 28	21 59	0 28	22 26	1 4	16 13	16 4	20 35	20 39	23 59	2 35	4 28
M14	9 47	1n49	3 45	18 41	1 31	12 25	1 23	6 26	0 4	23 36	0 7	21 35	1 28	21 58	0 28	22 26	1 4	16 12	16 4	20 33	20 38	24 1	2 33	4 27
T 15	9 25	7 48	2 51	18 22	1 37	11 59	1 23	6 43	0 4	23 36	0 7	21 35	1 28	21 58	0 28	22 26	1 4	16 12	16 3	20 31	20 38	24 2	2 32	4 27
W16	9 3	13 28	1 46	18 1	1 42	11 32	1 24	7 1	0 3	23 36	0 7	21 35	1 28	21 57	0 28	22 26	1 4	16 11	16 3	20 31	20 37	24 4	2 31	4 27
T 17	8 40	18 29	0 35	17 39	1 47	11 5	1 24	7 18	0 2	23 37	0 7	21 36	1 28	21 57	0 28	22 26	1 4	16 10	16 3	20 31	20 37	24 5	2 29	4 27
F 18	8 18	22 30	0n39	17 15	1 51	10 38	1 25	7 35	0 1	23 37	0 7	21 36	1 28	21 57	0 28	22 26	1 4	16 10	16 3	20 31	20 36	24 7	2 28	4 27
S 19	7 55	25 10	1 51	16 51	1 55	10 10	1 25	7 52	0 1	23 37	0 7	21 36	1 28	21 56	0 28	22 26	1 4	16 9	16 3	20 31	20 35	24 8	2 26	4 27
S 20	7 32	26 15	2 57	16 24	1 59	9 43	1 25	8 10	0n 0	23 37	0 7	21 36	1 28	21 56	0 28	22 26	1 4	16 8	16 3	20 30	20 35	24 10	2 25	4 27
M21	7 9	25 36	3 52	15 57	2 2	9 15	1 26	8 27	0 1	23 37	0 7	21 36	1 28	21 55	0 28	22 26	1 4	16 8	16 3	20 29	20 34	24 11	2 24	4 27
T 22	6 47	23 18	4 32	15 28	2 5	8 46	1 26	8 43	0 2	23 37	0 7	21 36	1 28	21 55	0 28	22 26	1 4	16 7	16 3	20 28	20 33	24 13	2 22	4 27
W23	6 23	19 36	4 55	14 58	2 7	8 18	1 26	9 0	0 2	23 37	0 7	21 36	1 28	21 54	0 29	22 26	1 4	16 7	16 3	20 26	20 33	24 14	2 21	4 27
T 24	6 0	14 52	5 1	14 27	2 9	7 49	1 26	9 17	0 3	23 37	0 8	21 37	1 28	21 54	0 29	22 26	1 4	16 6	16 3	20 23	20 32	24 16	2 19	4 27
F 25	5 37	9 26	4 49	13 54	2 11	7 20	1 26	9 34	0 4	23 37	0 8	21 37	1 28	21 54	0 29	22 26	1 4	16 5	16 3	20 21	20 31	24 17	2 18	4 27
S 26	5 14	3 41	4 21	13 20	2 12	6 51	1 26	9 50	0 5	23 37	0 8	21 37	1 29	21 53	0 29	22 26	1 4	16 5	16 3	20 18	20 31	24 19	2 17	4 27
S 27	4 51	2s 5	3 40	12 44	2 13	6 22	1 26	10 7	0 5	23 38	0 8	21 37	1 29	21 53	0 29	22 26	1 4	16 4	16 3	20 16	20 30	24 20	2 15	4 27
M28	4s27	7s39	2n48	12s 8	2s13	5s52	1s26	10n23	0n 6	23n38	0n 8	21s37	1n29	21s52	0s29	22n26	1s 3	16s 3	16s 2	20n15	20n30	24s22	2s14	4n27

Julian Day Number = 2296357.5, Delta T = 128.91 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'39, Lahiri = 17°55'39 Julian Calendar 1 Feb. 1575 == Greg. Calendar 11 Feb. 1575

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

MARCH 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 11 39	19♓45'49	8♏57	5♓43	19♓45	27♈20	0♋48	19♐40	23♑47	29°D43	26♓34	0°R 9	1♊21	17♐47	14♓ 0	T 1
W 2	11 15 36	20°45'29	21° 7	7°27	20°59	28° 3	0°51	19°42	23°49	29♊43	26°35	0♊ 7	1°18	17°54	14° 4	W 2
T 3	11 19 32	21°45'08	3♐ 4	9°13	22°14	28°46	0°54	19°43	23°52	29°43	26°37	0°D 6	1°15	18° 1	14° 8	T 3
F 4	11 23 29	22°44'45	14°54	10°59	23°29	29°29	0°57	19°45	23°54	29°43	26°38	0° 7	1°12	18° 7	14°12	F 4
S 5	11 27 25	23°44'21	26°42	12°47	24°43	0♉12	1° 0	19°47	23°56	29°44	26°40	0°R 7	1° 9	18°14	14°16	S 5
S 6	11 31 22	24°43'54	8♑34	14°36	25°58	0°55	1° 4	19°48	23°58	29°44	26°41	0° 6	1° 6	18°20	14°19	S 6
M 7	11 35 18	25°43'26	20°36	16°26	27°13	1°38	1° 7	19°49	24° 0	29°44	26°43	0° 3	1° 2	18°27	14°23	M 7
T 8	11 39 15	26°42'56	2♒51	18°18	28°27	2°20	1°11	19°51	24° 2	29°44	26°44	29♉57	0°59	18°34	14°27	T 8
W 9	11 43 11	27°42'24	15°23	20°11	29°42	3° 3	1°15	19°52	24° 4	29°44	26°46	29°49	0°56	18°40	14°31	W 9
T 10	11 47 8	28°41'50	28°16	22° 5	0♈57	3°46	1°20	19°53	24° 6	29°45	26°47	29°40	0°53	18°47	14°34	T 10
F 11	11 51 5	29°41'14	11♓29	24° 1	2°11	4°28	1°24	19°54	24° 8	29°45	26°49	29°29	0°50	18°54	14°38	F 11
S 12	11 55 1	0♈40'37	25° 2	25°57	3°26	5°11	1°29	19°55	24°10	29°45	26°50	29°19	0°47	19° 0	14°42	S 12
S 13	11 58 58	1°39'57	8♈53	27°55	4°40	5°54	1°33	19°55	24°12	29°46	26°52	29°10	0°43	19° 7	14°46	S 13
M14	12 2 54	2°39'15	22°56	29°54	5°55	6°36	1°38	19°56	24°14	29°46	26°53	29° 3	0°40	19°14	14°49	M14
T 15	12 6 51	3°38'31	7♉ 8	1♈55	7° 9	7°19	1°43	19°57	24°16	29°46	26°55	28°59	0°37	19°20	14°53	T 15
W16	12 10 47	4°37'45	21°24	3°56	8°24	8° 1	1°49	19°57	24°17	29°47	26°56	28°57	0°34	19°27	14°57	W16
T 17	12 14 44	5°36'56	5♊40	5°58	9°38	8°43	1°54	19°57	24°19	29°47	26°58	28°D56	0°31	19°34	15° 0	T 17
F 18	12 18 40	6°36'05	19°54	8° 1	10°53	9°26	2° 0	19°58	24°21	29°48	26°59	28°57	0°27	19°40	15° 4	F 18
S 19	12 22 37	7°35'12	4♋ 4	10° 5	12° 7	10° 8	2° 5	19°58	24°22	29°49	27° 1	28°R58	0°24	19°47	15° 7	S 19
S 20	12 26 34	8°34'17	18° 8	12° 9	13°21	10°50	2°11	19°R58	24°24	29°49	27° 2	28°58	0°21	19°54	15°11	S 20
M21	12 30 30	9°33'19	2♌ 5	14°14	14°36	11°33	2°17	19°58	24°25	29°50	27° 3	28°56	0°18	20° 0	15°15	M21
T 22	12 34 27	10°32'19	15°54	16°18	15°50	12°15	2°23	19°58	24°27	29°51	27° 5	28°51	0°15	20° 7	15°18	T 22
W23	12 38 23	11°31'16	29°34	18°23	17° 5	12°57	2°30	19°57	24°28	29°51	27° 6	28°45	0°12	20°14	15°22	W23
T 24	12 42 20	12°30'11	13♍ 3	20°27	18°19	13°39	2°36	19°57	24°30	29°52	27° 8	28°38	0° 8	20°20	15°25	T 24
F 25	12 46 16	13°29'04	26°19	22°30	19°33	14°21	2°43	19°57	24°31	29°53	27° 9	28°30	0° 5	20°27	15°29	F 25
S 26	12 50 13	14°27'55	9♎21	24°32	20°47	15° 3	2°50	19°56	24°32	29°54	27°11	28°22	0° 2	20°34	15°32	S 26
S 27	12 54 9	15°26'44	22° 8	26°33	22° 2	15°45	2°57	19°56	24°33	29°54	27°12	28°16	29♉59	20°40	15°36	S 27
M28	12 58 6	16°25'30	4♏40	28°32	23°16	16°27	3° 4	19°55	24°34	29°55	27°14	28°11	29°56	20°47	15°39	M28
T 29	13 2 2	17°24'15	16°57	0♉28	24°30	17° 9	3°11	19°54	24°36	29°56	27°15	28° 9	29°52	20°53	15°42	T 29
W30	13 5 59	18°22'58	29° 2	2°23	25°44	17°51	3°18	19°53	24°37	29°57	27°17	28°D 8	29°49	21° 0	15°46	W30
T 31	13 9 56	19♈21'40	10♐58	4♉14	26♈58	18♉32	3♋26	19♐52	24♑38	29♊58	27♓18	28♉ 9	29♉46	21♐ 7	15♓49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s 4	12s47	1n50	11s30	2s13	5s23	1s25	10n39	0n 7	23n38	0n 8	21s37	1n29	21s52	0s29	22n26	1s 3	16s 3	16s 2	20n14	20n29	24s23	2s12	4n26
W 2	3 40	17 19	0 48	10 50	2 12	4 53	1 25	10 55	0 7	23 38	0 8	21 37	1 29	21 52	0 29	22 26	1 3	16 2	16 2	20 13	20 28	24 25	2 11	4 26
T 3	3 17	21 5	0s16	10 10	2 11	4 23	1 25	11 11	0 8	23 38	0 8	21 37	1 29	21 51	0 29	22 26	1 3	16 1	16 2	20 13	20 28	24 26	2 10	4 26
F 4	2 53	23 56	1 18	9 28	2 10	3 53	1 24	11 27	0 9	23 38	0 8	21 37	1 29	21 51	0 29	22 26	1 3	16 1	16 2	20 13	20 27	24 28	2 8	4 26
S 5	2 30	25 44	2 17	8 44	2 8	3 23	1 24	11 43	0 10	23 38	0 8	21 37	1 29	21 51	0 29	22 26	1 3	16 0	16 2	20 13	20 26	24 29	2 7	4 26
S 6	2 6	26 23	3 10	8 0	2 5	2 52	1 23	11 59	0 10	23 38	0 9	21 37	1 29	21 50	0 29	22 27	1 3	16 0	16 2	20 13	20 26	24 30	2 5	4 26
M 7	1 42	25 48	3 56	7 14	2 2	2 22	1 22	12 14	0 11	23 38	0 9	21 37	1 29	21 50	0 29	22 27	1 3	15 59	16 2	20 12	20 25	24 32	2 4	4 26
T 8	1 19	23 58	4 31	6 27	1 59	1 52	1 22	12 30	0 12	23 38	0 9	21 37	1 29	21 50	0 29	22 27	1 3	15 58	16 2	20 11	20 24	24 33	2 2	4 26
W 9	0 55	20 57	4 55	5 39	1 55	1 21	1 21	12 45	0 12	23 38	0 9	21 37	1 29	21 49	0 29	22 27	1 3	15 58	16 2	20 10	20 24	24 35	2 1	4 26
T 10	0 31	16 51	5 4	4 50	1 50	0 51	1 20	13 0	0 13	23 38	0 9	21 37	1 30	21 49	0 29	22 27	1 3	15 57	16 2	20 8	20 23	24 36	2 0	4 26
F 11	0 7	11 51	4 58	3 59	1 45	0 20	1 19	13 15	0 14	23 38	0 9	21 37	1 30	21 49	0 29	22 27	1 3	15 57	16 2	20 5	20 22	24 37	1 58	4 26
S 12	0n16	6 10	4 34	3 8	1 39	0n10	1 18	13 30	0 14	23 38	0 9	21 37	1 30	21 48	0 29	22 27	1 3	15 56	16 2	20 3	20 22	24 39	1 57	4 26
S 13	0 40	0 4	3 55	2 15	1 33	0 41	1 17	13 45	0 15	23 38	0 9	21 37	1 30	21 48	0 29	22 27	1 3	15 56	16 2	20 1	20 21	24 40	1 55	4 26
M14	1 3	6n 9	3 0	1 21	1 26	1 11	1 16	14 0	0 16	23 38	0 9	21 37	1 30	21 48	0 29	22 27	1 3	15 55	16 2	20 0	20 20	24 42	1 54	4 26
T 15	1 27	12 7	1 54	0 27	1 19	1 42	1 15	14 14	0 16	23 38	0 9	21 37	1 30	21 47	0 29	22 27	1 3	15 54	16 3	19 59	20 20	24 43	1 52	4 26
W16	1 51	17 30	0 40	0n28	1 11	2 12	1 14	14 29	0 17	23 38	0 9	21 37	1 30	21 47	0 29	22 27	1 3	15 54	16 3	19 58	20 19	24 44	1 51	4 26
T 17	2 14	21 54	0n36	1 25	1 3	2 43	1 13	14 43	0 18	23 38	0 10	21 37	1 30	21 47	0 29	22 27	1 3	15 53	16 3	19 58	20 18	24 46	1 50	4 26
F 18	2 38	24 57	1 50	2 21	0 55	3 13	1 11	14 57	0 18	23 38	0 10	21 37	1 30	21 47	0 29	22 27	1 3	15 53	16 3	19 58	20 18	24 47	1 48	4 26
S 19	3 1	26 23	2 57	3 18	0 45	3 44	1 10	15 11	0 19	23 38	0 10	21 37	1 30	21 46	0 29	22 27	1 3	15 52	16 3	19 59	20 17	24 48	1 47	4 26
S 20	3 24	26 7	3 53	4 16	0 36	4 14	1 8	15 25	0 19	23 38	0 10	21 37	1 30	21 46	0 29	22 27	1 3	15 52	16 3	19 58	20 16	24 50	1 45	4 27
M21	3 48	24 12	4 35	5 14	0 26	4 44	1 7	15 39	0 20	23 38	0 10	21 37	1 30	21 46	0 29	22 27	1 3	15 51	16 3	19 58	20 16	24 51	1 44	4 27
T 22	4 11	20 52	5 0	6 11	0 15	5 14	1 6	15 53	0 21	23 38	0 10	21 37	1 31	21 46	0 29	22 27	1 3	15 51	16 3	19 57	20 15	24 52	1 42	4 27
W23	4 34	16 27	5 8	7 9	0 5	5 44	1 4	16 6	0 21	23 38	0 10	21 36	1 31	21 45	0 29	22 27	1 2	15 50	16 3	19 56	20 14	24 54	1 41	4 27
T 24	4 57	11 15	4 58	8 6	0n 6	6 14	1 2	16 19	0 22	23 38	0 10	21 36	1 31	21 45	0 29	22 27	1 2	15 50	16 3	19 54	20 14	24 55	1 40	4 27
F 25	5 20	5 38	4 33	9 3	0 17	6 44	1 1	16 32	0 23	23 38	0 10	21 36	1 31	21 45	0 29	22 27	1 2	15 49	16 3	19 52	20 13	24 56	1 38	4 27
S 26	5 43	0s 9	3 53	9 58	0 29	7 13	0 59	16 45	0 23	23 38	0 10	21 36	1 31	21 45	0 29	22 27	1 2	15 49	16 3	19 51	20 12	24 58	1 37	4 27
S 27	6 6	5 49	3 3	10 53	0 40	7 43	0 57	16 58	0 24	23 38	0 10	21 36	1 31	21 45	0 29	22 27	1 2	15 48	16 4	19 49	20 12	24 59	1 36	4 27
M28	6 28	11 10	2 4	11 46	0 51	8 12	0 55	17 11	0 24	23 38	0 10	21 36	1 31	21 44	0 29	22 28	1 2	15 48	16 4	19 48	20 11	25 0	1 34	4 27
T 29	6 51	15 58	1 0	12 38	1 2	8 41	0 54	17 24	0 25	23 38	0 11	21 36	1 31	21 44	0 30	22 28	1 2	15 47	16 4	19 48	20 10	25 2	1 33	4 27
W30	7 13	20 4	0s 5	13 29	1 13	9 10	0 52	17 36	0 26	23 38	0 11	21 36	1 31	21 44	0 30	22 28	1 2	15 47	16 4	19 48	20 10	25 3	1 31	4 27
T 31	7n36	23s17	1s 9	14n17	1n24	9n39	0s50	17n48	0n26	23n38	0n11	21s35	1n31	21s44	0s30	22n28	1s 2	15s47	16s 4	19n48	20n 9	25s 4	1s30	4n27

Julian Day Number = 2296385.5, Delta T = 128.77 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'43, Lahiri = 17°55'43 Julian Calendar 1 March 1575 == Greg. Calendar 11 March 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

APRIL 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 13 52	20♈20'19	22♐48	6♉ 3	28♈13	19♉14	3♋33	19°R51	24♏39	29♊59	27♓19	28♉10	29♉43	21♐13	15♓52	F 1
S 2	13 17 49	21°18'57	4♏36	7°48	29°27	19°56	3°41	19♐50	24°40	0♋ 0	27°21	28°12	29°40	21°20	15°56	S 2
S 3	13 21 45	22°17'33	16°29	9°29	0♉41	20°37	3°49	19°48	24°40	0° 1	27°22	28°13	29°37	21°27	15°59	S 3
M 4	13 25 42	23°16'08	28°31	11° 6	1°55	21°19	3°57	19°47	24°41	0° 2	27°23	28°R13	29°33	21°33	16° 2	M 4
T 5	13 29 38	24°14'41	10♒46	12°40	3° 9	22° 1	4° 5	19°46	24°42	0° 3	27°25	28°12	29°30	21°40	16° 5	T 5
W 6	13 33 35	25°13'12	23°19	14° 9	4°23	22°42	4°13	19°44	24°43	0° 4	27°26	28° 9	29°27	21°47	16° 8	W 6
T 7	13 37 31	26°11'41	6♓14	15°33	5°37	23°24	4°22	19°42	24°43	0° 6	27°28	28° 5	29°24	21°53	16°12	T 7
F 8	13 41 28	27°10'09	19°33	16°53	6°51	24° 5	4°30	19°41	24°44	0° 7	27°29	28° 0	29°21	22° 0	16°15	F 8
S 9	13 45 25	28° 8'35	3♈16	18° 8	8° 5	24°47	4°39	19°39	24°45	0° 8	27°30	27°56	29°18	22° 7	16°18	S 9
S 10	13 49 21	29° 6'59	17°21	19°19	9°19	25°28	4°48	19°37	24°45	0° 9	27°32	27°52	29°14	22°13	16°21	S 10
M11	13 53 18	0♉ 5'21	1♉45	20°24	10°33	26° 9	4°57	19°35	24°46	0°10	27°33	27°48	29°11	22°20	16°24	M11
T 12	13 57 14	1° 3'42	16°21	21°25	11°47	26°51	5° 6	19°33	24°46	0°12	27°34	27°47	29° 8	22°27	16°27	T 12
W13	14 1 11	2° 2'01	1♊ 3	22°20	13° 1	27°32	5°15	19°30	24°46	0°13	27°35	27°D46	29° 5	22°33	16°30	W13
T 14	14 5 7	3° 0'18	15°44	23°10	14°15	28°13	5°24	19°28	24°47	0°14	27°37	27°47	29° 2	22°40	16°33	T 14
F 15	14 9 4	3°58'33	0♋19	23°55	15°29	28°54	5°33	19°26	24°47	0°16	27°38	27°48	28°58	22°47	16°35	F 15
S 16	14 13 0	4°56'46	14°43	24°35	16°43	29°35	5°43	19°23	24°47	0°17	27°39	27°50	28°55	22°53	16°38	S 16
S 17	14 16 57	5°54'57	28°54	25° 9	17°56	0♊17	5°52	19°21	24°47	0°19	27°40	27°51	28°52	23° 0	16°41	S 17
M18	14 20 54	6°53'05	12♌49	25°38	19°10	0°58	6° 2	19°18	24°47	0°20	27°42	27°R51	28°49	23° 7	16°44	M18
T 19	14 24 50	7°51'12	26°28	26° 2	20°24	1°39	6°12	19°16	24°48	0°22	27°43	27°50	28°46	23°13	16°46	T 19
W20	14 28 47	8°49'17	9♍51	26°20	21°38	2°20	6°21	19°13	24°R48	0°23	27°44	27°48	28°43	23°20	16°49	W20
T 21	14 32 43	9°47'19	22°59	26°33	22°51	3° 1	6°31	19°10	24°48	0°25	27°45	27°46	28°39	23°27	16°52	T 21
F 22	14 36 40	10°45'20	5♎53	26°41	24° 5	3°41	6°41	19° 7	24°47	0°26	27°46	27°43	28°36	23°33	16°54	F 22
S 23	14 40 36	11°43'19	18°33	26°R43	25°19	4°22	6°52	19° 4	24°47	0°28	27°48	27°41	28°33	23°40	16°57	S 23
S 24	14 44 33	12°41'16	1♏ 1	26°41	26°32	5° 3	7° 2	19° 1	24°47	0°29	27°49	27°39	28°30	23°47	16°59	S 24
M25	14 48 29	13°39'12	13°17	26°33	27°46	5°44	7°12	18°58	24°47	0°31	27°50	27°38	28°27	23°53	17° 2	M25
T 26	14 52 26	14°37'06	25°23	26°21	29° 0	6°25	7°23	18°55	24°47	0°33	27°51	27°D37	28°24	24° 0	17° 4	T 26
W27	14 56 23	15°34'59	7♐21	26° 5	0♊13	7° 5	7°33	18°51	24°46	0°34	27°52	27°37	28°20	24° 7	17° 7	W27
T 28	15 0 19	16°32'51	19°13	25°45	1°27	7°46	7°44	18°48	24°46	0°36	27°53	27°38	28°17	24°13	17° 9	T 28
F 29	15 4 16	17°30'41	1♏ 2	25°21	2°41	8°27	7°54	18°45	24°45	0°38	27°54	27°39	28°14	24°20	17°11	F 29
S 30	15 8 12	18♉28'29	12♏52	24♉53	3♊54	9♊ 7	8♋ 5	18♐41	24♏45	0♋40	27♓55	27♉40	28♉11	24♐27	17♓13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n58	25s28	2s10	15n 3	1n34	10n 7	0s48	18n 0	0n27	23n38	0n11	21s35	1n31	21s44	0s30	22n28	1s 2	15s46	16s 4	19n48	20n 8	25s 5	1s29	4n27
S 2	8 20	26 31	3 6	15 47	1 44	10 35	0 46	18 12	0 27	23 37	0 11	21 35	1 31	21 44	0 30	22 28	1 2	15 46	16 4	19 48	20 8	25 7	1 27	4 27
S 3	8 42	26 20	3 54	16 29	1 54	11 3	0 44	18 24	0 28	23 37	0 11	21 35	1 31	21 44	0 30	22 28	1 2	15 45	16 5	19 49	20 7	25 8	1 26	4 27
M 4	9 4	24 56	4 32	17 8	2 2	11 31	0 42	18 35	0 28	23 37	0 11	21 35	1 32	21 43	0 30	22 28	1 2	15 45	16 5	19 49	20 6	25 9	1 25	4 27
T 5	9 25	22 21	4 58	17 45	2 11	11 58	0 40	18 47	0 29	23 37	0 11	21 35	1 32	21 43	0 30	22 28	1 2	15 45	16 5	19 48	20 6	25 10	1 23	4 28
W 6	9 47	18 40	5 11	18 19	2 18	12 25	0 38	18 58	0 29	23 37	0 11	21 34	1 32	21 43	0 30	22 28	1 2	15 44	16 5	19 48	20 5	25 12	1 22	4 28
T 7	10 8	14 2	5 9	18 51	2 25	12 52	0 35	19 9	0 30	23 37	0 11	21 34	1 32	21 43	0 30	22 28	1 2	15 44	16 5	19 47	20 4	25 13	1 21	4 28
F 8	10 29	8 36	4 51	19 20	2 31	13 19	0 33	19 20	0 31	23 36	0 11	21 34	1 32	21 43	0 30	22 28	1 2	15 43	16 5	19 46	20 3	25 14	1 20	4 28
S 9	10 50	2 36	4 15	19 46	2 36	13 45	0 31	19 31	0 31	23 36	0 11	21 34	1 32	21 43	0 30	22 28	1 2	15 43	16 6	19 45	20 3	25 15	1 18	4 28
S 10	11 11	3n42	3 24	20 9	2 40	14 11	0 29	19 41	0 32	23 36	0 11	21 34	1 32	21 43	0 30	22 28	1 2	15 43	16 6	19 44	20 2	25 17	1 17	4 28
M11	11 32	9 57	2 18	20 30	2 43	14 36	0 26	19 51	0 32	23 36	0 12	21 33	1 32	21 43	0 30	22 28	1 2	15 42	16 6	19 43	20 1	25 18	1 16	4 28
T 12	11 52	15 46	1 2	20 49	2 45	15 1	0 24	20 2	0 33	23 35	0 12	21 33	1 32	21 43	0 30	22 28	1 2	15 42	16 6	19 43	20 1	25 19	1 14	4 28
W13	12 13	20 43	0n18	21 4	2 46	15 26	0 22	20 12	0 33	23 35	0 12	21 33	1 32	21 43	0 30	22 28	1 2	15 42	16 6	19 43	20 0	25 20	1 13	4 28
T 14	12 33	24 21	1 37	21 17	2 46	15 51	0 19	20 21	0 34	23 35	0 12	21 33	1 32	21 43	0 30	22 28	1 2	15 41	16 7	19 43	19 59	25 21	1 12	4 29
F 15	12 52	26 19	2 50	21 28	2 45	16 15	0 17	20 31	0 34	23 35	0 12	21 33	1 32	21 43	0 30	22 28	1 2	15 41	16 7	19 43	19 59	25 23	1 11	4 29
S 16	13 12	26 30	3 50	21 36	2 43	16 38	0 15	20 41	0 35	23 34	0 12	21 32	1 32	21 43	0 30	22 28	1 1	15 41	16 7	19 43	19 58	25 24	1 10	4 29
S 17	13 31	24 56	4 36	21 41	2 40	17 1	0 12	20 50	0 35	23 34	0 12	21 32	1 32	21 43	0 30	22 28	1 1	15 40	16 7	19 44	19 57	25 25	1 8	4 29
M18	13 51	21 52	5 5	21 44	2 36	17 24	0 10	20 59	0 36	23 34	0 12	21 32	1 32	21 43	0 30	22 28	1 1	15 40	16 7	19 44	19 57	25 26	1 7	4 29
T 19	14 10	17 39	5 15	21 44	2 30	17 46	0 7	21 8	0 36	23 33	0 12	21 32	1 32	21 43	0 30	22 28	1 1	15 40	16 8	19 43	19 56	25 27	1 6	4 29
W20	14 28	12 39	5 8	21 42	2 23	18 8	0 5	21 17	0 37	23 33	0 12	21 31	1 32	21 43	0 30	22 28	1 1	15 40	16 8	19 43	19 55	25 28	1 5	4 29
T 21	14 47	7 9	4 45	21 37	2 15	18 30	0 2	21 25	0 37	23 32	0 12	21 31	1 32	21 43	0 30	22 28	1 1	15 39	16 8	19 42	19 54	25 30	1 4	4 29
F 22	15 5	1 28	4 8	21 30	2 6	18 50	0n 0	21 33	0 38	23 32	0 12	21 31	1 32	21 43	0 30	22 28	1 1	15 39	16 8	19 42	19 54	25 31	1 3	4 30
S 23	15 23	4s13	3 20	21 21	1 56	19 11	0 3	21 42	0 38	23 31	0 12	21 30	1 32	21 43	0 30	22 28	1 1	15 39	16 9	19 41	19 53	25 32	1 1	4 30
S 24	15 41	9 38	2 22	21 9	1 45	19 31	0 5	21 49	0 39	23 31	0 13	21 30	1 33	21 43	0 30	22 29	1 1	15 39	16 9	19 41	19 52	25 33	1 0	4 30
M25	15 58	14 37	1 19	20 56	1 32	19 50	0 8	21 57	0 39	23 31	0 13	21 30	1 33	21 43	0 30	22 29	1 1	15 39	16 9	19 41	19 52	25 34	0 59	4 30
T 26	16 16	18 57	0 12	20 40	1 19	20 9	0 10	22 5	0 40	23 30	0 13	21 30	1 33	21 43	0 30	22 29	1 1	15 38	16 9	19 41	19 51	25 35	0 58	4 30
W27	16 33	22 28	0s54	20 22	1 5	20 27	0 13	22 12	0 40	23 30	0 13	21 29	1 33	21 43	0 30	22 29	1 1	15 38	16 10	19 41	19 50	25 36	0 57	4 30
T 28	16 49	25 0	1 57	20 2	0 49	20 45	0 15	22 19	0 41	23 29	0 13	21 29	1 33	21 43	0 30	22 29	1 1	15 38	16 10	19 41	19 50	25 37	0 56	4 30
F 29	17 6	26 24	2 55	19 41	0 34	21 2	0 18	22 26	0 41	23 28	0 13	21 29	1 33	21 44	0 31	22 29	1 1	15 38	16 10	19 41	19 49	25 38	0 55	4 31
S 30	17n22	26s37	3s45	19n19	0n17	21n18	0n20	22n33	0n41	23n28	0n13	21s28	1n33	21s44	0s31	22n29	1s 1	15s38	16s11	19n41	19n48	25s39	0s54	4n31

Julian Day Number = 2296416.5, Delta T = 128.61 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'47, Lahiri = 17°55'47 Julian Calendar 1 Apr. 1575 == Greg. Calendar 11 Apr. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

MAY 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 12 9	19♉26'17	24♑45	24°R24	5♊ 8	9♊48	8♋16	18°R38	24°R44	0♋41	27♓56	27♉41	28♉ 8	24♐33	17♓16	S 1
M 2	15 16 5	20°24'03	6♒46	23♉52	6°21	10°28	8°27	18♐34	24♑44	0°43	27°57	27°41	28° 4	24°40	17°18	M 2
T 3	15 20 2	21°21'48	19° 0	23°18	7°35	11° 9	8°38	18°31	24°43	0°45	27°58	27°R42	28° 1	24°46	17°20	T 3
W 4	15 23 58	22°19'32	1♓31	22°44	8°48	11°49	8°49	18°27	24°43	0°47	27°59	27°42	27°58	24°53	17°22	W 4
T 5	15 27 55	23°17'15	14°24	22° 9	10° 1	12°30	9° 0	18°23	24°42	0°49	28° 0	27°41	27°55	25° 0	17°24	T 5
F 6	15 31 52	24°14'56	27°40	21°35	11°15	13°10	9°11	18°19	24°41	0°50	28° 1	27°41	27°52	25° 6	17°26	F 6
S 7	15 35 48	25°12'37	11♈22	21° 1	12°28	13°50	9°23	18°15	24°40	0°52	28° 2	27°41	27°49	25°13	17°28	S 7
S 8	15 39 45	26°10'17	25°30	20°29	13°42	14°31	9°34	18°12	24°39	0°54	28° 3	27°40	27°45	25°20	17°30	S 8
M 9	15 43 41	27° 7'55	10♉ 2	19°59	14°55	15°11	9°46	18° 8	24°39	0°56	28° 4	27°40	27°42	25°26	17°32	M 9
T 10	15 47 38	28° 5'33	24°51	19°31	16° 8	15°51	9°57	18° 4	24°38	0°58	28° 5	27°40	27°39	25°33	17°33	T 10
W11	15 51 34	29° 3'09	9♊52	19° 6	17°22	16°31	10° 9	18° 0	24°37	1° 0	28° 5	27°40	27°36	25°40	17°35	W11
T 12	15 55 31	0♊ 0'44	24°55	18°44	18°35	17°12	10°20	17°56	24°36	1° 2	28° 6	27°40	27°33	25°46	17°37	T 12
F 13	15 59 27	0°58'18	9♋52	18°26	19°48	17°52	10°32	17°51	24°35	1° 4	28° 7	27°40	27°30	25°53	17°38	F 13
S 14	16 3 24	1°55'51	24°36	18°12	21° 2	18°32	10°44	17°47	24°33	1° 6	28° 8	27°40	27°26	26° 0	17°40	S 14
S 15	16 7 21	2°53'22	9♌ 1	18° 2	22°15	19°12	10°56	17°43	24°32	1° 8	28° 9	27°39	27°23	26° 6	17°42	S 15
M16	16 11 17	3°50'51	23° 3	17°56	23°28	19°52	11° 8	17°39	24°31	1°10	28° 9	27°39	27°20	26°13	17°43	M16
T 17	16 15 14	4°48'20	6♍42	17°D54	24°41	20°32	11°20	17°35	24°30	1°12	28°10	27°D39	27°17	26°20	17°44	T 17
W18	16 19 10	5°45'47	19°59	17°57	25°54	21°12	11°32	17°30	24°29	1°14	28°11	27°39	27°14	26°26	17°46	W18
T 19	16 23 7	6°43'12	2♎56	18° 5	27° 8	21°52	11°44	17°26	24°27	1°16	28°12	27°39	27°10	26°33	17°47	T 19
F 20	16 27 3	7°40'37	15°35	18°16	28°21	22°32	11°56	17°22	24°26	1°18	28°12	27°40	27° 7	26°40	17°48	F 20
S 21	16 31 0	8°38'00	27°59	18°33	29°34	23°12	12° 8	17°17	24°24	1°20	28°13	27°41	27° 4	26°46	17°50	S 21
S 22	16 34 56	9°35'23	10♏11	18°54	0♋47	23°52	12°20	17°13	24°23	1°22	28°13	27°42	27° 1	26°53	17°51	S 22
M23	16 38 53	10°32'44	22°14	19°19	2° 0	24°31	12°33	17° 9	24°21	1°24	28°14	27°R43	26°58	27° 0	17°52	M23
T 24	16 42 50	11°30'05	4♐11	19°48	3°13	25°11	12°45	17° 4	24°20	1°27	28°15	27°43	26°55	27° 6	17°53	T 24
W25	16 46 46	12°27'25	16° 2	20°22	4°26	25°51	12°57	17° 0	24°18	1°29	28°15	27°42	26°51	27°13	17°54	W25
T 26	16 50 43	13°24'44	27°52	21° 0	5°39	26°31	13°10	16°56	24°17	1°31	28°16	27°40	26°48	27°20	17°55	T 26
F 27	16 54 39	14°22'02	9♑41	21°42	6°52	27°10	13°22	16°51	24°15	1°33	28°16	27°38	26°45	27°26	17°56	F 27
S 28	16 58 36	15°19'20	21°33	22°28	8° 5	27°50	13°35	16°47	24°14	1°35	28°17	27°36	26°42	27°33	17°57	S 28
S 29	17 2 32	16°16'37	3♒29	23°18	9°18	28°30	13°48	16°42	24°12	1°37	28°17	27°33	26°39	27°40	17°57	S 29
M30	17 6 29	17°13'54	15°33	24°12	10°31	29° 9	14° 0	16°38	24°10	1°40	28°18	27°30	26°36	27°46	17°58	M30
T 31	17 10 26	18♊11'10	27♒48	25♉ 9	11♋43	29♊49	14♋13	16♐33	24♑ 8	1♋42	28♓18	27♉28	26♉32	27♐53	17♓59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n38	25s36	4s27	18n55	0n 0	21n34	0n23	22n40	0n42	23n27	0n13	21s28	1n33	21s44	0s31	22n29	1s 1	15s37	16s11	19n41	19n47	25s41	0s53	4n31
M 2	17 53	23 24	4 57	18 30	0s17	21 50	0 25	22 46	0 42	23 27	0 13	21 28	1 33	21 44	0 31	22 29	1 1	15 37	16 11	19 41	19 47	25 42	0 52	4 31
T 3	18 9	20 7	5 14	18 5	0 35	22 5	0 28	22 52	0 43	23 26	0 13	21 28	1 33	21 44	0 31	22 29	1 1	15 37	16 11	19 42	19 46	25 43	0 51	4 31
W 4	18 24	15 53	5 17	17 39	0 52	22 19	0 30	22 58	0 43	23 25	0 13	21 27	1 33	21 44	0 31	22 29	1 1	15 37	16 12	19 42	19 45	25 44	0 50	4 31
T 5	18 38	10 50	5 4	17 14	1 10	22 32	0 32	23 4	0 44	23 25	0 13	21 27	1 33	21 44	0 31	22 29	1 1	15 37	16 12	19 41	19 45	25 45	0 49	4 32
F 6	18 53	5 8	4 35	16 48	1 27	22 45	0 35	23 10	0 44	23 24	0 13	21 27	1 33	21 45	0 31	22 29	1 1	15 37	16 12	19 41	19 44	25 46	0 48	4 32
S 7	19 7	0n59	3 50	16 24	1 43	22 58	0 37	23 15	0 44	23 23	0 13	21 26	1 33	21 45	0 31	22 29	1 1	15 37	16 13	19 41	19 43	25 47	0 47	4 32
S 8	19 20	7 15	2 49	16 0	1 59	23 9	0 40	23 20	0 45	23 22	0 14	21 26	1 33	21 45	0 31	22 29	1 1	15 37	16 13	19 41	19 42	25 48	0 46	4 32
M 9	19 34	13 20	1 36	15 37	2 14	23 20	0 42	23 25	0 45	23 22	0 14	21 26	1 33	21 45	0 31	22 29	1 1	15 37	16 13	19 41	19 42	25 49	0 46	4 32
T 10	19 47	18 46	0 16	15 16	2 29	23 30	0 44	23 30	0 46	23 21	0 14	21 25	1 33	21 45	0 31	22 29	1 1	15 37	16 14	19 41	19 41	25 50	0 45	4 33
W11	20 0	23 5	1n 7	14 56	2 42	23 40	0 47	23 35	0 46	23 20	0 14	21 25	1 33	21 45	0 31	22 29	1 1	15 37	16 14	19 41	19 40	25 51	0 44	4 33
T 12	20 12	25 49	2 26	14 38	2 55	23 49	0 49	23 39	0 47	23 19	0 14	21 24	1 33	21 46	0 31	22 29	1 1	15 37	16 14	19 41	19 40	25 52	0 43	4 33
F 13	20 24	26 41	3 34	14 23	3 6	23 57	0 51	23 43	0 47	23 18	0 14	21 24	1 33	21 46	0 31	22 29	1 1	15 37	16 14	19 41	19 39	25 53	0 42	4 33
S 14	20 36	25 37	4 26	14 9	3 16	24 5	0 53	23 47	0 47	23 18	0 14	21 24	1 33	21 46	0 31	22 29	1 1	15 37	16 15	19 41	19 38	25 54	0 41	4 33
S 15	20 47	22 53	5 1	13 57	3 25	24 12	0 56	23 51	0 48	23 17	0 14	21 23	1 33	21 46	0 31	22 29	1 1	15 37	16 15	19 41	19 37	25 55	0 41	4 33
M16	20 58	18 50	5 16	13 48	3 33	24 18	0 58	23 54	0 48	23 16	0 14	21 23	1 33	21 47	0 31	22 29	1 1	15 37	16 15	19 41	19 37	25 56	0 40	4 34
T 17	21 9	13 55	5 13	13 41	3 40	24 23	1 0	23 58	0 48	23 15	0 14	21 23	1 32	21 47	0 31	22 29	1 0	15 37	16 16	19 41	19 36	25 57	0 39	4 34
W18	21 19	8 28	4 54	13 37	3 45	24 28	1 2	24 1	0 49	23 14	0 14	21 22	1 32	21 47	0 31	22 29	1 0	15 37	16 16	19 41	19 35	25 58	0 39	4 34
T 19	21 29	2 48	4 19	13 35	3 50	24 32	1 4	24 4	0 49	23 13	0 14	21 22	1 32	21 47	0 31	22 29	1 0	15 37	16 17	19 41	19 34	25 59	0 38	4 34
F 20	21 39	2s52	3 33	13 35	3 53	24 35	1 6	24 7	0 50	23 12	0 14	21 22	1 32	21 48	0 31	22 29	1 0	15 37	16 17	19 41	19 34	26 0	0 37	4 34
S 21	21 48	8 20	2 37	13 37	3 55	24 38	1 8	24 9	0 50	23 11	0 15	21 21	1 32	21 48	0 31	22 29	1 0	15 37	16 17	19 41	19 33	26 1	0 36	4 35
S 22	21 56	13 24	1 36	13 42	3 56	24 40	1 10	24 11	0 50	23 10	0 15	21 21	1 32	21 48	0 31	22 29	1 0	15 37	16 18	19 42	19 32	26 2	0 36	4 35
M23	22 5	17 53	0 30	13 48	3 56	24 41	1 12	24 14	0 51	23 9	0 15	21 21	1 32	21 49	0 31	22 29	1 0	15 37	16 18	19 42	19 32	26 2	0 35	4 35
T 24	22 13	21 37	0s36	13 57	3 56	24 41	1 14	24 16	0 51	23 8	0 15	21 20	1 32	21 49	0 31	22 29	1 0	15 37	16 18	19 42	19 31	26 3	0 35	4 35
W25	22 21	24 25	1 40	14 7	3 54	24 41	1 16	24 17	0 51	23 7	0 15	21 20	1 32	21 49	0 31	22 29	1 0	15 37	16 19	19 42	19 30	26 4	0 34	4 35
T 26	22 28	26 8	2 39	14 20	3 51	24 40	1 18	24 19	0 52	23 5	0 15	21 19	1 32	21 49	0 31	22 29	1 0	15 37	16 19	19 41	19 29	26 5	0 34	4 36
F 27	22 35	26 40	3 32	14 34	3 48	24 38	1 19	24 20	0 52	23 4	0 15	21 19	1 32	21 50	0 31	22 29	1 0	15 37	16 19	19 41	19 29	26 6	0 33	4 36
S 28	22 41	25 58	4 15	14 50	3 43	24 36	1 21	24 21	0 52	23 3	0 15	21 19	1 32	21 50	0 31	22 29	1 0	15 37	16 20	19 40	19 28	26 7	0 32	4 36
S 29	22 47	24 5	4 48	15 7	3 38	24 33	1 23	24 22	0 53	23 2	0 15	21 18	1 32	21 50	0 31	22 29	1 0	15 38	16 20	19 40	19 27	26 8	0 32	4 36
M30	22 53	21 7	5 8	15 26	3 32	24 29	1 24	24 23	0 53	23 1	0 15	21 18	1 32	21 51	0 31	22 29	1 0	15 38	16 20	19 39	19 26	26 9	0 32	4 36
T 31	22n58	17s11	5s15	15n46	3s26	24n24	1n26	24n23	0n53	22n59	0n15	21s18	1n32	21s51	0s31	22n29	1s 0	15s38	16s21	19n38	19n26	26s10	0s31	4n37

Julian Day Number = 2296446.5, Delta T = 128.46 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'51, Lahiri = 17°55'51 Julian Calendar 1 May 1575 == Greg. Calendar 11 May 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

JUNE 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 14 22	19♊ 8'26	10♓18	26♉10	12♋56	0♋28	14♋26	16°R29	24°R 7	1♋44	28♓19	27°R27	26♉29	28♐ 0	17♓59	W 1
T 2	17 18 19	20° 5'41	23° 7	27°15	14° 9	1° 8	14°38	16♐25	24♑ 5	1°46	28°19	27°D27	26°26	28° 6	18° 0	T 2
F 3	17 22 15	21° 2'57	6♈17	28°23	15°22	1°47	14°51	16°20	24° 3	1°48	28°19	27♉27	26°23	28°13	18° 1	F 3
S 4	17 26 12	22° 0'12	19°52	29°35	16°35	2°27	15° 4	16°16	24° 1	1°50	28°20	27°29	26°20	28°20	18° 1	S 4
S 5	17 30 8	22°57'27	3♉53	0♊51	17°47	3° 6	15°17	16°11	23°59	1°53	28°20	27°30	26°16	28°26	18° 1	S 5
M 6	17 34 5	23°54'42	18°20	2° 9	19° 0	3°46	15°30	16° 7	23°57	1°55	28°20	27°31	26°13	28°33	18° 2	M 6
T 7	17 38 1	24°51'56	3♊ 9	3°32	20°13	4°25	15°43	16° 3	23°55	1°57	28°21	27°R31	26°10	28°40	18° 2	T 7
W 8	17 41 58	25°49'11	18°14	4°57	21°25	5° 4	15°56	15°58	23°53	1°59	28°21	27°30	26° 7	28°46	18° 2	W 8
T 9	17 45 55	26°46'25	3♋27	6°26	22°38	5°44	16° 9	15°54	23°51	2° 2	28°21	27°28	26° 4	28°53	18° 2	T 9
F 10	17 49 51	27°43'39	18°38	7°58	23°51	6°23	16°22	15°50	23°49	2° 4	28°21	27°24	26° 1	29° 0	18° 3	F 10
S 11	17 53 48	28°40'53	3♌37	9°33	25° 3	7° 2	16°35	15°46	23°47	2° 6	28°22	27°20	25°57	29° 6	18° 3	S 11
S 12	17 57 44	29°38'06	18°16	11°12	26°16	7°42	16°48	15°41	23°45	2° 8	28°22	27°15	25°54	29°13	18°R 3	S 12
M13	18 1 41	0♋35'19	2♍29	12°54	27°28	8°21	17° 1	15°37	23°43	2°10	28°22	27°12	25°51	29°20	18° 3	M13
T 14	18 5 37	1°32'31	16°15	14°38	28°41	9° 0	17°14	15°33	23°40	2°13	28°22	27° 9	25°48	29°26	18° 3	T 14
W15	18 9 34	2°29'42	29°34	16°26	29°53	9°39	17°27	15°29	23°38	2°15	28°22	27°D 8	25°45	29°33	18° 2	W15
T 16	18 13 30	3°26'53	12♎28	18°17	1♌ 6	10°18	17°40	15°25	23°36	2°17	28°22	27° 9	25°42	29°40	18° 2	T 16
F 17	18 17 27	4°24'04	25° 0	20°10	2°18	10°57	17°54	15°21	23°34	2°19	28°22	27°10	25°38	29°46	18° 2	F 17
S 18	18 21 24	5°21'15	7♏16	22° 6	3°30	11°37	18° 7	15°17	23°32	2°22	28°22	27°12	25°35	29°53	18° 2	S 18
S 19	18 25 20	6°18'25	19°20	24° 5	4°43	12°16	18°20	15°13	23°29	2°24	28°R22	27°13	25°32	29°59	18° 1	S 19
M20	18 29 17	7°15'36	1♐15	26° 5	5°55	12°55	18°33	15° 9	23°27	2°26	28°22	27°R13	25°29	0♑ 6	18° 1	M20
T 21	18 33 13	8°12'46	13° 5	28° 8	7° 7	13°34	18°47	15° 5	23°25	2°28	28°22	27°12	25°26	0°13	18° 0	T 21
W22	18 37 10	9° 9'56	24°54	0♋13	8°19	14°13	19° 0	15° 1	23°23	2°31	28°22	27° 8	25°22	0°20	18° 0	W22
T 23	18 41 6	10° 7'06	6♑43	2°19	9°32	14°52	19°13	14°57	23°20	2°33	28°22	27° 3	25°19	0°26	17°59	T 23
F 24	18 45 3	11° 4'17	18°35	4°26	10°44	15°31	19°26	14°53	23°18	2°35	28°22	26°56	25°16	0°33	17°58	F 24
S 25	18 48 59	12° 1'28	0♒32	6°34	11°56	16°10	19°40	14°50	23°16	2°37	28°22	26°48	25°13	0°40	17°58	S 25
S 26	18 52 56	12°58'38	12°36	8°43	13° 8	16°49	19°53	14°46	23°13	2°39	28°22	26°40	25°10	0°46	17°57	S 26
M27	18 56 53	13°55'50	24°47	10°53	14°20	17°27	20° 6	14°42	23°11	2°42	28°22	26°32	25° 7	0°53	17°56	M27
T 28	19 0 49	14°53'01	7♓ 9	13° 2	15°32	18° 6	20°20	14°39	23° 8	2°44	28°21	26°25	25° 3	1° 0	17°55	T 28
W29	19 4 46	15°50'14	19°43	15°11	16°44	18°45	20°33	14°35	23° 6	2°46	28°21	26°20	25° 0	1° 7	17°54	W29
T 30	19 8 42	16♋47'26	2♈32	17♋20	17♌56	19♋24	20♋46	14♐32	23♑ 4	2♋48	28♓21	26♉17	24♉57	1♑13	17♓53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 3	12s27	5s 7	16n 7	3s19	24n19	1n27	24n24	0n54	22n58	0n15	21s17	1n32	21s51	0s31	22n29	1s 0	15s38	16s21	19n38	19n25	26s10	0s31	4n37
T 2	23 7	7 5	4 44	16 30	3 11	24 13	1 29	24 24	0 54	22 57	0 15	21 17	1 32	21 52	0 31	22 29	1 0	15 38	16 22	19 38	19 24	26 11	0 30	4 37
F 3	23 12	1 16	4 6	16 53	3 3	24 6	1 30	24 23	0 54	22 55	0 16	21 17	1 31	21 52	0 31	22 29	1 0	15 38	16 22	19 38	19 23	26 12	0 30	4 37
S 4	23 15	4n49	3 13	17 17	2 54	23 58	1 31	24 23	0 55	22 54	0 16	21 16	1 31	21 52	0 32	22 29	1 0	15 39	16 22	19 39	19 23	26 13	0 29	4 37
S 5	23 18	10 52	2 6	17 42	2 44	23 50	1 32	24 23	0 55	22 53	0 16	21 16	1 31	21 53	0 32	22 29	1 0	15 39	16 23	19 39	19 22	26 14	0 29	4 38
M 6	23 21	16 31	0 50	18 7	2 34	23 41	1 34	24 22	0 55	22 51	0 16	21 15	1 31	21 53	0 32	22 29	1 0	15 39	16 23	19 39	19 21	26 15	0 29	4 38
T 7	23 24	21 20	0n31	18 33	2 24	23 32	1 35	24 21	0 56	22 50	0 16	21 15	1 31	21 53	0 32	22 29	1 0	15 39	16 23	19 39	19 20	26 15	0 28	4 38
W 8	23 26	24 49	1 51	18 59	2 14	23 22	1 36	24 20	0 56	22 48	0 16	21 15	1 31	21 54	0 32	22 29	1 0	15 39	16 24	19 39	19 20	26 16	0 28	4 38
T 9	23 27	26 31	3 4	19 25	2 3	23 11	1 37	24 19	0 56	22 47	0 16	21 14	1 31	21 54	0 32	22 29	1 0	15 40	16 24	19 38	19 19	26 17	0 28	4 38
F 10	23 29	26 14	4 4	19 51	1 51	22 59	1 38	24 17	0 57	22 45	0 16	21 14	1 31	21 55	0 32	22 29	1 0	15 40	16 24	19 38	19 18	26 18	0 28	4 39
S 11	23 29	24 2	4 46	20 18	1 40	22 47	1 38	24 15	0 57	22 44	0 16	21 14	1 31	21 55	0 32	22 29	1 0	15 40	16 25	19 37	19 17	26 19	0 28	4 39
S 12	23 30	20 17	5 9	20 43	1 28	22 34	1 39	24 13	0 57	22 42	0 16	21 13	1 31	21 55	0 32	22 29	1 0	15 40	16 25	19 36	19 17	26 19	0 27	4 39
M13	23 30	15 27	5 11	21 8	1 16	22 21	1 40	24 11	0 58	22 41	0 16	21 13	1 30	21 56	0 32	22 29	1 0	15 41	16 26	19 35	19 16	26 20	0 27	4 39
T 14	23 29	9 58	4 55	21 33	1 4	22 7	1 40	24 9	0 58	22 39	0 16	21 13	1 30	21 56	0 32	22 29	1 0	15 41	16 26	19 34	19 15	26 21	0 27	4 39
W15	23 28	4 12	4 24	21 56	0 52	21 52	1 41	24 7	0 58	22 38	0 16	21 12	1 30	21 57	0 32	22 29	1 0	15 41	16 26	19 34	19 14	26 22	0 27	4 40
T 16	23 27	1s33	3 40	22 19	0 40	21 37	1 41	24 4	0 58	22 36	0 17	21 12	1 30	21 57	0 32	22 29	1 0	15 42	16 27	19 34	19 14	26 23	0 27	4 40
F 17	23 25	7 7	2 47	22 40	0 28	21 21	1 42	24 1	0 59	22 34	0 17	21 12	1 30	21 57	0 32	22 29	1 0	15 42	16 27	19 34	19 13	26 23	0 27	4 40
S 18	23 23	12 17	1 47	22 59	0 16	21 4	1 42	23 58	0 59	22 33	0 17	21 11	1 30	21 58	0 32	22 29	1 0	15 42	16 27	19 35	19 12	26 24	0 27	4 40
S 19	23 21	16 55	0 43	23 17	0 5	20 47	1 42	23 55	0 59	22 31	0 17	21 11	1 30	21 58	0 32	22 28	1 0	15 43	16 28	19 35	19 11	26 25	0 27	4 40
M20	23 18	20 49	0s22	23 33	0n 7	20 30	1 42	23 51	0 59	22 29	0 17	21 11	1 30	21 59	0 32	22 28	1 0	15 43	16 28	19 35	19 11	26 25	0 27	4 41
T 21	23 14	23 50	1 25	23 47	0 18	20 11	1 43	23 48	1 0	22 27	0 17	21 11	1 29	21 59	0 32	22 28	1 0	15 43	16 29	19 35	19 10	26 26	0 27	4 41
W22	23 11	25 48	2 24	23 58	0 28	19 53	1 43	23 44	1 0	22 26	0 17	21 10	1 29	21 59	0 32	22 28	1 0	15 44	16 29	19 34	19 9	26 27	0 27	4 41
T 23	23 7	26 37	3 17	24 7	0 38	19 33	1 43	23 40	1 0	22 24	0 17	21 10	1 29	22 0	0 32	22 28	1 0	15 44	16 29	19 33	19 8	26 28	0 27	4 41
F 24	23 2	26 12	4 2	24 13	0 48	19 14	1 42	23 36	1 1	22 22	0 17	21 10	1 29	22 0	0 32	22 28	1 0	15 44	16 30	19 31	19 8	26 28	0 27	4 41
S 25	22 57	24 34	4 36	24 17	0 57	18 53	1 42	23 31	1 1	22 20	0 17	21 9	1 29	22 1	0 32	22 28	1 0	15 45	16 30	19 29	19 7	26 29	0 27	4 42
S 26	22 52	21 50	4 58	24 18	1 5	18 32	1 42	23 27	1 1	22 18	0 17	21 9	1 29	22 1	0 32	22 28	1 0	15 45	16 30	19 27	19 6	26 30	0 27	4 42
M27	22 46	18 7	5 7	24 16	1 13	18 11	1 41	23 22	1 1	22 16	0 17	21 9	1 29	22 1	0 32	22 28	1 0	15 46	16 31	19 26	19 5	26 30	0 27	4 42
T 28	22 40	13 35	5 2	24 11	1 20	17 49	1 41	23 17	1 1	22 15	0 18	21 9	1 28	22 2	0 32	22 28	1 0	15 46	16 31	19 24	19 5	26 31	0 27	4 42
W29	22 33	8 25	4 42	24 3	1 26	17 27	1 40	23 12	1 2	22 13	0 18	21 8	1 28	22 2	0 32	22 28	1 0	15 46	16 32	19 23	19 4	26 32	0 27	4 42
T 30	22n26	2s47	4s 8	23n53	1n31	17n 5	1n40	23n 7	1n 2	22n11	0n18	21s 8	1n28	22s 3	0s32	22n28	1s 0	15s47	16s32	19n22	19n 3	26s32	0s28	4n43

Julian Day Number = 2296477.5, Delta T = 128.30 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'55, Lahiri = 17°55'56 Julian Calendar 1 June 1575 == Greg. Calendar 11 June 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

JULY 1575 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 12 39	17♋44'40	15♈39	19♋27	19♌ 8	20♋ 3	21♋ 0	14°R29	23°R 1	2♋50	28°R21	26°D16	24♉54	1♑20	17°R52	F 1
S 2	19 16 35	18°41'54	29° 7	21°34	20°19	20°42	21°13	14♐25	22♑59	2°53	28♓20	26♉16	24°51	1°27	17♓51	S 2
S 3	19 20 32	19°39'09	12♉57	23°40	21°31	21°20	21°27	14°22	22°57	2°55	28°20	26°17	24°47	1°33	17°50	S 3
M 4	19 24 28	20°36'25	27°12	25°45	22°43	21°59	21°40	14°19	22°54	2°57	28°20	26°R18	24°44	1°40	17°49	M 4
T 5	19 28 25	21°33'41	11♊49	27°49	23°55	22°38	21°53	14°16	22°52	2°59	28°20	26°17	24°41	1°47	17°48	T 5
W 6	19 32 22	22°30'59	26°45	29°51	25° 6	23°17	22° 7	14°13	22°49	3° 1	28°19	26°14	24°38	1°53	17°47	W 6
T 7	19 36 18	23°28'17	11♋52	1♌51	26°18	23°55	22°20	14°10	22°47	3° 3	28°19	26° 8	24°35	2° 0	17°45	T 7
F 8	19 40 15	24°25'35	27° 2	3°50	27°30	24°34	22°33	14° 7	22°44	3° 5	28°18	26° 1	24°32	2° 7	17°44	F 8
S 9	19 44 11	25°22'55	12♌ 4	5°47	28°41	25°13	22°47	14° 4	22°42	3° 8	28°18	25°52	24°28	2°13	17°42	S 9
S 10	19 48 8	26°20'15	26°49	7°43	29°53	25°51	23° 0	14° 2	22°40	3°10	28°18	25°43	24°25	2°20	17°41	S 10
M11	19 52 4	27°17'35	11♍10	9°37	1♍ 4	26°30	23°14	13°59	22°37	3°12	28°17	25°35	24°22	2°27	17°39	M11
T 12	19 56 1	28°14'56	25° 2	11°29	2°16	27° 9	23°27	13°57	22°35	3°14	28°17	25°29	24°19	2°33	17°38	T 12
W13	19 59 58	29°12'17	8♎25	13°20	3°27	27°47	23°40	13°54	22°32	3°16	28°16	25°25	24°16	2°40	17°36	W13
T 14	20 3 54	0♌ 9'39	21°21	15° 8	4°38	28°26	23°54	13°52	22°30	3°18	28°16	25°23	24°13	2°47	17°35	T 14
F 15	20 7 51	1° 7'01	3♏54	16°56	5°50	29° 4	24° 7	13°49	22°28	3°20	28°15	25°D23	24° 9	2°53	17°33	F 15
S 16	20 11 47	2° 4'24	16° 8	18°41	7° 1	29°43	24°20	13°47	22°25	3°22	28°14	25°23	24° 6	3° 0	17°31	S 16
S 17	20 15 44	3° 1'48	28° 8	20°25	8°12	0♌21	24°33	13°45	22°23	3°24	28°14	25°R23	24° 3	3° 7	17°29	S 17
M18	20 19 40	3°59'12	10♐ 0	22° 7	9°23	1° 0	24°47	13°43	22°21	3°26	28°13	25°22	24° 0	3°13	17°28	M18
T 19	20 23 37	4°56'37	21°49	23°48	10°34	1°39	25° 0	13°41	22°18	3°28	28°13	25°19	23°57	3°20	17°26	T 19
W20	20 27 33	5°54'03	3♑38	25°27	11°45	2°17	25°13	13°39	22°16	3°30	28°12	25°14	23°53	3°27	17°24	W20
T 21	20 31 30	6°51'30	15°30	27° 4	12°56	2°55	25°26	13°37	22°14	3°32	28°11	25° 5	23°50	3°33	17°22	T 21
F 22	20 35 27	7°48'57	27°28	28°39	14° 7	3°34	25°40	13°36	22°11	3°34	28°11	24°55	23°47	3°40	17°20	F 22
S 23	20 39 23	8°46'26	9♒34	0♍13	15°18	4°12	25°53	13°34	22° 9	3°36	28°10	24°42	23°44	3°47	17°18	S 23
S 24	20 43 20	9°43'56	21°49	1°46	16°29	4°51	26° 6	13°33	22° 7	3°38	28° 9	24°30	23°41	3°53	17°16	S 24
M25	20 47 16	10°41'27	4♓13	3°17	17°39	5°29	26°19	13°31	22° 5	3°39	28° 9	24°17	23°38	4° 0	17°14	M25
T 26	20 51 13	11°38'58	16°48	4°46	18°50	6° 8	26°32	13°30	22° 2	3°41	28° 8	24° 6	23°34	4° 7	17°11	T 26
W27	20 55 9	12°36'32	29°33	6°13	20° 1	6°46	26°45	13°29	22° 0	3°43	28° 7	23°58	23°31	4°13	17° 9	W27
T 28	20 59 6	13°34'06	12♈31	7°39	21°11	7°24	26°58	13°27	21°58	3°45	28° 6	23°52	23°28	4°20	17° 7	T 28
F 29	21 3 2	14°31'43	25°42	9° 3	22°22	8° 3	27°12	13°26	21°56	3°47	28° 5	23°49	23°25	4°27	17° 5	F 29
S 30	21 6 59	15°29'20	9♉ 9	10°25	23°32	8°41	27°25	13°25	21°54	3°48	28° 5	23°48	23°22	4°33	17° 2	S 30
S 31	21 10 55	16♌27'00	22♉54	11♍45	24♍42	9♌19	27♋38	13♐25	21♑52	3♋50	28♓ 4	23♉48	23♉19	4♑40	17♓ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n19	3n 5	3s21	23n40	1n36	16n41	1n39	23n 1	1n 2	22n 9	0n18	21s 8	1n28	22s 3	0s32	22n28	1s 0	15s47	16s32	19n22	19n 2	26s33	0s28	4n43
S 2	22 11	8 59	2 21	23 25	1 40	16 18	1 38	22 56	1 2	22 7	0 18	21 8	1 28	22 3	0 32	22 28	1 0	15 48	16 33	19 22	19 1	26 34	0 28	4 43
S 3	22 3	14 38	1 11	23 7	1 43	15 54	1 37	22 50	1 3	22 5	0 18	21 8	1 28	22 4	0 32	22 28	1 0	15 48	16 33	19 22	19 1	26 34	0 28	4 43
M 4	21 55	19 39	0n 5	22 46	1 46	15 30	1 36	22 44	1 3	22 3	0 18	21 7	1 28	22 4	0 32	22 28	1 0	15 49	16 33	19 22	19 0	26 35	0 29	4 43
T 5	21 46	23 37	1 22	22 24	1 47	15 5	1 35	22 38	1 3	22 1	0 18	21 7	1 27	22 5	0 32	22 28	1 0	15 49	16 34	19 22	18 59	26 36	0 29	4 43
W 6	21 37	26 3	2 36	22 0	1 48	14 40	1 34	22 31	1 3	21 59	0 18	21 7	1 27	22 5	0 32	22 28	1 0	15 50	16 34	19 21	18 58	26 36	0 29	4 44
T 7	21 27	26 36	3 39	21 34	1 49	14 14	1 33	22 25	1 4	21 57	0 18	21 7	1 27	22 6	0 32	22 28	1 0	15 50	16 34	19 20	18 58	26 37	0 30	4 44
F 8	21 17	25 10	4 27	21 6	1 48	13 48	1 32	22 18	1 4	21 54	0 18	21 7	1 27	22 6	0 32	22 28	1 0	15 50	16 35	19 18	18 57	26 37	0 30	4 44
S 9	21 7	21 56	4 56	20 36	1 47	13 22	1 30	22 12	1 4	21 52	0 19	21 7	1 27	22 6	0 32	22 28	1 0	15 51	16 35	19 16	18 56	26 38	0 31	4 44
S 10	20 56	17 22	5 4	20 5	1 46	12 56	1 29	22 5	1 4	21 50	0 19	21 6	1 26	22 7	0 32	22 28	1 0	15 51	16 35	19 14	18 55	26 38	0 31	4 44
M11	20 45	11 55	4 53	19 33	1 43	12 29	1 27	21 57	1 4	21 48	0 19	21 6	1 26	22 7	0 32	22 27	1 0	15 52	16 36	19 12	18 54	26 39	0 31	4 44
T 12	20 34	6 2	4 25	18 59	1 41	12 2	1 26	21 50	1 5	21 46	0 19	21 6	1 26	22 8	0 32	22 27	1 0	15 52	16 36	19 11	18 54	26 40	0 32	4 45
W13	20 22	0 4	3 43	18 25	1 37	11 34	1 24	21 43	1 5	21 44	0 19	21 6	1 26	22 8	0 32	22 27	1 0	15 53	16 36	19 10	18 53	26 40	0 32	4 45
T 14	20 10	5s42	2 51	17 49	1 34	11 6	1 22	21 35	1 5	21 41	0 19	21 6	1 26	22 8	0 32	22 27	1 0	15 53	16 37	19 9	18 52	26 41	0 33	4 45
F 15	19 57	11 5	1 52	17 13	1 29	10 38	1 20	21 27	1 5	21 39	0 19	21 6	1 26	22 9	0 32	22 27	1 0	15 54	16 37	19 9	18 51	26 41	0 33	4 45
S 16	19 45	15 55	0 49	16 36	1 25	10 10	1 18	21 19	1 5	21 37	0 19	21 6	1 25	22 9	0 32	22 27	1 0	15 54	16 37	19 9	18 51	26 42	0 34	4 45
S 17	19 32	20 2	0s15	15 58	1 19	9 42	1 16	21 11	1 6	21 35	0 19	21 6	1 25	22 10	0 32	22 27	1 0	15 55	16 38	19 9	18 50	26 42	0 35	4 45
M18	19 18	23 16	1 17	15 20	1 14	9 13	1 14	21 3	1 6	21 32	0 19	21 6	1 25	22 10	0 32	22 27	1 0	15 55	16 38	19 9	18 49	26 43	0 35	4 45
T 19	19 4	25 30	2 16	14 41	1 8	8 44	1 12	20 55	1 6	21 30	0 20	21 6	1 25	22 10	0 32	22 27	1 0	15 56	16 38	19 8	18 48	26 43	0 36	4 46
W20	18 50	26 35	3 8	14 2	1 1	8 15	1 10	20 46	1 6	21 28	0 20	21 6	1 25	22 11	0 32	22 27	1 0	15 57	16 39	19 7	18 47	26 44	0 36	4 46
T 21	18 36	26 27	3 53	13 23	0 55	7 45	1 7	20 38	1 6	21 25	0 20	21 6	1 24	22 11	0 32	22 27	1 0	15 57	16 39	19 5	18 47	26 44	0 37	4 46
F 22	18 21	25 5	4 28	12 43	0 48	7 16	1 5	20 29	1 6	21 23	0 20	21 5	1 24	22 11	0 32	22 27	1 0	15 58	16 39	19 2	18 46	26 45	0 38	4 46
S 23	18 7	22 34	4 51	12 3	0 40	6 46	1 3	20 20	1 7	21 21	0 20	21 5	1 24	22 12	0 32	22 27	1 0	15 58	16 40	18 59	18 45	26 45	0 38	4 46
S 24	17 51	19 0	5 0	11 23	0 33	6 16	1 0	20 11	1 7	21 18	0 20	21 5	1 24	22 12	0 32	22 27	1 0	15 59	16 40	18 56	18 44	26 46	0 39	4 46
M25	17 36	14 35	4 56	10 43	0 25	5 46	0 57	20 1	1 7	21 16	0 20	21 6	1 24	22 13	0 32	22 27	1 0	15 59	16 40	18 53	18 43	26 46	0 40	4 46
T 26	17 20	9 29	4 38	10 3	0 17	5 16	0 55	19 52	1 7	21 14	0 20	21 6	1 24	22 13	0 32	22 27	1 0	16 0	16 40	18 51	18 43	26 47	0 41	4 46
W27	17 4	3 56	4 5	9 23	0 8	4 46	0 52	19 43	1 7	21 11	0 20	21 6	1 23	22 13	0 32	22 27	1 0	16 0	16 41	18 49	18 42	26 47	0 41	4 46
T 28	16 47	1n53	3 20	8 43	0s 0	4 15	0 49	19 33	1 7	21 9	0 20	21 6	1 23	22 14	0 32	22 26	1 0	16 1	16 41	18 47	18 41	26 48	0 42	4 47
F 29	16 31	7 44	2 23	8 3	0 9	3 45	0 46	19 23	1 8	21 6	0 21	21 6	1 23	22 14	0 32	22 26	1 0	16 2	16 41	18 46	18 40	26 48	0 43	4 47
S 30	16 14	13 22	1 17	7 24	0 18	3 14	0 43	19 13	1 8	21 4	0 21	21 6	1 23	22 14	0 32	22 26	1 0	16 2	16 41	18 46	18 39	26 49	0 44	4 47
S 31	15n57	18n28	0s 5	6n45	0s27	2n43	0n40	19n 3	1n 8	21n 1	0n21	21s 6	1n23	22s15	0s32	22n26	1s 0	16s 3	16s42	18n46	18n39	26s49	0s45	4n47

Julian Day Number = 2296507.5, Delta T = 128.15 sec
Ecliptic obliquity = 23°29'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°48'59, Lahiri = 17°56'00 Julian Calendar 1 July 1575 == Greg. Calendar 11 July 1575

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1575
geocentric

AUGUST 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 14 52	17♌24'41	6♊57	13♍ 4	25♍53	9♌58	27♋50	13°R24	21°R49	3♋52	28°R 3	23°R48	23♉15	4♑47	16°R58	M 1
T 2	21 18 49	18°22'23	21°18	14°21	27° 3	10°36	28° 3	13♐23	21♑47	3°54	28♓ 2	23♉46	23°12	4°54	16♓55	T 2
W 3	21 22 45	19°20'08	5♋56	15°36	28°13	11°14	28°16	13°22	21°45	3°55	28° 1	23°42	23° 9	5° 0	16°53	W 3
T 4	21 26 42	20°17'54	20°45	16°49	29°23	11°53	28°29	13°22	21°43	3°57	28° 0	23°35	23° 6	5° 7	16°50	T 4
F 5	21 30 38	21°15'41	5♌39	18° 0	0♎33	12°31	28°42	13°22	21°41	3°59	27°59	23°25	23° 3	5°14	16°48	F 5
S 6	21 34 35	22°13'30	20°29	19° 9	1°43	13° 9	28°55	13°21	21°39	4° 0	27°59	23°14	22°59	5°20	16°45	S 6
S 7	21 38 31	23°11'20	5♍ 7	20°15	2°53	13°47	29° 8	13°21	21°37	4° 2	27°58	23° 3	22°56	5°27	16°43	S 7
M 8	21 42 28	24° 9'12	19°24	21°20	4° 3	14°26	29°20	13°21	21°35	4° 4	27°57	22°52	22°53	5°34	16°40	M 8
T 9	21 46 25	25° 7'05	3♎16	22°22	5°12	15° 4	29°33	13°D21	21°34	4° 5	27°56	22°44	22°50	5°40	16°38	T 9
W10	21 50 21	26° 4'59	16°40	23°21	6°22	15°42	29°46	13°21	21°32	4° 7	27°55	22°37	22°47	5°47	16°35	W10
T 11	21 54 18	27° 2'55	29°38	24°18	7°31	16°20	29°58	13°21	21°30	4° 8	27°54	22°34	22°44	5°54	16°32	T 11
F 12	21 58 14	28° 0'52	12♏13	25°11	8°41	16°59	0♌11	13°22	21°28	4°10	27°53	22°33	22°40	6° 0	16°30	F 12
S 13	22 2 11	28°58'50	24°28	26° 2	9°50	17°37	0°23	13°22	21°26	4°11	27°52	22°32	22°37	6° 7	16°27	S 13
S 14	22 6 7	29°56'50	6♐29	26°50	11° 0	18°15	0°36	13°22	21°25	4°13	27°51	22°32	22°34	6°14	16°24	S 14
M15	22 10 4	0♍54'51	18°22	27°34	12° 9	18°53	0°48	13°23	21°23	4°14	27°50	22°31	22°31	6°20	16°22	M15
T 16	22 14 0	1°52'53	0♑11	28°14	13°18	19°31	1° 0	13°24	21°21	4°15	27°49	22°28	22°28	6°27	16°19	T 16
W17	22 17 57	2°50'57	12° 2	28°51	14°27	20° 9	1°13	13°24	21°20	4°17	27°48	22°23	22°25	6°34	16°16	W17
T 18	22 21 54	3°49'03	23°58	29°24	15°36	20°48	1°25	13°25	21°18	4°18	27°47	22°15	22°21	6°40	16°13	T 18
F 19	22 25 50	4°47'09	6♒ 3	29°52	16°45	21°26	1°37	13°26	21°17	4°19	27°45	22° 4	22°18	6°47	16°11	F 19
S 20	22 29 47	5°45'18	18°19	0♎15	17°53	22° 4	1°49	13°27	21°15	4°21	27°44	21°52	22°15	6°54	16° 8	S 20
S 21	22 33 43	6°43'28	0♓47	0°34	19° 2	22°42	2° 1	13°28	21°14	4°22	27°43	21°39	22°12	7° 0	16° 5	S 21
M22	22 37 40	7°41'40	13°28	0°47	20°10	23°20	2°13	13°30	21°12	4°23	27°42	21°27	22° 9	7° 7	16° 2	M22
T 23	22 41 36	8°39'53	26°21	0°54	21°19	23°58	2°25	13°31	21°11	4°24	27°41	21°16	22° 5	7°14	15°59	T 23
W24	22 45 33	9°38'09	9♈25	0°R56	22°27	24°36	2°37	13°32	21° 9	4°25	27°40	21° 8	22° 2	7°21	15°57	W24
T 25	22 49 29	10°36'26	22°41	0°52	23°35	25°14	2°49	13°34	21° 8	4°27	27°39	21° 2	21°59	7°27	15°54	T 25
F 26	22 53 26	11°34'45	6♉ 7	0°41	24°43	25°52	3° 1	13°36	21° 7	4°28	27°38	20°59	21°56	7°34	15°51	F 26
S 27	22 57 22	12°33'07	19°44	0°23	25°51	26°30	3°12	13°37	21° 6	4°29	27°37	20°D58	21°53	7°41	15°48	S 27
S 28	23 1 19	13°31'31	3♊32	29♍59	26°59	27° 9	3°24	13°39	21° 5	4°30	27°35	20°58	21°50	7°47	15°45	S 28
M29	23 5 16	14°29'57	17°31	29°29	28° 7	27°47	3°36	13°41	21° 3	4°31	27°34	20°R59	21°46	7°54	15°42	M29
T 30	23 9 12	15°28'25	1♋41	28°51	29°14	28°25	3°47	13°43	21° 2	4°32	27°33	20°57	21°43	8° 1	15°40	T 30
W31	23 13 9	16♍26'55	16♋ 1	28♍ 8	0♏22	29♌ 3	3♌58	13♐45	21♑ 1	4♋33	27♓32	20♉54	21♉40	8♑ 7	15♓37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n39	22n39	1n 9	6n 6	0s37	2n12	0n37	18n53	1n 8	20n59	0n21	21s 6	1n22	22s15	0s32	22n26	1s 0	16s 3	16s42	18n46	18n38	26s49	0s45	4n47
T 2	15 21	25 32	2 20	5 28	0 46	1 41	0 34	18 43	1 8	20 57	0 21	21 6	1 22	22 15	0 32	22 26	1 0	16 4	16 42	18 46	18 37	26 50	0 46	4 47
W 3	15 3	26 44	3 23	4 50	0 56	1 10	0 30	18 32	1 8	20 54	0 21	21 6	1 22	22 16	0 32	22 26	1 0	16 4	16 43	18 44	18 36	26 50	0 47	4 47
T 4	14 45	26 3	4 13	4 13	1 5	0 39	0 27	18 22	1 8	20 52	0 21	21 6	1 22	22 16	0 32	22 26	1 0	16 5	16 43	18 43	18 35	26 51	0 48	4 47
F 5	14 27	23 31	4 46	3 36	1 15	0 8	0 24	18 11	1 9	20 49	0 21	21 6	1 22	22 16	0 32	22 26	1 0	16 6	16 43	18 40	18 35	26 51	0 49	4 47
S 6	14 8	19 26	5 0	3 0	1 25	0s23	0 20	18 0	1 9	20 47	0 21	21 7	1 21	22 17	0 32	22 26	1 0	16 6	16 43	18 38	18 34	26 51	0 50	4 47
S 7	13 49	14 12	4 54	2 25	1 35	0 54	0 17	17 49	1 9	20 44	0 22	21 7	1 21	22 17	0 32	22 26	1 0	16 7	16 43	18 35	18 33	26 52	0 51	4 47
M 8	13 30	8 20	4 29	1 51	1 45	1 25	0 13	17 38	1 9	20 41	0 22	21 7	1 21	22 17	0 32	22 26	1 0	16 7	16 44	18 32	18 32	26 52	0 52	4 47
T 9	13 11	2 12	3 49	1 17	1 55	1 56	0 9	17 27	1 9	20 39	0 22	21 7	1 21	22 17	0 32	22 26	1 0	16 8	16 44	18 30	18 31	26 52	0 53	4 47
W10	12 51	3s50	2 57	0 44	2 4	2 27	0 6	17 16	1 9	20 36	0 22	21 7	1 21	22 18	0 32	22 26	1 0	16 8	16 44	18 28	18 31	26 53	0 54	4 47
T 11	12 31	9 32	1 58	0 13	2 14	2 58	0 2	17 5	1 9	20 34	0 22	21 8	1 20	22 18	0 32	22 26	1 0	16 9	16 44	18 27	18 30	26 53	0 55	4 47
F 12	12 12	14 40	0 54	0s17	2 24	3 29	0s 2	16 53	1 9	20 31	0 22	21 8	1 20	22 18	0 32	22 26	1 0	16 10	16 45	18 27	18 29	26 53	0 56	4 47
S 13	11 51	19 6	0s10	0 46	2 34	4 0	0 6	16 42	1 10	20 29	0 22	21 8	1 20	22 19	0 32	22 25	1 0	16 10	16 45	18 27	18 28	26 54	0 57	4 47
S 14	11 31	22 39	1 13	1 14	2 43	4 31	0 10	16 30	1 10	20 26	0 22	21 8	1 20	22 19	0 32	22 25	1 0	16 11	16 45	18 27	18 27	26 54	0 58	4 47
M15	11 11	25 11	2 12	1 40	2 53	5 1	0 14	16 18	1 10	20 24	0 22	21 9	1 20	22 19	0 32	22 25	1 0	16 11	16 45	18 27	18 27	26 54	0 59	4 47
T 16	10 50	26 35	3 5	2 5	3 2	5 32	0 18	16 6	1 10	20 21	0 23	21 9	1 19	22 19	0 32	22 25	1 0	16 12	16 45	18 26	18 26	26 55	1 0	4 48
W17	10 29	26 46	3 50	2 28	3 11	6 3	0 22	15 54	1 10	20 18	0 23	21 9	1 19	22 20	0 32	22 25	1 0	16 12	16 45	18 25	18 25	26 55	1 1	4 48
T 18	10 8	25 43	4 25	2 49	3 20	6 33	0 26	15 42	1 10	20 16	0 23	21 10	1 19	22 20	0 32	22 25	1 0	16 13	16 46	18 22	18 24	26 55	1 2	4 48
F 19	9 47	23 28	4 49	3 7	3 28	7 3	0 30	15 30	1 10	20 13	0 23	21 10	1 19	22 20	0 32	22 25	1 0	16 14	16 46	18 20	18 23	26 56	1 3	4 47
S 20	9 25	20 8	5 0	3 24	3 36	7 33	0 34	15 18	1 10	20 11	0 23	21 10	1 19	22 20	0 32	22 25	1 0	16 14	16 46	18 17	18 23	26 56	1 4	4 47
S 21	9 4	15 51	4 57	3 38	3 43	8 4	0 38	15 5	1 10	20 8	0 23	21 11	1 18	22 20	0 32	22 25	1 0	16 15	16 46	18 13	18 22	26 56	1 5	4 47
M22	8 42	10 48	4 39	3 49	3 50	8 33	0 42	14 53	1 10	20 5	0 23	21 11	1 18	22 21	0 32	22 25	1 1	16 15	16 46	18 10	18 21	26 56	1 6	4 47
T 23	8 20	5 14	4 7	3 58	3 56	9 3	0 47	14 40	1 11	20 3	0 23	21 11	1 18	22 21	0 32	22 25	1 1	16 16	16 46	18 7	18 20	26 57	1 7	4 47
W24	7 58	0n39	3 21	4 3	4 1	9 33	0 51	14 28	1 11	20 0	0 24	21 12	1 18	22 21	0 32	22 25	1 1	16 16	16 47	18 5	18 19	26 57	1 8	4 47
T 25	7 36	6 37	2 24	4 5	4 5	10 2	0 55	14 15	1 11	19 58	0 24	21 12	1 18	22 21	0 32	22 25	1 1	16 17	16 47	18 3	18 18	26 57	1 10	4 47
F 26	7 14	12 22	1 18	4 4	4 8	10 31	1 0	14 2	1 11	19 55	0 24	21 12	1 17	22 21	0 32	22 25	1 1	16 18	16 47	18 3	18 18	26 57	1 11	4 47
S 27	6 52	17 36	0 7	3 59	4 10	11 0	1 4	13 49	1 11	19 53	0 24	21 13	1 17	22 22	0 32	22 25	1 1	16 18	16 47	18 2	18 17	26 58	1 12	4 47
S 28	6 30	22 0	1n 6	3 50	4 11	11 29	1 8	13 36	1 11	19 50	0 24	21 13	1 17	22 22	0 32	22 25	1 1	16 19	16 47	18 3	18 16	26 58	1 13	4 47
M29	6 7	25 10	2 16	3 37	4 10	11 58	1 13	13 23	1 11	19 47	0 24	21 14	1 17	22 22	0 32	22 25	1 1	16 19	16 47	18 3	18 15	26 58	1 14	4 47
T 30	5 44	26 48	3 19	3 19	4 7	12 26	1 17	13 10	1 11	19 45	0 24	21 14	1 17	22 22	0 32	22 24	1 1	16 20	16 47	18 2	18 14	26 58	1 15	4 47
W31	5n22	26n40	4n10	2s58	4s 3	12s54	1s22	12n57	1n11	19n42	0n25	21s14	1n16	22s22	0s32	22n24	1s 1	16s20	16s47	18n 1	18n13	26s58	1s17	4n47

Julian Day Number = 2296538.5, Delta T = 127.99 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'04, Lahiri = 17°56'04 Julian Calendar 1 Aug. 1575 == Greg. Calendar 11 Aug. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

SEPTEMBER 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 17 5	17♍25'28	0♌28	27°R18	1♏29	29♌41	4♌10	13♐47	21°R 0	4♋34	27°R31	20°R49	21♉37	8♂14	15°R34	T 1
F 2	23 21 2	18°24'03	14°57	26♍23	2°36	0♍19	4°21	13°50	20♂59	4°35	27♓30	20♉41	21°34	8°21	15♓31	F 2
S 3	23 24 58	19°22'40	29°23	25°24	3°43	0°57	4°32	13°52	20°58	4°35	27°28	20°31	21°31	8°27	15°28	S 3
S 4	23 28 55	20°21'18	13♍39	24°22	4°50	1°35	4°43	13°55	20°58	4°36	27°27	20°22	21°27	8°34	15°25	S 4
M 5	23 32 51	21°19'59	27°40	23°18	5°57	2°13	4°54	13°57	20°57	4°37	27°26	20°12	21°24	8°41	15°22	M 5
T 6	23 36 48	22°18'42	11♎21	22°13	7° 4	2°51	5° 5	14° 0	20°56	4°38	27°25	20° 5	21°21	8°47	15°20	T 6
W 7	23 40 45	23°17'26	24°39	21°10	8°10	3°29	5°16	14° 2	20°55	4°39	27°24	20° 0	21°18	8°54	15°17	W 7
T 8	23 44 41	24°16'13	7♏34	20° 9	9°17	4° 7	5°27	14° 5	20°55	4°39	27°22	19°57	21°15	9° 1	15°14	T 8
F 9	23 48 38	25°15'01	20° 8	19°13	10°23	4°45	5°38	14° 8	20°54	4°40	27°21	19°D56	21°11	9° 7	15°11	F 9
S 10	23 52 34	26°13'51	2♐24	18°22	11°29	5°23	5°48	14°11	20°53	4°41	27°20	19°57	21° 8	9°14	15° 8	S 10
S 11	23 56 31	27°12'43	14°27	17°38	12°35	6° 1	5°59	14°14	20°53	4°41	27°19	19°58	21° 5	9°21	15° 6	S 11
M12	0 0 27	28°11'36	26°21	17° 3	13°40	6°39	6° 9	14°17	20°52	4°42	27°18	19°R58	21° 2	9°28	15° 3	M12
T 13	0 4 24	29°10'32	8♑11	16°37	14°46	7°17	6°20	14°21	20°52	4°42	27°17	19°58	20°59	9°34	15° 0	T 13
W14	0 8 20	0♒ 9'29	20° 4	16°21	15°51	7°55	6°30	14°24	20°52	4°43	27°15	19°56	20°56	9°41	14°57	W14
T 15	0 12 17	1° 8'28	2♓ 2	16°D15	16°56	8°33	6°40	14°27	20°51	4°43	27°14	19°51	20°52	9°48	14°55	T 15
F 16	0 16 14	2° 7'29	14°12	16°20	18° 1	9°11	6°50	14°31	20°51	4°44	27°13	19°45	20°49	9°54	14°52	F 16
S 17	0 20 10	3° 6'31	26°35	16°34	19° 6	9°49	7° 0	14°35	20°51	4°44	27°12	19°38	20°46	10° 1	14°49	S 17
S 18	0 24 7	4° 5'36	9♓14	16°59	20°10	10°27	7°10	14°38	20°51	4°45	27°11	19°29	20°43	10° 8	14°47	S 18
M19	0 28 3	5° 4'42	22°10	17°34	21°14	11° 5	7°20	14°42	20°50	4°45	27° 9	19°21	20°40	10°14	14°44	M19
T 20	0 32 0	6° 3'50	5♈23	18°17	22°18	11°43	7°29	14°46	20°50	4°45	27° 8	19°14	20°36	10°21	14°41	T 20
W21	0 35 56	7° 3'01	18°50	19° 9	23°22	12°20	7°39	14°50	20°D50	4°45	27° 7	19° 9	20°33	10°28	14°39	W21
T 22	0 39 53	8° 2'13	2♉30	20° 8	24°26	12°58	7°48	14°54	20°50	4°46	27° 6	19° 6	20°30	10°34	14°36	T 22
F 23	0 43 49	9° 1'28	16°20	21°14	25°29	13°36	7°58	14°58	20°50	4°46	27° 5	19°D 5	20°27	10°41	14°34	F 23
S 24	0 47 46	10° 0'45	0♊18	22°27	26°32	14°14	8° 7	15° 2	20°50	4°46	27° 4	19° 5	20°24	10°48	14°31	S 24
S 25	0 51 43	11° 0'04	14°22	23°44	27°35	14°52	8°16	15° 6	20°51	4°46	27° 2	19° 6	20°21	10°55	14°29	S 25
M26	0 55 39	11°59'26	28°29	25° 7	28°37	15°30	8°25	15°11	20°51	4°46	27° 1	19° 8	20°17	11° 1	14°26	M26
T 27	0 59 36	12°58'50	12♋39	26°33	29°40	16° 8	8°34	15°15	20°51	4°46	27° 0	19°R 8	20°14	11° 8	14°24	T 27
W28	1 3 32	13°58'17	26°49	28° 3	0♐42	16°46	8°43	15°19	20°51	4°46	26°59	19° 8	20°11	11°15	14°21	W28
T 29	1 7 29	14°57'45	10♌58	29°36	1°43	17°24	8°51	15°24	20°52	4°R46	26°58	19° 5	20° 8	11°21	14°19	T 29
F 30	1 11 25	15♎57'17	25♌ 3	1♎11	2♐44	18♍ 2	9♌ 0	15♐28	20♂52	4♋46	26♓57	19♉ 2	20♉ 5	11♂28	14♓17	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n59	24n44	4n45	2s33	3s57	13s22	1s26	12n43	1n11	19n40	0n25	21s15	1n16	22s22	0s32	22n24	1s 1	16s21	16s47	18n 0	18n13	26s59	1s18	4n47
F 2	4 36	21 12	5 2	2 4	3 49	13 49	1 30	12 30	1 11	19 37	0 25	21 15	1 16	22 22	0 32	22 24	1 1	16 21	16 47	17 58	18 12	26 59	1 19	4 47
S 3	4 13	16 24	5 0	1 32	3 39	14 16	1 35	12 16	1 11	19 35	0 25	21 16	1 16	22 23	0 32	22 24	1 1	16 22	16 47	17 55	18 11	26 59	1 20	4 47
S 4	3 50	10 44	4 39	0 56	3 28	14 43	1 39	12 3	1 11	19 32	0 25	21 16	1 16	22 23	0 32	22 24	1 1	16 22	16 48	17 53	18 10	26 59	1 21	4 47
M 5	3 27	4 38	4 2	0 18	3 14	15 10	1 44	11 49	1 11	19 30	0 25	21 17	1 15	22 23	0 32	22 24	1 1	16 23	16 48	17 50	18 9	26 59	1 22	4 47
T 6	3 3	1s34	3 11	0n22	2 59	15 36	1 48	11 36	1 12	19 27	0 25	21 17	1 15	22 23	0 32	22 24	1 1	16 23	16 48	17 48	18 8	26 59	1 24	4 46
W 7	2 40	7 32	2 11	1 2	2 42	16 2	1 53	11 22	1 12	19 25	0 26	21 18	1 15	22 23	0 32	22 24	1 1	16 24	16 48	17 47	18 8	27 0	1 25	4 46
T 8	2 17	13 2	1 6	1 43	2 23	16 28	1 57	11 8	1 12	19 22	0 26	21 18	1 15	22 23	0 32	22 24	1 1	16 24	16 48	17 46	18 7	27 0	1 26	4 46
F 9	1 54	17 50	0s 1	2 23	2 4	16 53	2 1	10 54	1 12	19 20	0 26	21 19	1 15	22 23	0 31	22 24	1 1	16 25	16 48	17 46	18 6	27 0	1 27	4 46
S 10	1 30	21 47	1 7	3 1	1 44	17 18	2 6	10 40	1 12	19 17	0 26	21 19	1 15	22 23	0 31	22 24	1 1	16 25	16 48	17 46	18 5	27 0	1 28	4 46
S 11	1 7	24 42	2 8	3 36	1 24	17 43	2 10	10 26	1 12	19 15	0 26	21 20	1 14	22 23	0 31	22 24	1 1	16 26	16 48	17 46	18 4	27 0	1 30	4 46
M12	0 43	26 30	3 3	4 8	1 4	18 7	2 15	10 12	1 12	19 12	0 26	21 21	1 14	22 23	0 31	22 24	1 1	16 26	16 48	17 47	18 3	27 0	1 31	4 46
T 13	0 20	27 4	3 50	4 37	0 44	18 31	2 19	9 58	1 12	19 10	0 26	21 21	1 14	22 23	0 31	22 24	1 1	16 27	16 48	17 46	18 3	27 0	1 32	4 46
W14	0s 4	26 24	4 27	5 1	0 25	18 54	2 23	9 44	1 12	19 7	0 27	21 22	1 14	22 23	0 31	22 24	1 1	16 27	16 48	17 46	18 2	27 0	1 33	4 45
T 15	0 27	24 30	4 53	5 20	0 7	19 17	2 28	9 30	1 12	19 5	0 27	21 22	1 14	22 23	0 31	22 24	1 1	16 28	16 48	17 45	18 1	27 0	1 34	4 45
F 16	0 51	21 29	5 6	5 34	0n11	19 40	2 32	9 15	1 12	19 3	0 27	21 23	1 13	22 23	0 31	22 24	1 1	16 28	16 48	17 43	18 0	27 0	1 35	4 45
S 17	1 14	17 28	5 5	5 44	0 27	20 2	2 36	9 1	1 12	19 0	0 27	21 23	1 13	22 24	0 31	22 24	1 1	16 29	16 48	17 41	17 59	27 0	1 37	4 45
S 18	1 38	12 36	4 50	5 48	0 42	20 24	2 40	8 47	1 12	18 58	0 27	21 24	1 13	22 24	0 31	22 24	1 1	16 29	16 48	17 39	17 58	27 1	1 38	4 45
M19	2 1	7 5	4 19	5 47	0 56	20 45	2 44	8 32	1 12	18 55	0 27	21 25	1 13	22 24	0 31	22 24	1 1	16 30	16 48	17 36	17 58	27 1	1 39	4 45
T 20	2 25	1 8	3 34	5 41	1 8	21 6	2 48	8 18	1 12	18 53	0 28	21 25	1 13	22 24	0 31	22 23	1 1	16 30	16 48	17 35	17 57	27 1	1 40	4 45
W21	2 48	4n59	2 36	5 31	1 19	21 26	2 52	8 3	1 12	18 51	0 28	21 26	1 13	22 24	0 31	22 23	1 1	16 30	16 48	17 33	17 56	27 1	1 41	4 44
T 22	3 12	10 59	1 29	5 16	1 28	21 46	2 56	7 49	1 12	18 49	0 28	21 26	1 12	22 23	0 31	22 23	1 1	16 31	16 47	17 32	17 55	27 1	1 42	4 44
F 23	3 35	16 31	0 15	4 57	1 36	22 6	3 0	7 34	1 12	18 46	0 28	21 27	1 12	22 23	0 31	22 23	1 1	16 31	16 47	17 32	17 54	27 1	1 44	4 44
S 24	3 58	21 15	1n 1	4 35	1 43	22 25	3 4	7 19	1 12	18 44	0 28	21 28	1 12	22 23	0 31	22 23	1 1	16 32	16 47	17 32	17 53	27 1	1 45	4 44
S 25	4 22	24 47	2 13	4 9	1 48	22 43	3 8	7 5	1 12	18 42	0 28	21 28	1 12	22 23	0 31	22 23	1 1	16 32	16 47	17 32	17 53	27 1	1 46	4 44
M26	4 45	26 47	3 18	3 40	1 53	23 1	3 12	6 50	1 12	18 40	0 29	21 29	1 12	22 23	0 31	22 23	1 1	16 32	16 47	17 33	17 52	27 1	1 47	4 43
T 27	5 8	27 3	4 11	3 9	1 56	23 18	3 16	6 35	1 12	18 38	0 29	21 30	1 12	22 23	0 31	22 23	1 1	16 33	16 47	17 33	17 51	27 1	1 48	4 43
W28	5 31	25 33	4 48	2 35	1 58	23 35	3 19	6 20	1 12	18 35	0 29	21 30	1 11	22 23	0 31	22 23	1 1	16 33	16 47	17 33	17 50	27 1	1 49	4 43
T 29	5 54	22 28	5 9	1 59	1 59	23 52	3 23	6 6	1 12	18 33	0 29	21 31	1 11	22 23	0 31	22 23	1 1	16 34	16 47	17 32	17 49	27 1	1 50	4 43
F 30	6s17	18n 4	5n10	1n21	1n59	24s 7	3s26	5n51	1n12	18n31	0n29	21s32	1n11	22s23	0s31	22n23	1s 1	16s34	16s47	17n31	17n48	27s 1	1s51	4n43

Julian Day Number = 2296569.5, Delta T = 127.83 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'08, Lahiri = 17°56'08 Julian Calendar 1 Sept. 1575 == Greg. Calendar 11 Sept. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

OCTOBER 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 15 22	16♎56'50	9♍ 1	2♎48	3♐45	18♍40	9♌ 8	15♐33	20♑53	4°R46	26°R56	18°R57	20♉ 2	11♑35	14°R14	S 1
S 2	1 19 18	17°56'25	22°49	4°26	4°46	19°18	9°16	15°38	20°53	4♋46	26♓54	18♉52	19°58	11°41	14♓12	S 2
M 3	1 23 15	18°56'03	6♎25	6° 6	5°47	19°56	9°25	15°43	20°54	4°46	26°53	18°47	19°55	11°48	14°10	M 3
T 4	1 27 12	19°55'43	19°45	7°46	6°47	20°33	9°33	15°48	20°55	4°46	26°52	18°43	19°52	11°55	14° 8	T 4
W 5	1 31 8	20°55'24	2♏47	9°27	7°46	21°11	9°40	15°52	20°55	4°46	26°51	18°41	19°49	12° 1	14° 6	W 5
T 6	1 35 5	21°55'08	15°33	11° 9	8°45	21°49	9°48	15°57	20°56	4°46	26°50	18°D40	19°46	12° 8	14° 3	T 6
F 7	1 39 1	22°54'54	28° 1	12°51	9°44	22°27	9°56	16° 3	20°57	4°45	26°49	18°40	19°42	12°15	14° 1	F 7
S 8	1 42 58	23°54'42	10♐15	14°32	10°43	23° 5	10° 3	16° 8	20°58	4°45	26°48	18°41	19°39	12°22	13°59	S 8
S 9	1 46 54	24°54'31	22°17	16°14	11°41	23°43	10°11	16°13	20°58	4°45	26°47	18°43	19°36	12°28	13°57	S 9
M10	1 50 51	25°54'22	4♑11	17°56	12°38	24°21	10°18	16°18	20°59	4°44	26°46	18°45	19°33	12°35	13°55	M10
T 11	1 54 47	26°54'15	16° 2	19°37	13°35	24°59	10°25	16°23	21° 0	4°44	26°45	18°46	19°30	12°42	13°54	T 11
W12	1 58 44	27°54'10	27°54	21°18	14°32	25°36	10°32	16°29	21° 1	4°43	26°44	18°R47	19°27	12°48	13°52	W12
T 13	2 2 41	28°54'06	9♒52	22°59	15°28	26°14	10°38	16°34	21° 3	4°43	26°43	18°46	19°23	12°55	13°50	T 13
F 14	2 6 37	29°54'04	22° 2	24°40	16°24	26°52	10°45	16°40	21° 4	4°42	26°42	18°45	19°20	13° 2	13°48	F 14
S 15	2 10 34	0♏54'03	4♓26	26°20	17°19	27°30	10°52	16°45	21° 5	4°42	26°41	18°43	19°17	13° 8	13°46	S 15
S 16	2 14 30	1°54'04	17°10	27°59	18°13	28° 8	10°58	16°51	21° 6	4°41	26°40	18°40	19°14	13°15	13°45	S 16
M17	2 18 27	2°54'07	0♈14	29°39	19° 7	28°46	11° 4	16°57	21° 7	4°41	26°39	18°38	19°11	13°22	13°43	M17
T 18	2 22 23	3°54'12	13°40	1♏18	20° 0	29°23	11°10	17° 2	21° 9	4°40	26°38	18°36	19° 8	13°28	13°42	T 18
W19	2 26 20	4°54'18	27°26	2°56	20°53	0♎ 1	11°16	17° 8	21°10	4°39	26°37	18°34	19° 4	13°35	13°40	W19
T 20	2 30 16	5°54'26	11♉30	4°34	21°45	0°39	11°22	17°14	21°12	4°39	26°37	18°34	19° 1	13°42	13°39	T 20
F 21	2 34 13	6°54'36	25°48	6°11	22°36	1°17	11°27	17°20	21°13	4°38	26°36	18°D34	18°58	13°49	13°37	F 21
S 22	2 38 9	7°54'48	10♊14	7°49	23°27	1°55	11°32	17°26	21°15	4°37	26°35	18°34	18°55	13°55	13°36	S 22
S 23	2 42 6	8°55'02	24°44	9°25	24°17	2°33	11°38	17°32	21°16	4°37	26°34	18°35	18°52	14° 2	13°35	S 23
M24	2 46 3	9°55'18	9♋13	11° 2	25° 6	3°10	11°43	17°38	21°18	4°36	26°33	18°36	18°48	14° 9	13°33	M24
T 25	2 49 59	10°55'36	23°35	12°38	25°54	3°48	11°48	17°44	21°19	4°35	26°32	18°36	18°45	14°15	13°32	T 25
W26	2 53 56	11°55'56	7♌49	14°13	26°41	4°26	11°52	17°50	21°21	4°34	26°32	18°R37	18°42	14°22	13°31	W26
T 27	2 57 52	12°56'18	21°50	15°49	27°28	5° 4	11°57	17°56	21°23	4°33	26°31	18°37	18°39	14°29	13°30	T 27
F 28	3 1 49	13°56'42	5♍40	17°24	28°14	5°42	12° 1	18° 2	21°25	4°32	26°30	18°36	18°36	14°35	13°29	F 28
S 29	3 5 45	14°57'08	19°16	18°58	28°58	6°19	12° 5	18° 9	21°27	4°31	26°29	18°36	18°33	14°42	13°28	S 29
S 30	3 9 42	15°57'36	2♎38	20°33	29°42	6°57	12° 9	18°15	21°28	4°30	26°29	18°35	18°29	14°49	13°27	S 30
M31	3 13 38	16♏58'05	15♎47	22♏ 7	0♑25	7♎35	12♌13	18♐21	21♑30	4♋29	26♓28	18♉35	18♉26	14♑56	13♓26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s40	12n44	4n53	0n42	1n59	24s23	3s29	5n36	1n12	18n29	0n29	21s32	1n11	22s23	0s31	22n23	1s 1	16s34	16s47	17n30	17n47	27s 1	1s52	4n42
S 2	7 3	6 49	4 19	0 2	1 58	24 38	3 33	5 21	1 12	18 27	0 30	21 33	1 11	22 23	0 31	22 23	1 2	16 35	16 47	17 28	17 47	27 0	1 53	4 42
M 3	7 26	0 40	3 31	0s39	1 56	24 52	3 36	5 6	1 12	18 25	0 30	21 34	1 11	22 23	0 31	22 23	1 2	16 35	16 46	17 27	17 46	27 0	1 54	4 42
T 4	7 49	5s24	2 32	1 22	1 53	25 5	3 39	4 51	1 12	18 23	0 30	21 34	1 10	22 23	0 31	22 23	1 2	16 35	16 46	17 26	17 45	27 0	1 56	4 42
W 5	8 11	11 7	1 26	2 4	1 50	25 18	3 42	4 36	1 12	18 21	0 30	21 35	1 10	22 22	0 31	22 23	1 2	16 35	16 46	17 25	17 44	27 0	1 57	4 41
T 6	8 34	16 16	0 17	2 47	1 46	25 31	3 45	4 21	1 12	18 19	0 30	21 36	1 10	22 22	0 31	22 23	1 2	16 36	16 46	17 25	17 43	27 0	1 58	4 41
F 7	8 56	20 36	0s51	3 31	1 42	25 43	3 48	4 6	1 12	18 17	0 30	21 36	1 10	22 22	0 31	22 23	1 2	16 36	16 46	17 25	17 42	27 0	1 59	4 41
S 8	9 18	23 57	1 56	4 14	1 38	25 54	3 50	3 51	1 12	18 16	0 31	21 37	1 10	22 22	0 31	22 23	1 2	16 36	16 46	17 26	17 41	27 0	2 0	4 41
S 9	9 40	26 10	2 55	4 58	1 33	26 5	3 53	3 36	1 12	18 14	0 31	21 38	1 10	22 22	0 31	22 23	1 2	16 37	16 46	17 26	17 41	27 0	2 1	4 40
M10	10 2	27 11	3 45	5 42	1 28	26 15	3 55	3 21	1 12	18 12	0 31	21 38	1 9	22 22	0 31	22 23	1 2	16 37	16 45	17 27	17 40	27 0	2 2	4 40
T 11	10 24	26 55	4 25	6 25	1 23	26 25	3 58	3 6	1 12	18 10	0 31	21 39	1 9	22 22	0 31	22 23	1 2	16 37	16 45	17 27	17 39	27 0	2 3	4 40
W12	10 45	25 27	4 55	7 8	1 17	26 34	4 0	2 51	1 12	18 9	0 31	21 40	1 9	22 21	0 31	22 23	1 2	16 37	16 45	17 27	17 38	26 59	2 3	4 40
T 13	11 7	22 49	5 12	7 51	1 11	26 42	4 2	2 36	1 12	18 7	0 32	21 40	1 9	22 21	0 31	22 23	1 2	16 38	16 45	17 27	17 37	26 59	2 4	4 39
F 14	11 28	19 9	5 15	8 34	1 5	26 50	4 4	2 20	1 11	18 5	0 32	21 41	1 9	22 21	0 31	22 23	1 2	16 38	16 45	17 26	17 36	26 59	2 5	4 39
S 15	11 49	14 37	5 4	9 16	0 59	26 58	4 5	2 5	1 11	18 4	0 32	21 42	1 9	22 21	0 31	22 23	1 2	16 38	16 44	17 26	17 35	26 59	2 6	4 39
S 16	12 10	9 20	4 37	9 58	0 53	27 4	4 7	1 50	1 11	18 2	0 32	21 42	1 9	22 21	0 31	22 23	1 2	16 38	16 44	17 25	17 34	26 59	2 7	4 39
M17	12 30	3 31	3 56	10 39	0 46	27 11	4 8	1 35	1 11	18 1	0 32	21 43	1 8	22 20	0 31	22 23	1 2	16 38	16 44	17 25	17 34	26 59	2 8	4 38
T 18	12 51	2n37	3 1	11 20	0 40	27 16	4 10	1 20	1 11	17 59	0 33	21 44	1 8	22 20	0 31	22 23	1 2	16 38	16 44	17 24	17 33	26 59	2 9	4 38
W19	13 11	8 48	1 54	12 0	0 33	27 21	4 11	1 5	1 11	17 58	0 33	21 44	1 8	22 20	0 31	22 23	1 2	16 39	16 44	17 24	17 32	26 58	2 10	4 38
T 20	13 31	14 42	0 39	12 39	0 26	27 26	4 12	0 50	1 11	17 56	0 33	21 45	1 8	22 20	0 31	22 23	1 2	16 39	16 43	17 23	17 31	26 58	2 10	4 38
F 21	13 51	19 54	0n40	13 18	0 20	27 29	4 12	0 34	1 11	17 55	0 33	21 46	1 8	22 19	0 31	22 23	1 2	16 39	16 43	17 23	17 30	26 58	2 11	4 37
S 22	14 11	23 58	1 57	13 56	0 13	27 33	4 13	0 19	1 11	17 54	0 33	21 46	1 8	22 19	0 31	22 23	1 2	16 39	16 43	17 24	17 29	26 58	2 12	4 37
S 23	14 30	26 31	3 7	14 34	0 6	27 35	4 13	0 4	1 11	17 53	0 34	21 47	1 8	22 19	0 31	22 23	1 2	16 39	16 43	17 24	17 28	26 57	2 13	4 37
M24	14 49	27 15	4 5	15 11	0s 0	27 38	4 14	0s11	1 11	17 51	0 34	21 48	1 8	22 19	0 31	22 23	1 2	16 39	16 42	17 24	17 28	26 57	2 14	4 36
T 25	15 8	26 9	4 47	15 47	0 7	27 39	4 13	0 26	1 11	17 50	0 34	21 49	1 7	22 18	0 31	22 23	1 2	16 39	16 42	17 24	17 27	26 57	2 14	4 36
W26	15 27	23 22	5 11	16 22	0 14	27 40	4 13	0 41	1 11	17 49	0 34	21 49	1 7	22 18	0 31	22 23	1 2	16 39	16 42	17 24	17 26	26 57	2 15	4 36
T 27	15 46	19 15	5 17	16 56	0 20	27 41	4 13	0 56	1 10	17 48	0 34	21 50	1 7	22 18	0 31	22 23	1 2	16 39	16 42	17 24	17 25	26 57	2 16	4 35
F 28	16 4	14 9	5 3	17 30	0 27	27 41	4 12	1 11	1 10	17 47	0 35	21 51	1 7	22 17	0 31	22 23	1 2	16 40	16 41	17 24	17 24	26 56	2 16	4 35
S 29	16 22	8 26	4 33	18 2	0 33	27 41	4 11	1 26	1 10	17 46	0 35	21 51	1 7	22 17	0 31	22 23	1 2	16 40	16 41	17 24	17 23	26 56	2 17	4 35
S 30	16 39	2 26	3 48	18 34	0 40	27 40	4 10	1 42	1 10	17 45	0 35	21 52	1 7	22 17	0 31	22 23	1 2	16 40	16 41	17 24	17 22	26 56	2 18	4 35
M31	16s57	3s35	2n52	19s 5	0s46	27s38	4s 8	1s57	1n10	17n44	0n35	21s53	1n 7	22s16	0s30	22n23	1s 2	16s40	16s41	17n24	17n21	26s55	2s18	4n34

Julian Day Number = 2296599.5, Delta T = 127.68 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'12, Lahiri = 17°56'12 Julian Calendar 1 Oct. 1575 == Greg. Calendar 11 Oct. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

NOVEMBER 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 17 35	17♏58'36	28♎43	23♏41	1♑ 6	8♎13	12♌17	18♐28	21♑32	4°R28	26°R27	18°R35	18♉23	15♑ 2	13°R25	T 1
W 2	3 21 32	18°59'09	11♏25	25°15	1°47	8°51	12°20	18°34	21°34	4♋27	26♓27	18°D35	18°20	15° 9	13♓24	W 2
T 3	3 25 28	19°59'44	23°54	26°48	2°26	9°28	12°24	18°41	21°36	4°26	26°26	18°R35	18°17	15°16	13°24	T 3
F 4	3 29 25	21° 0'20	6♐12	28°21	3° 5	10° 6	12°27	18°47	21°39	4°25	26°25	18♉35	18°14	15°22	13°23	F 4
S 5	3 33 21	22° 0'58	18°20	29°54	3°41	10°44	12°30	18°54	21°41	4°24	26°25	18°35	18°10	15°29	13°22	S 5
S 6	3 37 18	23° 1'37	0♑19	1♐27	4°17	11°22	12°32	19° 0	21°43	4°23	26°24	18°34	18° 7	15°36	13°22	S 6
M 7	3 41 14	24° 2'17	12°12	3° 0	4°51	11°59	12°35	19° 7	21°45	4°21	26°24	18°33	18° 4	15°42	13°21	M 7
T 8	3 45 11	25° 2'59	24° 2	4°32	5°24	12°37	12°37	19°13	21°47	4°20	26°23	18°33	18° 1	15°49	13°21	T 8
W 9	3 49 8	26° 3'41	5♒53	6° 4	5°56	13°15	12°39	19°20	21°50	4°19	26°22	18°32	17°58	15°56	13°21	W 9
T 10	3 53 4	27° 4'25	17°49	7°36	6°25	13°52	12°41	19°27	21°52	4°18	26°22	18°31	17°54	16° 3	13°20	T 10
F 11	3 57 1	28° 5'10	29°56	9° 8	6°54	14°30	12°43	19°33	21°54	4°16	26°22	18°D31	17°51	16° 9	13°20	F 11
S 12	4 0 57	29° 5'56	12♓16	10°40	7°20	15° 8	12°45	19°40	21°57	4°15	26°21	18°32	17°48	16°16	13°20	S 12
S 13	4 4 54	0♐ 6'43	24°56	12°11	7°45	15°46	12°46	19°47	21°59	4°14	26°21	18°32	17°45	16°23	13°20	S 13
M14	4 8 50	1° 7'30	7♈58	13°43	8° 8	16°23	12°47	19°54	22° 2	4°13	26°20	18°33	17°42	16°29	13°20	M14
T 15	4 12 47	2° 8'19	21°25	15°14	8°29	17° 1	12°48	20° 0	22° 4	4°11	26°20	18°35	17°39	16°36	13°D20	T 15
W16	4 16 43	3° 9'09	5♉19	16°45	8°48	17°39	12°49	20° 7	22° 7	4°10	26°19	18°35	17°35	16°43	13°20	W16
T 17	4 20 40	4°10'00	19°36	18°15	9° 6	18°16	12°50	20°14	22°10	4° 8	26°19	18°R36	17°32	16°50	13°20	T 17
F 18	4 24 37	5°10'51	4♊15	19°45	9°21	18°54	12°50	20°21	22°12	4° 7	26°19	18°35	17°29	16°56	13°20	F 18
S 19	4 28 33	6°11'45	19° 7	21°15	9°34	19°32	12°50	20°28	22°15	4° 5	26°19	18°34	17°26	17° 3	13°20	S 19
S 20	4 32 30	7°12'39	4♋ 6	22°45	9°45	20° 9	12°R50	20°35	22°18	4° 4	26°18	18°32	17°23	17°10	13°20	S 20
M21	4 36 26	8°13'34	19° 2	24°14	9°53	20°47	12°50	20°42	22°20	4° 3	26°18	18°29	17°20	17°16	13°21	M21
T 22	4 40 23	9°14'31	3♌47	25°42	9°59	21°24	12°50	20°49	22°23	4° 1	26°18	18°26	17°16	17°23	13°21	T 22
W23	4 44 19	10°15'29	18°16	27°10	10° 3	22° 2	12°49	20°56	22°26	4° 0	26°18	18°24	17°13	17°30	13°22	W23
T 24	4 48 16	11°16'27	2♍25	28°37	10°R 5	22°40	12°49	21° 3	22°29	3°58	26°17	18°23	17°10	17°36	13°22	T 24
F 25	4 52 12	12°17'27	16°12	0♑ 3	10° 4	23°17	12°48	21°10	22°32	3°56	26°17	18°D23	17° 7	17°43	13°23	F 25
S 26	4 56 9	13°18'29	29°38	1°28	10° 1	23°55	12°47	21°17	22°35	3°55	26°17	18°24	17° 4	17°50	13°23	S 26
S 27	5 0 6	14°19'31	12♎44	2°51	9°55	24°32	12°45	21°24	22°38	3°53	26°17	18°25	17° 0	17°57	13°24	S 27
M28	5 4 2	15°20'34	25°34	4°13	9°47	25°10	12°44	21°31	22°40	3°52	26°17	18°27	16°57	18° 3	13°25	M28
T 29	5 7 59	16°21'39	8♏ 9	5°34	9°36	25°48	12°42	21°38	22°43	3°50	26°17	18°28	16°54	18°10	13°25	T 29
W30	5 11 55	17♐22'44	20♏32	6♑52	9♑23	26♎25	12♌40	21♐45	22♑46	3♋49	26♓17	18°R29	16♉51	18♑17	13♓26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s14	9s21	1n48	19s35	0s52	27s36	4s 7	2s12	1n10	17n43	0n35	21s53	1n 7	22s16	0s30	22n23	1s 2	16s40	16s40	17n24	17n20	26s55	2s19	4n34
W 2	17 30	14 40	0 40	20 4	0 59	27 34	4 5	2 27	1 10	17 43	0 36	21 54	1 6	22 16	0 30	22 23	1 2	16 40	16 40	17 24	17 20	26 55	2 20	4 34
T 3	17 47	19 16	0s30	20 32	1 5	27 31	4 2	2 42	1 10	17 42	0 36	21 55	1 6	22 15	0 30	22 23	1 2	16 40	16 40	17 24	17 19	26 55	2 20	4 33
F 4	18 3	22 58	1 36	20 59	1 10	27 27	4 0	2 57	1 10	17 41	0 36	21 55	1 6	22 15	0 30	22 23	1 2	16 40	16 39	17 24	17 18	26 54	2 21	4 33
S 5	18 19	25 36	2 38	21 25	1 16	27 23	3 57	3 12	1 9	17 41	0 36	21 56	1 6	22 15	0 30	22 23	1 2	16 40	16 39	17 24	17 17	26 54	2 21	4 33
S 6	18 34	27 1	3 31	21 50	1 22	27 19	3 54	3 26	1 9	17 40	0 37	21 57	1 6	22 14	0 30	22 23	1 2	16 40	16 39	17 24	17 16	26 54	2 22	4 32
M 7	18 50	27 10	4 15	22 14	1 27	27 14	3 50	3 41	1 9	17 40	0 37	21 57	1 6	22 14	0 30	22 23	1 2	16 40	16 38	17 23	17 15	26 53	2 22	4 32
T 8	19 4	26 5	4 48	22 37	1 32	27 9	3 46	3 56	1 9	17 39	0 37	21 58	1 6	22 14	0 30	22 23	1 2	16 39	16 38	17 23	17 14	26 53	2 23	4 32
W 9	19 19	23 50	5 9	22 58	1 38	27 4	3 42	4 11	1 9	17 39	0 37	21 58	1 6	22 13	0 30	22 23	1 2	16 39	16 38	17 23	17 13	26 53	2 23	4 31
T 10	19 33	20 33	5 17	23 19	1 42	26 58	3 37	4 26	1 9	17 38	0 37	21 59	1 6	22 13	0 30	22 23	1 2	16 39	16 38	17 23	17 13	26 52	2 23	4 31
F 11	19 47	16 22	5 11	23 38	1 47	26 51	3 33	4 41	1 9	17 38	0 38	22 0	1 6	22 12	0 30	22 23	1 2	16 39	16 37	17 23	17 12	26 52	2 24	4 31
S 12	20 0	11 26	4 50	23 56	1 51	26 44	3 27	4 55	1 8	17 38	0 38	22 0	1 5	22 12	0 30	22 23	1 2	16 39	16 37	17 23	17 11	26 51	2 24	4 30
S 13	20 13	5 55	4 15	24 13	1 56	26 37	3 22	5 10	1 8	17 38	0 38	22 1	1 5	22 12	0 30	22 23	1 2	16 39	16 37	17 23	17 10	26 51	2 25	4 30
M14	20 26	0n 1	3 26	24 29	1 59	26 30	3 16	5 25	1 8	17 38	0 38	22 2	1 5	22 11	0 30	22 23	1 2	16 39	16 36	17 23	17 9	26 51	2 25	4 30
T 15	20 38	6 8	2 25	24 43	2 3	26 22	3 9	5 39	1 8	17 37	0 39	22 2	1 5	22 11	0 30	22 23	1 2	16 39	16 36	17 24	17 8	26 50	2 25	4 30
W16	20 50	12 11	1 13	24 56	2 6	26 14	3 2	5 54	1 8	17 37	0 39	22 3	1 5	22 10	0 30	22 23	1 2	16 39	16 36	17 24	17 7	26 50	2 25	4 29
T 17	21 2	17 46	0n 6	25 7	2 9	26 5	2 55	6 8	1 8	17 37	0 39	22 3	1 5	22 10	0 30	22 24	1 2	16 38	16 35	17 24	17 6	26 49	2 26	4 29
F 18	21 13	22 27	1 25	25 18	2 12	25 56	2 47	6 23	1 7	17 38	0 39	22 4	1 5	22 10	0 30	22 24	1 2	16 38	16 35	17 24	17 5	26 49	2 26	4 29
S 19	21 24	25 43	2 41	25 27	2 14	25 47	2 39	6 37	1 7	17 38	0 39	22 5	1 5	22 9	0 30	22 24	1 2	16 38	16 35	17 23	17 4	26 49	2 26	4 28
S 20	21 34	27 11	3 45	25 34	2 16	25 38	2 30	6 52	1 7	17 38	0 40	22 5	1 5	22 9	0 30	22 24	1 2	16 38	16 34	17 23	17 4	26 48	2 26	4 28
M21	21 44	26 40	4 34	25 40	2 18	25 28	2 21	7 6	1 7	17 38	0 40	22 6	1 5	22 8	0 30	22 24	1 2	16 38	16 34	17 22	17 3	26 48	2 27	4 28
T 22	21 53	24 17	5 5	25 45	2 19	25 18	2 11	7 20	1 7	17 39	0 40	22 6	1 5	22 8	0 30	22 24	1 2	16 37	16 34	17 21	17 2	26 47	2 27	4 27
W23	22 2	20 22	5 15	25 48	2 20	25 8	2 1	7 34	1 7	17 39	0 40	22 7	1 4	22 7	0 30	22 24	1 2	16 37	16 33	17 21	17 1	26 47	2 27	4 27
T 24	22 11	15 23	5 6	25 49	2 20	24 57	1 50	7 49	1 6	17 39	0 41	22 7	1 4	22 7	0 30	22 24	1 2	16 37	16 33	17 20	17 0	26 46	2 27	4 27
F 25	22 19	9 44	4 39	25 49	2 19	24 46	1 39	8 3	1 6	17 40	0 41	22 8	1 4	22 6	0 30	22 24	1 2	16 37	16 33	17 20	16 59	26 46	2 27	4 26
S 26	22 27	3 46	3 57	25 48	2 18	24 35	1 28	8 17	1 6	17 40	0 41	22 8	1 4	22 6	0 30	22 24	1 2	16 36	16 32	17 21	16 58	26 45	2 27	4 26
S 27	22 34	2s13	3 4	25 45	2 17	24 23	1 16	8 31	1 6	17 41	0 41	22 9	1 4	22 5	0 30	22 24	1 2	16 36	16 32	17 21	16 57	26 45	2 27	4 26
M28	22 41	8 0	2 3	25 40	2 15	24 11	1 3	8 45	1 5	17 42	0 42	22 9	1 4	22 5	0 30	22 24	1 2	16 36	16 31	17 22	16 56	26 44	2 27	4 25
T 29	22 48	13 22	0 56	25 34	2 12	23 59	0 50	8 59	1 5	17 42	0 42	22 10	1 4	22 4	0 30	22 24	1 2	16 36	16 31	17 22	16 55	26 44	2 27	4 25
W30	22s54	18s 6	0s11	25s27	2s 8	23s47	0s37	9s12	1n 5	17n43	0n42	22s10	1n 4	22s 4	0s30	22n24	1s 2	16s35	16s31	17n22	16n55	26s43	2s27	4n25

Julian Day Number = 2296630.5, Delta T = 127.53 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'16, Lahiri = 17°56'17 Julian Calendar 1 Nov. 1575 == Greg. Calendar 11 Nov. 1575

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ASTRODIENST EPHEMERIS for the year 1575
geocentric

DECEMBER 1575 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 15 52	18♐23'50	2♐45	8♑ 7	9°R 7	27♎ 3	12°R38	21♐52	22♑50	3°R47	26°D17	18°R28	16♉48	18♑23	13♓27	T 1
F 2	5 19 48	19°24'57	14°51	9°20	8♑49	27°40	12♌36	21°59	22°53	3♋45	26♓17	18♉25	16°45	18°30	13°28	F 2
S 3	5 23 45	20°26'04	26°50	10°30	8°29	28°18	12°33	22° 6	22°56	3°44	26°17	18°21	16°41	18°37	13°29	S 3
S 4	5 27 41	21°27'12	8♑45	11°35	8° 6	28°55	12°30	22°13	22°59	3°42	26°17	18°15	16°38	18°44	13°30	S 4
M 5	5 31 38	22°28'21	20°36	12°36	7°42	29°33	12°27	22°20	23° 2	3°40	26°17	18° 8	16°35	18°50	13°31	M 5
T 6	5 35 35	23°29'30	2♒27	13°31	7°15	0♏10	12°24	22°27	23° 5	3°39	26°17	18° 1	16°32	18°57	13°33	T 6
W 7	5 39 31	24°30'39	14°19	14°21	6°46	0°48	12°21	22°34	23° 8	3°37	26°17	17°55	16°29	19° 4	13°34	W 7
T 8	5 43 28	25°31'48	26°15	15° 4	6°16	1°25	12°18	22°41	23°12	3°35	26°17	17°50	16°26	19°10	13°35	T 8
F 9	5 47 24	26°32'58	8♓19	15°39	5°44	2° 3	12°14	22°48	23°15	3°34	26°17	17°46	16°22	19°17	13°37	F 9
S 10	5 51 21	27°34'07	20°35	16° 6	5°10	2°40	12°10	22°55	23°18	3°32	26°18	17°44	16°19	19°24	13°38	S 10
S 11	5 55 17	28°35'17	3♈ 8	16°23	4°36	3°17	12° 6	23° 2	23°21	3°30	26°18	17°D44	16°16	19°30	13°39	S 11
M12	5 59 14	29°36'26	16° 1	16°R30	4° 0	3°55	12° 2	23° 9	23°25	3°29	26°18	17°45	16°13	19°37	13°41	M12
T 13	6 3 10	0♑37'35	29°20	16°25	3°24	4°32	11°58	23°16	23°28	3°27	26°18	17°46	16°10	19°44	13°43	T 13
W14	6 7 7	1°38'45	13♉ 7	16° 9	2°48	5° 9	11°53	23°23	23°31	3°25	26°19	17°R48	16° 6	19°51	13°44	W14
T 15	6 11 4	2°39'54	27°22	15°41	2°11	5°47	11°48	23°30	23°35	3°23	26°19	17°47	16° 3	19°57	13°46	T 15
F 16	6 15 0	3°41'04	12♊ 4	15° 2	1°34	6°24	11°43	23°37	23°38	3°22	26°19	17°45	16° 0	20° 4	13°48	F 16
S 17	6 18 57	4°42'13	27° 8	14°11	0°58	7° 1	11°38	23°44	23°41	3°20	26°20	17°40	15°57	20°11	13°49	S 17
S 18	6 22 53	5°43'22	12♋24	13°10	0°22	7°39	11°33	23°51	23°45	3°18	26°20	17°34	15°54	20°17	13°51	S 18
M19	6 26 50	6°44'32	27°41	12° 1	29♐48	8°16	11°28	23°58	23°48	3°17	26°21	17°26	15°51	20°24	13°53	M19
T 20	6 30 46	7°45'41	12♌50	10°45	29°14	8°53	11°22	24° 5	23°52	3°15	26°21	17°18	15°47	20°31	13°55	T 20
W21	6 34 43	8°46'50	27°40	9°26	28°41	9°31	11°17	24°12	23°55	3°13	26°21	17°11	15°44	20°38	13°57	W21
T 22	6 38 40	9°48'00	12♍ 4	8° 5	28°11	10° 8	11°11	24°19	23°58	3°12	26°22	17° 6	15°41	20°44	13°59	T 22
F 23	6 42 36	10°49'10	26° 1	6°45	27°41	10°45	11° 5	24°26	24° 2	3°10	26°22	17° 3	15°38	20°51	14° 1	F 23
S 24	6 46 33	11°50'19	9♎29	5°29	27°14	11°22	10°59	24°33	24° 5	3° 8	26°23	17°D 1	15°35	20°58	14° 3	S 24
S 25	6 50 29	12°51'29	22°33	4°19	26°49	11°59	10°53	24°40	24° 9	3° 7	26°23	17° 2	15°32	21° 4	14° 6	S 25
M26	6 54 26	13°52'39	5♏14	3°17	26°26	12°36	10°46	24°47	24°12	3° 5	26°24	17° 3	15°28	21°11	14° 8	M26
T 27	6 58 22	14°53'49	17°38	2°23	26° 5	13°14	10°40	24°53	24°16	3° 3	26°25	17°R 3	15°25	21°18	14°10	T 27
W28	7 2 19	15°54'58	29°49	1°38	25°46	13°51	10°33	25° 0	24°19	3° 2	26°25	17° 2	15°22	21°25	14°12	W28
T 29	7 6 15	16°56'08	11♐51	1° 4	25°30	14°28	10°27	25° 7	24°23	3° 0	26°26	16°59	15°19	21°31	14°15	T 29
F 30	7 10 12	17°57'17	23°47	0°39	25°17	15° 5	10°20	25°14	24°26	2°58	26°27	16°53	15°16	21°38	14°17	F 30
S 31	7 14 9	18♑58'26	5♑40	0♑23	25♐ 5	15♏42	10♌13	25♐20	24♑30	2♋57	26♓27	16♉44	15♉12	21♑45	14♓20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s59	22s 2	1s17	25s18	2s 4	23s34	0s23	9s26	1n 5	17n44	0n42	22s11	1n 4	22s 3	0s30	22n24	1s 2	16s35	16s30	17n22	16n54	26s43	2s27	4n24	T 1
F 2	23 4	24 56	2 19	25 8	1 58	23 21	0 9	9 40	1 5	17 45	0 42	22 11	1 4	22 3	0 30	22 24	1 2	16 35	16 30	17 21	16 53	26 42	2 27	4 24	F 2
S 3	23 9	26 42	3 14	24 56	1 52	23 8	0n 5	9 54	1 4	17 46	0 43	22 12	1 4	22 2	0 30	22 24	1 2	16 34	16 30	17 20	16 52	26 42	2 27	4 24	S 3
S 4	23 13	27 12	4 0	24 44	1 45	22 55	0 20	10 7	1 4	17 47	0 43	22 12	1 4	22 2	0 30	22 24	1 2	16 34	16 29	17 18	16 51	26 41	2 27	4 23	S 4
M 5	23 17	26 27	4 36	24 30	1 36	22 41	0 35	10 21	1 4	17 48	0 43	22 13	1 4	22 1	0 30	22 24	1 2	16 34	16 29	17 16	16 50	26 41	2 27	4 23	M 5
T 6	23 20	24 31	4 59	24 15	1 27	22 27	0 51	10 34	1 4	17 49	0 43	22 13	1 4	22 1	0 30	22 24	1 2	16 33	16 29	17 14	16 49	26 40	2 26	4 23	T 6
W 7	23 23	21 31	5 10	23 59	1 17	22 13	1 6	10 47	1 3	17 50	0 44	22 14	1 3	22 0	0 30	22 24	1 2	16 33	16 28	17 13	16 48	26 40	2 26	4 23	W 7
T 8	23 25	17 36	5 7	23 43	1 5	21 59	1 22	11 1	1 3	17 51	0 44	22 14	1 3	21 59	0 30	22 24	1 2	16 32	16 28	17 11	16 47	26 39	2 26	4 22	T 8
F 9	23 27	12 58	4 51	23 26	0 52	21 45	1 37	11 14	1 3	17 52	0 44	22 15	1 3	21 59	0 30	22 24	1 2	16 32	16 28	17 10	16 46	26 38	2 26	4 22	F 9
S 10	23 28	7 44	4 21	23 9	0 38	21 31	1 53	11 27	1 2	17 54	0 44	22 15	1 3	21 58	0 30	22 25	1 2	16 32	16 27	17 10	16 45	26 38	2 25	4 22	S 10
S 11	23 29	2 6	3 38	22 52	0 22	21 16	2 9	11 40	1 2	17 55	0 44	22 16	1 3	21 58	0 30	22 25	1 2	16 31	16 27	17 10	16 45	26 37	2 25	4 21	S 11
M12	23 30	3n48	2 44	22 34	0 6	21 2	2 24	11 53	1 2	17 56	0 45	22 16	1 3	21 57	0 30	22 25	1 2	16 31	16 26	17 10	16 44	26 37	2 25	4 21	M12
T 13	23 30	9 44	1 38	22 17	0n12	20 48	2 39	12 6	1 2	17 58	0 45	22 16	1 3	21 57	0 30	22 25	1 2	16 30	16 26	17 10	16 43	26 36	2 25	4 21	T 13
W14	23 29	15 25	0 25	22 1	0 30	20 34	2 54	12 19	1 1	17 59	0 45	22 17	1 3	21 56	0 30	22 25	1 2	16 30	16 26	17 11	16 42	26 35	2 24	4 20	W14
T 15	23 28	20 27	0n52	21 45	0 50	20 20	3 9	12 31	1 1	18 1	0 45	22 17	1 3	21 56	0 30	22 25	1 2	16 29	16 25	17 10	16 41	26 35	2 24	4 20	T 15
F 16	23 27	24 24	2 7	21 30	1 9	20 6	3 24	12 44	1 1	18 2	0 46	22 18	1 3	21 55	0 30	22 25	1 2	16 29	16 25	17 10	16 40	26 34	2 23	4 20	F 16
S 17	23 25	26 44	3 16	21 16	1 29	19 52	3 37	12 56	1 0	18 4	0 46	22 18	1 3	21 54	0 30	22 25	1 2	16 29	16 25	17 9	16 39	26 34	2 23	4 20	S 17
S 18	23 22	27 5	4 11	21 3	1 48	19 39	3 51	13 9	1 0	18 6	0 46	22 18	1 3	21 54	0 30	22 25	1 2	16 28	16 24	17 7	16 38	26 33	2 23	4 19	S 18
M19	23 19	25 23	4 49	20 51	2 6	19 26	4 4	13 21	1 0	18 7	0 46	22 19	1 3	21 53	0 30	22 25	1 2	16 28	16 24	17 5	16 37	26 32	2 22	4 19	M19
T 20	23 16	21 53	5 6	20 41	2 23	19 14	4 16	13 34	0 59	18 9	0 46	22 19	1 3	21 53	0 30	22 25	1 2	16 27	16 24	17 2	16 36	26 32	2 22	4 19	T 20
W21	23 12	17 2	5 2	20 31	2 38	19 2	4 27	13 46	0 59	18 11	0 47	22 19	1 3	21 52	0 30	22 25	1 2	16 27	16 23	17 0	16 35	26 31	2 21	4 18	W21
T 22	23 8	11 20	4 38	20 24	2 52	18 51	4 38	13 58	0 59	18 13	0 47	22 20	1 3	21 51	0 30	22 25	1 2	16 26	16 23	16 59	16 34	26 30	2 21	4 18	T 22
F 23	23 3	5 14	3 59	20 17	3 2	18 40	4 49	14 10	0 58	18 14	0 47	22 20	1 3	21 51	0 30	22 25	1 2	16 26	16 23	16 58	16 34	26 29	2 20	4 18	F 23
S 24	22 58	0s54	3 7	20 12	3 11	18 30	4 58	14 22	0 58	18 16	0 47	22 20	1 3	21 50	0 30	22 25	1 2	16 25	16 22	16 58	16 33	26 29	2 20	4 18	S 24
S 25	22 52	6 49	2 8	20 9	3 17	18 20	5 7	14 33	0 57	18 18	0 47	22 21	1 3	21 50	0 30	22 25	1 2	16 25	16 22	16 58	16 32	26 28	2 19	4 17	S 25
M26	22 46	12 18	1 3	20 8	3 20	18 12	5 15	14 45	0 57	18 20	0 48	22 21	1 3	21 49	0 30	22 25	1 2	16 24	16 22	16 58	16 31	26 27	2 18	4 17	M26
T 27	22 40	17 11	0s 3	20 8	3 21	18 3	5 23	14 57	0 57	18 22	0 48	22 21	1 3	21 48	0 30	22 25	1 2	16 23	16 21	16 58	16 30	26 27	2 18	4 17	T 27
W28	22 33	21 16	1 8	20 9	3 20	17 56	5 30	15 8	0 56	18 24	0 48	22 22	1 3	21 48	0 30	22 26	1 2	16 23	16 21	16 58	16 29	26 26	2 17	4 16	W28
T 29	22 25	24 23	2 8	20 12	3 17	17 49	5 36	15 20	0 56	18 26	0 48	22 22	1 3	21 47	0 30	22 26	1 2	16 22	16 21	16 57	16 28	26 25	2 16	4 16	T 29
F 30	22 17	26 24	3 3	20 17	3 13	17 44	5 41	15 31	0 56	18 28	0 48	22 22	1 2	21 46	0 30	22 26	1 2	16 22	16 20	16 55	16 27	26 24	2 16	4 16	F 30
S 31	22s 9	27s11	3s49	20s23	3n 7	17s38	5n46	15s42	0n55	18n30	0n49	22s22	1n 2	21s46	0s30	22n26	1s 2	16s21	16s20	16n53	16n26	26s24	2s15	4n16	S 31

Julian Day Number = 2296660.5, Delta T = 127.37 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'20, Lahiri = 17°56'21 Julian Calendar 1 Dec. 1575 == Greg. Calendar 11 Dec. 1575

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1576
geocentric

JANUARY 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 18 5	19♑59'35	17♑31	0°D17	24°R57	16♏19	10°R 6	25♐27	24♑33	2°R55	26♓28	16°R33	15♉ 9	21♑51	14♓22	S 1
M 2	7 22 2	21° 0'43	29°23	0♑19	24♐50	16°56	9♌59	25°33	24°37	2♋53	26°29	16♉20	15° 6	21°58	14°25	M 2
T 3	7 25 58	22° 1'50	11♒16	0°29	24°47	17°33	9°51	25°40	24°40	2°52	26°29	16° 7	15° 3	22° 5	14°27	T 3
W 4	7 29 55	23° 2'57	23°11	0°46	24°D45	18°10	9°44	25°47	24°44	2°50	26°30	15°54	15° 0	22°12	14°30	W 4
T 5	7 33 51	24° 4'03	5♓12	1°10	24°46	18°47	9°37	25°53	24°48	2°49	26°31	15°43	14°57	22°18	14°33	T 5
F 6	7 37 48	25° 5'08	17°19	1°41	24°50	19°24	9°29	26° 0	24°51	2°47	26°32	15°34	14°53	22°25	14°35	F 6
S 7	7 41 44	26° 6'12	29°36	2°16	24°56	20° 0	9°21	26° 6	24°55	2°46	26°33	15°28	14°50	22°32	14°38	S 7
S 8	7 45 41	27° 7'15	12♈ 6	2°57	25° 4	20°37	9°14	26°12	24°58	2°44	26°33	15°25	14°47	22°38	14°41	S 8
M 9	7 49 38	28° 8'17	24°54	3°42	25°14	21°14	9° 6	26°19	25° 2	2°43	26°34	15°D24	14°44	22°45	14°44	M 9
T 10	7 53 34	29° 9'18	8♉ 4	4°32	25°27	21°51	8°58	26°25	25° 5	2°41	26°35	15°R24	14°41	22°52	14°47	T 10
W11	7 57 31	0♒10'17	21°38	5°25	25°42	22°27	8°51	26°31	25° 9	2°40	26°36	15°24	14°38	22°59	14°49	W11
T 12	8 1 27	1°11'16	5♊41	6°21	25°58	23° 4	8°43	26°38	25°12	2°38	26°37	15°23	14°34	23° 5	14°52	T 12
F 13	8 5 24	2°12'14	20°11	7°21	26°17	23°41	8°35	26°44	25°16	2°37	26°38	15°19	14°31	23°12	14°55	F 13
S 14	8 9 20	3°13'10	5♋ 6	8°23	26°38	24°17	8°27	26°50	25°19	2°35	26°39	15°12	14°28	23°19	14°58	S 14
S 15	8 13 17	4°14'05	20°19	9°28	27° 0	24°54	8°19	26°56	25°23	2°34	26°40	15° 3	14°25	23°25	15° 1	S 15
M16	8 17 14	5°14'59	5♌40	10°35	27°25	25°31	8°11	27° 2	25°26	2°33	26°41	14°52	14°22	23°32	15° 4	M16
T 17	8 21 10	6°15'52	20°57	11°44	27°51	26° 7	8° 3	27° 8	25°30	2°31	26°42	14°40	14°18	23°39	15° 8	T 17
W18	8 25 7	7°16'44	6♍ 0	12°55	28°19	26°44	7°55	27°14	25°33	2°30	26°43	14°30	14°15	23°46	15°11	W18
T 19	8 29 3	8°17'35	20°38	14° 8	28°48	27°20	7°47	27°20	25°37	2°28	26°44	14°21	14°12	23°52	15°14	T 19
F 20	8 33 0	9°18'25	4♎47	15°23	29°19	27°57	7°39	27°26	25°40	2°27	26°45	14°15	14° 9	23°59	15°17	F 20
S 21	8 36 56	10°19'13	18°26	16°39	29°52	28°33	7°31	27°32	25°44	2°26	26°46	14°11	14° 6	24° 6	15°20	S 21
S 22	8 40 53	11°20'01	1♏35	17°57	0♑26	29° 9	7°23	27°38	25°47	2°25	26°47	14°10	14° 3	24°12	15°24	S 22
M23	8 44 49	12°20'49	14°19	19°16	1° 1	29°46	7°15	27°43	25°51	2°23	26°48	14°10	13°59	24°19	15°27	M23
T 24	8 48 46	13°21'35	26°43	20°36	1°38	0♐22	7° 7	27°49	25°54	2°22	26°49	14°10	13°56	24°26	15°30	T 24
W25	8 52 42	14°22'20	8♐51	21°58	2°16	0°58	6°59	27°54	25°57	2°21	26°51	14° 8	13°53	24°33	15°34	W25
T 26	8 56 39	15°23'04	20°48	23°21	2°55	1°34	6°52	28° 0	26° 1	2°20	26°52	14° 4	13°50	24°39	15°37	T 26
F 27	9 0 36	16°23'47	2♑40	24°44	3°36	2°11	6°44	28° 5	26° 4	2°19	26°53	13°57	13°47	24°46	15°40	F 27
S 28	9 4 32	17°24'28	14°30	26°10	4°17	2°47	6°36	28°11	26° 7	2°18	26°54	13°48	13°44	24°53	15°44	S 28
S 29	9 8 29	18°25'09	26°20	27°36	5° 0	3°23	6°28	28°16	26°11	2°17	26°55	13°35	13°40	24°59	15°47	S 29
M30	9 12 25	19°25'48	8♒14	29° 3	5°44	3°59	6°21	28°22	26°14	2°16	26°57	13°21	13°37	25° 6	15°51	M30
T 31	9 16 22	20♒26'25	20♒11	0♒31	6♑28	4♐35	6♌13	28♐27	26♑17	2♋14	26♓58	13♉ 6	13♉34	25♑13	15♓54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s 0	26s43	4s25	20s30	3n 0	17s34	5n50	15s53	0n55	18n32	0n49	22s23	1n 2	21s45	0s30	22n26	1s 2	16s21	16s20	16n49	16n25	26s23	2s14	4n15
M 2	21 51	25 2	4 49	20 37	2 52	17 30	5 54	16 4	0 54	18 34	0 49	22 23	1 2	21 45	0 30	22 26	1 2	16 20	16 19	16 46	16 24	26 22	2 14	4 15
T 3	21 41	22 15	5 1	20 46	2 44	17 27	5 57	16 15	0 54	18 37	0 49	22 23	1 2	21 44	0 30	22 26	1 2	16 20	16 19	16 42	16 23	26 21	2 13	4 15
W 4	21 31	18 31	4 59	20 55	2 35	17 24	5 59	16 26	0 53	18 39	0 49	22 23	1 2	21 43	0 30	22 26	1 2	16 19	16 19	16 38	16 22	26 21	2 12	4 15
T 5	21 21	14 2	4 45	21 4	2 25	17 23	6 1	16 36	0 53	18 41	0 49	22 24	1 2	21 43	0 30	22 26	1 2	16 18	16 18	16 35	16 21	26 20	2 11	4 14
F 6	21 10	8 58	4 17	21 13	2 16	17 21	6 3	16 47	0 52	18 43	0 50	22 24	1 2	21 42	0 30	22 26	1 2	16 18	16 18	16 32	16 21	26 19	2 10	4 14
S 7	20 59	3 29	3 38	21 23	2 6	17 21	6 4	16 57	0 52	18 45	0 50	22 24	1 2	21 41	0 30	22 26	1 2	16 17	16 18	16 31	16 20	26 18	2 10	4 14
S 8	20 47	2n14	2 47	21 32	1 56	17 20	6 4	17 7	0 51	18 47	0 50	22 24	1 2	21 41	0 30	22 26	1 2	16 16	16 17	16 30	16 19	26 17	2 9	4 14
M 9	20 35	8 1	1 46	21 41	1 45	17 21	6 4	17 17	0 51	18 50	0 50	22 24	1 2	21 40	0 30	22 26	1 2	16 16	16 17	16 29	16 18	26 17	2 8	4 13
T 10	20 23	13 37	0 39	21 50	1 35	17 22	6 4	17 27	0 50	18 52	0 50	22 25	1 2	21 40	0 30	22 26	1 2	16 15	16 17	16 29	16 17	26 16	2 7	4 13
W11	20 10	18 45	0n33	21 58	1 25	17 23	6 3	17 37	0 50	18 54	0 50	22 25	1 2	21 39	0 30	22 26	1 2	16 15	16 17	16 29	16 16	26 15	2 6	4 13
T 12	19 57	23 2	1 45	22 6	1 15	17 25	6 2	17 47	0 49	18 56	0 50	22 25	1 2	21 38	0 30	22 26	1 2	16 14	16 16	16 29	16 15	26 14	2 5	4 13
F 13	19 43	26 0	2 53	22 13	1 5	17 27	6 0	17 57	0 49	18 58	0 51	22 25	1 2	21 38	0 30	22 26	1 2	16 13	16 16	16 28	16 14	26 13	2 4	4 13
S 14	19 29	27 14	3 51	22 19	0 55	17 29	5 58	18 6	0 48	19 1	0 51	22 25	1 2	21 37	0 30	22 26	1 2	16 13	16 16	16 26	16 13	26 12	2 3	4 12
S 15	19 15	26 27	4 33	22 24	0 45	17 32	5 56	18 16	0 48	19 3	0 51	22 25	1 2	21 36	0 30	22 27	1 2	16 12	16 15	16 23	16 12	26 12	2 2	4 12
M16	19 0	23 41	4 56	22 29	0 36	17 35	5 54	18 25	0 47	19 5	0 51	22 26	1 2	21 36	0 30	22 27	1 2	16 11	16 15	16 20	16 11	26 11	2 1	4 12
T 17	18 45	19 15	4 58	22 32	0 26	17 38	5 51	18 34	0 47	19 7	0 51	22 26	1 2	21 35	0 30	22 27	1 2	16 11	16 15	16 17	16 10	26 10	2 0	4 12
W18	18 30	13 40	4 40	22 35	0 17	17 41	5 48	18 43	0 46	19 9	0 51	22 26	1 2	21 34	0 30	22 27	1 2	16 10	16 15	16 14	16 9	26 9	1 59	4 12
T 19	18 14	7 26	4 3	22 37	0 8	17 45	5 45	18 52	0 46	19 12	0 51	22 26	1 2	21 34	0 30	22 27	1 2	16 9	16 14	16 11	16 8	26 8	1 58	4 11
F 20	17 58	1 2	3 12	22 37	0s 1	17 49	5 41	19 1	0 45	19 14	0 52	22 26	1 2	21 33	0 30	22 27	1 2	16 9	16 14	16 9	16 7	26 7	1 57	4 11
S 21	17 42	5s13	2 11	22 37	0 9	17 52	5 37	19 10	0 44	19 16	0 52	22 26	1 2	21 33	0 30	22 27	1 2	16 8	16 14	16 8	16 6	26 6	1 56	4 11
S 22	17 25	11 1	1 6	22 35	0 18	17 56	5 34	19 18	0 44	19 18	0 52	22 26	1 2	21 32	0 30	22 27	1 2	16 8	16 14	16 8	16 5	26 5	1 55	4 11
M23	17 8	16 11	0s 1	22 32	0 26	18 0	5 30	19 27	0 43	19 20	0 52	22 26	1 2	21 31	0 30	22 27	1 2	16 7	16 13	16 8	16 5	26 4	1 54	4 11
T 24	16 51	20 32	1 6	22 28	0 33	18 4	5 25	19 35	0 43	19 22	0 52	22 27	1 2	21 31	0 30	22 27	1 1	16 6	16 13	16 8	16 4	26 3	1 53	4 10
W25	16 33	23 54	2 6	22 23	0 41	18 8	5 21	19 43	0 42	19 24	0 52	22 27	1 2	21 30	0 30	22 27	1 1	16 6	16 13	16 7	16 3	26 2	1 52	4 10
T 26	16 16	26 11	3 0	22 16	0 48	18 12	5 16	19 51	0 41	19 27	0 52	22 27	1 2	21 29	0 30	22 27	1 1	16 5	16 13	16 6	16 2	26 1	1 51	4 10
F 27	15 58	27 14	3 46	22 8	0 55	18 15	5 12	19 59	0 41	19 29	0 52	22 27	1 2	21 29	0 30	22 27	1 1	16 4	16 12	16 4	16 1	26 1	1 49	4 10
S 28	15 39	27 2	4 22	21 59	1 2	18 19	5 7	20 7	0 40	19 31	0 52	22 27	1 2	21 28	0 30	22 27	1 1	16 3	16 12	16 1	16 0	26 0	1 48	4 10
S 29	15 21	25 37	4 46	21 49	1 9	18 22	5 2	20 14	0 39	19 33	0 52	22 27	1 2	21 28	0 30	22 27	1 1	16 3	16 12	15 57	15 59	25 59	1 47	4 9
M30	15 2	23 3	4 58	21 37	1 15	18 26	4 57	20 22	0 39	19 35	0 52	22 27	1 2	21 27	0 30	22 27	1 1	16 2	16 12	15 53	15 58	25 58	1 46	4 9
T 31	14s43	19s29	4s57	21s24	1s21	18s29	4n52	20s29	0n38	19n37	0n52	22s27	1n 2	21s26	0s30	22n27	1s 1	16s 1	16s12	15n48	15n57	25s57	1s45	4n 9

Julian Day Number = 2296691.5, Delta T = 127.22 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'25, Lahiri = 17°56'25 Julian Calendar 1 Jan. 1576 == Greg. Calendar 11 Jan. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

FEBRUARY 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 20 18	21♒27'01	2♓15	2♒ 0	7♑14	5♐11	6°R 6	28♐32	26♑21	2°R13	26♓59	12°R51	13♉31	25♑20	15♓58	W 1
T 2	9 24 15	22°27'36	14°25	3°30	8° 0	5°47	5♌58	28°37	26°24	2♋13	27° 0	12♉39	13°28	25°26	16° 1	T 2
F 3	9 28 11	23°28'08	26°42	5° 1	8°48	6°22	5°51	28°42	26°27	2°12	27° 2	12°28	13°24	25°33	16° 5	F 3
S 4	9 32 8	24°28'39	9♈ 9	6°33	9°36	6°58	5°44	28°47	26°30	2°11	27° 3	12°21	13°21	25°40	16° 8	S 4
S 5	9 36 5	25°29'08	21°46	8° 6	10°25	7°34	5°36	28°52	26°34	2°10	27° 4	12°17	13°18	25°46	16°12	S 5
M 6	9 40 1	26°29'36	4♉38	9°40	11°15	8°10	5°29	28°57	26°37	2° 9	27° 5	12°16	13°15	25°53	16°15	M 6
T 7	9 43 58	27°30'01	17°46	11°15	12° 5	8°45	5°22	29° 2	26°40	2° 8	27° 7	12°D16	13°12	26° 0	16°19	T 7
W 8	9 47 54	28°30'25	1♊15	12°51	12°57	9°21	5°16	29° 6	26°43	2° 7	27° 8	12°R16	13° 9	26° 7	16°23	W 8
T 9	9 51 51	29°30'46	15° 5	14°27	13°49	9°56	5° 9	29°11	26°46	2° 7	27° 9	12°15	13° 5	26°13	16°26	T 9
F 10	9 55 47	0♓31'06	29°19	16° 5	14°41	10°32	5° 2	29°15	26°49	2° 6	27°11	12°12	13° 2	26°20	16°30	F 10
S 11	9 59 44	1°31'24	13♋55	17°44	15°35	11° 7	4°56	29°20	26°52	2° 5	27°12	12° 6	12°59	26°27	16°34	S 11
S 12	10 3 41	2°31'39	28°49	19°24	16°29	11°42	4°49	29°24	26°56	2° 4	27°14	11°58	12°56	26°33	16°37	S 12
M13	10 7 37	3°31'53	13♌54	21° 5	17°23	12°18	4°43	29°29	26°59	2° 4	27°15	11°48	12°53	26°40	16°41	M13
T 14	10 11 34	4°32'04	28°59	22°46	18°18	12°53	4°37	29°33	27° 2	2° 3	27°16	11°38	12°49	26°47	16°45	T 14
W15	10 15 30	5°32'14	13♍56	24°29	19°14	13°28	4°31	29°37	27° 4	2° 3	27°18	11°28	12°46	26°54	16°48	W15
T 16	10 19 27	6°32'22	28°34	26°13	20°10	14° 3	4°25	29°41	27° 7	2° 2	27°19	11°20	12°43	27° 0	16°52	T 16
F 17	10 23 23	7°32'28	12♎47	27°58	21° 7	14°38	4°19	29°45	27°10	2° 2	27°21	11°14	12°40	27° 7	16°56	F 17
S 18	10 27 20	8°32'32	26°32	29°44	22° 4	15°13	4°14	29°49	27°13	2° 1	27°22	11°11	12°37	27°14	17° 0	S 18
S 19	10 31 16	9°32'35	9♏49	1♓31	23° 2	15°48	4° 9	29°53	27°16	2° 1	27°23	11°D10	12°34	27°20	17° 3	S 19
M20	10 35 13	10°32'36	22°39	3°19	24° 0	16°23	4° 3	29°57	27°19	2° 0	27°25	11°10	12°30	27°27	17° 7	M20
T 21	10 39 9	11°32'36	5♐ 8	5° 9	24°58	16°58	3°58	0♑ 0	27°22	2° 0	27°26	11°11	12°27	27°34	17°11	T 21
W22	10 43 6	12°32'34	17°19	6°59	25°57	17°32	3°53	0° 4	27°24	1°59	27°28	11°R11	12°24	27°41	17°15	W22
T 23	10 47 3	13°32'30	29°18	8°51	26°57	18° 7	3°49	0° 7	27°27	1°59	27°29	11°10	12°21	27°47	17°18	T 23
F 24	10 50 59	14°32'25	11♑11	10°43	27°56	18°41	3°44	0°11	27°30	1°59	27°31	11° 6	12°18	27°54	17°22	F 24
S 25	10 54 56	15°32'18	23° 1	12°37	28°57	19°16	3°40	0°14	27°32	1°59	27°32	11° 0	12°15	28° 1	17°26	S 25
S 26	10 58 52	16°32'09	4♒53	14°32	29°57	19°50	3°35	0°17	27°35	1°58	27°34	10°52	12°11	28° 8	17°30	S 26
M27	11 2 49	17°31'59	16°49	16°28	0♒58	20°24	3°31	0°21	27°38	1°58	27°35	10°42	12° 8	28°14	17°34	M27
T 28	11 6 45	18°31'46	28°53	18°25	1°59	20°59	3°27	0°24	27°40	1°58	27°37	10°32	12° 5	28°21	17°37	T 28
W29	11 10 42	19♓31'32	11♓ 6	20♓22	3♒ 1	21♐33	3♌24	0♑27	27♑43	1♋58	27♓38	10♉22	12♉ 2	28♑28	17♓41	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s23	15s 5	4s43	21s10	1s26	18s32	4n46	20s36	0n37	19n39	0n53	22s27	1n 2	21s26	0s30	22n27	1s 1	16s 1	16s11	15n44	15n56	25s56	1s43	4n 9
T 2	14 4	10 4	4 15	20 54	1 31	18 35	4 41	20 43	0 36	19 40	0 53	22 27	1 2	21 25	0 30	22 28	1 1	16 0	16 11	15 40	15 55	25 55	1 42	4 9
F 3	13 44	4 37	3 36	20 37	1 36	18 37	4 36	20 50	0 36	19 42	0 53	22 27	1 2	21 25	0 30	22 28	1 1	15 59	16 11	15 37	15 54	25 54	1 41	4 9
S 4	13 24	1n 6	2 45	20 19	1 41	18 39	4 30	20 57	0 35	19 44	0 53	22 27	1 2	21 24	0 30	22 28	1 1	15 59	16 11	15 35	15 53	25 53	1 40	4 9
S 5	13 3	6 52	1 46	19 59	1 45	18 41	4 25	21 4	0 34	19 46	0 53	22 27	1 2	21 23	0 30	22 28	1 1	15 58	16 11	15 34	15 52	25 52	1 39	4 8
M 6	12 43	12 28	0 40	19 38	1 49	18 43	4 19	21 10	0 33	19 48	0 53	22 27	1 2	21 23	0 30	22 28	1 1	15 57	16 11	15 33	15 51	25 51	1 37	4 8
T 7	12 22	17 38	0n29	19 15	1 53	18 44	4 13	21 17	0 33	19 50	0 53	22 27	1 2	21 22	0 30	22 28	1 1	15 57	16 10	15 33	15 50	25 50	1 36	4 8
W 8	12 1	22 4	1 39	18 51	1 56	18 45	4 8	21 23	0 32	19 51	0 53	22 27	1 2	21 22	0 30	22 28	1 1	15 56	16 10	15 33	15 49	25 48	1 35	4 8
T 9	11 40	25 23	2 45	18 26	1 59	18 46	4 2	21 29	0 31	19 53	0 53	22 27	1 2	21 21	0 30	22 28	1 1	15 55	16 10	15 33	15 48	25 47	1 33	4 8
F 10	11 19	27 12	3 42	17 59	2 2	18 47	3 56	21 35	0 30	19 55	0 53	22 27	1 2	21 20	0 31	22 28	1 1	15 55	16 10	15 32	15 47	25 46	1 32	4 8
S 11	10 57	27 11	4 27	17 31	2 4	18 46	3 50	21 41	0 29	19 56	0 53	22 27	1 2	21 20	0 31	22 28	1 1	15 54	16 10	15 30	15 46	25 45	1 31	4 8
S 12	10 36	25 14	4 54	17 1	2 6	18 46	3 44	21 46	0 28	19 58	0 53	22 27	1 2	21 19	0 31	22 28	1 1	15 53	16 10	15 28	15 45	25 44	1 30	4 8
M13	10 14	21 30	5 2	16 31	2 7	18 45	3 38	21 52	0 27	19 59	0 53	22 27	1 2	21 19	0 31	22 28	1 1	15 53	16 9	15 25	15 44	25 43	1 28	4 7
T 14	9 52	16 21	4 48	15 58	2 8	18 44	3 32	21 57	0 27	20 1	0 53	22 27	1 2	21 18	0 31	22 28	1 1	15 52	16 9	15 22	15 43	25 42	1 27	4 7
W15	9 30	10 16	4 15	15 24	2 8	18 43	3 26	22 3	0 26	20 2	0 53	22 27	1 2	21 18	0 31	22 28	1 1	15 51	16 9	15 19	15 43	25 41	1 26	4 7
T 16	9 8	3 43	3 26	14 49	2 8	18 41	3 20	22 8	0 25	20 4	0 53	22 27	1 3	21 17	0 31	22 28	1 1	15 51	16 9	15 16	15 42	25 40	1 24	4 7
F 17	8 46	2s50	2 25	14 13	2 8	18 38	3 14	22 13	0 24	20 5	0 53	22 27	1 3	21 17	0 31	22 28	1 1	15 50	16 9	15 14	15 41	25 39	1 23	4 7
S 18	8 23	9 4	1 17	13 35	2 7	18 35	3 8	22 18	0 23	20 6	0 53	22 27	1 3	21 16	0 31	22 28	1 1	15 49	16 9	15 13	15 40	25 38	1 21	4 7
S 19	8 1	14 40	0 7	12 55	2 6	18 32	3 2	22 22	0 22	20 8	0 53	22 27	1 3	21 15	0 31	22 28	1 0	15 49	16 9	15 13	15 39	25 36	1 20	4 7
M20	7 38	19 28	1s 1	12 15	2 4	18 28	2 56	22 27	0 21	20 9	0 53	22 27	1 3	21 15	0 31	22 28	1 0	15 48	16 9	15 13	15 38	25 35	1 19	4 7
T 21	7 15	23 15	2 4	11 32	2 2	18 24	2 50	22 32	0 20	20 10	0 53	22 27	1 3	21 14	0 31	22 28	1 0	15 47	16 9	15 13	15 37	25 34	1 17	4 7
W22	6 52	25 53	3 1	10 49	1 59	18 19	2 44	22 36	0 19	20 11	0 53	22 27	1 3	21 14	0 31	22 29	1 0	15 47	16 8	15 13	15 36	25 33	1 16	4 7
T 23	6 29	27 18	3 48	10 4	1 56	18 14	2 38	22 40	0 18	20 12	0 53	22 27	1 3	21 13	0 31	22 29	1 0	15 46	16 8	15 13	15 35	25 32	1 15	4 6
F 24	6 6	27 25	4 25	9 18	1 52	18 8	2 32	22 44	0 17	20 13	0 53	22 27	1 3	21 13	0 31	22 29	1 0	15 45	16 8	15 12	15 34	25 31	1 13	4 6
S 25	5 43	26 18	4 50	8 30	1 48	18 2	2 26	22 48	0 16	20 14	0 53	22 27	1 3	21 12	0 31	22 29	1 0	15 45	16 8	15 10	15 33	25 30	1 12	4 6
S 26	5 20	24 0	5 3	7 41	1 43	17 55	2 20	22 52	0 15	20 15	0 53	22 27	1 3	21 12	0 31	22 29	1 0	15 44	16 8	15 7	15 32	25 28	1 10	4 6
M27	4 56	20 39	5 3	6 51	1 38	17 48	2 14	22 55	0 14	20 16	0 53	22 27	1 3	21 11	0 31	22 29	1 0	15 43	16 8	15 4	15 31	25 27	1 9	4 6
T 28	4 33	16 24	4 50	6 0	1 32	17 41	2 8	22 59	0 12	20 17	0 53	22 27	1 3	21 11	0 31	22 29	1 0	15 43	16 8	15 1	15 30	25 26	1 8	4 6
W29	4s 9	11s28	4s23	5s 8	1s26	17s33	2n 3	23s 2	0n11	20n18	0n53	22s27	1n 3	21s10	0s31	22n29	1s 0	15s42	16s 8	14n58	15n29	25s25	1s 6	4n 6

Julian Day Number = 2296722.5, Delta T = 127.06 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'29, Lahiri = 17°56'29 Julian Calendar 1 Feb. 1576 == Greg. Calendar 11 Feb. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

MARCH 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 14 38	20♓31'15	23♓29	22♓21	4♒ 3	22♐ 7	3°R20	0♑30	27♑45	1°R58	27♓40	10°R13	11♉59	28♑34	17♓45	T 1
F 2	11 18 35	21°30'56	6♈ 1	24°20	5° 5	22°41	3♌17	0°32	27°48	1♋58	27°41	10♉ 6	11°55	28°41	17°49	F 2
S 3	11 22 32	22°30'36	18°45	26°20	6° 7	23°14	3°14	0°35	27°50	1°D58	27°42	10° 1	11°52	28°48	17°52	S 3
S 4	11 26 28	23°30'13	1♉40	28°21	7°10	23°48	3°11	0°38	27°52	1°58	27°44	9°59	11°49	28°55	17°56	S 4
M 5	11 30 25	24°29'48	14°47	0♈21	8°13	24°22	3° 8	0°40	27°55	1°58	27°45	9°D59	11°46	29° 1	18° 0	M 5
T 6	11 34 21	25°29'21	28° 7	2°22	9°16	24°55	3° 5	0°43	27°57	1°58	27°47	10° 0	11°43	29° 8	18° 4	T 6
W 7	11 38 18	26°28'51	11♊41	4°23	10°20	25°29	3° 3	0°45	27°59	1°58	27°48	10° 1	11°40	29°15	18° 7	W 7
T 8	11 42 14	27°28'20	25°31	6°23	11°24	26° 2	3° 0	0°47	28° 1	1°58	27°50	10°R 2	11°36	29°21	18°11	T 8
F 9	11 46 11	28°27'46	9♋36	8°22	12°28	26°35	2°58	0°50	28° 4	1°58	27°51	10° 2	11°33	29°28	18°15	F 9
S 10	11 50 7	29°27'09	23°55	10°20	13°32	27° 8	2°56	0°52	28° 6	1°59	27°53	9°59	11°30	29°35	18°19	S 10
S 11	11 54 4	0♈26'30	8♌27	12°17	14°36	27°41	2°55	0°54	28° 8	1°59	27°54	9°55	11°27	29°42	18°22	S 11
M12	11 58 1	1°25'49	23° 5	14°12	15°41	28°14	2°53	0°56	28°10	1°59	27°56	9°50	11°24	29°48	18°26	M12
T 13	12 1 57	2°25'05	7♍45	16° 5	16°46	28°47	2°52	0°57	28°12	1°59	27°57	9°44	11°21	29°55	18°30	T 13
W14	12 5 54	3°24'19	22°18	17°55	17°51	29°19	2°51	0°59	28°14	2° 0	27°59	9°39	11°17	0♒ 2	18°33	W14
T 15	12 9 50	4°23'31	6♎39	19°42	18°56	29°52	2°50	1° 1	28°16	2° 0	28° 0	9°34	11°14	0° 8	18°37	T 15
F 16	12 13 47	5°22'41	20°41	21°26	20° 2	0♑24	2°49	1° 2	28°18	2° 1	28° 2	9°31	11°11	0°15	18°41	F 16
S 17	12 17 43	6°21'49	4♏21	23° 5	21° 7	0°56	2°49	1° 4	28°19	2° 1	28° 3	9°D30	11° 8	0°22	18°44	S 17
S 18	12 21 40	7°20'56	17°37	24°41	22°13	1°29	2°48	1° 5	28°21	2° 2	28° 5	9°30	11° 5	0°29	18°48	S 18
M19	12 25 36	8°20'00	0♐30	26°12	23°19	2° 1	2°D48	1° 6	28°23	2° 2	28° 6	9°31	11° 1	0°35	18°52	M19
T 20	12 29 33	9°19'02	13° 2	27°38	24°26	2°32	2°48	1° 7	28°25	2° 3	28° 8	9°33	10°58	0°42	18°55	T 20
W21	12 33 30	10°18'03	25°18	28°59	25°32	3° 4	2°48	1° 8	28°26	2° 3	28° 9	9°34	10°55	0°49	18°59	W21
T 22	12 37 26	11°17'02	7♑21	0♉15	26°38	3°36	2°49	1° 9	28°28	2° 4	28°11	9°R35	10°52	0°56	19° 2	T 22
F 23	12 41 23	12°15'59	19°16	1°25	27°45	4° 7	2°49	1°10	28°29	2° 5	28°12	9°35	10°49	1° 2	19° 6	F 23
S 24	12 45 19	13°14'55	1♒ 8	2°29	28°52	4°38	2°50	1°11	28°31	2° 5	28°14	9°34	10°46	1° 9	19° 9	S 24
S 25	12 49 16	14°13'48	13° 2	3°28	29°59	5°10	2°51	1°11	28°32	2° 6	28°15	9°31	10°42	1°16	19°13	S 25
M26	12 53 12	15°12'40	25° 2	4°20	1♓ 6	5°41	2°52	1°12	28°34	2° 7	28°17	9°28	10°39	1°22	19°16	M26
T 27	12 57 9	16°11'30	7♓11	5° 6	2°13	6°11	2°54	1°12	28°35	2° 7	28°18	9°24	10°36	1°29	19°20	T 27
W28	13 1 5	17°10'18	19°31	5°46	3°21	6°42	2°55	1°13	28°36	2° 8	28°19	9°20	10°33	1°36	19°23	W28
T 29	13 5 2	18° 9'04	2♈ 6	6°20	4°28	7°12	2°57	1°13	28°38	2° 9	28°21	9°17	10°30	1°43	19°27	T 29
F 30	13 8 58	19° 7'48	14°55	6°47	5°36	7°43	2°59	1°13	28°39	2°10	28°22	9°15	10°26	1°49	19°30	F 30
S 31	13 12 55	20♈ 6'30	27♈59	7♉ 8	6♓44	8♑13	3♌ 1	1°R13	28♑40	2♋11	28♓24	9♉13	10♉23	1♒56	19♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3s46	6s 1	3s43	4s15	1s19	17s24	1n57	23s 6	0n10	20n19	0n53	22s27	1n 3	21s10	0s31	22n29	1s 0	15s42	16s 8	14n55	15n28	25s24	1s 5	4n 6	
F 2	3 22	0 14	2 52	3 20	1 11	17 15	1 51	23 9	0 9	20 20	0 53	22 27	1 3	21 10	0 31	22 29	1 0	15 41	16 8	14 53	15 27	25 22	1 3	4 6	
S 3	2 59	5n38	1 52	2 25	1 3	17 5	1 45	23 12	0 8	20 20	0 53	22 27	1 3	21 9	0 31	22 29	1 0	15 40	16 8	14 51	15 26	25 21	1 2	4 6	
S 4	2 35	11 23	0 45	1 29	0 54	16 55	1 39	23 15	0 7	20 21	0 53	22 27	1 3	21 9	0 31	22 29	1 0	15 40	16 8	14 51	15 25	25 20	1 0	4 6	
M 5	2 11	16 43	0n26	0 33	0 45	16 45	1 34	23 17	0 5	20 22	0 53	22 27	1 3	21 8	0 31	22 29	1 0	15 39	16 8	14 51	15 24	25 19	0 59	4 6	
T 6	1 48	21 21	1 36	0n24	0 35	16 34	1 28	23 20	0 4	20 22	0 53	22 27	1 3	21 8	0 31	22 29	1 0	15 38	16 8	14 51	15 23	25 17	0 58	4 6	
W 7	1 24	24 56	2 43	1 22	0 25	16 22	1 23	23 22	0 3	20 23	0 53	22 27	1 3	21 7	0 31	22 29	1 0	15 38	16 8	14 51	15 22	25 16	0 56	4 6	
T 8	1 0	27 6	3 41	2 19	0 14	16 10	1 17	23 25	0 1	20 23	0 53	22 27	1 3	21 7	0 31	22 29	1 0	15 37	16 8	14 52	15 21	25 15	0 55	4 6	
F 9	0 37	27 35	4 27	3 16	0 3	15 58	1 12	23 27	0 0	20 24	0 53	22 26	1 3	21 7	0 31	22 29	1 0	15 37	16 8	14 51	15 20	25 14	0 53	4 6	
S 10	0 13	26 15	4 58	4 13	0n 8	15 45	1 6	23 29	0s 1	20 24	0 53	22 26	1 3	21 6	0 31	22 29	1 0	15 36	16 8	14 51	15 19	25 12	0 52	4 6	
S 11	0n11	23 10	5 10	5 10	0 20	15 31	1 1	23 31	0 3	20 24	0 53	22 26	1 3	21 6	0 31	22 29	1 0	15 36	16 8	14 49	15 18	25 11	0 50	4 6	
M12	0 34	18 36	5 1	6 6	0 31	15 17	0 55	23 33	0 4	20 25	0 53	22 26	1 3	21 5	0 31	22 29	1 0	15 35	16 8	14 48	15 17	25 10	0 49	4 6	
T 13	0 58	12 55	4 34	7 0	0 43	15 3	0 50	23 35	0 5	20 25	0 52	22 26	1 3	21 5	0 31	22 29	0 59	15 34	16 8	14 46	15 16	25 8	0 48	4 6	
W14	1 21	6 33	3 48	7 54	0 55	14 48	0 45	23 37	0 7	20 25	0 52	22 26	1 3	21 5	0 31	22 29	0 59	15 34	16 8	14 44	15 15	25 7	0 46	4 6	
T 15	1 45	0s 3	2 49	8 46	1 7	14 33	0 40	23 38	0 8	20 25	0 52	22 26	1 3	21 4	0 31	22 29	0 59	15 33	16 8	14 43	15 14	25 6	0 45	4 6	
F 16	2 8	6 32	1 41	9 36	1 19	14 18	0 35	23 40	0 10	20 25	0 52	22 26	1 3	21 4	0 31	22 30	0 59	15 33	16 8	14 42	15 13	25 5	0 43	4 6	
S 17	2 32	12 34	0 28	10 24	1 31	14 1	0 30	23 41	0 11	20 26	0 52	22 26	1 3	21 4	0 31	22 30	0 59	15 32	16 8	14 41	15 12	25 3	0 42	4 6	
S 18	2 55	17 50	0s44	11 10	1 42	13 45	0 25	23 42	0 13	20 26	0 52	22 26	1 3	21 3	0 31	22 30	0 59	15 32	16 8	14 41	15 11	25 2	0 40	4 6	
M19	3 19	22 8	1 52	11 53	1 53	13 28	0 20	23 43	0 14	20 26	0 52	22 26	1 4	21 3	0 32	22 30	0 59	15 31	16 8	14 42	15 10	25 1	0 39	4 6	
T 20	3 42	25 17	2 53	12 34	2 3	13 11	0 15	23 44	0 16	20 25	0 52	22 26	1 4	21 3	0 32	22 30	0 59	15 31	16 8	14 42	15 9	24 59	0 38	4 6	
W21	4 5	27 9	3 45	13 13	2 13	12 53	0 10	23 45	0 18	20 25	0 52	22 26	1 4	21 2	0 32	22 30	0 59	15 30	16 8	14 43	15 8	24 58	0 36	4 6	
T 22	4 28	27 42	4 25	13 48	2 22	12 35	0 5	23 46	0 19	20 25	0 52	22 26	1 4	21 2	0 32	22 30	0 59	15 30	16 9	14 43	15 7	24 57	0 35	4 6	
F 23	4 52	26 57	4 54	14 21	2 31	12 16	0 1	23 47	0 21	20 25	0 52	22 26	1 4	21 2	0 32	22 30	0 59	15 29	16 9	14 43	15 6	24 55	0 33	4 6	
S 24	5 15	24 59	5 10	14 51	2 39	11 57	0s 4	23 47	0 23	20 25	0 52	22 26	1 4	21 1	0 32	22 30	0 59	15 29	16 9	14 43	15 5	24 54	0 32	4 6	
S 25	5 37	21 56	5 13	15 17	2 45	11 38	0 8	23 48	0 24	20 25	0 52	22 26	1 4	21 1	0 32	22 30	0 59	15 28	16 9	14 42	15 4	24 52	0 31	4 6	
M26	6 0	17 57	5 2	15 41	2 51	11 18	0 12	23 49	0 26	20 24	0 52	22 26	1 4	21 1	0 32	22 30	0 59	15 28	16 9	14 41	15 3	24 51	0 29	4 6	
T 27	6 23	13 11	4 38	16 1	2 56	10 58	0 17	23 49	0 28	20 24	0 52	22 26	1 4	21 1	0 32	22 30	0 59	15 27	16 9	14 40	15 2	24 50	0 28	4 6	
W28	6 46	7 50	4 0	16 18	3 0	10 38	0 21	23 49	0 30	20 23	0 52	22 26	1 4	21 0	0 32	22 30	0 59	15 27	16 9	14 38	15 1	24 48	0 26	4 6	
T 29	7 8	2 4	3 10	16 32	3 2	10 17	0 25	23 49	0 32	20 23	0 52	22 26	1 4	21 0	0 32	22 30	0 59	15 26	16 9	14 37	15 0	24 47	0 25	4 6	
F 30	7 30	3n54	2 10	16 42	3 4	9 56	0 29	23 50	0 33	20 22	0 51	22 26	1 4	21 0	0 32	22 30	0 59	15 26	16 9	14 37	14 59	24 45	0 24	4 6	
S 31	7n53	9n49	1s 2	16n49	3n 4	9s34	0s33	23s50	0s35	20n22	0n51	22s26	1n 4	21s 0	0s32	22n30	0s59	15s25	16s10	14n36	14n58	24s44	0s22	4n 6	

Julian Day Number = 2296751.5, Delta T = 126.92 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'33, Lahiri = 17°56'33 Julian Calendar 1 March 1576 == Greg. Calendar 11 March 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

APRIL 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 52	21♈ 5'11	11♉16	7♉23	7♓52	8♑43	3♌ 3	1°R13	28♑41	2♋12	28♓25	9°D13	10♉20	2♒ 3	19♓37	S 1
M 2	13 20 48	22° 3'49	24°47	7°32	9° 0	9°12	3° 5	1♑13	28°42	2°13	28°26	9♉14	10°17	2° 9	19°40	M 2
T 3	13 24 45	23° 2'25	8♊30	7°R34	10° 8	9°42	3° 8	1°12	28°43	2°14	28°28	9°15	10°14	2°16	19°44	T 3
W 4	13 28 41	24° 0'59	22°23	7°31	11°16	10°11	3°11	1°12	28°44	2°15	28°29	9°16	10°11	2°23	19°47	W 4
T 5	13 32 38	24°59'31	6♋24	7°21	12°24	10°40	3°14	1°12	28°45	2°16	28°31	9°17	10° 7	2°30	19°50	T 5
F 6	13 36 34	25°58'01	20°33	7° 7	13°33	11° 9	3°17	1°11	28°46	2°17	28°32	9°R17	10° 4	2°36	19°53	F 6
S 7	13 40 31	26°56'29	4♌46	6°47	14°41	11°38	3°20	1°10	28°47	2°18	28°33	9°17	10° 1	2°43	19°56	S 7
S 8	13 44 28	27°54'54	19° 2	6°23	15°50	12° 6	3°24	1°10	28°48	2°19	28°35	9°17	9°58	2°50	20° 0	S 8
M 9	13 48 24	28°53'17	3♍17	5°55	16°58	12°34	3°27	1° 9	28°48	2°20	28°36	9°16	9°55	2°57	20° 3	M 9
T 10	13 52 21	29°51'38	17°29	5°24	18° 7	13° 2	3°31	1° 8	28°49	2°22	28°37	9°15	9°52	3° 3	20° 6	T 10
W11	13 56 17	0♉49'56	1♎33	4°49	19°16	13°30	3°35	1° 7	28°50	2°23	28°39	9°13	9°48	3°10	20° 9	W11
T 12	14 0 14	1°48'13	15°27	4°12	20°25	13°57	3°39	1° 6	28°50	2°24	28°40	9°13	9°45	3°17	20°12	T 12
F 13	14 4 10	2°46'28	29° 6	3°34	21°34	14°25	3°44	1° 5	28°51	2°25	28°41	9°12	9°42	3°23	20°15	F 13
S 14	14 8 7	3°44'41	12♏29	2°55	22°43	14°52	3°48	1° 3	28°51	2°27	28°42	9°D12	9°39	3°30	20°18	S 14
S 15	14 12 3	4°42'53	25°34	2°16	23°52	15°19	3°53	1° 2	28°52	2°28	28°44	9°12	9°36	3°37	20°21	S 15
M16	14 16 0	5°41'03	8♐21	1°37	25° 2	15°45	3°58	1° 0	28°52	2°29	28°45	9°13	9°32	3°44	20°24	M16
T 17	14 19 56	6°39'11	20°52	1° 0	26°11	16°11	4° 3	0°59	28°53	2°31	28°46	9°13	9°29	3°50	20°27	T 17
W18	14 23 53	7°37'18	3♑ 8	0°25	27°20	16°37	4° 8	0°57	28°53	2°32	28°47	9°13	9°26	3°57	20°29	W18
T 19	14 27 50	8°35'23	15°12	29♈52	28°30	17° 3	4°13	0°55	28°53	2°34	28°49	9°13	9°23	4° 4	20°32	T 19
F 20	14 31 46	9°33'27	27° 9	29°22	29°40	17°28	4°18	0°54	28°53	2°35	28°50	9°R13	9°20	4°10	20°35	F 20
S 21	14 35 43	10°31'29	9♒ 3	28°55	0♈49	17°53	4°24	0°52	28°53	2°37	28°51	9°D13	9°17	4°17	20°38	S 21
S 22	14 39 39	11°29'30	20°57	28°32	1°59	18°18	4°30	0°50	28°54	2°38	28°52	9°13	9°13	4°24	20°40	S 22
M23	14 43 36	12°27'30	2♓58	28°13	3° 9	18°42	4°36	0°47	28°R54	2°40	28°53	9°14	9°10	4°31	20°43	M23
T 24	14 47 32	13°25'28	15° 8	27°59	4°19	19° 7	4°42	0°45	28°54	2°41	28°54	9°14	9° 7	4°37	20°46	T 24
W25	14 51 29	14°23'25	27°33	27°49	5°29	19°30	4°48	0°43	28°53	2°43	28°56	9°14	9° 4	4°44	20°48	W25
T 26	14 55 25	15°21'20	10♈15	27°43	6°39	19°54	4°54	0°41	28°53	2°45	28°57	9°15	9° 1	4°51	20°51	T 26
F 27	14 59 22	16°19'14	23°16	27°D43	7°49	20°17	5° 1	0°38	28°53	2°46	28°58	9°15	8°58	4°58	20°53	F 27
S 28	15 3 19	17°17'07	6♉37	27°46	8°59	20°39	5° 7	0°36	28°53	2°48	28°59	9°R16	8°54	5° 4	20°56	S 28
S 29	15 7 15	18°14'58	20°17	27°55	10° 9	21° 2	5°14	0°33	28°53	2°50	29° 0	9°16	8°51	5°11	20°58	S 29
M30	15 11 12	19♉12'48	4♊14	28♈ 8	11♈19	21♑24	5♌21	0♑30	28♑52	2♋51	29♓ 1	9♉15	8♉48	5♒18	21♓ 0	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n15	15n26	0n11	16n53	3n 3	9s13	0s37	23s50	0s37	20n21	0n51	22s26	1n 4	21s 0	0s32	22n30	0s59	15s25	16s10	14n36	14n57	24s43	0s21	4n 6
M 2	8 37	20 23	1 25	16 53	3 0	8 51	0 41	23 50	0 39	20 21	0 51	22 26	1 4	20 59	0 32	22 30	0 59	15 25	16 10	14 36	14 56	24 41	0 20	4 6
T 3	8 59	24 19	2 35	16 50	2 56	8 28	0 44	23 49	0 41	20 20	0 51	22 25	1 4	20 59	0 32	22 30	0 59	15 24	16 10	14 37	14 55	24 40	0 18	4 6
W 4	9 20	26 52	3 36	16 44	2 51	8 6	0 48	23 49	0 43	20 19	0 51	22 25	1 4	20 59	0 32	22 30	0 59	15 24	16 10	14 37	14 54	24 38	0 17	4 6
T 5	9 42	27 46	4 26	16 35	2 44	7 43	0 51	23 49	0 45	20 19	0 51	22 25	1 4	20 59	0 32	22 30	0 59	15 23	16 10	14 37	14 53	24 37	0 16	4 6
F 6	10 3	26 51	4 59	16 23	2 36	7 20	0 55	23 49	0 47	20 18	0 51	22 25	1 4	20 59	0 32	22 30	0 58	15 23	16 10	14 37	14 52	24 35	0 14	4 6
S 7	10 24	24 13	5 15	16 7	2 27	6 56	0 58	23 48	0 49	20 17	0 51	22 25	1 4	20 59	0 32	22 30	0 58	15 23	16 11	14 37	14 51	24 34	0 13	4 7
S 8	10 45	20 5	5 11	15 49	2 16	6 33	1 1	23 48	0 52	20 16	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 22	16 11	14 37	14 50	24 32	0 12	4 7
M 9	11 6	14 48	4 49	15 28	2 4	6 9	1 5	23 48	0 54	20 15	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 22	16 11	14 37	14 49	24 31	0 10	4 7
T 10	11 27	8 46	4 9	15 5	1 51	5 45	1 8	23 47	0 56	20 14	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 21	16 11	14 37	14 48	24 29	0 9	4 7
W11	11 47	2 20	3 14	14 40	1 37	5 20	1 11	23 47	0 58	20 13	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 21	16 11	14 36	14 47	24 28	0 8	4 7
T 12	12 8	4s 8	2 8	14 14	1 22	4 56	1 13	23 46	1 1	20 12	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 21	16 12	14 36	14 46	24 26	0 6	4 7
F 13	12 28	10 19	0 56	13 46	1 6	4 31	1 16	23 45	1 3	20 11	0 51	22 25	1 4	20 58	0 32	22 30	0 58	15 20	16 12	14 36	14 45	24 25	0 5	4 7
S 14	12 48	15 55	0s18	13 17	0 49	4 6	1 19	23 45	1 5	20 10	0 50	22 25	1 4	20 58	0 32	22 30	0 58	15 20	16 12	14 36	14 44	24 23	0 4	4 7
S 15	13 7	20 39	1 29	12 48	0 32	3 41	1 21	23 44	1 8	20 9	0 50	22 25	1 4	20 58	0 32	22 30	0 58	15 20	16 12	14 36	14 43	24 22	0 3	4 7
M16	13 27	24 18	2 35	12 18	0 15	3 16	1 24	23 44	1 10	20 8	0 50	22 25	1 4	20 58	0 32	22 30	0 58	15 20	16 12	14 36	14 42	24 20	0 1	4 7
T 17	13 46	26 41	3 31	11 49	0s 2	2 50	1 26	23 43	1 13	20 6	0 50	22 25	1 4	20 58	0 32	22 30	0 58	15 19	16 13	14 36	14 41	24 19	0 0	4 7
W18	14 5	27 44	4 16	11 21	0 19	2 25	1 29	23 42	1 15	20 5	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 19	16 13	14 36	14 40	24 17	0n 1	4 8
T 19	14 24	27 25	4 49	10 53	0 36	1 59	1 31	23 42	1 18	20 4	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 19	16 13	14 36	14 39	24 16	0 2	4 8
F 20	14 43	25 50	5 10	10 27	0 53	1 33	1 33	23 41	1 20	20 2	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 18	16 13	14 36	14 38	24 14	0 3	4 8
S 21	15 1	23 7	5 17	10 3	1 9	1 7	1 35	23 40	1 23	20 1	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 18	16 14	14 36	14 37	24 12	0 4	4 8
S 22	15 19	19 26	5 10	9 40	1 24	0 41	1 37	23 40	1 26	20 0	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 18	16 14	14 36	14 36	24 11	0 6	4 8
M23	15 37	14 57	4 50	9 20	1 39	0 15	1 39	23 39	1 29	19 58	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 18	16 14	14 36	14 35	24 9	0 7	4 8
T 24	15 54	9 49	4 17	9 1	1 53	0n11	1 40	23 38	1 31	19 57	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 18	16 14	14 36	14 34	24 8	0 8	4 8
W25	16 12	4 12	3 31	8 46	2 6	0 37	1 42	23 38	1 34	19 55	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 17	16 15	14 36	14 33	24 6	0 9	4 8
T 26	16 29	1n43	2 34	8 32	2 18	1 3	1 44	23 37	1 37	19 53	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 17	16 15	14 37	14 32	24 4	0 10	4 8
F 27	16 46	7 42	1 27	8 21	2 29	1 30	1 45	23 37	1 40	19 52	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 17	16 15	14 37	14 31	24 3	0 11	4 9
S 28	17 2	13 32	0 15	8 13	2 40	1 56	1 46	23 36	1 43	19 50	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 17	16 15	14 37	14 30	24 1	0 12	4 9
S 29	17 18	18 50	1n 1	8 8	2 49	2 23	1 48	23 36	1 46	19 48	0 50	22 25	1 4	20 58	0 33	22 30	0 58	15 17	16 16	14 37	14 29	24 0	0 13	4 9
M30	17n34	23n14	2n14	8n 4	2s57	2n49	1s49	23s35	1s49	19n47	0n50	22s25	1n 4	20s58	0s33	22n30	0s58	15s16	16s16	14n37	14n28	23s58	0n14	4n 9

Julian Day Number = 2296782.5, Delta T = 126.76 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'37, Lahiri = 17°56'38 Julian Calendar 1 Apr. 1576 == Greg. Calendar 11 Apr. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

MAY 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 15 8	20♉10'37	18♊25	28♈25	12♈29	21♑45	5♌28	0°R28	28°R52	2♋53	29♓ 2	9°R14	8♉45	5♒24	21♓ 3	T 1
W 2	15 19 5	21° 8'24	2♋44	28°47	13°40	22° 6	5°35	0♑25	28♑52	2°55	29° 3	9♉13	8°42	5°31	21° 5	W 2
T 3	15 23 1	22° 6'09	17° 8	29°13	14°50	22°27	5°42	0°22	28°51	2°57	29° 4	9°11	8°38	5°38	21° 7	T 3
F 4	15 26 58	23° 3'53	1♌31	29°43	16° 0	22°47	5°50	0°19	28°51	2°58	29° 5	9°10	8°35	5°45	21° 9	F 4
S 5	15 30 55	24° 1'35	15°50	0♉18	17°11	23° 7	5°57	0°16	28°50	3° 0	29° 6	9° 9	8°32	5°51	21°11	S 5
S 6	15 34 51	24°59'15	0♍ 1	0°56	18°21	23°26	6° 5	0°13	28°50	3° 2	29° 7	9°D 9	8°29	5°58	21°14	S 6
M 7	15 38 48	25°56'54	14° 3	1°38	19°32	23°45	6°13	0° 9	28°49	3° 4	29° 8	9°10	8°26	6° 5	21°16	M 7
T 8	15 42 44	26°54'31	27°54	2°24	20°42	24° 4	6°21	0° 6	28°48	3° 6	29° 9	9°11	8°23	6°12	21°18	T 8
W 9	15 46 41	27°52'06	11♎33	3°13	21°53	24°22	6°29	0° 3	28°47	3° 8	29°10	9°12	8°19	6°18	21°20	W 9
T 10	15 50 37	28°49'40	25° 0	4° 6	23° 4	24°39	6°37	29♐59	28°47	3° 9	29°10	9°13	8°16	6°25	21°21	T 10
F 11	15 54 34	29°47'13	8♏14	5° 2	24°14	24°56	6°45	29°56	28°46	3°11	29°11	9°R14	8°13	6°32	21°23	F 11
S 12	15 58 30	0♊44'45	21°14	6° 2	25°25	25°13	6°54	29°52	28°45	3°13	29°12	9°13	8°10	6°38	21°25	S 12
S 13	16 2 27	1°42'15	4♐ 2	7° 5	26°36	25°29	7° 2	29°49	28°44	3°15	29°13	9°12	8° 7	6°45	21°27	S 13
M14	16 6 24	2°39'44	16°37	8°11	27°47	25°45	7°11	29°45	28°43	3°17	29°14	9° 9	8° 4	6°52	21°29	M14
T 15	16 10 20	3°37'13	28°59	9°20	28°58	26° 0	7°19	29°42	28°42	3°19	29°14	9° 5	8° 0	6°59	21°30	T 15
W16	16 14 17	4°34'40	11♑11	10°32	0♉ 9	26°14	7°28	29°38	28°41	3°21	29°15	9° 1	7°57	7° 5	21°32	W16
T 17	16 18 13	5°32'07	23°13	11°47	1°20	26°28	7°37	29°34	28°40	3°23	29°16	8°57	7°54	7°12	21°33	T 17
F 18	16 22 10	6°29'33	5♒ 9	13° 4	2°31	26°41	7°46	29°30	28°39	3°25	29°17	8°53	7°51	7°19	21°35	F 18
S 19	16 26 6	7°26'58	17° 2	14°25	3°42	26°54	7°55	29°26	28°38	3°27	29°17	8°51	7°48	7°25	21°36	S 19
S 20	16 30 3	8°24'22	28°56	15°49	4°53	27° 6	8° 5	29°22	28°36	3°29	29°18	8°49	7°44	7°32	21°38	S 20
M21	16 33 59	9°21'46	10♓55	17°15	6° 4	27°18	8°14	29°18	28°35	3°31	29°19	8°D48	7°41	7°39	21°39	M21
T 22	16 37 56	10°19'09	23° 5	18°44	7°15	27°29	8°23	29°14	28°34	3°33	29°19	8°49	7°38	7°46	21°41	T 22
W23	16 41 53	11°16'31	5♈29	20°16	8°27	27°39	8°33	29°10	28°33	3°36	29°20	8°50	7°35	7°52	21°42	W23
T 24	16 45 49	12°13'53	18°12	21°51	9°38	27°49	8°43	29° 6	28°31	3°38	29°21	8°52	7°32	7°59	21°43	T 24
F 25	16 49 46	13°11'14	1♉18	23°28	10°49	27°58	8°52	29° 2	28°30	3°40	29°21	8°53	7°29	8° 6	21°44	F 25
S 26	16 53 42	14° 8'35	14°48	25° 8	12° 0	28° 6	9° 2	28°58	28°28	3°42	29°22	8°R53	7°25	8°13	21°45	S 26
S 27	16 57 39	15° 5'55	28°43	26°51	13°12	28°14	9°12	28°54	28°27	3°44	29°22	8°52	7°22	8°19	21°46	S 27
M28	17 1 35	16° 3'15	13♊ 1	28°36	14°23	28°20	9°22	28°50	28°25	3°46	29°23	8°49	7°19	8°26	21°47	M28
T 29	17 5 32	17° 0'34	27°37	0♋24	15°35	28°27	9°32	28°45	28°24	3°48	29°23	8°44	7°16	8°33	21°48	T 29
W30	17 9 28	17°57'53	12♋23	2°15	16°46	28°32	9°43	28°41	28°22	3°50	29°24	8°38	7°13	8°39	21°49	W30
T 31	17 13 25	18♊55'10	27♋13	4♊ 8	17♉58	28♑37	9♌53	28♐37	28♑20	3♋53	29♓24	8♉33	7♉10	8♒46	21♓50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n50	26n19	3n20	8n 4	3s 5	3n16	1s50	23s35	1s52	19n45	0n49	22s25	1n 4	20s58	0s33	22n30	0s58	15s16	16s16	14n36	14n27	23s56	0n15	4n 9
W 2	18 5	27 42	4 14	8 5	3 11	3 42	1 51	23 34	1 55	19 43	0 49	22 25	1 4	20 58	0 33	22 30	0 58	15 16	16 16	14 36	14 26	23 55	0 16	4 9
T 3	18 20	27 14	4 53	8 10	3 16	4 9	1 52	23 34	1 59	19 41	0 49	22 25	1 4	20 59	0 33	22 30	0 58	15 16	16 17	14 35	14 25	23 53	0 17	4 9
F 4	18 35	24 57	5 13	8 16	3 21	4 35	1 52	23 34	2 2	19 39	0 49	22 25	1 4	20 59	0 33	22 30	0 57	15 16	16 17	14 35	14 24	23 51	0 18	4 10
S 5	18 49	21 7	5 14	8 25	3 24	5 1	1 53	23 34	2 5	19 37	0 49	22 25	1 4	20 59	0 33	22 30	0 57	15 16	16 17	14 35	14 23	23 50	0 19	4 10
S 6	19 4	16 5	4 55	8 35	3 27	5 28	1 54	23 34	2 8	19 35	0 49	22 25	1 4	20 59	0 33	22 30	0 57	15 16	16 18	14 35	14 22	23 48	0 20	4 10
M 7	19 17	10 16	4 19	8 48	3 29	5 54	1 54	23 34	2 12	19 33	0 49	22 25	1 4	20 59	0 33	22 30	0 57	15 16	16 18	14 35	14 21	23 46	0 21	4 10
T 8	19 31	4 1	3 28	9 3	3 30	6 20	1 55	23 34	2 15	19 31	0 49	22 25	1 4	20 59	0 33	22 30	0 57	15 16	16 18	14 35	14 20	23 45	0 22	4 10
W 9	19 44	2s20	2 27	9 19	3 30	6 46	1 55	23 34	2 19	19 29	0 49	22 25	1 4	21 0	0 33	22 30	0 57	15 15	16 19	14 36	14 19	23 43	0 23	4 10
T 10	19 57	8 30	1 18	9 38	3 30	7 12	1 55	23 35	2 22	19 27	0 49	22 25	1 4	21 0	0 33	22 30	0 57	15 15	16 19	14 36	14 18	23 41	0 24	4 10
F 11	20 9	14 12	0 6	9 58	3 28	7 38	1 55	23 35	2 26	19 25	0 49	22 26	1 4	21 0	0 33	22 30	0 57	15 15	16 19	14 36	14 17	23 40	0 25	4 11
S 12	20 21	19 10	1s 6	10 19	3 26	8 4	1 55	23 36	2 30	19 23	0 49	22 26	1 4	21 0	0 33	22 30	0 57	15 15	16 20	14 36	14 16	23 38	0 26	4 11
S 13	20 33	23 10	2 12	10 42	3 23	8 29	1 55	23 36	2 33	19 21	0 49	22 26	1 4	21 0	0 33	22 30	0 57	15 15	16 20	14 36	14 15	23 36	0 27	4 11
M14	20 45	25 59	3 11	11 7	3 20	8 55	1 55	23 37	2 37	19 19	0 49	22 26	1 4	21 1	0 33	22 30	0 57	15 15	16 20	14 35	14 14	23 34	0 27	4 11
T 15	20 56	27 29	4 0	11 33	3 16	9 20	1 55	23 38	2 41	19 16	0 49	22 26	1 4	21 1	0 33	22 30	0 57	15 15	16 21	14 34	14 13	23 33	0 28	4 11
W16	21 6	27 37	4 37	12 0	3 11	9 45	1 55	23 39	2 45	19 14	0 49	22 26	1 4	21 1	0 33	22 30	0 57	15 15	16 21	14 32	14 12	23 31	0 29	4 11
T 17	21 17	26 26	5 1	12 28	3 5	10 10	1 55	23 40	2 49	19 12	0 49	22 26	1 4	21 1	0 33	22 30	0 57	15 15	16 21	14 31	14 11	23 29	0 30	4 12
F 18	21 27	24 4	5 12	12 57	2 59	10 35	1 54	23 41	2 52	19 9	0 49	22 26	1 4	21 2	0 33	22 30	0 57	15 15	16 22	14 30	14 10	23 27	0 31	4 12
S 19	21 36	20 41	5 10	13 27	2 53	11 0	1 54	23 43	2 56	19 7	0 49	22 26	1 4	21 2	0 34	22 30	0 57	15 15	16 22	14 29	14 9	23 26	0 31	4 12
S 20	21 46	16 27	4 54	13 58	2 46	11 24	1 53	23 44	3 0	19 4	0 49	22 26	1 4	21 2	0 34	22 30	0 57	15 15	16 22	14 28	14 7	23 24	0 32	4 12
M21	21 54	11 34	4 25	14 30	2 38	11 49	1 52	23 46	3 5	19 2	0 49	22 26	1 4	21 2	0 34	22 30	0 57	15 15	16 23	14 28	14 6	23 22	0 33	4 12
T 22	22 3	6 11	3 44	15 2	2 30	12 12	1 52	23 48	3 9	18 59	0 49	22 26	1 4	21 3	0 34	22 30	0 57	15 16	16 23	14 28	14 5	23 20	0 33	4 12
W23	22 11	0 27	2 52	15 35	2 21	12 36	1 51	23 50	3 13	18 57	0 48	22 26	1 4	21 3	0 34	22 30	0 57	15 16	16 23	14 29	14 4	23 19	0 34	4 13
T 24	22 19	5n27	1 50	16 9	2 12	13 0	1 50	23 52	3 17	18 54	0 48	22 26	1 4	21 3	0 34	22 30	0 57	15 16	16 24	14 29	14 3	23 17	0 35	4 13
F 25	22 26	11 19	0 41	16 42	2 3	13 23	1 49	23 54	3 21	18 52	0 48	22 26	1 4	21 4	0 34	22 30	0 57	15 16	16 24	14 30	14 2	23 15	0 35	4 13
S 26	22 33	16 50	0n32	17 16	1 53	13 46	1 48	23 57	3 26	18 49	0 48	22 26	1 4	21 4	0 34	22 30	0 57	15 16	16 24	14 30	14 1	23 13	0 36	4 13
S 27	22 40	21 39	1 46	17 50	1 43	14 8	1 47	23 59	3 30	18 46	0 48	22 26	1 4	21 4	0 34	22 30	0 57	15 16	16 25	14 29	14 0	23 11	0 36	4 13
M28	22 46	25 18	2 55	18 24	1 32	14 31	1 46	24 2	3 34	18 44	0 48	22 26	1 4	21 5	0 34	22 30	0 57	15 16	16 25	14 28	13 59	23 10	0 37	4 13
T 29	22 52	27 22	3 54	18 57	1 21	14 53	1 44	24 5	3 39	18 41	0 48	22 26	1 4	21 5	0 34	22 30	0 57	15 16	16 25	14 27	13 58	23 8	0 37	4 14
W30	22 57	27 31	4 38	19 30	1 11	15 15	1 43	24 9	3 43	18 38	0 48	22 26	1 4	21 5	0 34	22 30	0 57	15 16	16 26	14 25	13 57	23 6	0 38	4 14
T 31	23n 2	25n43	5n 3	20n 3	0s59	15n36	1s42	24s12	3s48	18n35	0n48	22s26	1n 3	21s 6	0s34	22n30	0s57	15s17	16s26	14n23	13n56	23s 4	0n38	4n14

Julian Day Number = 2296812.5, Delta T = 126.61 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'41, Lahiri = 17°56'42 Julian Calendar 1 May 1576 == Greg. Calendar 11 May 1576

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1576
geocentric

JUNE 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 17 22	19♊52'27	11♌58	6♊ 3	19♉ 9	28♑41	10♌ 3	28°R32	28°R19	3♋55	29♓24	8°R27	7♉ 6	8♒53	21♓51	F 1
S 2	17 21 18	20°49'43	26°31	8° 1	20°21	28°44	10°14	28♐28	28♑17	3°57	29°25	8♉24	7° 3	9° 0	21°52	S 2
S 3	17 25 15	21°46'59	10♍49	10° 1	21°33	28°47	10°24	28°24	28°15	3°59	29°25	8°21	7° 0	9° 6	21°52	S 3
M 4	17 29 11	22°44'13	24°48	12° 4	22°44	28°49	10°35	28°19	28°13	4° 1	29°26	8°D21	6°57	9°13	21°53	M 4
T 5	17 33 8	23°41'27	8♎29	14° 8	23°56	28°50	10°46	28°15	28°12	4° 4	29°26	8°22	6°54	9°20	21°53	T 5
W 6	17 37 4	24°38'40	21°52	16°13	25° 8	28°R50	10°56	28°10	28°10	4° 6	29°26	8°23	6°50	9°27	21°54	W 6
T 7	17 41 1	25°35'52	4♏59	18°21	26°19	28°50	11° 7	28° 6	28° 8	4° 8	29°27	8°R24	6°47	9°33	21°54	T 7
F 8	17 44 57	26°33'04	17°52	20°30	27°31	28°49	11°18	28° 2	28° 6	4°10	29°27	8°23	6°44	9°40	21°55	F 8
S 9	17 48 54	27°30'15	0♐32	22°39	28°43	28°47	11°29	27°57	28° 4	4°12	29°27	8°21	6°41	9°47	21°55	S 9
S 10	17 52 51	28°27'26	13° 2	24°50	29°55	28°44	11°40	27°53	28° 2	4°15	29°27	8°17	6°38	9°53	21°55	S 10
M11	17 56 47	29°24'37	25°22	27° 1	1♊ 7	28°41	11°51	27°48	28° 0	4°17	29°27	8°10	6°35	10° 0	21°56	M11
T 12	18 0 44	0♋21'47	7♑34	29°12	2°19	28°37	12° 3	27°44	27°58	4°19	29°28	8° 1	6°31	10° 7	21°56	T 12
W13	18 4 40	1°18'58	19°38	1♋23	3°31	28°32	12°14	27°40	27°56	4°21	29°28	7°52	6°28	10°14	21°56	W13
T 14	18 8 37	2°16'08	1♒36	3°33	4°43	28°27	12°25	27°35	27°54	4°24	29°28	7°42	6°25	10°20	21°56	T 14
F 15	18 12 33	3°13'18	13°30	5°43	5°55	28°20	12°37	27°31	27°52	4°26	29°28	7°32	6°22	10°27	21°R56	F 15
S 16	18 16 30	4°10'29	25°22	7°52	7° 7	28°13	12°48	27°26	27°50	4°28	29°28	7°24	6°19	10°34	21°56	S 16
S 17	18 20 27	5° 7'39	7♓15	10° 0	8°19	28° 6	13° 0	27°22	27°48	4°30	29°28	7°19	6°16	10°41	21°56	S 17
M18	18 24 23	6° 4'49	19°13	12° 7	9°31	27°57	13°11	27°18	27°45	4°33	29°28	7°15	6°12	10°47	21°56	M18
T 19	18 28 20	7° 2'00	1♈20	14°13	10°43	27°48	13°23	27°13	27°43	4°35	29°R28	7°13	6° 9	10°54	21°56	T 19
W20	18 32 16	7°59'11	13°41	16°17	11°55	27°38	13°35	27° 9	27°41	4°37	29°28	7°D13	6° 6	11° 1	21°55	W20
T 21	18 36 13	8°56'23	26°21	18°19	13° 8	27°28	13°47	27° 5	27°39	4°39	29°28	7°14	6° 3	11° 7	21°55	T 21
F 22	18 40 9	9°53'35	9♉25	20°20	14°20	27°17	13°58	27° 1	27°37	4°41	29°28	7°R14	6° 0	11°14	21°55	F 22
S 23	18 44 6	10°50'47	22°56	22°19	15°32	27° 5	14°10	26°56	27°34	4°44	29°28	7°13	5°56	11°21	21°54	S 23
S 24	18 48 2	11°48'00	6♊55	24°16	16°45	26°53	14°22	26°52	27°32	4°46	29°28	7°10	5°53	11°28	21°54	S 24
M25	18 51 59	12°45'13	21°22	26°11	17°57	26°40	14°34	26°48	27°30	4°48	29°28	7° 5	5°50	11°34	21°53	M25
T 26	18 55 56	13°42'27	6♋11	28° 5	19°10	26°26	14°46	26°44	27°27	4°50	29°28	6°57	5°47	11°41	21°53	T 26
W27	18 59 52	14°39'41	21°17	29°56	20°22	26°12	14°58	26°40	27°25	4°53	29°28	6°47	5°44	11°48	21°52	W27
T 28	19 3 49	15°36'55	6♌27	1♌46	21°35	25°58	15°11	26°36	27°23	4°55	29°27	6°38	5°41	11°54	21°51	T 28
F 29	19 7 45	16°34'10	21°33	3°34	22°47	25°43	15°23	26°32	27°20	4°57	29°27	6°29	5°37	12° 1	21°51	F 29
S 30	19 11 42	17♋31'24	6♍24	5♌19	24♊ 0	25♑28	15♌35	26♐28	27♑18	4♋59	29♓27	6♉21	5♉34	12♒ 8	21♓50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 7	22n11	5n 9	20n35	0s48	15n57	1s40	24s15	3s52	18n33	0n48	22s26	1n 3	21s 6	0s34	22n29	0s57	15s17	16s26	14n21	13n55	23s 2	0n39	4n14
S 2	23 11	17 18	4 54	21 6	0 37	16 18	1 39	24 19	3 57	18 30	0 48	22 26	1 3	21 6	0 34	22 29	0 57	15 17	16 27	14 20	13 54	23 0	0 39	4 14
S 3	23 14	11 33	4 21	21 35	0 25	16 38	1 37	24 23	4 1	18 27	0 48	22 26	1 3	21 7	0 34	22 29	0 57	15 17	16 27	14 19	13 53	22 58	0 40	4 14
M 4	23 18	5 20	3 33	22 3	0 14	16 58	1 35	24 27	4 6	18 24	0 48	22 26	1 3	21 7	0 34	22 29	0 57	15 17	16 28	14 19	13 52	22 57	0 40	4 15
T 5	23 21	1s 0	2 34	22 30	0 3	17 17	1 34	24 31	4 10	18 21	0 48	22 26	1 3	21 8	0 34	22 29	0 57	15 17	16 28	14 20	13 51	22 55	0 41	4 15
W 6	23 23	7 11	1 28	22 55	0n 8	17 36	1 32	24 36	4 15	18 18	0 48	22 26	1 3	21 8	0 34	22 29	0 57	15 18	16 28	14 20	13 50	22 53	0 41	4 15
T 7	23 25	12 55	0 18	23 18	0 19	17 55	1 30	24 40	4 19	18 15	0 48	22 26	1 3	21 8	0 34	22 29	0 57	15 18	16 29	14 20	13 49	22 51	0 41	4 15
F 8	23 27	18 0	0s51	23 38	0 29	18 13	1 28	24 45	4 24	18 12	0 48	22 26	1 3	21 9	0 34	22 29	0 57	15 18	16 29	14 20	13 48	22 49	0 42	4 15
S 9	23 28	22 12	1 56	23 56	0 39	18 31	1 26	24 50	4 29	18 9	0 48	22 26	1 3	21 9	0 34	22 29	0 57	15 18	16 29	14 19	13 47	22 47	0 42	4 16
S 10	23 29	25 19	2 55	24 12	0 48	18 48	1 25	24 55	4 33	18 6	0 48	22 26	1 3	21 10	0 34	22 29	0 57	15 19	16 30	14 18	13 46	22 45	0 42	4 16
M11	23 30	27 9	3 45	24 25	0 57	19 5	1 23	25 0	4 38	18 3	0 48	22 26	1 3	21 10	0 34	22 29	0 57	15 19	16 30	14 16	13 45	22 43	0 43	4 16
T 12	23 30	27 40	4 23	24 35	1 6	19 21	1 21	25 5	4 42	17 59	0 48	22 26	1 3	21 10	0 34	22 29	0 57	15 19	16 31	14 13	13 44	22 41	0 43	4 16
W13	23 29	26 50	4 50	24 43	1 14	19 37	1 18	25 11	4 47	17 56	0 48	22 26	1 3	21 11	0 34	22 29	0 57	15 19	16 31	14 10	13 43	22 40	0 43	4 16
T 14	23 29	24 46	5 3	24 47	1 21	19 53	1 16	25 16	4 51	17 53	0 48	22 26	1 2	21 11	0 34	22 29	0 57	15 20	16 31	14 7	13 41	22 38	0 43	4 16
F 15	23 27	21 39	5 3	24 49	1 27	20 8	1 14	25 22	4 56	17 50	0 48	22 26	1 2	21 12	0 34	22 29	0 57	15 20	16 32	14 4	13 40	22 36	0 43	4 17
S 16	23 26	17 39	4 50	24 48	1 33	20 22	1 12	25 28	5 0	17 46	0 48	22 26	1 2	21 12	0 34	22 29	0 57	15 20	16 32	14 1	13 39	22 34	0 43	4 17
S 17	23 24	12 58	4 25	24 44	1 38	20 36	1 10	25 34	5 5	17 43	0 48	22 26	1 2	21 13	0 34	22 29	0 57	15 21	16 32	13 59	13 38	22 32	0 44	4 17
M18	23 21	7 46	3 47	24 38	1 42	20 49	1 7	25 40	5 9	17 40	0 48	22 26	1 2	21 13	0 34	22 29	0 57	15 21	16 33	13 58	13 37	22 30	0 44	4 17
T 19	23 19	2 13	2 59	24 29	1 45	21 2	1 5	25 46	5 13	17 37	0 48	22 26	1 2	21 14	0 34	22 28	0 57	15 21	16 33	13 57	13 36	22 28	0 44	4 17
W20	23 15	3n32	2 2	24 17	1 48	21 14	1 3	25 52	5 18	17 33	0 48	22 26	1 2	21 14	0 34	22 28	0 57	15 22	16 34	13 57	13 35	22 26	0 44	4 17
T 21	23 12	9 18	0 58	24 3	1 50	21 26	1 0	25 58	5 22	17 30	0 48	22 26	1 2	21 14	0 34	22 28	0 57	15 22	16 34	13 58	13 34	22 24	0 44	4 18
F 22	23 8	14 51	0n12	23 47	1 51	21 37	0 58	26 4	5 26	17 26	0 48	22 26	1 2	21 15	0 34	22 28	0 57	15 22	16 34	13 58	13 33	22 22	0 44	4 18
S 23	23 3	19 53	1 23	23 29	1 52	21 47	0 55	26 11	5 30	17 23	0 48	22 26	1 2	21 15	0 34	22 28	0 57	15 23	16 35	13 57	13 32	22 20	0 44	4 18
S 24	22 58	24 0	2 31	23 9	1 52	21 57	0 53	26 17	5 34	17 19	0 48	22 26	1 1	21 16	0 34	22 28	0 57	15 23	16 35	13 56	13 31	22 18	0 44	4 18
M25	22 53	26 44	3 32	22 47	1 51	22 7	0 50	26 23	5 37	17 16	0 48	22 26	1 1	21 16	0 34	22 28	0 57	15 23	16 35	13 54	13 30	22 16	0 44	4 18
T 26	22 47	27 41	4 20	22 23	1 50	22 15	0 48	26 29	5 41	17 12	0 48	22 26	1 1	21 17	0 34	22 28	0 57	15 24	16 36	13 52	13 29	22 14	0 44	4 18
W27	22 41	26 36	4 51	21 58	1 48	22 23	0 45	26 36	5 45	17 9	0 48	22 26	1 1	21 17	0 34	22 28	0 57	15 24	16 36	13 49	13 28	22 12	0 44	4 19
T 28	22 35	23 34	5 2	21 31	1 45	22 31	0 43	26 42	5 48	17 5	0 48	22 26	1 1	21 18	0 34	22 28	0 57	15 25	16 36	13 46	13 27	22 10	0 44	4 19
F 29	22 28	18 57	4 52	21 3	1 42	22 38	0 40	26 48	5 51	17 2	0 48	22 26	1 1	21 18	0 34	22 28	0 57	15 25	16 37	13 43	13 26	22 8	0 43	4 19
S 30	22n21	13n14	4n22	20n34	1n38	22n44	0s38	26s54	5s54	16n58	0n48	22s26	1n 1	21s19	0s34	22n28	0s57	15s25	16s37	13n40	13n25	22s 6	0n43	4n19

Julian Day Number = 2296843.5, Delta T = 126.45 sec
Ecliptic obliquity = 23°29'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'45, Lahiri = 17°56'46 Julian Calendar 1 June 1576 == Greg. Calendar 11 June 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

JULY 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 15 38	18♋28'39	20♍55	7♌ 3	25♊12	25°R13	15♌47	26°R24	27°R16	5♋ 1	29°R27	6°R16	5♉31	12♒15	21°R49	S 1
M 2	19 19 35	19°25'54	5♎ 1	8°46	26°25	24♏57	16° 0	26♐20	27♏13	5° 4	29♓27	6♉14	5°28	12°21	21♓48	M 2
T 3	19 23 31	20°23'08	18°41	10°26	27°38	24°41	16°12	26°16	27°11	5° 6	29°26	6°D13	5°25	12°28	21°47	T 3
W 4	19 27 28	21°20'24	1♏59	12° 4	28°50	24°25	16°24	26°12	27° 9	5° 8	29°26	6°R13	5°22	12°35	21°46	W 4
T 5	19 31 25	22°17'39	14°56	13°41	0♋ 3	24° 9	16°37	26° 9	27° 6	5°10	29°26	6°13	5°18	12°42	21°45	T 5
F 6	19 35 21	23°14'55	27°36	15°15	1°16	23°52	16°49	26° 5	27° 4	5°12	29°25	6°12	5°15	12°48	21°44	F 6
S 7	19 39 18	24°12'11	10♐ 3	16°48	2°29	23°36	17° 2	26° 1	27° 1	5°14	29°25	6° 8	5°12	12°55	21°43	S 7
S 8	19 43 14	25° 9'28	22°19	18°19	3°41	23°19	17°14	25°58	26°59	5°16	29°25	6° 1	5° 9	13° 2	21°42	S 8
M 9	19 47 11	26° 6'45	4♏28	19°48	4°54	23° 3	17°27	25°54	26°57	5°19	29°24	5°51	5° 6	13° 8	21°40	M 9
T 10	19 51 7	27° 4'02	16°30	21°15	6° 7	22°46	17°40	25°51	26°54	5°21	29°24	5°40	5° 2	13°15	21°39	T 10
W11	19 55 4	28° 1'21	28°27	22°40	7°20	22°30	17°52	25°47	26°52	5°23	29°23	5°26	4°59	13°22	21°38	W11
T 12	19 59 0	28°58'40	10♒21	24° 3	8°33	22°14	18° 5	25°44	26°49	5°25	29°23	5°13	4°56	13°29	21°36	T 12
F 13	20 2 57	29°56'00	22°14	25°24	9°46	21°58	18°18	25°41	26°47	5°27	29°22	5° 0	4°53	13°35	21°35	F 13
S 14	20 6 54	0♌53'21	4♓ 6	26°43	10°59	21°42	18°30	25°37	26°45	5°29	29°22	4°48	4°50	13°42	21°33	S 14
S 15	20 10 50	1°50'42	16° 0	27°59	12°12	21°26	18°43	25°34	26°42	5°31	29°21	4°39	4°47	13°49	21°32	S 15
M16	20 14 47	2°48'05	27°58	29°14	13°26	21°11	18°56	25°31	26°40	5°33	29°21	4°33	4°43	13°55	21°30	M16
T 17	20 18 43	3°45'29	10♈ 6	0♍27	14°39	20°57	19° 9	25°28	26°37	5°35	29°20	4°30	4°40	14° 2	21°29	T 17
W18	20 22 40	4°42'54	22°26	1°37	15°52	20°42	19°22	25°25	26°35	5°37	29°20	4°28	4°37	14° 9	21°27	W18
T 19	20 26 36	5°40'20	5♉ 3	2°45	17° 5	20°28	19°34	25°23	26°33	5°39	29°19	4°28	4°34	14°16	21°25	T 19
F 20	20 30 33	6°37'48	18° 2	3°50	18°18	20°15	19°47	25°20	26°30	5°41	29°18	4°28	4°31	14°22	21°23	F 20
S 21	20 34 29	7°35'17	1♊28	4°53	19°32	20° 2	20° 0	25°17	26°28	5°43	29°18	4°27	4°28	14°29	21°22	S 21
S 22	20 38 26	8°32'47	15°22	5°53	20°45	19°49	20°13	25°14	26°26	5°45	29°17	4°23	4°24	14°36	21°20	S 22
M23	20 42 23	9°30'19	29°45	6°51	21°59	19°37	20°26	25°12	26°23	5°47	29°16	4°17	4°21	14°43	21°18	M23
T 24	20 46 19	10°27'52	14♋35	7°45	23°12	19°26	20°39	25° 9	26°21	5°49	29°16	4° 9	4°18	14°49	21°16	T 24
W25	20 50 16	11°25'26	29°44	8°37	24°26	19°16	20°52	25° 7	26°19	5°51	29°15	3°59	4°15	14°56	21°14	W25
T 26	20 54 12	12°23'01	15♌ 2	9°25	25°39	19° 6	21° 5	25° 5	26°16	5°53	29°14	3°48	4°12	15° 3	21°12	T 26
F 27	20 58 9	13°20'38	0♍19	10°10	26°53	18°56	21°18	25° 3	26°14	5°55	29°13	3°38	4° 8	15° 9	21°10	F 27
S 28	21 2 5	14°18'15	15°24	10°51	28° 6	18°48	21°31	25° 0	26°12	5°56	29°13	3°30	4° 5	15°16	21° 8	S 28
S 29	21 6 2	15°15'54	0♎ 6	11°29	29°20	18°40	21°44	24°58	26°10	5°58	29°12	3°24	4° 2	15°23	21° 6	S 29
M30	21 9 58	16°13'34	14°22	12° 3	0♌33	18°33	21°57	24°56	26° 8	6° 0	29°11	3°21	3°59	15°30	21° 3	M30
T 31	21 13 55	17♌11'14	28♎10	12♍32	1♌47	18♏27	22♌10	24♐55	26♏ 5	6♋ 2	29♓10	3°D20	3♉56	15♒36	21♓ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n13	6n55	3n36	20n 4	1n34	22n49	0s35	27s 0	5s57	16n54	0n48	22s26	1n 1	21s19	0s34	22n28	0s57	15s26	16s38	13n39	13n24	22s 4	0n43	4n19
M 2	22 5	0 25	2 37	19 32	1 29	22 54	0 32	27 6	6 0	16 51	0 48	22 26	1 0	21 20	0 34	22 27	0 57	15 26	16 38	13 38	13 22	22 2	0 43	4 19
T 3	21 57	5s56	1 32	19 0	1 24	22 59	0 30	27 11	6 3	16 47	0 48	22 26	1 0	21 20	0 34	22 27	0 57	15 27	16 38	13 38	13 21	22 0	0 43	4 20
W 4	21 48	11 50	0 22	18 28	1 18	23 2	0 27	27 17	6 6	16 43	0 48	22 26	1 0	21 21	0 34	22 27	0 57	15 27	16 39	13 38	13 20	21 58	0 42	4 20
T 5	21 39	17 5	0s46	17 54	1 12	23 5	0 25	27 22	6 8	16 40	0 48	22 26	1 0	21 21	0 34	22 27	0 57	15 28	16 39	13 38	13 19	21 56	0 42	4 20
F 6	21 29	21 28	1 51	17 20	1 5	23 7	0 22	27 27	6 10	16 36	0 48	22 26	1 0	21 22	0 34	22 27	0 57	15 28	16 39	13 37	13 18	21 54	0 42	4 20
S 7	21 19	24 47	2 49	16 45	0 58	23 9	0 19	27 32	6 12	16 32	0 48	22 26	1 0	21 22	0 34	22 27	0 57	15 29	16 40	13 36	13 17	21 52	0 41	4 20
S 8	21 9	26 54	3 38	16 11	0 50	23 10	0 17	27 37	6 14	16 28	0 48	22 26	1 0	21 23	0 35	22 27	0 57	15 29	16 40	13 33	13 16	21 49	0 41	4 20
M 9	20 59	27 42	4 16	15 35	0 43	23 10	0 14	27 42	6 16	16 24	0 48	22 26	1 0	21 23	0 35	22 27	0 57	15 30	16 40	13 30	13 15	21 47	0 41	4 21
T 10	20 48	27 10	4 43	15 0	0 34	23 10	0 11	27 46	6 18	16 20	0 48	22 26	0 59	21 23	0 35	22 27	0 57	15 30	16 41	13 26	13 14	21 45	0 40	4 21
W11	20 36	25 22	4 57	14 24	0 26	23 9	0 9	27 50	6 19	16 17	0 48	22 26	0 59	21 24	0 35	22 27	0 57	15 30	16 41	13 22	13 13	21 43	0 40	4 21
T 12	20 25	22 28	4 58	13 48	0 17	23 7	0 6	27 54	6 20	16 13	0 48	22 26	0 59	21 24	0 35	22 27	0 57	15 31	16 41	13 17	13 12	21 41	0 40	4 21
F 13	20 13	18 39	4 46	13 13	0 8	23 5	0 3	27 58	6 21	16 9	0 48	22 27	0 59	21 25	0 35	22 27	0 57	15 31	16 42	13 13	13 11	21 39	0 39	4 21
S 14	20 0	14 6	4 22	12 37	0s 1	23 2	0 1	28 1	6 22	16 5	0 48	22 27	0 59	21 25	0 35	22 26	0 57	15 32	16 42	13 9	13 10	21 37	0 39	4 21
S 15	19 48	9 0	3 46	12 2	0 11	22 58	0n 2	28 5	6 23	16 1	0 48	22 27	0 59	21 26	0 35	22 26	0 57	15 32	16 42	13 6	13 9	21 35	0 38	4 21
M16	19 35	3 33	3 0	11 26	0 21	22 53	0 4	28 8	6 23	15 57	0 48	22 27	0 59	21 26	0 35	22 26	0 57	15 33	16 43	13 4	13 8	21 33	0 38	4 21
T 17	19 21	2n 6	2 5	10 51	0 31	22 48	0 7	28 10	6 23	15 53	0 48	22 27	0 58	21 27	0 35	22 26	0 57	15 34	16 43	13 3	13 7	21 31	0 37	4 22
W18	19 8	7 46	1 3	10 17	0 42	22 42	0 9	28 13	6 23	15 49	0 48	22 27	0 58	21 27	0 35	22 26	0 57	15 34	16 43	13 3	13 5	21 28	0 37	4 22
T 19	18 54	13 17	0n 3	9 43	0 52	22 36	0 12	28 15	6 23	15 45	0 48	22 27	0 58	21 28	0 35	22 26	0 57	15 35	16 44	13 2	13 4	21 26	0 36	4 22
F 20	18 40	18 23	1 11	9 9	1 3	22 29	0 14	28 17	6 23	15 41	0 48	22 27	0 58	21 28	0 35	22 26	0 57	15 35	16 44	13 2	13 3	21 24	0 35	4 22
S 21	18 25	22 45	2 17	8 36	1 14	22 21	0 17	28 18	6 23	15 37	0 49	22 27	0 58	21 29	0 35	22 26	0 57	15 36	16 44	13 2	13 2	21 22	0 35	4 22
S 22	18 10	25 58	3 18	8 4	1 25	22 13	0 19	28 20	6 22	15 33	0 49	22 27	0 58	21 29	0 35	22 26	0 57	15 36	16 45	13 1	13 1	21 20	0 34	4 22
M23	17 55	27 38	4 8	7 32	1 36	22 4	0 22	28 21	6 21	15 29	0 49	22 27	0 58	21 29	0 35	22 26	0 57	15 37	16 45	12 59	13 0	21 18	0 34	4 22
T 24	17 39	27 23	4 43	7 1	1 47	21 54	0 24	28 21	6 21	15 25	0 49	22 27	0 57	21 30	0 35	22 26	0 57	15 37	16 45	12 56	12 59	21 15	0 33	4 22
W25	17 24	25 8	5 0	6 32	1 58	21 43	0 27	28 22	6 19	15 21	0 49	22 27	0 57	21 30	0 35	22 25	0 57	15 38	16 45	12 52	12 58	21 13	0 32	4 23
T 26	17 8	21 3	4 55	6 3	2 10	21 32	0 29	28 22	6 18	15 16	0 49	22 27	0 57	21 31	0 35	22 25	0 57	15 38	16 46	12 49	12 57	21 11	0 31	4 23
F 27	16 51	15 34	4 29	5 36	2 21	21 21	0 31	28 22	6 17	15 12	0 49	22 27	0 57	21 31	0 35	22 25	0 57	15 39	16 46	12 45	12 56	21 9	0 31	4 23
S 28	16 35	9 13	3 44	5 10	2 32	21 8	0 34	28 22	6 15	15 8	0 49	22 27	0 57	21 32	0 35	22 25	0 57	15 39	16 46	12 43	12 55	21 7	0 30	4 23
S 29	16 18	2 30	2 46	4 45	2 44	20 56	0 36	28 22	6 14	15 4	0 49	22 27	0 57	21 32	0 35	22 25	0 57	15 40	16 47	12 41	12 54	21 5	0 29	4 23
M30	16 1	4s10	1 39	4 22	2 55	20 42	0 38	28 21	6 12	15 0	0 49	22 27	0 57	21 32	0 35	22 25	0 57	15 41	16 47	12 40	12 53	21 2	0 28	4 23
T 31	15n43	10s25	0n27	4n 1	3s 6	20n28	0n40	28s20	6s10	14n56	0n49	22s28	0n56	21s33	0s35	22n25	0s57	15s41	16s47	12n39	12n51	21s 0	0n28	4n23

Julian Day Number = 2296873.5, Delta T = 126.30 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'50, Lahiri = 17°56'50 Julian Calendar 1 July 1576 == Greg. Calendar 11 July 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

AUGUST 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 17 52	18♌ 8'56	11♏31	12♍57	3♌ 1	18°R22	22♌23	24°R53	26°R 3	6♋ 4	29°R 9	3°R20	3♉53	15♒43	20°R59	W 1
T 2	21 21 48	19° 6'39	24°27	13°18	4°15	18♏17	22°36	24♐51	26♏ 1	6° 5	29♓ 8	3♉20	3°49	15°50	20♓57	T 2
F 3	21 25 45	20° 4'23	7♐ 3	13°33	5°28	18°13	22°49	24°49	25°59	6° 7	29° 8	3°18	3°46	15°56	20°54	F 3
S 4	21 29 41	21° 2'08	19°24	13°44	6°42	18°10	23° 2	24°48	25°57	6° 9	29° 7	3°15	3°43	16° 3	20°52	S 4
S 5	21 33 38	21°59'54	1♏33	13°R49	7°56	18° 8	23°16	24°47	25°55	6°10	29° 6	3° 9	3°40	16°10	20°50	S 5
M 6	21 37 34	22°57'42	13°34	13°49	9°10	18° 7	23°29	24°45	25°53	6°12	29° 5	3° 1	3°37	16°17	20°47	M 6
T 7	21 41 31	23°55'30	25°30	13°43	10°24	18°D 6	23°42	24°44	25°51	6°14	29° 4	2°50	3°34	16°23	20°45	T 7
W 8	21 45 27	24°53'20	7♒23	13°31	11°38	18° 7	23°55	24°43	25°49	6°15	29° 3	2°38	3°30	16°30	20°42	W 8
T 9	21 49 24	25°51'12	19°16	13°13	12°52	18° 8	24° 8	24°42	25°47	6°17	29° 2	2°26	3°27	16°37	20°40	T 9
F 10	21 53 21	26°49'05	1♓ 9	12°50	14° 6	18°10	24°21	24°41	25°45	6°19	29° 1	2°14	3°24	16°44	20°37	F 10
S 11	21 57 17	27°46'59	13° 4	12°20	15°20	18°13	24°34	24°40	25°43	6°20	29° 0	2° 3	3°21	16°50	20°35	S 11
S 12	22 1 14	28°44'56	25° 4	11°45	16°34	18°16	24°47	24°39	25°41	6°22	28°59	1°55	3°18	16°57	20°32	S 12
M13	22 5 10	29°42'53	7♈ 8	11° 4	17°48	18°21	25° 0	24°39	25°39	6°23	28°58	1°50	3°14	17° 4	20°30	M13
T 14	22 9 7	0♍40'53	19°21	10°18	19° 2	18°26	25°13	24°38	25°37	6°25	28°57	1°47	3°11	17°10	20°27	T 14
W15	22 13 3	1°38'55	1♉46	9°29	20°16	18°32	25°26	24°37	25°35	6°26	28°56	1°D46	3° 8	17°17	20°24	W15
T 16	22 17 0	2°36'58	14°25	8°35	21°30	18°39	25°39	24°37	25°34	6°27	28°55	1°47	3° 5	17°24	20°22	T 16
F 17	22 20 56	3°35'03	27°24	7°39	22°45	18°46	25°52	24°37	25°32	6°29	28°54	1°R47	3° 2	17°31	20°19	F 17
S 18	22 24 53	4°33'11	10♊44	6°42	23°59	18°55	26° 5	24°37	25°30	6°30	28°53	1°47	2°59	17°37	20°16	S 18
S 19	22 28 50	5°31'20	24°30	5°44	25°13	19° 4	26°18	24°D37	25°28	6°32	28°52	1°46	2°55	17°44	20°14	S 19
M20	22 32 46	6°29'32	8♋43	4°47	26°27	19°13	26°31	24°37	25°27	6°33	28°51	1°42	2°52	17°51	20°11	M20
T 21	22 36 43	7°27'46	23°20	3°52	27°42	19°24	26°44	24°37	25°25	6°34	28°50	1°36	2°49	17°57	20° 8	T 21
W22	22 40 39	8°26'01	8♌17	3° 0	28°56	19°35	26°57	24°37	25°24	6°35	28°49	1°29	2°46	18° 4	20° 5	W22
T 23	22 44 36	9°24'19	23°27	2°13	0♍11	19°47	27°10	24°37	25°22	6°37	28°48	1°21	2°43	18°11	20° 3	T 23
F 24	22 48 32	10°22'38	8♍40	1°32	1°25	20° 0	27°23	24°38	25°21	6°38	28°46	1°14	2°39	18°18	20° 0	F 24
S 25	22 52 29	11°20'59	23°44	0°58	2°39	20°14	27°36	24°38	25°19	6°39	28°45	1° 7	2°36	18°24	19°57	S 25
S 26	22 56 25	12°19'22	8♎31	0°31	3°54	20°28	27°49	24°39	25°18	6°40	28°44	1° 3	2°33	18°31	19°54	S 26
M27	23 0 22	13°17'46	22°53	0°13	5° 8	20°43	28° 2	24°39	25°16	6°41	28°43	1° 1	2°30	18°38	19°51	M27
T 28	23 4 19	14°16'12	6♏48	0° 4	6°23	20°58	28°14	24°40	25°15	6°42	28°42	1°D 1	2°27	18°44	19°49	T 28
W29	23 8 15	15°14'40	20°15	0°D 3	7°38	21°14	28°27	24°41	25°14	6°43	28°41	1° 2	2°24	18°51	19°46	W29
T 30	23 12 12	16°13'10	3♐17	0°13	8°52	21°31	28°40	24°42	25°13	6°45	28°40	1° 3	2°20	18°58	19°43	T 30
F 31	23 16 8	17♍11'41	15♐56	0♍31	10♍ 7	21♏49	28♌53	24♐43	25♏11	6♋46	28♓38	1°R 4	2♉17	19♒ 5	19♓40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
W 1	15n26	16s 0	0s43	3n41	3s16	20n13	0n43	28s19	6s 8	14n51	0n49	22s28	0n56	21s33	0s35	22n25	0s57	15s42	16s47	12n39	12n50	20s58	0n27	4n23
T 2	15 8	20 42	1 49	3 24	3 27	19 58	0 45	28 17	6 6	14 47	0 49	22 28	0 56	21 34	0 35	22 25	0 57	15 42	16 48	12 39	12 49	20 56	0 26	4 23
F 3	14 50	24 19	2 49	3 9	3 37	19 42	0 47	28 16	6 4	14 43	0 49	22 28	0 56	21 34	0 35	22 25	0 57	15 43	16 48	12 39	12 48	20 53	0 25	4 23
S 4	14 31	26 42	3 38	2 56	3 46	19 26	0 49	28 14	6 2	14 39	0 49	22 28	0 56	21 34	0 35	22 25	0 57	15 43	16 48	12 38	12 47	20 51	0 24	4 23
S 5	14 13	27 47	4 18	2 46	3 55	19 9	0 51	28 12	5 59	14 34	0 49	22 28	0 56	21 35	0 35	22 24	0 57	15 44	16 48	12 36	12 46	20 49	0 23	4 23
M 6	13 54	27 31	4 45	2 38	4 3	18 51	0 53	28 10	5 57	14 30	0 49	22 28	0 55	21 35	0 34	22 24	0 57	15 45	16 49	12 33	12 45	20 47	0 23	4 23
T 7	13 35	25 59	4 59	2 34	4 11	18 33	0 55	28 7	5 54	14 26	0 49	22 28	0 55	21 36	0 34	22 24	0 57	15 45	16 49	12 29	12 44	20 44	0 22	4 23
W 8	13 15	23 18	5 1	2 32	4 17	18 14	0 56	28 5	5 52	14 22	0 49	22 28	0 55	21 36	0 34	22 24	0 57	15 46	16 49	12 25	12 43	20 42	0 21	4 24
T 9	12 56	19 39	4 49	2 34	4 23	17 55	0 58	28 2	5 49	14 17	0 50	22 29	0 55	21 36	0 34	22 24	0 57	15 46	16 49	12 21	12 42	20 40	0 20	4 24
F 10	12 36	15 13	4 25	2 39	4 27	17 36	1 0	27 59	5 46	14 13	0 50	22 29	0 55	21 37	0 34	22 24	0 57	15 47	16 49	12 17	12 41	20 38	0 19	4 24
S 11	12 16	10 11	3 49	2 47	4 30	17 16	1 2	27 56	5 44	14 9	0 50	22 29	0 55	21 37	0 34	22 24	0 57	15 47	16 50	12 13	12 40	20 35	0 18	4 24
S 12	11 56	4 45	3 2	2 59	4 32	16 55	1 3	27 52	5 41	14 4	0 50	22 29	0 54	21 37	0 34	22 24	0 57	15 48	16 50	12 10	12 39	20 33	0 17	4 24
M13	11 36	0n53	2 7	3 15	4 32	16 34	1 5	27 49	5 38	14 0	0 50	22 29	0 54	21 38	0 34	22 24	0 57	15 49	16 50	12 8	12 37	20 31	0 16	4 24
T 14	11 15	6 35	1 6	3 33	4 30	16 12	1 6	27 45	5 35	13 56	0 50	22 29	0 54	21 38	0 34	22 24	0 57	15 49	16 50	12 7	12 36	20 29	0 15	4 24
W15	10 55	12 7	0 0	3 55	4 26	15 50	1 8	27 41	5 32	13 51	0 50	22 29	0 54	21 38	0 34	22 24	0 57	15 50	16 50	12 7	12 35	20 26	0 14	4 24
T 16	10 34	17 16	1n 7	4 20	4 21	15 28	1 9	27 37	5 29	13 47	0 50	22 29	0 54	21 39	0 34	22 23	0 57	15 50	16 51	12 7	12 34	20 24	0 13	4 24
F 17	10 13	21 47	2 13	4 48	4 13	15 5	1 11	27 33	5 26	13 43	0 50	22 30	0 54	21 39	0 34	22 23	0 57	15 51	16 51	12 7	12 33	20 22	0 12	4 24
S 18	9 52	25 17	3 13	5 18	4 4	14 42	1 12	27 29	5 22	13 38	0 50	22 30	0 53	21 39	0 34	22 23	0 57	15 52	16 51	12 7	12 32	20 19	0 11	4 24
S 19	9 31	27 27	4 4	5 50	3 53	14 18	1 13	27 24	5 19	13 34	0 50	22 30	0 53	21 40	0 34	22 23	0 57	15 52	16 51	12 7	12 31	20 17	0 10	4 24
M20	9 9	27 54	4 42	6 22	3 40	13 54	1 15	27 20	5 16	13 30	0 50	22 30	0 53	21 40	0 34	22 23	0 57	15 53	16 51	12 6	12 30	20 15	0 9	4 24
T 21	8 47	26 27	5 3	6 56	3 25	13 29	1 16	27 15	5 13	13 25	0 50	22 30	0 53	21 40	0 34	22 23	0 57	15 53	16 51	12 4	12 29	20 12	0 8	4 24
W22	8 26	23 7	5 4	7 29	3 9	13 4	1 17	27 10	5 10	13 21	0 51	22 30	0 53	21 40	0 34	22 23	0 57	15 54	16 52	12 1	12 28	20 10	0 6	4 24
T 23	8 4	18 11	4 44	8 2	2 52	12 39	1 18	27 5	5 6	13 17	0 51	22 31	0 53	21 41	0 34	22 23	0 57	15 54	16 52	11 58	12 27	20 8	0 5	4 24
F 24	7 42	12 6	4 4	8 34	2 33	12 13	1 19	27 0	5 3	13 12	0 51	22 31	0 52	21 41	0 34	22 23	0 57	15 55	16 52	11 56	12 25	20 5	0 4	4 24
S 25	7 20	5 21	3 7	9 4	2 14	11 47	1 20	26 54	5 0	13 8	0 51	22 31	0 52	21 41	0 34	22 23	0 57	15 55	16 52	11 54	12 24	20 3	0 3	4 24
S 26	6 57	1s34	1 58	9 31	1 55	11 21	1 20	26 49	4 56	13 3	0 51	22 31	0 52	21 41	0 34	22 23	0 57	15 56	16 52	11 52	12 23	20 1	0 2	4 24
M27	6 35	8 15	0 44	9 56	1 36	10 54	1 21	26 43	4 53	12 59	0 51	22 31	0 52	21 42	0 34	22 23	0 57	15 57	16 52	11 51	12 22	19 58	0 1	4 24
T 28	6 12	14 19	0s31	10 17	1 16	10 28	1 22	26 38	4 50	12 55	0 51	22 32	0 52	21 42	0 34	22 23	0 57	15 57	16 52	11 51	12 21	19 56	0s 0	4 24
W29	5 50	19 29	1 42	10 35	0 57	10 0	1 23	26 32	4 46	12 50	0 51	22 32	0 52	21 42	0 34	22 22	0 57	15 58	16 52	11 52	12 20	19 54	0 1	4 24
T 30	5 27	23 34	2 45	10 49	0 39	9 33	1 23	26 26	4 43	12 46	0 51	22 32	0 52	21 42	0 34	22 22	0 57	15 58	16 53	11 52	12 19	19 51	0 3	4 23
F 31	5n 4	26s22	3s39	10n59	0s21	9n 5	1n24	26s20	4s40	12n42	0n51	22s32	0n51	21s42	0s34	22n22	0s57	15s59	16s53	11n52	12n18	19s49	0s 4	4n23

Julian Day Number = 2296904.5, Delta T = 126.15 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'54, Lahiri = 17°56'54 Julian Calendar 1 Aug. 1576 == Greg. Calendar 11 Aug. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

SEPTEMBER 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 20 5	18♍10'14	28♐17	0♍59	11♍21	22♑ 7	29♌ 5	24♐44	25°R10	6♋46	28°R37	1°R 4	2♉14	19♒11	19°R37	S 1
S 2	23 24 1	19° 8'49	10♑24	1°36	12°36	22°26	29°18	24°45	25♑ 9	6°47	28♓36	1♉ 1	2°11	19°18	19♓34	S 2
M 3	23 27 58	20° 7'25	22°23	2°21	13°51	22°45	29°31	24°47	25° 8	6°48	28°35	0°57	2° 8	19°25	19°32	M 3
T 4	23 31 54	21° 6'03	4♒16	3°15	15° 5	23° 5	29°43	24°48	25° 7	6°49	28°34	0°51	2° 5	19°31	19°29	T 4
W 5	23 35 51	22° 4'43	16° 8	4°16	16°20	23°25	29°56	24°50	25° 6	6°50	28°33	0°45	2° 1	19°38	19°26	W 5
T 6	23 39 48	23° 3'24	28° 1	5°24	17°35	23°46	0♍ 8	24°51	25° 5	6°51	28°31	0°37	1°58	19°45	19°23	T 6
F 7	23 43 44	24° 2'08	9♓58	6°38	18°50	24° 8	0°21	24°53	25° 4	6°52	28°30	0°31	1°55	19°52	19°20	F 7
S 8	23 47 41	25° 0'53	22° 0	7°58	20° 4	24°30	0°33	24°55	25° 3	6°52	28°29	0°25	1°52	19°58	19°17	S 8
S 9	23 51 37	25°59'40	4♈ 9	9°24	21°19	24°52	0°46	24°57	25° 3	6°53	28°28	0°20	1°49	20° 5	19°15	S 9
M10	23 55 34	26°58'29	16°25	10°53	22°34	25°15	0°58	24°59	25° 2	6°54	28°27	0°18	1°45	20°12	19°12	M10
T 11	23 59 30	27°57'21	28°52	12°26	23°49	25°39	1°11	25° 1	25° 1	6°54	28°25	0°D17	1°42	20°18	19° 9	T 11
W12	0 3 27	28°56'14	11♉29	14° 3	25° 4	26° 3	1°23	25° 3	25° 1	6°55	28°24	0°17	1°39	20°25	19° 6	W12
T 13	0 7 23	29°55'10	24°20	15°42	26°18	26°27	1°35	25° 6	25° 0	6°56	28°23	0°19	1°36	20°32	19° 3	T 13
F 14	0 11 20	0♎54'08	7♊26	17°23	27°33	26°52	1°47	25° 8	24°59	6°56	28°22	0°20	1°33	20°39	19° 1	F 14
S 15	0 15 17	1°53'09	20°49	19° 7	28°48	27°18	1°59	25°11	24°59	6°57	28°21	0°22	1°30	20°45	18°58	S 15
S 16	0 19 13	2°52'12	4♋32	20°51	0♎ 3	27°44	2°12	25°13	24°58	6°57	28°20	0°R22	1°26	20°52	18°55	S 16
M17	0 23 10	3°51'17	18°34	22°36	1°18	28°10	2°24	25°16	24°58	6°58	28°18	0°21	1°23	20°59	18°53	M17
T 18	0 27 6	4°50'25	2♌55	24°22	2°33	28°36	2°36	25°19	24°58	6°58	28°17	0°19	1°20	21° 6	18°50	T 18
W19	0 31 3	5°49'35	17°32	26° 9	3°48	29° 4	2°48	25°21	24°57	6°59	28°16	0°17	1°17	21°12	18°47	W19
T 20	0 34 59	6°48'47	2♍20	27°56	5° 3	29°31	2°59	25°24	24°57	6°59	28°15	0°13	1°14	21°19	18°44	T 20
F 21	0 38 56	7°48'01	17°12	29°43	6°18	29°59	3°11	25°27	24°57	6°59	28°14	0°10	1°11	21°26	18°42	F 21
S 22	0 42 52	8°47'18	2♎ 0	1♎29	7°33	0♒27	3°23	25°31	24°57	7° 0	28°12	0° 8	1° 7	21°32	18°39	S 22
S 23	0 46 49	9°46'36	16°36	3°16	8°48	0°56	3°35	25°34	24°57	7° 0	28°11	0° 6	1° 4	21°39	18°37	S 23
M24	0 50 45	10°45'57	0♏54	5° 2	10° 3	1°25	3°46	25°37	24°57	7° 0	28°10	0°D 6	1° 1	21°46	18°34	M24
T 25	0 54 42	11°45'20	14°49	6°47	11°18	1°54	3°58	25°40	24°D57	7° 0	28° 9	0° 6	0°58	21°53	18°31	T 25
W26	0 58 39	12°44'44	28°20	8°33	12°33	2°24	4°10	25°44	24°57	7° 0	28° 8	0° 7	0°55	21°59	18°29	W26
T 27	1 2 35	13°44'11	11♐26	10°17	13°48	2°54	4°21	25°47	24°57	7° 0	28° 7	0° 9	0°51	22° 6	18°26	T 27
F 28	1 6 32	14°43'39	24°10	12° 1	15° 3	3°24	4°32	25°51	24°57	7° 1	28° 6	0°10	0°48	22°13	18°24	F 28
S 29	1 10 28	15°43'09	6♑34	13°45	16°18	3°55	4°44	25°55	24°57	7° 1	28° 4	0°11	0°45	22°19	18°21	S 29
S 30	1 14 25	16♎42'41	18♑44	15♎27	17♎34	4♒26	4♍55	25♐59	24♑57	7°R 1	28♓ 3	0°R11	0♉42	22♒26	18♓19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n41	27s50	4s20	11n 5	0s 4	8n37	1n24	26s13	4s36	12n37	0n51	22s32	0n51	21s43	0s34	22n22	0s57	15s59	16s53	11n52	12n17	19s46	0s 5	4n23
S 2	4 18	27 54	4 50	11 7	0n12	8 9	1 24	26 7	4 33	12 33	0 52	22 33	0 51	21 43	0 34	22 22	0 57	16 0	16 53	11 51	12 16	19 44	0 6	4 23
M 3	3 55	26 40	5 6	11 5	0 27	7 40	1 25	26 0	4 30	12 29	0 52	22 33	0 51	21 43	0 34	22 22	0 57	16 0	16 53	11 50	12 14	19 42	0 7	4 23
T 4	3 32	24 14	5 9	10 58	0 40	7 12	1 25	25 54	4 27	12 24	0 52	22 33	0 51	21 43	0 34	22 22	0 57	16 1	16 53	11 48	12 13	19 39	0 8	4 23
W 5	3 9	20 47	4 58	10 47	0 53	6 43	1 25	25 47	4 23	12 20	0 52	22 33	0 51	21 43	0 34	22 22	0 57	16 1	16 53	11 46	12 12	19 37	0 10	4 23
T 6	2 46	16 29	4 35	10 33	1 4	6 14	1 25	25 40	4 20	12 16	0 52	22 33	0 50	21 44	0 34	22 22	0 57	16 2	16 53	11 43	12 11	19 34	0 11	4 23
F 7	2 22	11 33	4 0	10 15	1 14	5 44	1 25	25 33	4 17	12 11	0 52	22 34	0 50	21 44	0 34	22 22	0 57	16 2	16 53	11 41	12 10	19 32	0 12	4 23
S 8	1 59	6 8	3 13	9 53	1 23	5 15	1 25	25 26	4 13	12 7	0 52	22 34	0 50	21 44	0 34	22 22	0 57	16 3	16 53	11 39	12 9	19 30	0 13	4 23
S 9	1 36	0 27	2 18	9 28	1 31	4 45	1 25	25 18	4 10	12 3	0 52	22 34	0 50	21 44	0 34	22 22	0 57	16 3	16 53	11 37	12 8	19 27	0 14	4 23
M10	1 12	5n19	1 15	9 0	1 37	4 16	1 25	25 11	4 7	11 58	0 52	22 34	0 50	21 44	0 34	22 22	0 57	16 4	16 53	11 36	12 7	19 25	0 16	4 23
T 11	0 49	10 58	0 8	8 29	1 42	3 46	1 25	25 3	4 4	11 54	0 53	22 35	0 50	21 44	0 34	22 22	0 57	16 4	16 53	11 36	12 6	19 22	0 17	4 23
W12	0 25	16 17	1n 1	7 56	1 47	3 16	1 25	24 55	4 0	11 50	0 53	22 35	0 49	21 44	0 34	22 22	0 57	16 5	16 53	11 36	12 5	19 20	0 18	4 22
T 13	0 2	20 58	2 8	7 20	1 50	2 46	1 24	24 48	3 57	11 46	0 53	22 35	0 49	21 44	0 34	22 21	0 57	16 5	16 53	11 37	12 3	19 17	0 19	4 22
F 14	0s22	24 43	3 9	6 43	1 52	2 16	1 24	24 40	3 54	11 41	0 53	22 35	0 49	21 44	0 34	22 21	0 58	16 6	16 53	11 37	12 2	19 15	0 20	4 22
S 15	0 45	27 12	4 2	6 3	1 53	1 45	1 24	24 31	3 51	11 37	0 53	22 36	0 49	21 44	0 34	22 21	0 58	16 6	16 53	11 38	12 1	19 12	0 21	4 22
S 16	1 9	28 8	4 43	5 23	1 54	1 15	1 23	24 23	3 48	11 33	0 53	22 36	0 49	21 45	0 34	22 21	0 58	16 7	16 53	11 38	12 0	19 10	0 23	4 22
M17	1 32	27 17	5 7	4 41	1 54	0 44	1 22	24 15	3 45	11 29	0 53	22 36	0 49	21 45	0 34	22 21	0 58	16 7	16 53	11 37	11 59	19 8	0 24	4 22
T 18	1 56	24 38	5 13	3 58	1 53	0 14	1 22	24 6	3 42	11 24	0 53	22 36	0 49	21 45	0 34	22 21	0 58	16 8	16 53	11 37	11 58	19 5	0 25	4 22
W19	2 19	20 22	5 0	3 14	1 51	0s16	1 21	23 57	3 38	11 20	0 54	22 37	0 48	21 45	0 34	22 21	0 58	16 8	16 53	11 36	11 57	19 3	0 26	4 21
T 20	2 43	14 48	4 26	2 29	1 49	0 47	1 20	23 49	3 35	11 16	0 54	22 37	0 48	21 45	0 34	22 21	0 58	16 9	16 53	11 35	11 56	19 0	0 27	4 21
F 21	3 6	8 21	3 34	1 44	1 46	1 18	1 19	23 40	3 32	11 12	0 54	22 37	0 48	21 45	0 34	22 21	0 58	16 9	16 53	11 34	11 55	18 58	0 29	4 21
S 22	3 30	1 29	2 29	0 59	1 43	1 48	1 19	23 30	3 29	11 8	0 54	22 37	0 48	21 45	0 34	22 21	0 58	16 9	16 53	11 33	11 54	18 55	0 30	4 21
S 23	3 53	5s24	1 14	0 13	1 39	2 19	1 18	23 21	3 26	11 4	0 54	22 38	0 48	21 45	0 34	22 21	0 58	16 10	16 53	11 32	11 52	18 53	0 31	4 21
M24	4 16	11 53	0s 4	0s33	1 35	2 49	1 17	23 12	3 23	10 59	0 54	22 38	0 48	21 45	0 34	22 21	0 58	16 10	16 53	11 32	11 51	18 50	0 32	4 21
T 25	4 40	17 36	1 20	1 19	1 30	3 19	1 16	23 2	3 20	10 55	0 54	22 38	0 48	21 45	0 34	22 21	0 58	16 11	16 53	11 32	11 50	18 48	0 33	4 21
W26	5 3	22 16	2 30	2 5	1 26	3 50	1 14	22 52	3 17	10 51	0 55	22 38	0 47	21 45	0 34	22 21	0 58	16 11	16 53	11 33	11 49	18 45	0 34	4 20
T 27	5 26	25 39	3 29	2 51	1 20	4 20	1 13	22 43	3 14	10 47	0 55	22 39	0 47	21 45	0 34	22 21	0 58	16 11	16 53	11 33	11 48	18 43	0 35	4 20
F 28	5 49	27 38	4 16	3 37	1 15	4 50	1 12	22 33	3 12	10 43	0 55	22 39	0 47	21 45	0 34	22 21	0 58	16 12	16 52	11 33	11 47	18 40	0 37	4 20
S 29	6 12	28 9	4 50	4 22	1 9	5 20	1 11	22 22	3 9	10 39	0 55	22 39	0 47	21 44	0 34	22 21	0 58	16 12	16 52	11 34	11 46	18 37	0 38	4 20
S 30	6s35	27s18	5s10	5s 7	1n 4	5s50	1n 9	22s12	3s 6	10n35	0n55	22s39	0n47	21s44	0s34	22n21	0s58	16s12	16s52	11n34	11n45	18s35	0s39	4n20

Julian Day Number = 2296935.5, Delta T = 125.99 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°49'58, Lahiri = 17°56'59 Julian Calendar 1 Sept. 1576 == Greg. Calendar 11 Sept. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

OCTOBER 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 18 21	17♎42'15	0♒43	17♎10	18♎49	4♒57	5♍ 6	26♐ 2	24♑58	7°R 1	28°R 2	0°R11	0♉39	22♒33	18°R17	M 1
T 2	1 22 18	18°41'50	12°36	18°51	20° 4	5°29	5°17	26° 6	24°58	7♋ 1	28♓ 1	0♉10	0°36	22°40	18♓14	T 2
W 3	1 26 14	19°41'27	24°29	20°32	21°19	6° 1	5°28	26°10	24°58	7° 1	28° 0	0° 8	0°32	22°46	18°12	W 3
T 4	1 30 11	20°41'06	6♓23	22°12	22°34	6°33	5°39	26°15	24°59	7° 0	27°59	0° 7	0°29	22°53	18°10	T 4
F 5	1 34 8	21°40'47	18°24	23°52	23°49	7° 5	5°50	26°19	24°59	7° 0	27°58	0° 6	0°26	23° 0	18° 8	F 5
S 6	1 38 4	22°40'29	0♈33	25°31	25° 4	7°38	6° 1	26°23	25° 0	7° 0	27°57	0° 5	0°23	23° 6	18° 5	S 6
S 7	1 42 1	23°40'14	12°53	27° 9	26°19	8°11	6°12	26°27	25° 1	7° 0	27°56	0° 4	0°20	23°13	18° 3	S 7
M 8	1 45 57	24°40'00	25°25	28°47	27°35	8°44	6°22	26°32	25° 1	7° 0	27°55	0°D 4	0°16	23°20	18° 1	M 8
T 9	1 49 54	25°39'49	8♉10	0♏24	28°50	9°18	6°33	26°36	25° 2	6°59	27°54	0° 4	0°13	23°26	17°59	T 9
W10	1 53 50	26°39'39	21° 9	2° 1	0♏ 5	9°51	6°43	26°41	25° 3	6°59	27°53	0° 4	0°10	23°33	17°57	W10
T 11	1 57 47	27°39'32	4♊21	3°37	1°20	10°25	6°54	26°45	25° 4	6°59	27°52	0° 4	0° 7	23°40	17°55	T 11
F 12	2 1 43	28°39'27	17°46	5°13	2°35	11° 0	7° 4	26°50	25° 4	6°58	27°51	0° 4	0° 4	23°47	17°53	F 12
S 13	2 5 40	29°39'24	1♋24	6°48	3°50	11°34	7°14	26°55	25° 5	6°58	27°50	0°R 4	0° 1	23°53	17°51	S 13
S 14	2 9 37	0♏39'23	15°13	8°23	5° 6	12° 8	7°24	27° 0	25° 6	6°57	27°49	0° 4	29♈57	24° 0	17°49	S 14
M15	2 13 33	1°39'24	29°14	9°57	6°21	12°43	7°34	27° 5	25° 7	6°57	27°48	0°D 4	29°54	24° 7	17°47	M15
T 16	2 17 30	2°39'28	13♌25	11°31	7°36	13°18	7°44	27°10	25° 8	6°56	27°47	0° 4	29°51	24°13	17°45	T 16
W17	2 21 26	3°39'33	27°43	13° 4	8°51	13°53	7°54	27°15	25°10	6°56	27°46	0° 5	29°48	24°20	17°44	W17
T 18	2 25 23	4°39'41	12♍ 5	14°37	10° 7	14°29	8° 4	27°20	25°11	6°55	27°45	0° 5	29°45	24°27	17°42	T 18
F 19	2 29 19	5°39'51	26°29	16° 9	11°22	15° 4	8°13	27°25	25°12	6°55	27°44	0° 5	29°42	24°34	17°40	F 19
S 20	2 33 16	6°40'03	10♎50	17°42	12°37	15°40	8°23	27°30	25°13	6°54	27°43	0° 6	29°38	24°40	17°39	S 20
S 21	2 37 12	7°40'17	25° 2	19°13	13°52	16°16	8°32	27°35	25°14	6°53	27°42	0°R 6	29°35	24°47	17°37	S 21
M22	2 41 9	8°40'32	9♏ 2	20°45	15° 7	16°52	8°41	27°41	25°16	6°53	27°41	0° 6	29°32	24°54	17°36	M22
T 23	2 45 6	9°40'50	22°46	22°15	16°23	17°28	8°50	27°46	25°17	6°52	27°40	0° 6	29°29	25° 0	17°34	T 23
W24	2 49 2	10°41'09	6♐11	23°46	17°38	18° 5	9° 0	27°52	25°19	6°51	27°40	0° 5	29°26	25° 7	17°33	W24
T 25	2 52 59	11°41'30	19°15	25°16	18°53	18°41	9° 8	27°57	25°20	6°50	27°39	0° 3	29°22	25°14	17°31	T 25
F 26	2 56 55	12°41'53	2♑ 0	26°46	20° 8	19°18	9°17	28° 3	25°22	6°50	27°38	0° 1	29°19	25°21	17°30	F 26
S 27	3 0 52	13°42'17	14°27	28°15	21°24	19°55	9°26	28° 8	25°23	6°49	27°37	29♈59	29°16	25°27	17°29	S 27
S 28	3 4 48	14°42'42	26°38	29°44	22°39	20°32	9°35	28°14	25°25	6°48	27°37	29°58	29°13	25°34	17°27	S 28
M29	3 8 45	15°43'09	8♒39	1♐13	23°54	21° 9	9°43	28°20	25°27	6°47	27°36	29°57	29°10	25°41	17°26	M29
T 30	3 12 41	16°43'37	20°32	2°41	25° 9	21°47	9°51	28°26	25°28	6°46	27°35	29°D57	29° 7	25°47	17°25	T 30
W31	3 16 38	17♏44'06	2♓24	4♐ 8	26♏25	22♒24	10♍ 0	28♐32	25♑30	6♋45	27♓34	29♈58	29♈ 3	25♒54	17♓24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	6s58	25s11	5s16	5s52	0n58	6s20	1n 8	22s 2	3s 3	10n31	0n55	22s40	0n47	21s44	0s34	22n21	0s58	16s13	16s52	11n34	11n44	18s32	0s40	4n19	
T 2	7 21	22 0	5 9	6 37	0 51	6 50	1 6	21 51	3 0	10 27	0 56	22 40	0 47	21 44	0 33	22 21	0 58	16 13	16 52	11 33	11 42	18 30	0 41	4 19	
W 3	7 43	17 55	4 48	7 21	0 45	7 20	1 5	21 40	2 57	10 23	0 56	22 40	0 46	21 44	0 33	22 21	0 58	16 13	16 52	11 33	11 41	18 27	0 42	4 19	
T 4	8 6	13 8	4 15	8 4	0 39	7 49	1 3	21 30	2 54	10 20	0 56	22 40	0 46	21 44	0 33	22 21	0 58	16 14	16 52	11 32	11 40	18 25	0 43	4 19	
F 5	8 28	7 50	3 31	8 47	0 32	8 19	1 2	21 19	2 52	10 16	0 56	22 41	0 46	21 44	0 33	22 21	0 58	16 14	16 52	11 32	11 39	18 22	0 44	4 19	
S 6	8 50	2 10	2 36	9 29	0 26	8 48	1 0	21 7	2 49	10 12	0 56	22 41	0 46	21 44	0 33	22 21	0 58	16 14	16 51	11 32	11 38	18 20	0 45	4 18	
S 7	9 13	3n40	1 34	10 11	0 19	9 17	0 58	20 56	2 46	10 8	0 56	22 41	0 46	21 44	0 33	22 21	0 58	16 15	16 51	11 31	11 37	18 17	0 46	4 18	
M 8	9 35	9 27	0 26	10 53	0 12	9 45	0 57	20 45	2 44	10 4	0 57	22 41	0 46	21 44	0 33	22 21	0 58	16 15	16 51	11 31	11 36	18 14	0 47	4 18	
T 9	9 57	14 58	0n45	11 33	0 6	10 14	0 55	20 33	2 41	10 1	0 57	22 42	0 46	21 43	0 33	22 21	0 58	16 15	16 51	11 31	11 35	18 12	0 48	4 18	
W10	10 18	19 56	1 54	12 13	0s 1	10 42	0 53	20 22	2 38	9 57	0 57	22 42	0 45	21 43	0 33	22 21	0 58	16 15	16 51	11 31	11 33	18 9	0 49	4 18	
T 11	10 40	24 0	2 59	12 53	0 8	11 10	0 51	20 10	2 36	9 53	0 57	22 42	0 45	21 43	0 33	22 21	0 58	16 16	16 51	11 31	11 32	18 7	0 50	4 17	
F 12	11 1	26 50	3 55	13 31	0 15	11 38	0 49	19 58	2 33	9 49	0 57	22 42	0 45	21 43	0 33	22 21	0 58	16 16	16 50	11 31	11 31	18 4	0 51	4 17	
S 13	11 23	28 8	4 38	14 9	0 21	12 5	0 47	19 46	2 30	9 46	0 57	22 43	0 45	21 43	0 33	22 21	0 58	16 16	16 50	11 31	11 30	18 2	0 52	4 17	
S 14	11 44	27 42	5 7	14 46	0 28	12 32	0 45	19 34	2 28	9 42	0 58	22 43	0 45	21 42	0 33	22 21	0 58	16 16	16 50	11 31	11 29	17 59	0 53	4 17	
M15	12 5	25 31	5 17	15 23	0 35	12 59	0 43	19 21	2 25	9 39	0 58	22 43	0 45	21 42	0 33	22 21	0 58	16 16	16 50	11 31	11 28	17 56	0 54	4 16	
T 16	12 25	21 45	5 9	15 59	0 41	13 26	0 41	19 9	2 23	9 35	0 58	22 43	0 45	21 42	0 33	22 21	0 58	16 17	16 50	11 31	11 27	17 54	0 55	4 16	
W17	12 46	16 41	4 41	16 33	0 48	13 52	0 39	18 56	2 20	9 32	0 58	22 44	0 45	21 42	0 33	22 21	0 58	16 17	16 49	11 32	11 26	17 51	0 56	4 16	
T 18	13 6	10 40	3 56	17 8	0 54	14 18	0 37	18 43	2 18	9 28	0 58	22 44	0 44	21 42	0 33	22 21	0 58	16 17	16 49	11 32	11 25	17 48	0 57	4 16	
F 19	13 26	4 5	2 56	17 41	1 1	14 43	0 35	18 31	2 15	9 25	0 59	22 44	0 44	21 41	0 33	22 21	0 58	16 17	16 49	11 32	11 23	17 46	0 58	4 15	
S 20	13 46	2s41	1 45	18 13	1 7	15 9	0 33	18 18	2 13	9 21	0 59	22 44	0 44	21 41	0 33	22 21	0 58	16 17	16 49	11 32	11 22	17 43	0 59	4 15	
S 21	14 6	9 17	0 28	18 44	1 13	15 33	0 30	18 4	2 10	9 18	0 59	22 44	0 44	21 41	0 33	22 21	0 58	16 17	16 49	11 32	11 21	17 41	1 0	4 15	
M22	14 26	15 19	0s49	19 15	1 19	15 58	0 28	17 51	2 8	9 15	0 59	22 45	0 44	21 41	0 33	22 21	0 58	16 18	16 48	11 32	11 20	17 38	1 0	4 15	
T 23	14 45	20 29	2 2	19 45	1 25	16 22	0 26	17 38	2 6	9 11	0 59	22 45	0 44	21 40	0 33	22 21	0 58	16 18	16 48	11 32	11 19	17 35	1 1	4 14	
W24	15 4	24 27	3 7	20 13	1 31	16 45	0 24	17 24	2 3	9 8	1 0	22 45	0 44	21 40	0 33	22 21	0 58	16 18	16 48	11 32	11 18	17 33	1 2	4 14	
T 25	15 23	27 2	4 0	20 41	1 36	17 8	0 21	17 11	2 1	9 5	1 0	22 45	0 44	21 40	0 33	22 21	0 58	16 18	16 48	11 31	11 17	17 30	1 3	4 14	
F 26	15 41	28 8	4 39	21 7	1 41	17 31	0 19	16 57	1 59	9 2	1 0	22 46	0 43	21 39	0 33	22 21	0 58	16 18	16 47	11 30	11 16	17 27	1 4	4 13	
S 27	15 59	27 45	5 4	21 33	1 47	17 53	0 17	16 43	1 56	8 59	1 0	22 46	0 43	21 39	0 33	22 21	0 58	16 18	16 47	11 30	11 14	17 25	1 4	4 13	
S 28	16 17	26 2	5 15	21 58	1 52	18 15	0 14	16 29	1 54	8 56	1 0	22 46	0 43	21 39	0 33	22 21	0 58	16 18	16 47	11 29	11 13	17 22	1 5	4 13	
M29	16 35	23 10	5 12	22 21	1 56	18 36	0 12	16 15	1 52	8 53	1 1	22 46	0 43	21 38	0 33	22 21	0 58	16 18	16 47	11 29	11 12	17 19	1 6	4 13	
T 30	16 53	19 21	4 56	22 43	2 1	18 57	0 9	16 1	1 50	8 50	1 1	22 46	0 43	21 38	0 33	22 21	0 58	16 18	16 46	11 29	11 11	17 17	1 6	4 12	
W31	17s10	14s47	4s27	23s 4	2s 5	19s17	0n 7	15s46	1s48	8n47	1n 1	22s46	0n43	21s38	0s33	22n21	0s59	16s18	16s46	11n29	11n10	17s14	1s 7	4n12	

Julian Day Number = 2296965.5, Delta T = 125.84 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'02, Lahiri = 17°57'03 Julian Calendar 1 Oct. 1576 == Greg. Calendar 11 Oct. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

NOVEMBER 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 20 35	18♏44'37	14♓19	5♐35	27♏40	23♒ 2	10♍ 8	28♐38	25♑32	6°R44	27°R34	29♈59	29♈ 0	26♒ 1	17°R23	T 1
F 2	3 24 31	19°45'09	26°21	7° 2	28°55	23°39	10°16	28°43	25°34	6♋43	27♓33	0♉ 1	28°57	26° 8	17♓22	F 2
S 3	3 28 28	20°45'42	8♈35	8°27	0♐10	24°17	10°24	28°50	25°36	6°42	27°32	0° 2	28°54	26°14	17°21	S 3
S 4	3 32 24	21°46'17	21° 3	9°52	1°26	24°55	10°31	28°56	25°38	6°41	27°32	0° 3	28°51	26°21	17°20	S 4
M 5	3 36 21	22°46'53	3♉49	11°17	2°41	25°33	10°39	29° 2	25°40	6°40	27°31	0°R 4	28°48	26°28	17°20	M 5
T 6	3 40 17	23°47'30	16°53	12°40	3°56	26°12	10°46	29° 8	25°42	6°39	27°31	0° 3	28°44	26°34	17°19	T 6
W 7	3 44 14	24°48'09	0♊16	14° 2	5°11	26°50	10°54	29°14	25°44	6°37	27°30	0° 0	28°41	26°41	17°18	W 7
T 8	3 48 10	25°48'49	13°55	15°24	6°27	27°28	11° 1	29°20	25°46	6°36	27°29	29♈57	28°38	26°48	17°18	T 8
F 9	3 52 7	26°49'31	27°48	16°44	7°42	28° 7	11° 8	29°27	25°48	6°35	27°29	29°53	28°35	26°54	17°17	F 9
S 10	3 56 4	27°50'15	11♋52	18° 2	8°57	28°45	11°15	29°33	25°50	6°34	27°28	29°49	28°32	27° 1	17°17	S 10
S 11	4 0 0	28°51'00	26° 2	19°19	10°12	29°24	11°21	29°39	25°53	6°33	27°28	29°45	28°28	27° 8	17°16	S 11
M12	4 3 57	29°51'46	10♌14	20°34	11°28	0♓ 3	11°28	29°46	25°55	6°31	27°28	29°42	28°25	27°15	17°16	M12
T 13	4 7 53	0♐52'34	24°26	21°47	12°43	0°42	11°34	29°52	25°57	6°30	27°27	29°41	28°22	27°21	17°15	T 13
W14	4 11 50	1°53'23	8♍36	22°57	13°58	1°21	11°41	29°59	26° 0	6°29	27°27	29°D41	28°19	27°28	17°15	W14
T 15	4 15 46	2°54'14	22°41	24° 5	15°13	2° 0	11°47	0♑ 5	26° 2	6°27	27°26	29°42	28°16	27°35	17°15	T 15
F 16	4 19 43	3°55'06	6♎40	25° 9	16°29	2°39	11°53	0°12	26° 5	6°26	27°26	29°43	28°13	27°41	17°15	F 16
S 17	4 23 39	4°56'00	20°32	26° 9	17°44	3°18	11°59	0°18	26° 7	6°25	27°26	29°45	28° 9	27°48	17°15	S 17
S 18	4 27 36	5°56'55	4♏16	27° 5	18°59	3°57	12° 4	0°25	26°10	6°23	27°25	29°R45	28° 6	27°55	17°D15	S 18
M19	4 31 33	6°57'51	17°50	27°56	20°14	4°37	12°10	0°32	26°12	6°22	27°25	29°43	28° 3	28° 2	17°15	M19
T 20	4 35 29	7°58'49	1♐12	28°42	21°30	5°16	12°15	0°38	26°15	6°20	27°25	29°40	28° 0	28° 8	17°15	T 20
W21	4 39 26	8°59'48	14°21	29°21	22°45	5°55	12°21	0°45	26°17	6°19	27°24	29°35	27°57	28°15	17°15	W21
T 22	4 43 22	10° 0'47	27°15	29°53	24° 0	6°35	12°26	0°52	26°20	6°17	27°24	29°28	27°54	28°22	17°15	T 22
F 23	4 47 19	11° 1'48	9♑53	0♑17	25°15	7°15	12°30	0°58	26°23	6°16	27°24	29°20	27°50	28°28	17°15	F 23
S 24	4 51 15	12° 2'49	22°17	0°32	26°30	7°54	12°35	1° 5	26°25	6°14	27°24	29°12	27°47	28°35	17°16	S 24
S 25	4 55 12	13° 3'51	4♒28	0°R37	27°46	8°34	12°40	1°12	26°28	6°13	27°24	29° 5	27°44	28°42	17°16	S 25
M26	4 59 9	14° 4'53	16°28	0°32	29° 1	9°14	12°44	1°19	26°31	6°11	27°23	28°59	27°41	28°48	17°16	M26
T 27	5 3 5	15° 5'56	28°21	0°15	0♑16	9°54	12°48	1°26	26°34	6°10	27°23	28°55	27°38	28°55	17°17	T 27
W28	5 7 2	16° 7'00	10♓11	29♐47	1°31	10°34	12°52	1°33	26°37	6° 8	27°23	28°53	27°34	29° 2	17°18	W28
T 29	5 10 58	17° 8'03	22° 3	29° 8	2°47	11°14	12°56	1°39	26°40	6° 7	27°23	28°D53	27°31	29° 9	17°18	T 29
F 30	5 14 55	18♐ 9'08	4♈ 3	28♐17	4♑ 2	11♓54	13♍ 0	1♑46	26♑43	6♋ 5	27♓23	28♈54	27♈28	29♒15	17♓19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s26	9s40	3s46	23s24	2s 9	19s37	0n 5	15s32	1s45	8n44	1n 1	22s47	0n43	21s37	0s33	22n21	0s59	16s18	16s46	11n30	11n 9	17s11	1s 8	4n12	
F 2	17 43	4 8	2 55	23 43	2 13	19 56	0 2	15 17	1 43	8 41	1 2	22 47	0 43	21 37	0 33	22 21	0 59	16 18	16 45	11 30	11 8	17 9	1 8	4 12	
S 3	17 59	1n38	1 56	24 1	2 16	20 14	0s 0	15 3	1 41	8 38	1 2	22 47	0 42	21 37	0 33	22 21	0 59	16 18	16 45	11 31	11 7	17 6	1 9	4 11	
S 4	18 15	7 28	0 49	24 17	2 19	20 32	0 3	14 48	1 39	8 36	1 2	22 47	0 42	21 36	0 33	22 21	0 59	16 18	16 45	11 31	11 5	17 3	1 10	4 11	
M 5	18 31	13 9	0n21	24 32	2 22	20 50	0 5	14 33	1 37	8 33	1 2	22 47	0 42	21 36	0 33	22 21	0 59	16 18	16 45	11 31	11 4	17 0	1 10	4 11	
T 6	18 46	18 23	1 31	24 45	2 24	21 7	0 8	14 18	1 35	8 30	1 2	22 47	0 42	21 35	0 33	22 21	0 59	16 18	16 44	11 31	11 3	16 58	1 11	4 10	
W 7	19 1	22 50	2 38	24 57	2 26	21 23	0 10	14 3	1 33	8 28	1 3	22 48	0 42	21 35	0 33	22 21	0 59	16 18	16 44	11 30	11 2	16 55	1 11	4 10	
T 8	19 15	26 8	3 38	25 8	2 27	21 38	0 12	13 48	1 31	8 25	1 3	22 48	0 42	21 35	0 33	22 21	0 59	16 18	16 44	11 29	11 1	16 52	1 12	4 10	
F 9	19 30	27 54	4 25	25 18	2 28	21 53	0 15	13 33	1 29	8 23	1 3	22 48	0 42	21 34	0 33	22 21	0 59	16 18	16 43	11 27	11 0	16 50	1 12	4 9	
S 10	19 44	27 54	4 58	25 26	2 29	22 8	0 17	13 17	1 27	8 21	1 3	22 48	0 42	21 34	0 33	22 21	0 59	16 18	16 43	11 26	10 59	16 47	1 13	4 9	
S 11	19 57	26 6	5 12	25 32	2 29	22 21	0 20	13 2	1 25	8 18	1 4	22 48	0 42	21 33	0 33	22 21	0 59	16 18	16 43	11 25	10 57	16 44	1 13	4 9	
M12	20 10	22 39	5 7	25 37	2 28	22 35	0 22	12 46	1 23	8 16	1 4	22 48	0 42	21 33	0 33	22 22	0 59	16 18	16 42	11 24	10 56	16 41	1 14	4 9	
T 13	20 23	17 52	4 44	25 41	2 26	22 47	0 25	12 31	1 21	8 14	1 4	22 48	0 41	21 32	0 33	22 22	0 59	16 17	16 42	11 23	10 55	16 39	1 14	4 8	
W14	20 35	12 7	4 4	25 43	2 24	22 59	0 27	12 15	1 19	8 11	1 4	22 48	0 41	21 32	0 33	22 22	0 59	16 17	16 42	11 23	10 54	16 36	1 14	4 8	
T 15	20 47	5 48	3 8	25 43	2 21	23 10	0 29	11 59	1 17	8 9	1 5	22 49	0 41	21 32	0 33	22 22	0 59	16 17	16 41	11 24	10 53	16 33	1 15	4 8	
F 16	20 59	0s47	2 3	25 42	2 18	23 20	0 32	11 43	1 15	8 7	1 5	22 49	0 41	21 31	0 33	22 22	0 59	16 17	16 41	11 24	10 52	16 30	1 15	4 7	
S 17	21 10	7 16	0 50	25 39	2 13	23 30	0 34	11 27	1 13	8 5	1 5	22 49	0 41	21 31	0 33	22 22	0 59	16 17	16 41	11 25	10 51	16 28	1 15	4 7	
S 18	21 21	13 22	0s25	25 35	2 7	23 39	0 36	11 11	1 11	8 3	1 5	22 49	0 41	21 30	0 33	22 22	0 59	16 17	16 40	11 25	10 50	16 25	1 16	4 7	
M19	21 31	18 44	1 37	25 29	2 1	23 47	0 39	10 55	1 9	8 1	1 6	22 49	0 41	21 30	0 33	22 22	0 59	16 17	16 40	11 24	10 48	16 22	1 16	4 7	
T 20	21 41	23 6	2 42	25 22	1 53	23 54	0 41	10 39	1 8	8 0	1 6	22 49	0 41	21 29	0 33	22 22	0 59	16 16	16 40	11 23	10 47	16 19	1 16	4 6	
W21	21 51	26 11	3 38	25 14	1 44	24 1	0 43	10 23	1 6	7 58	1 6	22 49	0 41	21 29	0 33	22 22	0 59	16 16	16 39	11 21	10 46	16 17	1 16	4 6	
T 22	22 0	27 50	4 22	25 3	1 34	24 7	0 45	10 6	1 4	7 56	1 6	22 49	0 41	21 28	0 32	22 22	0 59	16 16	16 39	11 18	10 45	16 14	1 17	4 6	
F 23	22 9	27 58	4 51	24 52	1 22	24 12	0 48	9 50	1 2	7 55	1 7	22 49	0 41	21 28	0 32	22 22	0 59	16 16	16 39	11 16	10 44	16 11	1 17	4 5	
S 24	22 17	26 41	5 6	24 39	1 9	24 17	0 50	9 34	1 1	7 53	1 7	22 49	0 40	21 27	0 32	22 22	0 59	16 15	16 38	11 13	10 43	16 8	1 17	4 5	
S 25	22 25	24 9	5 7	24 24	0 55	24 21	0 52	9 17	0 59	7 51	1 7	22 49	0 40	21 26	0 32	22 22	0 59	16 15	16 38	11 10	10 42	16 5	1 17	4 5	
M26	22 33	20 37	4 54	24 9	0 39	24 24	0 54	9 0	0 57	7 50	1 7	22 49	0 40	21 26	0 32	22 22	0 59	16 15	16 38	11 8	10 40	16 3	1 17	4 4	
T 27	22 40	16 17	4 29	23 52	0 22	24 26	0 56	8 44	0 55	7 49	1 8	22 49	0 40	21 25	0 32	22 22	0 59	16 15	16 37	11 7	10 39	16 0	1 17	4 4	
W28	22 46	11 21	3 52	23 34	0 4	24 27	0 58	8 27	0 54	7 47	1 8	22 49	0 40	21 25	0 32	22 23	0 59	16 14	16 37	11 6	10 38	15 57	1 17	4 4	
T 29	22 52	6 0	3 5	23 14	0n15	24 28	1 0	8 10	0 52	7 46	1 8	22 49	0 40	21 24	0 32	22 23	0 59	16 14	16 37	11 6	10 37	15 54	1 17	4 4	
F 30	22s58	0s22	2s10	22s54	0n35	24s28	1s 2	7s54	0s50	7n45	1n 9	22s49	0n40	21s24	0s32	22n23	0s59	16s14	16s36	11n 7	10n36	15s51	1s17	4n 3	

Julian Day Number = 2296996.5, Delta T = 125.69 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'06, Lahiri = 17°57'07 Julian Calendar 1 Nov. 1576 == Greg. Calendar 11 Nov. 1576

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ASTRODIENST EPHEMERIS for the year 1576
geocentric

DECEMBER 1576 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 18 51	19♐10'12	16♈16	27°R16	5♑17	12♓34	13♍ 3	1♑53	26♑45	6°R 3	27°R23	28♈55	27♈25	29♒22	17♓20	S 1
S 2	5 22 48	20°11'17	28°47	26♐ 7	6°32	13°14	13° 7	2° 0	26°48	6♋ 2	27°D23	28°R56	27°22	29°29	17°20	S 2
M 3	5 26 44	21°12'23	11♉39	24°50	7°47	13°54	13°10	2° 7	26°51	6° 0	27♓23	28°55	27°19	29°35	17°21	M 3
T 4	5 30 41	22°13'29	24°55	23°29	9° 2	14°35	13°13	2°14	26°54	5°59	27°23	28°52	27°15	29°42	17°22	T 4
W 5	5 34 38	23°14'35	8♊35	22° 6	10°17	15°15	13°15	2°21	26°58	5°57	27°23	28°47	27°12	29°49	17°23	W 5
T 6	5 38 34	24°15'42	22°38	20°44	11°33	15°55	13°18	2°28	27° 1	5°55	27°23	28°39	27° 9	29°55	17°24	T 6
F 7	5 42 31	25°16'49	7♋ 0	19°26	12°48	16°35	13°20	2°35	27° 4	5°54	27°23	28°30	27° 6	0♓ 2	17°25	F 7
S 8	5 46 27	26°17'56	21°33	18°15	14° 3	17°16	13°23	2°42	27° 7	5°52	27°24	28°20	27° 3	0° 9	17°26	S 8
S 9	5 50 24	27°19'05	6♌12	17°11	15°18	17°56	13°25	2°49	27°10	5°50	27°24	28°11	27° 0	0°16	17°27	S 9
M10	5 54 20	28°20'13	20°48	16°16	16°33	18°37	13°27	2°56	27°13	5°49	27°24	28° 4	26°56	0°22	17°29	M10
T 11	5 58 17	29°21'22	5♍16	15°32	17°48	19°17	13°28	3° 3	27°16	5°47	27°24	27°59	26°53	0°29	17°30	T 11
W12	6 2 13	0♎22'32	19°32	14°58	19° 3	19°58	13°30	3°10	27°20	5°45	27°24	27°57	26°50	0°36	17°31	W12
T 13	6 6 10	1°23'42	3♏33	14°35	20°18	20°38	13°31	3°18	27°23	5°44	27°25	27°D56	26°47	0°42	17°33	T 13
F 14	6 10 7	2°24'52	17°21	14°22	21°33	21°19	13°32	3°25	27°26	5°42	27°25	27°57	26°44	0°49	17°34	F 14
S 15	6 14 3	3°26'03	0♏54	14°D19	22°48	21°59	13°33	3°32	27°29	5°40	27°25	27°R57	26°40	0°56	17°35	S 15
S 16	6 18 0	4°27'14	14°15	14°25	24° 3	22°40	13°34	3°39	27°33	5°38	27°25	27°56	26°37	1° 3	17°37	S 16
M17	6 21 56	5°28'26	27°24	14°39	25°18	23°20	13°34	3°46	27°36	5°37	27°26	27°52	26°34	1° 9	17°39	M17
T 18	6 25 53	6°29'38	10♐23	15° 2	26°33	24° 1	13°34	3°53	27°39	5°35	27°26	27°45	26°31	1°16	17°40	T 18
W19	6 29 49	7°30'50	23°11	15°31	27°49	24°42	13°R35	4° 0	27°43	5°33	27°27	27°36	26°28	1°23	17°42	W19
T 20	6 33 46	8°32'02	5♑48	16° 6	29° 4	25°22	13°35	4° 7	27°46	5°32	27°27	27°24	26°25	1°29	17°44	T 20
F 21	6 37 43	9°33'14	18°14	16°47	0♒18	26° 3	13°34	4°14	27°49	5°30	27°28	27°10	26°21	1°36	17°46	F 21
S 22	6 41 39	10°34'26	0♒29	17°33	1°33	26°44	13°34	4°21	27°53	5°28	27°28	26°56	26°18	1°43	17°47	S 22
S 23	6 45 36	11°35'37	12°35	18°24	2°48	27°24	13°33	4°28	27°56	5°27	27°28	26°43	26°15	1°49	17°49	S 23
M24	6 49 32	12°36'48	24°32	19°18	4° 3	28° 5	13°32	4°35	28° 0	5°25	27°29	26°32	26°12	1°56	17°51	M24
T 25	6 53 29	13°37'59	6♓22	20°16	5°18	28°46	13°31	4°42	28° 3	5°23	27°30	26°24	26° 9	2° 3	17°53	T 25
W26	6 57 25	14°39'09	18°11	21°18	6°33	29°27	13°30	4°49	28° 7	5°22	27°30	26°18	26° 6	2° 9	17°55	W26
T 27	7 1 22	15°40'18	0♈ 1	22°22	7°48	0♈ 8	13°29	4°56	28°10	5°20	27°31	26°15	26° 2	2°16	17°58	T 27
F 28	7 5 18	16°41'27	11°58	23°29	9° 3	0°48	13°27	5° 3	28°13	5°18	27°31	26°14	25°59	2°23	18° 0	F 28
S 29	7 9 15	17°42'35	24° 6	24°38	10°18	1°29	13°25	5°10	28°17	5°17	27°32	26°14	25°56	2°30	18° 2	S 29
S 30	7 13 12	18°43'42	6♉33	25°49	11°33	2°10	13°23	5°17	28°20	5°15	27°33	26°14	25°53	2°36	18° 4	S 30
M31	7 17 8	19♑44'49	19♉22	27♐ 2	12♒47	2♈51	13♍21	5♑24	28♑24	5♋13	27♓33	26♈12	25♈50	2♓43	18♓ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	5n22	1s 8	22s33	0n55	24s27	1s 4	7s37	0s49	7n44	1n 9	22s49	0n40	21s23	0s32	22n23	0s59	16s13	16s36	11n 7	10n35	15s49	1s17	4n 3
S 2	23 8	11 3	0 1	22 11	1 15	24 26	1 6	7 20	0 47	7 43	1 9	22 49	0 40	21 22	0 32	22 23	0 59	16 13	16 35	11 7	10 34	15 46	1 17	4 3
M 3	23 12	16 26	1n 8	21 49	1 35	24 24	1 8	7 3	0 46	7 42	1 9	22 49	0 40	21 22	0 32	22 23	0 59	16 13	16 35	11 7	10 32	15 43	1 17	4 2
T 4	23 16	21 13	2 15	21 27	1 53	24 21	1 10	6 46	0 44	7 41	1 10	22 49	0 40	21 21	0 32	22 23	0 59	16 12	16 35	11 6	10 31	15 40	1 17	4 2
W 5	23 19	25 1	3 16	21 6	2 10	24 17	1 11	6 29	0 43	7 40	1 10	22 49	0 40	21 21	0 32	22 23	0 59	16 12	16 34	11 4	10 30	15 37	1 17	4 2
T 6	23 22	27 24	4 7	20 46	2 25	24 12	1 13	6 12	0 41	7 39	1 10	22 49	0 39	21 20	0 32	22 23	0 59	16 12	16 34	11 1	10 29	15 34	1 17	4 1
F 7	23 25	28 2	4 43	20 27	2 38	24 7	1 15	5 55	0 39	7 39	1 10	22 49	0 39	21 19	0 32	22 23	0 59	16 11	16 34	10 58	10 28	15 32	1 17	4 1
S 8	23 27	26 44	5 2	20 11	2 48	24 1	1 16	5 37	0 38	7 38	1 11	22 49	0 39	21 19	0 32	22 23	0 59	16 11	16 33	10 55	10 27	15 29	1 17	4 1
S 9	23 28	23 38	5 1	19 58	2 56	23 54	1 18	5 20	0 36	7 38	1 11	22 49	0 39	21 18	0 32	22 23	0 59	16 11	16 33	10 51	10 26	15 26	1 17	4 1
M10	23 29	19 1	4 41	19 47	3 1	23 47	1 19	5 3	0 35	7 37	1 11	22 49	0 39	21 18	0 32	22 23	0 59	16 10	16 33	10 49	10 24	15 23	1 16	4 0
T 11	23 30	13 22	4 3	19 39	3 5	23 39	1 21	4 46	0 34	7 37	1 12	22 49	0 39	21 17	0 32	22 23	0 59	16 10	16 32	10 47	10 23	15 20	1 16	4 0
W12	23 30	7 4	3 10	19 34	3 6	23 30	1 22	4 29	0 32	7 37	1 12	22 49	0 39	21 16	0 32	22 24	0 59	16 9	16 32	10 46	10 22	15 17	1 16	4 0
T 13	23 29	0 31	2 6	19 32	3 5	23 20	1 24	4 11	0 31	7 36	1 12	22 48	0 39	21 16	0 32	22 24	0 59	16 9	16 32	10 46	10 21	15 14	1 16	3 59
F 14	23 28	5s58	0 56	19 33	3 3	23 10	1 25	3 54	0 29	7 36	1 12	22 48	0 39	21 15	0 32	22 24	0 59	16 8	16 31	10 46	10 20	15 12	1 15	3 59
S 15	23 27	12 4	0s16	19 36	2 59	22 59	1 26	3 37	0 28	7 36	1 13	22 48	0 39	21 14	0 32	22 24	0 59	16 8	16 31	10 46	10 19	15 9	1 15	3 59
S 16	23 25	17 31	1 26	19 42	2 54	22 47	1 27	3 19	0 26	7 36	1 13	22 48	0 39	21 14	0 32	22 24	0 59	16 8	16 30	10 46	10 17	15 6	1 15	3 59
M17	23 23	22 3	2 30	19 49	2 49	22 35	1 28	3 2	0 25	7 36	1 13	22 48	0 39	21 13	0 32	22 24	0 59	16 7	16 30	10 44	10 16	15 3	1 14	3 58
T 18	23 20	25 26	3 25	19 58	2 42	22 21	1 29	2 45	0 24	7 36	1 14	22 48	0 39	21 12	0 32	22 24	0 59	16 7	16 30	10 42	10 15	15 0	1 14	3 58
W19	23 17	27 28	4 9	20 8	2 35	22 8	1 30	2 27	0 22	7 36	1 14	22 48	0 39	21 12	0 32	22 24	0 59	16 6	16 29	10 39	10 14	14 57	1 13	3 58
T 20	23 13	28 2	4 40	20 20	2 27	21 53	1 31	2 10	0 21	7 37	1 14	22 48	0 38	21 11	0 32	22 24	0 59	16 6	16 29	10 34	10 13	14 54	1 13	3 57
F 21	23 9	27 9	4 57	20 32	2 19	21 38	1 32	1 53	0 20	7 37	1 14	22 47	0 38	21 10	0 32	22 24	0 59	16 5	16 29	10 29	10 12	14 51	1 13	3 57
S 22	23 4	24 58	5 0	20 45	2 10	21 22	1 33	1 35	0 19	7 38	1 15	22 47	0 38	21 10	0 32	22 24	0 59	16 5	16 28	10 24	10 11	14 48	1 12	3 57
S 23	22 59	21 42	4 49	20 58	2 2	21 6	1 34	1 18	0 17	7 38	1 15	22 47	0 38	21 9	0 32	22 24	0 59	16 4	16 28	10 20	10 9	14 46	1 12	3 57
M24	22 54	17 33	4 26	21 12	1 53	20 49	1 34	1 0	0 16	7 39	1 15	22 47	0 38	21 8	0 32	22 25	0 59	16 4	16 28	10 16	10 8	14 43	1 11	3 56
T 25	22 48	12 46	3 51	21 25	1 44	20 31	1 35	0 43	0 15	7 39	1 16	22 47	0 38	21 8	0 32	22 25	0 59	16 3	16 27	10 13	10 7	14 40	1 10	3 56
W26	22 41	7 33	3 7	21 38	1 35	20 13	1 36	0 26	0 13	7 40	1 16	22 46	0 38	21 7	0 32	22 25	0 59	16 3	16 27	10 10	10 6	14 37	1 10	3 56
T 27	22 34	2 3	2 14	21 51	1 25	19 54	1 36	0 8	0 12	7 41	1 16	22 46	0 38	21 6	0 32	22 25	0 59	16 2	16 27	10 9	10 5	14 34	1 9	3 56
F 28	22 27	3n35	1 15	22 4	1 16	19 35	1 36	0n 9	0 11	7 42	1 16	22 46	0 38	21 6	0 32	22 25	0 59	16 2	16 26	10 9	10 4	14 31	1 9	3 55
S 29	22 19	9 12	0 11	22 16	1 7	19 15	1 37	0 27	0 10	7 43	1 17	22 46	0 38	21 5	0 32	22 25	0 59	16 1	16 26	10 9	10 2	14 28	1 8	3 55
S 30	22 11	14 35	0n54	22 28	0 58	18 55	1 37	0 44	0 9	7 44	1 17	22 46	0 38	21 4	0 32	22 25	0 59	16 0	16 26	10 9	10 1	14 25	1 7	3 55
M31	22s 2	19n31	1n59	22s39	0n49	18s34	1s37	1n 1	0s 8	7n45	1n17	22s45	0n38	21s 3	0s32	22n25	0s58	16s 0	16s25	10n 8	10n 0	14s22	1s 7	3n55

Julian Day Number = 2297026.5, Delta T = 125.54 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'11, Lahiri = 17°57'11 Julian Calendar 1 Dec. 1576 == Greg. Calendar 11 Dec. 1576

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

JANUARY 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 21 5	20♉45'55	2♊38	28♐17	14♒ 2	3♈32	13°R19	5♉31	28♉27	5°R12	27♓34	26°R 8	25♈46	2♓50	18♓ 9	T 1
W 2	7 25 1	21°47'00	16°24	29°33	15°17	4°13	13♍16	5°38	28°31	5♋10	27°35	26♈ 1	25°43	2°56	18°11	W 2
T 3	7 28 58	22°48'05	0♋37	0♉51	16°32	4°53	13°13	5°45	28°34	5° 8	27°35	25°52	25°40	3° 3	18°14	T 3
F 4	7 32 54	23°49'09	15°16	2°10	17°46	5°34	13°10	5°51	28°38	5° 7	27°36	25°40	25°37	3°10	18°16	F 4
S 5	7 36 51	24°50'12	0♌12	3°30	19° 1	6°15	13° 7	5°58	28°41	5° 5	27°37	25°28	25°34	3°16	18°19	S 5
S 6	7 40 47	25°51'14	15°17	4°52	20°16	6°56	13° 4	6° 5	28°45	5° 4	27°38	25°17	25°31	3°23	18°21	S 6
M 7	7 44 44	26°52'15	0♍19	6°14	21°30	7°37	13° 0	6°12	28°48	5° 2	27°38	25° 7	25°27	3°30	18°24	M 7
T 8	7 48 41	27°53'16	15°11	7°38	22°45	8°17	12°57	6°19	28°52	5° 1	27°39	25° 0	25°24	3°37	18°26	T 8
W 9	7 52 37	28°54'17	29°44	9° 2	23°59	8°58	12°53	6°25	28°55	4°59	27°40	24°56	25°21	3°43	18°29	W 9
T 10	7 56 34	29°55'16	13♎57	10°28	25°14	9°39	12°49	6°32	28°59	4°58	27°41	24°55	25°18	3°50	18°32	T 10
F 11	8 0 30	0♒56'16	27°47	11°54	26°28	10°20	12°45	6°39	29° 3	4°56	27°42	24°55	25°15	3°57	18°34	F 11
S 12	8 4 27	1°57'14	11♏16	13°21	27°43	11° 1	12°40	6°45	29° 6	4°55	27°43	24°54	25°12	4° 3	18°37	S 12
S 13	8 8 23	2°58'12	24°27	14°49	28°57	11°42	12°36	6°52	29°10	4°53	27°44	24°53	25° 8	4°10	18°40	S 13
M14	8 12 20	3°59'10	7♐21	16°18	0♓12	12°22	12°31	6°58	29°13	4°52	27°45	24°49	25° 5	4°17	18°43	M14
T 15	8 16 16	5° 0'06	20° 2	17°47	1°26	13° 3	12°26	7° 5	29°17	4°50	27°46	24°42	25° 2	4°23	18°46	T 15
W16	8 20 13	6° 1'02	2♑32	19°18	2°40	13°44	12°21	7°11	29°20	4°49	27°47	24°33	24°59	4°30	18°49	W16
T 17	8 24 10	7° 1'57	14°53	20°49	3°55	14°25	12°16	7°18	29°24	4°47	27°48	24°20	24°56	4°37	18°52	T 17
F 18	8 28 6	8° 2'51	27° 5	22°20	5° 9	15° 6	12°11	7°24	29°27	4°46	27°49	24° 6	24°52	4°43	18°55	F 18
S 19	8 32 3	9° 3'43	9♒10	23°53	6°23	15°46	12° 5	7°31	29°31	4°45	27°50	23°52	24°49	4°50	18°58	S 19
S 20	8 35 59	10° 4'35	21° 8	25°26	7°37	16°27	12° 0	7°37	29°34	4°43	27°51	23°38	24°46	4°57	19° 1	S 20
M21	8 39 56	11° 5'25	3♓ 1	27° 0	8°52	17° 8	11°54	7°43	29°38	4°42	27°52	23°26	24°43	5° 4	19° 4	M21
T 22	8 43 52	12° 6'14	14°50	28°35	10° 6	17°49	11°48	7°50	29°41	4°41	27°53	23°17	24°40	5°10	19° 7	T 22
W23	8 47 49	13° 7'01	26°38	0♒10	11°20	18°29	11°42	7°56	29°44	4°39	27°54	23°11	24°37	5°17	19°10	W23
T 24	8 51 45	14° 7'47	8♈27	1°47	12°34	19°10	11°36	8° 2	29°48	4°38	27°55	23° 8	24°33	5°24	19°13	T 24
F 25	8 55 42	15° 8'31	20°23	3°24	13°48	19°51	11°30	8° 8	29°51	4°37	27°56	23°D 7	24°30	5°30	19°17	F 25
S 26	8 59 39	16° 9'14	2♉30	5° 2	15° 2	20°32	11°23	8°14	29°55	4°36	27°58	23° 7	24°27	5°37	19°20	S 26
S 27	9 3 35	17° 9'55	14°53	6°41	16°16	21°12	11°17	8°20	29°58	4°35	27°59	23°R 7	24°24	5°44	19°23	S 27
M28	9 7 32	18°10'34	27°36	8°20	17°30	21°53	11°10	8°26	0♒ 2	4°34	28° 0	23° 7	24°21	5°50	19°26	M28
T 29	9 11 28	19°11'12	10♊46	10° 1	18°43	22°34	11° 3	8°32	0° 5	4°32	28° 1	23° 5	24°18	5°57	19°30	T 29
W30	9 15 25	20°11'48	24°25	11°42	19°57	23°14	10°56	8°38	0° 8	4°31	28° 2	23° 0	24°14	6° 4	19°33	W30
T 31	9 19 21	21♒12'23	8♋34	13♒24	21♓11	23♈55	10♍49	8♉44	0♒12	4♋30	28♓ 3	22♈53	24♈11	6♓10	19♓37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s53	23n40	3n 0	22s49	0n40	18s12	1s37	1n19	0s 6	7n46	1n17	22s45	0n38	21s 3	0s32	22n25	0s58	15s59	16s25	10n 7	9n59	14s19	1s 6	3n54
W 2	21 44	26 39	3 52	22 58	0 32	17 50	1 37	1 36	0 5	7 47	1 18	22 45	0 38	21 2	0 32	22 25	0 58	15 59	16 25	10 4	9 58	14 16	1 5	3 54
T 3	21 34	28 1	4 32	23 6	0 23	17 28	1 37	1 53	0 4	7 49	1 18	22 45	0 38	21 1	0 32	22 25	0 58	15 58	16 24	10 1	9 57	14 13	1 5	3 54
F 4	21 23	27 30	4 55	23 14	0 15	17 5	1 37	2 10	0 3	7 50	1 18	22 44	0 38	21 1	0 32	22 25	0 58	15 58	16 24	9 57	9 56	14 10	1 4	3 54
S 5	21 13	25 1	4 59	23 21	0 6	16 42	1 37	2 28	0 2	7 51	1 19	22 44	0 38	21 0	0 32	22 26	0 58	15 57	16 24	9 52	9 54	14 7	1 3	3 53
S 6	21 2	20 47	4 42	23 26	0s 2	16 18	1 37	2 45	0 1	7 53	1 19	22 44	0 37	20 59	0 32	22 26	0 58	15 56	16 23	9 48	9 53	14 4	1 2	3 53
M 7	20 50	15 13	4 6	23 31	0 10	15 53	1 36	3 2	0n 0	7 54	1 19	22 44	0 37	20 58	0 32	22 26	0 58	15 56	16 23	9 45	9 52	14 1	1 2	3 53
T 8	20 38	8 49	3 13	23 34	0 17	15 29	1 36	3 19	0 1	7 56	1 19	22 43	0 37	20 58	0 32	22 26	0 58	15 55	16 23	9 42	9 51	13 59	1 1	3 53
W 9	20 26	2 4	2 9	23 36	0 25	15 3	1 35	3 36	0 2	7 58	1 20	22 43	0 37	20 57	0 32	22 26	0 58	15 55	16 23	9 41	9 50	13 56	1 0	3 52
T 10	20 13	4s38	0 58	23 37	0 32	14 38	1 35	3 53	0 3	8 0	1 20	22 43	0 37	20 56	0 32	22 26	0 58	15 54	16 22	9 40	9 49	13 53	0 59	3 52
F 11	20 0	10 57	0s15	23 37	0 39	14 12	1 34	4 10	0 4	8 1	1 20	22 43	0 37	20 56	0 32	22 26	0 58	15 53	16 22	9 40	9 47	13 50	0 58	3 52
S 12	19 46	16 36	1 25	23 35	0 46	13 46	1 34	4 27	0 5	8 3	1 20	22 42	0 37	20 55	0 32	22 26	0 58	15 53	16 22	9 40	9 46	13 47	0 57	3 52
S 13	19 32	21 20	2 29	23 33	0 53	13 19	1 33	4 44	0 6	8 5	1 21	22 42	0 37	20 54	0 32	22 26	0 58	15 52	16 21	9 39	9 45	13 44	0 56	3 52
M14	19 18	24 57	3 24	23 29	0 59	12 52	1 32	5 1	0 7	8 7	1 21	22 42	0 37	20 53	0 32	22 26	0 58	15 51	16 21	9 38	9 44	13 41	0 56	3 51
T 15	19 4	27 14	4 8	23 24	1 5	12 24	1 31	5 18	0 8	8 9	1 21	22 41	0 37	20 53	0 32	22 26	0 58	15 51	16 21	9 36	9 43	13 38	0 55	3 51
W16	18 49	28 7	4 39	23 17	1 11	11 57	1 30	5 35	0 9	8 12	1 21	22 41	0 37	20 52	0 32	22 26	0 58	15 50	16 20	9 32	9 42	13 35	0 54	3 51
T 17	18 34	27 34	4 56	23 9	1 17	11 29	1 29	5 51	0 10	8 14	1 22	22 41	0 37	20 51	0 32	22 27	0 58	15 49	16 20	9 27	9 40	13 32	0 53	3 51
F 18	18 18	25 41	5 0	23 0	1 22	11 0	1 28	6 8	0 11	8 16	1 22	22 40	0 37	20 50	0 32	22 27	0 58	15 49	16 20	9 22	9 39	13 29	0 52	3 51
S 19	18 2	22 39	4 50	22 49	1 28	10 32	1 27	6 25	0 12	8 18	1 22	22 40	0 37	20 50	0 32	22 27	0 58	15 48	16 20	9 17	9 38	13 26	0 51	3 50
S 20	17 46	18 42	4 27	22 37	1 32	10 3	1 25	6 41	0 13	8 21	1 22	22 40	0 37	20 49	0 32	22 27	0 58	15 47	16 19	9 12	9 37	13 23	0 50	3 50
M21	17 29	14 2	3 53	22 24	1 37	9 34	1 24	6 58	0 14	8 23	1 22	22 40	0 37	20 48	0 32	22 27	0 58	15 47	16 19	9 8	9 36	13 20	0 49	3 50
T 22	17 12	8 53	3 8	22 9	1 41	9 4	1 22	7 14	0 15	8 26	1 23	22 39	0 37	20 48	0 32	22 27	0 58	15 46	16 19	9 4	9 35	13 17	0 48	3 50
W23	16 55	3 25	2 16	21 52	1 45	8 35	1 21	7 31	0 16	8 28	1 23	22 39	0 37	20 47	0 32	22 27	0 58	15 46	16 19	9 2	9 33	13 14	0 47	3 50
T 24	16 38	2n11	1 17	21 35	1 49	8 5	1 19	7 47	0 17	8 31	1 23	22 39	0 37	20 46	0 32	22 27	0 58	15 45	16 18	9 1	9 32	13 11	0 45	3 49
F 25	16 20	7 46	0 14	21 16	1 52	7 35	1 18	8 3	0 18	8 33	1 23	22 38	0 37	20 45	0 32	22 27	0 58	15 44	16 18	9 0	9 31	13 8	0 44	3 49
S 26	16 2	13 9	0n50	20 55	1 55	7 5	1 16	8 19	0 18	8 36	1 23	22 38	0 37	20 45	0 32	22 27	0 58	15 43	16 18	9 0	9 30	13 5	0 43	3 49
S 27	15 44	18 9	1 53	20 33	1 58	6 34	1 14	8 35	0 19	8 38	1 24	22 38	0 37	20 44	0 32	22 27	0 58	15 43	16 18	9 0	9 29	13 2	0 42	3 49
M28	15 25	22 29	2 53	20 9	2 0	6 4	1 12	8 51	0 20	8 41	1 24	22 37	0 37	20 43	0 32	22 27	0 58	15 42	16 18	9 0	9 28	12 59	0 41	3 49
T 29	15 6	25 50	3 46	19 44	2 2	5 33	1 10	9 7	0 21	8 44	1 24	22 37	0 37	20 43	0 32	22 27	0 58	15 41	16 17	8 59	9 26	12 55	0 40	3 49
W30	14 47	27 50	4 27	19 18	2 3	5 2	1 8	9 23	0 22	8 47	1 24	22 36	0 36	20 42	0 32	22 27	0 58	15 41	16 17	8 58	9 25	12 52	0 39	3 48
T 31	14s28	28n 7	4n55	18s50	2s 5	4s31	1s 6	9n39	0n23	8n49	1n24	22s36	0n36	20s41	0s32	22n28	0s58	15s40	16s17	8n55	9n24	12s49	0s38	3n48

Julian Day Number = 2297057.5, Delta T = 125.38 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'15, Lahiri = 17°57'15 Julian Calendar 1 Jan. 1577 == Greg. Calendar 11 Jan. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

FEBRUARY 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 23 18	22♒12'55	23♋12	15♒ 7	22♓24	24♈36	10°R42	8♑50	0♒15	4°R29	28♓ 5	22°R45	24♈ 8	6♓17	19♓40	F 1
S 2	9 27 14	23°13'26	8♌12	16°51	23°38	25°16	10♍35	8°55	0°18	4♋28	28° 6	22♈35	24° 5	6°24	19°43	S 2
S 3	9 31 11	24°13'55	23°27	18°36	24°52	25°57	10°28	9° 1	0°22	4°27	28° 7	22°26	24° 2	6°31	19°47	S 3
M 4	9 35 8	25°14'22	8♍45	20°22	26° 5	26°38	10°21	9° 7	0°25	4°26	28° 9	22°18	23°58	6°37	19°50	M 4
T 5	9 39 4	26°14'48	23°55	22° 9	27°19	27°18	10°13	9°12	0°28	4°25	28°10	22°13	23°55	6°44	19°54	T 5
W 6	9 43 1	27°15'13	8♎49	23°56	28°32	27°59	10° 6	9°18	0°31	4°24	28°11	22°10	23°52	6°51	19°57	W 6
T 7	9 46 57	28°15'36	23°19	25°45	29°45	28°39	9°58	9°23	0°35	4°24	28°12	22°D 9	23°49	6°57	20° 1	T 7
F 8	9 50 54	29°15'57	7♏22	27°35	0♈58	29°20	9°51	9°29	0°38	4°23	28°14	22°10	23°46	7° 4	20° 4	F 8
S 9	9 54 50	0♓16'17	20°59	29°25	2°12	0♉ 0	9°43	9°34	0°41	4°22	28°15	22°11	23°43	7°11	20° 8	S 9
S 10	9 58 47	1°16'36	4♐12	1♓17	3°25	0°41	9°36	9°39	0°44	4°21	28°16	22°R11	23°39	7°17	20°11	S 10
M11	10 2 43	2°16'53	17° 4	3° 9	4°38	1°21	9°28	9°44	0°47	4°20	28°18	22°10	23°36	7°24	20°15	M11
T 12	10 6 40	3°17'09	29°39	5° 2	5°51	2° 2	9°20	9°50	0°50	4°20	28°19	22° 7	23°33	7°31	20°19	T 12
W13	10 10 37	4°17'24	11♑59	6°56	7° 4	2°42	9°12	9°55	0°54	4°19	28°21	22° 1	23°30	7°37	20°22	W13
T 14	10 14 33	5°17'36	24° 8	8°50	8°17	3°22	9° 5	10° 0	0°57	4°18	28°22	21°54	23°27	7°44	20°26	T 14
F 15	10 18 30	6°17'47	6♒10	10°45	9°30	4° 3	8°57	10° 5	1° 0	4°18	28°23	21°45	23°24	7°51	20°30	F 15
S 16	10 22 26	7°17'57	18° 6	12°41	10°42	4°43	8°49	10° 9	1° 3	4°17	28°25	21°36	23°20	7°57	20°33	S 16
S 17	10 26 23	8°18'04	29°58	14°37	11°55	5°23	8°41	10°14	1° 6	4°16	28°26	21°28	23°17	8° 4	20°37	S 17
M18	10 30 19	9°18'10	11♓47	16°33	13° 8	6° 4	8°33	10°19	1° 9	4°16	28°28	21°20	23°14	8°11	20°41	M18
T 19	10 34 16	10°18'13	23°37	18°30	14°20	6°44	8°25	10°24	1°12	4°15	28°29	21°15	23°11	8°17	20°44	T 19
W20	10 38 12	11°18'15	5♈27	20°26	15°33	7°24	8°18	10°28	1°14	4°15	28°30	21°11	23° 8	8°24	20°48	W20
T 21	10 42 9	12°18'15	17°22	22°21	16°45	8° 5	8°10	10°33	1°17	4°15	28°32	21°D10	23° 4	8°31	20°52	T 21
F 22	10 46 6	13°18'12	29°23	24°16	17°58	8°45	8° 2	10°37	1°20	4°14	28°33	21°10	23° 1	8°38	20°55	F 22
S 23	10 50 2	14°18'08	11♉33	26° 9	19°10	9°25	7°54	10°41	1°23	4°14	28°35	21°11	22°58	8°44	20°59	S 23
S 24	10 53 59	15°18'01	23°58	28° 1	20°22	10° 5	7°46	10°46	1°26	4°13	28°36	21°13	22°55	8°51	21° 3	S 24
M25	10 57 55	16°17'52	6♊41	29°52	21°34	10°46	7°39	10°50	1°29	4°13	28°38	21°14	22°52	8°58	21° 7	M25
T 26	11 1 52	17°17'41	19°46	1♈39	22°46	11°26	7°31	10°54	1°31	4°13	28°39	21°R15	22°49	9° 4	21°10	T 26
W27	11 5 48	18°17'28	3♋16	3°24	23°58	12° 6	7°23	10°58	1°34	4°13	28°41	21°14	22°45	9°11	21°14	W27
T 28	11 9 45	19♓17'12	17♋13	5♈ 6	25♈10	12♉46	7♍16	11♑ 2	1♒37	4♋12	28♓42	21♈11	22♈42	9♓18	21♓18	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s 8	26n29	5n 4	18s20	2s 5	4s 0	1s 4	9n55	0n23	8n52	1n24	22s36	0n36	20s40	0s33	22n28	0s58	15s39	16s17	8n52	9n23	12s46	0s36	3n48	F 1
S 2	13 49	22 58	4 53	17 49	2 6	3 29	1 2	10 11	0 24	8 55	1 25	22 35	0 36	20 40	0 33	22 28	0 58	15 39	16 16	8 49	9 22	12 43	0 35	3 48	S 2
S 3	13 29	17 50	4 21	17 16	2 6	2 58	1 0	10 26	0 25	8 58	1 25	22 35	0 36	20 39	0 33	22 28	0 58	15 38	16 16	8 45	9 21	12 40	0 34	3 48	S 3
M 4	13 8	11 33	3 31	16 42	2 5	2 26	0 58	10 42	0 26	9 1	1 25	22 35	0 36	20 38	0 33	22 28	0 58	15 37	16 16	8 42	9 19	12 37	0 33	3 48	M 4
T 5	12 48	4 38	2 25	16 7	2 4	1 55	0 55	10 57	0 27	9 4	1 25	22 34	0 36	20 38	0 33	22 28	0 57	15 37	16 16	8 40	9 18	12 34	0 32	3 47	T 5
W 6	12 27	2s25	1 11	15 30	2 2	1 23	0 53	11 12	0 27	9 7	1 25	22 34	0 36	20 37	0 33	22 28	0 57	15 36	16 16	8 39	9 17	12 31	0 30	3 47	W 6
T 7	12 6	9 10	0s 6	14 51	2 1	0 52	0 50	11 27	0 28	9 10	1 25	22 34	0 36	20 36	0 33	22 28	0 57	15 35	16 16	8 39	9 16	12 28	0 29	3 47	T 7
F 8	11 45	15 17	1 21	14 11	1 58	0 20	0 48	11 43	0 29	9 13	1 25	22 33	0 36	20 36	0 33	22 28	0 57	15 35	16 15	8 39	9 15	12 25	0 28	3 47	F 8
S 9	11 24	20 26	2 29	13 30	1 55	0n11	0 45	11 58	0 29	9 16	1 26	22 33	0 36	20 35	0 33	22 28	0 57	15 34	16 15	8 39	9 14	12 22	0 26	3 47	S 9
S 10	11 3	24 25	3 26	12 47	1 52	0 43	0 42	12 12	0 30	9 19	1 26	22 33	0 36	20 34	0 33	22 28	0 57	15 33	16 15	8 40	9 12	12 19	0 25	3 47	S 10
M11	10 41	27 3	4 12	12 3	1 48	1 14	0 40	12 27	0 31	9 22	1 26	22 32	0 36	20 34	0 33	22 28	0 57	15 33	16 15	8 39	9 11	12 16	0 24	3 47	M11
T 12	10 20	28 14	4 44	11 17	1 43	1 46	0 37	12 42	0 32	9 25	1 26	22 32	0 36	20 33	0 33	22 28	0 57	15 32	16 15	8 38	9 10	12 13	0 23	3 46	T 12
W13	9 58	27 59	5 3	10 30	1 38	2 17	0 34	12 57	0 32	9 28	1 26	22 32	0 36	20 32	0 33	22 28	0 57	15 31	16 15	8 36	9 9	12 10	0 21	3 46	W13
T 14	9 36	26 22	5 7	9 42	1 32	2 49	0 31	13 11	0 33	9 31	1 26	22 31	0 36	20 32	0 33	22 28	0 57	15 31	16 15	8 33	9 8	12 6	0 20	3 46	T 14
F 15	9 13	23 35	4 58	8 52	1 26	3 20	0 28	13 25	0 34	9 34	1 26	22 31	0 36	20 31	0 33	22 29	0 57	15 30	16 14	8 30	9 6	12 3	0 19	3 46	F 15
S 16	8 51	19 48	4 36	8 2	1 19	3 52	0 25	13 40	0 34	9 37	1 26	22 31	0 36	20 30	0 33	22 29	0 57	15 29	16 14	8 26	9 5	12 0	0 17	3 46	S 16
S 17	8 29	15 16	4 1	7 10	1 11	4 23	0 22	13 54	0 35	9 40	1 26	22 30	0 36	20 30	0 33	22 29	0 57	15 29	16 14	8 23	9 4	11 57	0 16	3 46	S 17
M18	8 6	10 11	3 17	6 17	1 3	4 54	0 19	14 8	0 36	9 43	1 26	22 30	0 36	20 29	0 33	22 29	0 57	15 28	16 14	8 20	9 3	11 54	0 15	3 46	M18
T 19	7 43	4 45	2 24	5 24	0 54	5 25	0 16	14 22	0 36	9 46	1 26	22 30	0 36	20 29	0 33	22 29	0 57	15 27	16 14	8 18	9 2	11 51	0 13	3 46	T 19
W20	7 21	0n53	1 24	4 29	0 45	5 56	0 13	14 36	0 37	9 49	1 27	22 29	0 36	20 28	0 33	22 29	0 57	15 27	16 14	8 17	9 1	11 48	0 12	3 46	W20
T 21	6 58	6 31	0 21	3 35	0 35	6 27	0 10	14 49	0 37	9 52	1 27	22 29	0 36	20 27	0 33	22 29	0 57	15 26	16 14	8 17	8 59	11 45	0 11	3 46	T 21
F 22	6 35	11 58	0n45	2 40	0 25	6 58	0 7	15 3	0 38	9 55	1 27	22 29	0 36	20 27	0 33	22 29	0 57	15 25	16 14	8 17	8 58	11 42	0 9	3 45	F 22
S 23	6 12	17 4	1 49	1 44	0 14	7 28	0 3	15 17	0 39	9 58	1 27	22 28	0 36	20 26	0 33	22 29	0 57	15 25	16 14	8 17	8 57	11 39	0 8	3 45	S 23
S 24	5 48	21 33	2 49	0 49	0 2	7 58	0 0	15 30	0 39	10 1	1 27	22 28	0 36	20 26	0 33	22 29	0 57	15 24	16 13	8 18	8 56	11 35	0 6	3 45	S 24
M25	5 25	25 8	3 43	0n 6	0n10	8 29	0n 3	15 43	0 40	10 4	1 27	22 28	0 36	20 25	0 33	22 29	0 57	15 23	16 13	8 18	8 55	11 32	0 5	3 45	M25
T 26	5 2	27 32	4 27	1 0	0 22	8 59	0 7	15 56	0 40	10 7	1 27	22 27	0 36	20 24	0 33	22 29	0 57	15 23	16 13	8 18	8 53	11 29	0 4	3 45	T 26
W27	4 38	28 25	4 58	1 53	0 35	9 28	0 10	16 9	0 41	10 9	1 27	22 27	0 36	20 24	0 33	22 29	0 57	15 22	16 13	8 18	8 52	11 26	0 2	3 45	W27
T 28	4s15	27n32	5n12	2n45	0n47	9n58	0n13	16n22	0n42	10n12	1n27	22s27	0n36	20s23	0s33	22n29	0s57	15s22	16s13	8n17	8n51	11s23	0s 1	3n45	T 28

Julian Day Number = 2297088.5, Delta T = 125.23 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'19, Lahiri = 17°57'20 Julian Calendar 1 Feb. 1577 == Greg. Calendar 11 Feb. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

MARCH 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 13 41	20♓16'54	1♌38	6♈44	26♈22	13♉26	7°R 8	11♑ 6	1♒39	4°R12	28♓43	21°R 8	22♈39	9♓24	21♓22	F 1
S 2	11 17 38	21°16'34	16°26	8°17	27°33	14° 6	7♍ 1	11°10	1°42	4♋12	28°45	21♈ 4	22°36	9°31	21°25	S 2
S 3	11 21 35	22°16'12	1♍31	9°46	28°45	14°46	6°54	11°14	1°44	4°12	28°46	20°59	22°33	9°38	21°29	S 3
M 4	11 25 31	23°15'47	16°46	11°10	29°56	15°26	6°46	11°17	1°47	4°12	28°48	20°56	22°29	9°44	21°33	M 4
T 5	11 29 28	24°15'20	1♎58	12°28	1♉ 8	16° 6	6°39	11°21	1°49	4°12	28°49	20°53	22°26	9°51	21°36	T 5
W 6	11 33 24	25°14'51	17° 0	13°40	2°19	16°46	6°32	11°24	1°52	4°D12	28°51	20°D52	22°23	9°58	21°40	W 6
T 7	11 37 21	26°14'21	1♏41	14°45	3°30	17°26	6°25	11°28	1°54	4°12	28°52	20°53	22°20	10° 4	21°44	T 7
F 8	11 41 17	27°13'48	15°58	15°44	4°41	18° 6	6°18	11°31	1°57	4°12	28°54	20°54	22°17	10°11	21°48	F 8
S 9	11 45 14	28°13'14	29°47	16°36	5°52	18°46	6°11	11°34	1°59	4°12	28°55	20°55	22°14	10°18	21°51	S 9
S 10	11 49 10	29°12'38	13♐10	17°21	7° 3	19°26	6° 4	11°37	2° 1	4°12	28°57	20°57	22°10	10°24	21°55	S 10
M11	11 53 7	0♈12'00	26° 7	17°58	8°14	20° 6	5°58	11°40	2° 3	4°12	28°58	20°R57	22° 7	10°31	21°59	M11
T 12	11 57 4	1°11'21	8♑44	18°28	9°25	20°46	5°51	11°43	2° 6	4°13	29° 0	20°57	22° 4	10°38	22° 3	T 12
W13	12 1 0	2°10'39	21° 3	18°51	10°35	21°26	5°45	11°46	2° 8	4°13	29° 1	20°56	22° 1	10°44	22° 6	W13
T 14	12 4 57	3° 9'56	3♒ 8	19° 5	11°46	22° 5	5°39	11°49	2°10	4°13	29° 3	20°54	21°58	10°51	22°10	T 14
F 15	12 8 53	4° 9'11	15° 5	19°13	12°56	22°45	5°32	11°52	2°12	4°13	29° 4	20°52	21°55	10°58	22°14	F 15
S 16	12 12 50	5° 8'24	26°56	19°R13	14° 6	23°25	5°26	11°54	2°14	4°14	29° 6	20°49	21°51	11° 5	22°17	S 16
S 17	12 16 46	6° 7'35	8♓45	19° 6	15°17	24° 5	5°20	11°57	2°16	4°14	29° 7	20°47	21°48	11°11	22°21	S 17
M18	12 20 43	7° 6'44	20°34	18°53	16°27	24°44	5°15	11°59	2°18	4°15	29° 9	20°45	21°45	11°18	22°25	M18
T 19	12 24 39	8° 5'51	2♈26	18°33	17°36	25°24	5° 9	12° 2	2°20	4°15	29°10	20°44	21°42	11°25	22°28	T 19
W20	12 28 36	9° 4'56	14°23	18° 7	18°46	26° 4	5° 3	12° 4	2°22	4°16	29°12	20°43	21°39	11°31	22°32	W20
T 21	12 32 33	10° 3'59	26°27	17°36	19°56	26°43	4°58	12° 6	2°24	4°16	29°13	20°D43	21°35	11°38	22°35	T 21
F 22	12 36 29	11° 3'00	8♉39	17° 1	21° 5	27°23	4°53	12° 8	2°25	4°17	29°15	20°43	21°32	11°45	22°39	F 22
S 23	12 40 26	12° 1'59	21° 2	16°22	22°15	28° 3	4°48	12°10	2°27	4°17	29°16	20°44	21°29	11°51	22°43	S 23
S 24	12 44 22	13° 0'55	3♊38	15°40	23°24	28°42	4°43	12°12	2°29	4°18	29°18	20°45	21°26	11°58	22°46	S 24
M25	12 48 19	13°59'50	16°29	14°55	24°33	29°22	4°38	12°14	2°31	4°18	29°19	20°46	21°23	12° 5	22°50	M25
T 26	12 52 15	14°58'42	29°38	14°10	25°42	0♊ 1	4°34	12°15	2°32	4°19	29°20	20°46	21°20	12°11	22°53	T 26
W27	12 56 12	15°57'32	13♋ 6	13°24	26°51	0°41	4°29	12°17	2°34	4°20	29°22	20°R46	21°16	12°18	22°57	W27
T 28	13 0 8	16°56'19	26°55	12°39	28° 0	1°20	4°25	12°18	2°35	4°20	29°23	20°46	21°13	12°25	23° 0	T 28
F 29	13 4 5	17°55'05	11♌ 5	11°55	29° 9	2° 0	4°21	12°20	2°37	4°21	29°25	20°46	21°10	12°31	23° 4	F 29
S 30	13 8 2	18°53'47	25°34	11°13	0♊17	2°39	4°17	12°21	2°38	4°22	29°26	20°46	21° 7	12°38	23° 7	S 30
S 31	13 11 58	19♈52'28	10♍19	10♈34	1♊25	3♊19	4♍13	12♑22	2♒39	4♋23	29♓28	20♈46	21♈ 4	12♓45	23♓11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s52	24n50	5n 7	3n36	1n 0	10n27	0n17	16n35	0n42	10n15	1n27	22s26	0n36	20s23	0s33	22n29	0s57	15s21	16s13	8n16	8n50	11s20	0n 1	3n45
S 2	3 28	20 26	4 43	4 25	1 13	10 57	0 20	16 47	0 43	10 18	1 27	22 26	0 36	20 22	0 33	22 29	0 56	15 20	16 13	8 14	8 49	11 17	0 2	3 45
S 3	3 4	14 40	3 58	5 12	1 26	11 25	0 24	17 0	0 43	10 21	1 27	22 26	0 36	20 22	0 33	22 29	0 56	15 20	16 13	8 13	8 48	11 13	0 3	3 45
M 4	2 41	7 57	2 56	5 56	1 39	11 54	0 27	17 12	0 44	10 23	1 27	22 25	0 36	20 21	0 33	22 29	0 56	15 19	16 13	8 11	8 46	11 10	0 5	3 45
T 5	2 17	0 46	1 42	6 39	1 51	12 22	0 31	17 24	0 44	10 26	1 27	22 25	0 36	20 20	0 33	22 29	0 56	15 18	16 13	8 10	8 45	11 7	0 6	3 45
W 6	1 54	6s22	0 21	7 18	2 3	12 50	0 34	17 36	0 45	10 29	1 27	22 25	0 36	20 20	0 33	22 30	0 56	15 18	16 13	8 10	8 44	11 4	0 8	3 45
T 7	1 30	13 1	0s59	7 54	2 15	13 18	0 38	17 48	0 45	10 31	1 27	22 25	0 36	20 19	0 33	22 30	0 56	15 17	16 13	8 10	8 43	11 1	0 9	3 45
F 8	1 6	18 47	2 14	8 27	2 26	13 46	0 41	18 0	0 46	10 34	1 26	22 24	0 36	20 19	0 33	22 30	0 56	15 17	16 13	8 11	8 42	10 58	0 11	3 44
S 9	0 43	23 23	3 18	8 57	2 36	14 13	0 45	18 11	0 46	10 36	1 26	22 24	0 36	20 18	0 33	22 30	0 56	15 16	16 13	8 11	8 40	10 55	0 12	3 44
S 10	0 19	26 33	4 9	9 23	2 46	14 40	0 48	18 23	0 47	10 39	1 26	22 24	0 36	20 18	0 33	22 30	0 56	15 15	16 13	8 12	8 39	10 51	0 13	3 44
M11	0n 5	28 13	4 46	9 45	2 55	15 6	0 52	18 34	0 47	10 41	1 26	22 24	0 36	20 17	0 33	22 30	0 56	15 15	16 13	8 12	8 38	10 48	0 15	3 44
T 12	0 28	28 20	5 8	10 4	3 2	15 32	0 55	18 45	0 48	10 43	1 26	22 23	0 35	20 17	0 33	22 30	0 56	15 14	16 13	8 12	8 37	10 45	0 16	3 44
W13	0 52	27 2	5 15	10 18	3 9	15 58	0 59	18 56	0 48	10 46	1 26	22 23	0 35	20 17	0 33	22 30	0 56	15 14	16 13	8 11	8 36	10 42	0 18	3 44
T 14	1 16	24 30	5 8	10 29	3 14	16 23	1 2	19 7	0 49	10 48	1 26	22 23	0 35	20 16	0 33	22 30	0 56	15 13	16 13	8 11	8 35	10 39	0 19	3 44
F 15	1 39	20 56	4 48	10 35	3 18	16 48	1 6	19 18	0 49	10 50	1 26	22 23	0 35	20 16	0 34	22 30	0 56	15 13	16 13	8 10	8 33	10 36	0 21	3 44
S 16	2 3	16 33	4 15	10 38	3 20	17 13	1 9	19 28	0 50	10 52	1 26	22 22	0 35	20 15	0 34	22 30	0 56	15 12	16 13	8 9	8 32	10 32	0 22	3 44
S 17	2 26	11 35	3 32	10 36	3 21	17 37	1 13	19 39	0 50	10 54	1 26	22 22	0 35	20 15	0 34	22 30	0 56	15 11	16 13	8 8	8 31	10 29	0 23	3 44
M18	2 50	6 11	2 39	10 30	3 21	18 1	1 17	19 49	0 50	10 56	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 11	16 13	8 7	8 30	10 26	0 25	3 44
T 19	3 13	0 33	1 40	10 20	3 18	18 24	1 20	19 59	0 51	10 58	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 10	16 13	8 7	8 29	10 23	0 26	3 44
W20	3 36	5n 9	0 35	10 7	3 15	18 47	1 23	20 9	0 51	11 0	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 10	16 13	8 6	8 27	10 20	0 28	3 44
T 21	4 0	10 43	0n32	9 50	3 9	19 10	1 27	20 19	0 52	11 2	1 25	22 21	0 35	20 13	0 34	22 30	0 56	15 9	16 13	8 6	8 26	10 17	0 29	3 44
F 22	4 23	15 58	1 38	9 30	3 2	19 32	1 30	20 28	0 52	11 4	1 25	22 21	0 35	20 13	0 34	22 30	0 56	15 9	16 14	8 7	8 25	10 13	0 30	3 44
S 23	4 46	20 38	2 40	9 7	2 53	19 53	1 34	20 38	0 53	11 6	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 8	16 14	8 7	8 24	10 10	0 32	3 44
S 24	5 9	24 28	3 36	8 41	2 43	20 14	1 37	20 47	0 53	11 7	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 8	16 14	8 7	8 23	10 7	0 33	3 44
M25	5 32	27 10	4 22	8 13	2 32	20 35	1 40	20 56	0 53	11 9	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 7	16 14	8 8	8 21	10 4	0 35	3 44
T 26	5 55	28 26	4 56	7 44	2 19	20 55	1 44	21 5	0 54	11 11	1 25	22 21	0 35	20 11	0 34	22 30	0 55	15 7	16 14	8 8	8 20	10 1	0 36	3 44
W27	6 18	28 4	5 15	7 13	2 5	21 14	1 47	21 13	0 54	11 12	1 25	22 21	0 35	20 11	0 34	22 30	0 55	15 6	16 14	8 8	8 19	9 57	0 38	3 44
T 28	6 40	25 59	5 16	6 42	1 50	21 33	1 50	21 22	0 54	11 14	1 25	22 20	0 35	20 11	0 34	22 30	0 55	15 6	16 14	8 8	8 18	9 54	0 39	3 44
F 29	7 3	22 15	4 58	6 10	1 35	21 52	1 54	21 30	0 55	11 15	1 24	22 20	0 35	20 10	0 34	22 30	0 55	15 5	16 14	8 8	8 17	9 51	0 40	3 44
S 30	7 25	17 7	4 21	5 39	1 19	22 10	1 57	21 39	0 55	11 16	1 24	22 20	0 35	20 10	0 34	22 30	0 55	15 5	16 14	8 8	8 15	9 48	0 42	3 44
S 31	7n47	10n54	3n26	5n 9	1n 2	22n27	2n 0	21n47	0n56	11n17	1n24	22s20	0n35	20s10	0s34	22n30	0s55	15s 5	16s14	8n 8	8n14	9s44	0n43	3n44

Julian Day Number = 2297116.5, Delta T = 125.09 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'23, Lahiri = 17°57'23 Julian Calendar 1 March 1577 == Greg. Calendar 11 March 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

APRIL 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 15 55	20♈51'06	25♍13	9°R59	2♊33	3♊58	4°R10	12♑23	2♒41	4♋24	29♓29	20°D46	21♈ 1	12♓51	23♓14	M 1
T 2	13 19 51	21°49'42	10♎10	9♈27	3°41	4°38	4♍ 6	12°24	2°42	4°25	29°30	20♈46	20°57	12°58	23°17	T 2
W 3	13 23 48	22°48'16	25° 2	8°59	4°49	5°17	4° 3	12°25	2°43	4°26	29°32	20°R46	20°54	13° 5	23°21	W 3
T 4	13 27 44	23°46'49	9♏40	8°36	5°57	5°56	4° 0	12°26	2°45	4°27	29°33	20°46	20°51	13°11	23°24	T 4
F 5	13 31 41	24°45'19	23°59	8°18	7° 4	6°36	3°57	12°27	2°46	4°28	29°35	20°45	20°48	13°18	23°27	F 5
S 6	13 35 37	25°43'48	7♐54	8° 5	8°11	7°15	3°54	12°27	2°47	4°29	29°36	20°45	20°45	13°25	23°31	S 6
S 7	13 39 34	26°42'15	21°24	7°57	9°18	7°54	3°52	12°28	2°48	4°30	29°37	20°44	20°41	13°31	23°34	S 7
M 8	13 43 30	27°40'41	4♑28	7°D54	10°25	8°33	3°49	12°28	2°49	4°31	29°39	20°44	20°38	13°38	23°37	M 8
T 9	13 47 27	28°39'04	17°10	7°55	11°32	9°13	3°47	12°29	2°50	4°32	29°40	20°43	20°35	13°45	23°40	T 9
W10	13 51 24	29°37'27	29°32	8° 2	12°38	9°52	3°45	12°29	2°51	4°33	29°41	20°D43	20°32	13°51	23°44	W10
T 11	13 55 20	0♉35'47	11♒39	8°14	13°45	10°31	3°43	12°29	2°52	4°34	29°43	20°43	20°29	13°58	23°47	T 11
F 12	13 59 17	1°34'06	23°35	8°30	14°51	11°10	3°42	12°R29	2°52	4°35	29°44	20°44	20°26	14° 5	23°50	F 12
S 13	14 3 13	2°32'24	5♓26	8°51	15°57	11°49	3°40	12°29	2°53	4°36	29°45	20°45	20°22	14°11	23°53	S 13
S 14	14 7 10	3°30'39	17°14	9°17	17° 2	12°28	3°39	12°29	2°54	4°38	29°46	20°46	20°19	14°18	23°56	S 14
M15	14 11 6	4°28'53	29° 5	9°46	18° 8	13° 7	3°38	12°28	2°54	4°39	29°48	20°47	20°16	14°25	23°59	M15
T 16	14 15 3	5°27'06	11♈ 2	10°20	19°13	13°47	3°37	12°28	2°55	4°40	29°49	20°48	20°13	14°31	24° 2	T 16
W17	14 18 59	6°25'17	23° 7	10°58	20°18	14°26	3°36	12°28	2°56	4°42	29°50	20°R48	20°10	14°38	24° 5	W17
T 18	14 22 56	7°23'26	5♉23	11°39	21°23	15° 5	3°36	12°27	2°56	4°43	29°51	20°48	20° 6	14°45	24° 8	T 18
F 19	14 26 53	8°21'34	17°51	12°24	22°28	15°44	3°36	12°26	2°57	4°44	29°53	20°46	20° 3	14°51	24°11	F 19
S 20	14 30 49	9°19'40	0♊33	13°13	23°32	16°23	3°D35	12°26	2°57	4°46	29°54	20°44	20° 0	14°58	24°14	S 20
S 21	14 34 46	10°17'44	13°28	14° 5	24°36	17° 2	3°35	12°25	2°57	4°47	29°55	20°41	19°57	15° 5	24°17	S 21
M22	14 38 42	11°15'46	26°37	15° 0	25°40	17°41	3°36	12°24	2°58	4°49	29°56	20°38	19°54	15°11	24°19	M22
T 23	14 42 39	12°13'47	10♋ 0	15°58	26°44	18°20	3°36	12°23	2°58	4°50	29°57	20°36	19°51	15°18	24°22	T 23
W24	14 46 35	13°11'46	23°37	17° 0	27°47	18°59	3°37	12°22	2°58	4°52	29°59	20°33	19°47	15°25	24°25	W24
T 25	14 50 32	14° 9'42	7♌27	18° 4	28°50	19°37	3°37	12°20	2°58	4°53	29°59	20°32	19°44	15°31	24°28	T 25
F 26	14 54 29	15° 7'37	21°30	19°11	29°53	20°16	3°38	12°19	2°58	4°55	0♈ 1	20°D32	19°41	15°38	24°30	F 26
S 27	14 58 25	16° 5'30	5♍44	20°21	0♋55	20°55	3°39	12°18	2°58	4°56	0° 2	20°33	19°38	15°45	24°33	S 27
S 28	15 2 22	17° 3'21	20° 8	21°33	1°57	21°34	3°41	12°16	2°R58	4°58	0° 3	20°35	19°35	15°51	24°36	S 28
M29	15 6 18	18° 1'11	4♎37	22°48	2°59	22°13	3°42	12°15	2°58	5° 0	0° 4	20°36	19°32	15°58	24°38	M29
T 30	15 10 15	18♉58'58	19♎ 9	24♈ 6	4♋ 0	22♊52	3♍44	12♑13	2♒58	5♋ 1	0♈ 5	20°R37	19♈28	16♓ 5	24♓41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n10	4n 0	2n17	4n39	0n46	22n44	2n 3	21n55	0n56	11n19	1n24	22s20	0n35	20s10	0s34	22n30	0s55	15s 4	16s15	8n 8	8n13	9s41	0n44	3n44
T 2	8 32	3s 8	0 59	4 12	0 29	23 0	2 6	22 2	0 56	11 20	1 24	22 20	0 35	20 9	0 34	22 30	0 55	15 4	16 15	8 8	8 12	9 38	0 46	3 44
W 3	8 53	10 5	0s24	3 46	0 12	23 16	2 9	22 10	0 57	11 21	1 24	22 20	0 35	20 9	0 34	22 30	0 55	15 3	16 15	8 8	8 11	9 35	0 47	3 44
T 4	9 15	16 22	1 43	3 22	0s 4	23 31	2 12	22 17	0 57	11 22	1 23	22 20	0 35	20 9	0 34	22 30	0 55	15 3	16 15	8 7	8 9	9 32	0 49	3 44
F 5	9 37	21 37	2 54	3 0	0 20	23 45	2 15	22 24	0 57	11 23	1 23	22 20	0 35	20 9	0 34	22 30	0 55	15 2	16 15	8 7	8 8	9 28	0 50	3 44
S 6	9 58	25 31	3 53	2 40	0 35	23 59	2 17	22 31	0 58	11 23	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 2	16 15	8 7	8 7	9 25	0 51	3 45
S 7	10 19	27 49	4 37	2 24	0 50	24 12	2 20	22 38	0 58	11 24	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 2	16 15	8 7	8 6	9 22	0 53	3 45
M 8	10 40	28 30	5 5	2 9	1 4	24 25	2 23	22 45	0 58	11 25	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 7	8 5	9 19	0 54	3 45
T 9	11 1	27 37	5 17	1 58	1 18	24 37	2 25	22 51	0 59	11 26	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 7	8 3	9 15	0 55	3 45
W10	11 22	25 24	5 13	1 49	1 30	24 49	2 28	22 57	0 59	11 26	1 22	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 6	8 2	9 12	0 57	3 45
T 11	11 42	22 4	4 56	1 42	1 42	24 59	2 30	23 3	0 59	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	15 0	16 16	8 7	8 1	9 9	0 58	3 45
F 12	12 3	17 53	4 27	1 39	1 53	25 10	2 33	23 9	0 59	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	15 0	16 16	8 7	8 0	9 6	0 59	3 45
S 13	12 23	13 2	3 46	1 37	2 4	25 19	2 35	23 15	1 0	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	14 59	16 17	8 7	7 59	9 2	1 0	3 45
S 14	12 43	7 45	2 55	1 39	2 13	25 28	2 37	23 20	1 0	11 28	1 22	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 58	8 59	1 2	3 45
M15	13 3	2 10	1 57	1 42	2 22	25 37	2 39	23 26	1 0	11 28	1 22	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 56	8 56	1 3	3 45
T 16	13 22	3n33	0 54	1 48	2 30	25 44	2 41	23 31	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 55	8 53	1 4	3 45
W17	13 42	9 12	0n13	1 56	2 37	25 51	2 43	23 36	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 17	8 8	7 54	8 49	1 5	3 45
T 18	14 1	14 36	1 20	2 7	2 44	25 58	2 45	23 40	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 18	8 8	7 53	8 46	1 7	3 45
F 19	14 20	19 30	2 24	2 19	2 49	26 4	2 47	23 45	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 18	8 8	7 51	8 43	1 8	3 45
S 20	14 38	23 36	3 22	2 34	2 54	26 9	2 49	23 49	1 2	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 57	16 18	8 7	7 50	8 40	1 9	3 45
S 21	14 57	26 37	4 11	2 50	2 58	26 13	2 50	23 53	1 2	11 28	1 20	22 20	0 35	20 6	0 35	22 30	0 54	14 57	16 18	8 6	7 49	8 36	1 10	3 46
M22	15 15	28 15	4 48	3 8	3 1	26 17	2 52	23 57	1 2	11 28	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 57	16 19	8 5	7 48	8 33	1 11	3 46
T 23	15 33	28 16	5 9	3 28	3 4	26 20	2 53	24 1	1 2	11 27	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 57	16 19	8 4	7 47	8 30	1 13	3 46
W24	15 50	26 35	5 14	3 50	3 6	26 23	2 54	24 5	1 3	11 27	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 19	8 3	7 45	8 27	1 14	3 46
T 25	16 8	23 18	5 1	4 13	3 7	26 25	2 55	24 8	1 3	11 26	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 19	8 2	7 44	8 23	1 15	3 46
F 26	16 25	18 38	4 30	4 38	3 8	26 26	2 56	24 11	1 3	11 26	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 20	8 2	7 43	8 20	1 16	3 46
S 27	16 42	12 52	3 42	5 4	3 7	26 27	2 57	24 14	1 3	11 25	1 19	22 21	0 34	20 6	0 35	22 30	0 54	14 56	16 20	8 3	7 42	8 17	1 17	3 46
S 28	16 58	6 22	2 40	5 32	3 7	26 27	2 58	24 17	1 4	11 25	1 19	22 21	0 34	20 6	0 35	22 30	0 54	14 56	16 20	8 3	7 41	8 14	1 18	3 46
M29	17 14	0s31	1 27	6 1	3 5	26 26	2 59	24 20	1 4	11 24	1 19	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 20	8 4	7 39	8 10	1 19	3 46
T 30	17n30	7s24	0n 8	6n32	3s 3	26n25	2n59	24n22	1n 4	11n23	1n19	22s22	0n34	20s 7	0s35	22n30	0s54	14s55	16s21	8n 4	7n38	8s 7	1n21	3n46

Julian Day Number = 2297147.5, Delta T = 124.93 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'27, Lahiri = 17°57'28 Julian Calendar 1 Apr. 1577 == Greg. Calendar 11 Apr. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

MAY 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 14 11	19♉56'44	3♏38	25♈25	5♋ 2	23♊30	3♍46	12°R11	2°R58	5♋ 3	0♈ 6	20°R36	19♈25	16♓11	24♓43	W 1
T 2	15 18 8	20°54'29	17°59	26°48	6° 2	24° 9	3°48	12♑ 9	2♒58	5° 5	0° 7	20♈34	19°22	16°18	24°45	T 2
F 3	15 22 4	21°52'12	2♐ 6	28°13	7° 3	24°48	3°50	12° 7	2°58	5° 6	0° 8	20°31	19°19	16°25	24°48	F 3
S 4	15 26 1	22°49'54	15°54	29°40	8° 3	25°27	3°52	12° 5	2°57	5° 8	0° 9	20°26	19°16	16°31	24°50	S 4
S 5	15 29 57	23°47'35	29°22	1♉ 9	9° 3	26° 5	3°55	12° 3	2°57	5°10	0°10	20°21	19°12	16°38	24°52	S 5
M 6	15 33 54	24°45'14	12♑27	2°41	10° 2	26°44	3°58	12° 1	2°57	5°12	0°11	20°16	19° 9	16°45	24°55	M 6
T 7	15 37 51	25°42'53	25°11	4°15	11° 1	27°23	4° 0	11°59	2°56	5°13	0°12	20°11	19° 6	16°51	24°57	T 7
W 8	15 41 47	26°40'30	7♒35	5°52	11°59	28° 1	4° 4	11°56	2°56	5°15	0°13	20° 8	19° 3	16°58	24°59	W 8
T 9	15 45 44	27°38'07	19°44	7°31	12°57	28°40	4° 7	11°54	2°55	5°17	0°14	20° 6	19° 0	17° 5	25° 1	T 9
F 10	15 49 40	28°35'42	1♓41	9°12	13°55	29°19	4°10	11°51	2°55	5°19	0°15	20°D 6	18°57	17°12	25° 3	F 10
S 11	15 53 37	29°33'16	13°32	10°55	14°52	29°57	4°14	11°49	2°54	5°21	0°16	20° 7	18°53	17°18	25° 5	S 11
S 12	15 57 33	0♊30'50	25°22	12°41	15°49	0♋36	4°17	11°46	2°53	5°23	0°17	20° 8	18°50	17°25	25° 7	S 12
M13	16 1 30	1°28'22	7♈15	14°28	16°45	1°14	4°21	11°43	2°53	5°25	0°17	20°10	18°47	17°31	25° 9	M13
T 14	16 5 27	2°25'54	19°16	16°19	17°41	1°53	4°25	11°40	2°52	5°26	0°18	20°R10	18°44	17°38	25°11	T 14
W15	16 9 23	3°23'25	1♉29	18°11	18°36	2°31	4°29	11°37	2°51	5°28	0°19	20°10	18°41	17°45	25°13	W15
T 16	16 13 20	4°20'55	13°57	20° 6	19°31	3°10	4°34	11°34	2°50	5°30	0°20	20° 7	18°38	17°51	25°15	T 16
F 17	16 17 16	5°18'24	26°42	22° 2	20°25	3°49	4°38	11°31	2°49	5°32	0°21	20° 3	18°34	17°58	25°17	F 17
S 18	16 21 13	6°15'52	9♊44	24° 1	21°19	4°27	4°43	11°28	2°48	5°34	0°21	19°56	18°31	18° 5	25°18	S 18
S 19	16 25 9	7°13'19	23° 2	26° 2	22°12	5° 6	4°48	11°25	2°47	5°36	0°22	19°49	18°28	18°11	25°20	S 19
M20	16 29 6	8°10'45	6♋36	28° 5	23° 4	5°44	4°53	11°22	2°46	5°38	0°23	19°41	18°25	18°18	25°22	M20
T 21	16 33 2	9° 8'10	20°22	0♊10	23°56	6°23	4°58	11°18	2°45	5°40	0°23	19°33	18°22	18°25	25°23	T 21
W22	16 36 59	10° 5'34	4♌18	2°16	24°47	7° 1	5° 3	11°15	2°44	5°42	0°24	19°27	18°18	18°31	25°25	W22
T 23	16 40 56	11° 2'57	18°20	4°24	25°37	7°39	5° 9	11°12	2°43	5°44	0°25	19°23	18°15	18°38	25°26	T 23
F 24	16 44 52	12° 0'19	2♍27	6°33	26°27	8°18	5°14	11° 8	2°42	5°47	0°25	19°21	18°12	18°45	25°28	F 24
S 25	16 48 49	12°57'39	16°36	8°43	27°16	8°56	5°20	11° 5	2°41	5°49	0°26	19°D21	18° 9	18°51	25°29	S 25
S 26	16 52 45	13°54'58	0♎46	10°54	28° 4	9°35	5°26	11° 1	2°39	5°51	0°26	19°21	18° 6	18°58	25°30	S 26
M27	16 56 42	14°52'17	14°55	13° 6	28°52	10°13	5°32	10°57	2°38	5°53	0°27	19°R22	18° 3	19° 5	25°31	M27
T 28	17 0 38	15°49'34	29° 3	15°17	29°38	10°51	5°38	10°53	2°37	5°55	0°28	19°22	17°59	19°11	25°33	T 28
W29	17 4 35	16°46'51	13♏ 6	17°29	0♌24	11°30	5°44	10°50	2°35	5°57	0°28	19°20	17°56	19°18	25°34	W29
T 30	17 8 31	17°44'07	27° 1	19°41	1° 9	12° 8	5°51	10°46	2°34	5°59	0°29	19°15	17°53	19°25	25°35	T 30
F 31	17 12 28	18♊41'22	10♐47	21♊52	1♌53	12♋46	5♍57	10♑42	2♒32	6♋ 1	0♈29	19♈ 8	17♈50	19♓31	25♓36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n46	13s52	1s11	7n 3	3s 0	26n24	3n 0	24n24	1n 4	11n22	1n19	22s22	0n34	20s 7	0s35	22n30	0s54	14s55	16s21	8n 4	7n37	8s 4	1n22	3n46
T 2	18 2	19 32	2 24	7 36	2 57	26 21	3 0	24 26	1 4	11 21	1 18	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 21	8 3	7 36	8 0	1 23	3 47
F 3	18 17	24 1	3 28	8 10	2 53	26 18	3 0	24 28	1 5	11 20	1 18	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 21	8 2	7 35	7 57	1 24	3 47
S 4	18 31	27 1	4 17	8 45	2 49	26 15	3 0	24 30	1 5	11 19	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 55	16 22	8 0	7 33	7 54	1 25	3 47
S 5	18 46	28 21	4 51	9 21	2 44	26 11	3 0	24 31	1 5	11 18	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 55	16 22	7 58	7 32	7 51	1 26	3 47
M 6	19 0	28 2	5 9	9 57	2 38	26 6	3 0	24 33	1 5	11 17	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 54	16 22	7 56	7 31	7 47	1 27	3 47
T 7	19 14	26 14	5 10	10 35	2 32	26 1	2 59	24 34	1 5	11 16	1 17	22 23	0 34	20 7	0 35	22 30	0 54	14 54	16 23	7 54	7 30	7 44	1 28	3 47
W 8	19 28	23 12	4 57	11 13	2 25	25 55	2 59	24 34	1 6	11 15	1 17	22 24	0 34	20 7	0 35	22 30	0 54	14 54	16 23	7 53	7 29	7 41	1 29	3 47
T 9	19 41	19 13	4 31	11 52	2 18	25 49	2 58	24 35	1 6	11 13	1 17	22 24	0 34	20 8	0 35	22 30	0 54	14 54	16 23	7 53	7 27	7 37	1 30	3 47
F 10	19 54	14 32	3 53	12 32	2 11	25 42	2 57	24 36	1 6	11 12	1 17	22 24	0 34	20 8	0 35	22 30	0 54	14 54	16 24	7 52	7 26	7 34	1 31	3 48
S 11	20 6	9 21	3 6	13 12	2 3	25 35	2 56	24 36	1 6	11 10	1 17	22 24	0 34	20 8	0 35	22 29	0 54	14 54	16 24	7 53	7 25	7 31	1 32	3 48
S 12	20 18	3 51	2 11	13 52	1 54	25 27	2 55	24 36	1 6	11 9	1 16	22 25	0 34	20 8	0 35	22 29	0 54	14 54	16 24	7 53	7 24	7 27	1 32	3 48
M13	20 30	1n49	1 10	14 33	1 45	25 18	2 53	24 36	1 6	11 7	1 16	22 25	0 34	20 8	0 36	22 29	0 54	14 54	16 24	7 54	7 23	7 24	1 33	3 48
T 14	20 42	7 29	0 5	15 13	1 36	25 10	2 52	24 36	1 7	11 6	1 16	22 25	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 54	7 21	7 21	1 34	3 48
W15	20 53	12 58	1n 1	15 54	1 26	25 0	2 50	24 35	1 7	11 4	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 54	7 20	7 18	1 35	3 48
T 16	21 4	18 3	2 5	16 35	1 16	24 51	2 48	24 34	1 7	11 2	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 53	7 19	7 14	1 36	3 48
F 17	21 14	22 27	3 4	17 15	1 6	24 40	2 46	24 33	1 7	11 0	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 26	7 51	7 18	7 11	1 37	3 48
S 18	21 24	25 50	3 55	17 55	0 56	24 30	2 44	24 32	1 7	10 58	1 15	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 26	7 49	7 17	7 8	1 38	3 49
S 19	21 34	27 53	4 35	18 35	0 45	24 19	2 41	24 31	1 7	10 56	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 26	7 46	7 15	7 4	1 38	3 49
M20	21 43	28 19	4 59	19 14	0 34	24 7	2 38	24 30	1 7	10 54	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 27	7 43	7 14	7 1	1 39	3 49
T 21	21 52	27 0	5 7	19 51	0 23	23 55	2 35	24 28	1 8	10 52	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 27	7 40	7 13	6 58	1 40	3 49
W22	22 1	24 2	4 57	20 28	0 12	23 43	2 32	24 26	1 8	10 50	1 15	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 27	7 38	7 12	6 54	1 41	3 49
T 23	22 9	19 38	4 29	21 3	0 2	23 31	2 29	24 24	1 8	10 48	1 14	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 28	7 36	7 10	6 51	1 41	3 49
F 24	22 17	14 7	3 45	21 36	0n 9	23 18	2 26	24 22	1 8	10 46	1 14	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 28	7 35	7 9	6 48	1 42	3 49
S 25	22 24	7 51	2 47	22 8	0 20	23 4	2 22	24 20	1 8	10 44	1 14	22 29	0 33	20 11	0 36	22 29	0 54	14 54	16 29	7 35	7 8	6 44	1 43	3 50
S 26	22 32	1 12	1 38	22 37	0 30	22 51	2 18	24 17	1 8	10 41	1 14	22 29	0 33	20 12	0 36	22 29	0 54	14 54	16 29	7 36	7 7	6 41	1 43	3 50
M27	22 38	5s32	0 24	23 5	0 40	22 37	2 14	24 14	1 8	10 39	1 14	22 30	0 33	20 12	0 36	22 28	0 53	14 54	16 29	7 36	7 6	6 38	1 44	3 50
T 28	22 44	11 58	0s52	23 30	0 49	22 23	2 9	24 11	1 8	10 36	1 14	22 30	0 33	20 12	0 36	22 28	0 53	14 55	16 30	7 36	7 4	6 34	1 45	3 50
W29	22 50	17 46	2 4	23 52	0 58	22 9	2 5	24 8	1 8	10 34	1 13	22 30	0 33	20 13	0 36	22 28	0 53	14 55	16 30	7 35	7 3	6 31	1 45	3 50
T 30	22 56	22 34	3 7	24 12	1 7	21 54	2 0	24 5	1 9	10 31	1 13	22 31	0 33	20 13	0 36	22 28	0 53	14 55	16 30	7 33	7 2	6 28	1 46	3 50
F 31	23n 1	26s 3	3s59	24n29	1n15	21n39	1n55	24n 1	1n 9	10n29	1n13	22s31	0n33	20s14	0s36	22n28	0s53	14s55	16s31	7n31	7n 1	6s24	1n46	3n50

Julian Day Number = 2297177.5, Delta T = 124.78 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'31, Lahiri = 17°57'32 Julian Calendar 1 May 1577 == Greg. Calendar 11 May 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

JUNE 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 16 25	19♊38'36	24♐18	24♊ 3	2♌36	13♋25	6♍ 4	10°R38	2°R31	6♋ 3	0♈29	18°R59	17♈47	19♓38	25♓37	S 1
S 2	17 20 21	20°35'50	7♑33	26°12	3°18	14° 3	6°11	10♑34	2♒29	6° 6	0°30	18♈49	17°44	19°45	25°38	S 2
M 3	17 24 18	21°33'04	20°31	28°20	3°59	14°41	6°18	10°30	2°28	6° 8	0°30	18°38	17°40	19°51	25°39	M 3
T 4	17 28 14	22°30'17	3♒10	0♋27	4°39	15°20	6°25	10°26	2°26	6°10	0°31	18°29	17°37	19°58	25°40	T 4
W 5	17 32 11	23°27'30	15°32	2°32	5°17	15°58	6°32	10°22	2°24	6°12	0°31	18°21	17°34	20° 5	25°40	W 5
T 6	17 36 7	24°24'43	27°39	4°36	5°55	16°36	6°40	10°18	2°23	6°14	0°31	18°15	17°31	20°11	25°41	T 6
F 7	17 40 4	25°21'55	9♓36	6°38	6°31	17°14	6°47	10°14	2°21	6°17	0°32	18°12	17°28	20°18	25°42	F 7
S 8	17 44 0	26°19'08	21°27	8°38	7° 7	17°53	6°55	10° 9	2°19	6°19	0°32	18°D11	17°24	20°25	25°42	S 8
S 9	17 47 57	27°16'20	3♈16	10°36	7°40	18°31	7° 3	10° 5	2°17	6°21	0°32	18°11	17°21	20°31	25°43	S 9
M10	17 51 54	28°13'32	15°10	12°32	8°13	19° 9	7°10	10° 1	2°16	6°23	0°33	18°R11	17°18	20°38	25°44	M10
T 11	17 55 50	29°10'45	27°13	14°25	8°44	19°47	7°18	9°57	2°14	6°25	0°33	18°11	17°15	20°45	25°44	T 11
W12	17 59 47	0♋ 7'57	9♉31	16°17	9°14	20°26	7°26	9°52	2°12	6°28	0°33	18° 9	17°12	20°51	25°44	W12
T 13	18 3 43	1° 5'09	22° 8	18° 7	9°42	21° 4	7°35	9°48	2°10	6°30	0°33	18° 5	17° 9	20°58	25°45	T 13
F 14	18 7 40	2° 2'22	5♊ 5	19°54	10° 9	21°42	7°43	9°44	2° 8	6°32	0°33	17°58	17° 5	21° 5	25°45	F 14
S 15	18 11 36	2°59'34	18°24	21°40	10°34	22°20	7°51	9°39	2° 6	6°34	0°33	17°49	17° 2	21°11	25°45	S 15
S 16	18 15 33	3°56'47	2♋ 5	23°23	10°58	22°58	8° 0	9°35	2° 4	6°37	0°34	17°38	16°59	21°18	25°46	S 16
M17	18 19 30	4°53'59	16° 4	25° 4	11°20	23°37	8° 9	9°31	2° 2	6°39	0°34	17°27	16°56	21°25	25°46	M17
T 18	18 23 26	5°51'12	0♌17	26°43	11°40	24°15	8°17	9°26	2° 0	6°41	0°34	17°16	16°53	21°31	25°46	T 18
W19	18 27 23	6°48'24	14°37	28°20	11°58	24°53	8°26	9°22	1°58	6°43	0°34	17° 7	16°50	21°38	25°R46	W19
T 20	18 31 19	7°45'36	29° 0	29°55	12°14	25°31	8°35	9°17	1°56	6°45	0°34	17° 0	16°46	21°45	25°46	T 20
F 21	18 35 16	8°42'48	13♍21	1♌27	12°29	26° 9	8°44	9°13	1°54	6°48	0°R34	16°56	16°43	21°51	25°46	F 21
S 22	18 39 12	9°39'59	27°36	2°57	12°41	26°47	8°53	9° 9	1°51	6°50	0°34	16°55	16°40	21°58	25°46	S 22
S 23	18 43 9	10°37'11	11♎44	4°25	12°51	27°26	9° 3	9° 4	1°49	6°52	0°34	16°54	16°37	22° 5	25°45	S 23
M24	18 47 5	11°34'22	25°43	5°51	12°59	28° 4	9°12	9° 0	1°47	6°54	0°34	16°54	16°34	22°11	25°45	M24
T 25	18 51 2	12°31'33	9♏33	7°15	13° 5	28°42	9°22	8°55	1°45	6°57	0°34	16°53	16°30	22°18	25°45	T 25
W26	18 54 59	13°28'44	23°15	8°36	13° 9	29°20	9°31	8°51	1°43	6°59	0°34	16°50	16°27	22°25	25°44	W26
T 27	18 58 55	14°25'56	6♐46	9°55	13°R10	29°58	9°41	8°46	1°40	7° 1	0°33	16°44	16°24	22°31	25°44	T 27
F 28	19 2 52	15°23'07	20° 8	11°12	13° 9	0♌36	9°51	8°42	1°38	7° 3	0°33	16°35	16°21	22°38	25°44	F 28
S 29	19 6 48	16°20'19	3♑18	12°26	13° 6	1°14	10° 0	8°38	1°36	7° 5	0°33	16°24	16°18	22°45	25°43	S 29
S 30	19 10 45	17♋17'31	16♑14	13♌38	13♌ 0	1♌52	10♍10	8♑33	1♒34	7♋ 8	0♈33	16♈11	16♈15	22♓51	25♓42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	27s58	4s36	24n44	1n22	21n24	1n49	23n57	1n 9	10n26	1n13	22s31	0n33	20s14	0s36	22n28	0s53	14s55	16s31	7n27	7n 0	6s21	1n47	3n51
S 2	23 10	28 14	4 58	24 55	1 29	21 9	1 44	23 54	1 9	10 23	1 13	22 32	0 33	20 14	0 36	22 28	0 53	14 55	16 31	7 23	6 58	6 18	1 47	3 51
M 3	23 14	26 55	5 3	25 4	1 35	20 54	1 38	23 50	1 9	10 21	1 13	22 32	0 33	20 15	0 36	22 28	0 53	14 55	16 32	7 19	6 57	6 14	1 48	3 51
T 4	23 17	24 15	4 54	25 10	1 40	20 38	1 32	23 45	1 9	10 18	1 12	22 33	0 33	20 15	0 36	22 28	0 53	14 56	16 32	7 16	6 56	6 11	1 48	3 51
W 5	23 20	20 31	4 31	25 13	1 45	20 22	1 25	23 41	1 9	10 15	1 12	22 33	0 33	20 15	0 36	22 28	0 53	14 56	16 33	7 13	6 55	6 8	1 49	3 51
T 6	23 23	16 0	3 55	25 13	1 49	20 7	1 19	23 36	1 9	10 12	1 12	22 33	0 33	20 16	0 36	22 28	0 53	14 56	16 33	7 11	6 53	6 4	1 49	3 51
F 7	23 25	10 55	3 10	25 11	1 52	19 51	1 12	23 32	1 9	10 9	1 12	22 34	0 32	20 16	0 36	22 28	0 53	14 56	16 33	7 9	6 52	6 1	1 50	3 51
S 8	23 27	5 30	2 17	25 7	1 54	19 35	1 5	23 27	1 9	10 6	1 12	22 34	0 32	20 17	0 36	22 28	0 53	14 56	16 34	7 9	6 51	5 57	1 50	3 52
S 9	23 28	0n 6	1 19	25 0	1 56	19 19	0 57	23 21	1 9	10 3	1 12	22 34	0 32	20 17	0 36	22 27	0 53	14 57	16 34	7 9	6 50	5 54	1 50	3 52
M10	23 29	5 44	0 16	24 50	1 57	19 3	0 49	23 16	1 9	10 0	1 12	22 35	0 32	20 18	0 36	22 27	0 53	14 57	16 34	7 9	6 49	5 51	1 51	3 52
T 11	23 30	11 15	0n48	24 39	1 57	18 47	0 41	23 11	1 9	9 57	1 11	22 35	0 32	20 18	0 36	22 27	0 53	14 57	16 35	7 9	6 47	5 47	1 51	3 52
W12	23 30	16 27	1 51	24 25	1 56	18 31	0 33	23 5	1 10	9 54	1 11	22 36	0 32	20 18	0 36	22 27	0 53	14 57	16 35	7 8	6 46	5 44	1 51	3 52
T 13	23 30	21 5	2 50	24 10	1 55	18 15	0 24	22 59	1 10	9 51	1 11	22 36	0 32	20 19	0 36	22 27	0 53	14 58	16 35	7 7	6 45	5 41	1 52	3 52
F 14	23 29	24 50	3 42	23 53	1 53	17 59	0 15	22 53	1 10	9 48	1 11	22 36	0 32	20 19	0 36	22 27	0 53	14 58	16 36	7 4	6 44	5 37	1 52	3 53
S 15	23 28	27 21	4 23	23 34	1 51	17 43	0 6	22 47	1 10	9 44	1 11	22 37	0 32	20 20	0 36	22 27	0 53	14 58	16 36	7 0	6 43	5 34	1 52	3 53
S 16	23 26	28 19	4 50	23 14	1 48	17 27	0s 4	22 41	1 10	9 41	1 11	22 37	0 32	20 20	0 36	22 27	0 53	14 59	16 37	6 56	6 41	5 31	1 52	3 53
M17	23 24	27 30	5 1	22 52	1 44	17 12	0 14	22 34	1 10	9 38	1 11	22 38	0 32	20 21	0 36	22 27	0 53	14 59	16 37	6 52	6 40	5 27	1 52	3 53
T 18	23 22	24 55	4 53	22 29	1 39	16 57	0 24	22 28	1 10	9 34	1 10	22 38	0 32	20 21	0 37	22 27	0 53	14 59	16 37	6 48	6 39	5 24	1 53	3 53
W19	23 19	20 45	4 27	22 5	1 35	16 41	0 35	22 21	1 10	9 31	1 10	22 38	0 32	20 22	0 37	22 26	0 53	15 0	16 38	6 44	6 38	5 20	1 53	3 53
T 20	23 16	15 21	3 45	21 40	1 29	16 26	0 46	22 14	1 10	9 27	1 10	22 39	0 31	20 22	0 37	22 26	0 53	15 0	16 38	6 42	6 36	5 17	1 53	3 53
F 21	23 13	9 8	2 47	21 14	1 23	16 12	0 57	22 7	1 10	9 24	1 10	22 39	0 31	20 23	0 37	22 26	0 53	15 0	16 38	6 40	6 35	5 14	1 53	3 54
S 22	23 9	2 29	1 40	20 47	1 17	15 57	1 8	21 59	1 10	9 20	1 10	22 40	0 31	20 23	0 37	22 26	0 53	15 1	16 39	6 40	6 34	5 10	1 53	3 54
S 23	23 4	4s14	0 27	20 19	1 9	15 43	1 20	21 52	1 10	9 16	1 10	22 40	0 31	20 24	0 37	22 26	0 53	15 1	16 39	6 39	6 33	5 7	1 53	3 54
M24	22 59	10 41	0s46	19 51	1 2	15 29	1 32	21 44	1 10	9 13	1 10	22 40	0 31	20 24	0 37	22 26	0 53	15 1	16 40	6 39	6 32	5 4	1 53	3 54
T 25	22 54	16 33	1 57	19 22	0 54	15 15	1 45	21 37	1 10	9 9	1 9	22 41	0 31	20 25	0 37	22 26	0 53	15 2	16 40	6 39	6 30	5 0	1 53	3 54
W26	22 49	21 31	2 59	18 53	0 46	15 2	1 57	21 29	1 10	9 5	1 9	22 41	0 31	20 25	0 37	22 26	0 53	15 2	16 40	6 38	6 29	4 57	1 53	3 54
T 27	22 43	25 17	3 51	18 24	0 37	14 49	2 10	21 21	1 10	9 2	1 9	22 42	0 31	20 26	0 37	22 26	0 53	15 2	16 41	6 35	6 28	4 53	1 53	3 55
F 28	22 36	27 36	4 29	17 54	0 27	14 37	2 23	21 12	1 10	8 58	1 9	22 42	0 31	20 26	0 37	22 25	0 53	15 3	16 41	6 32	6 27	4 50	1 53	3 55
S 29	22 30	28 20	4 52	17 24	0 18	14 25	2 37	21 4	1 10	8 54	1 9	22 42	0 31	20 27	0 37	22 25	0 53	15 3	16 41	6 28	6 25	4 47	1 53	3 55
S 30	22n23	27s28	5s 0	16n54	0n 8	14n14	2s50	20n56	1n10	8n50	1n 9	22s43	0n31	20s27	0s37	22n25	0s53	15s 4	16s42	6n23	6n24	4s43	1n53	3n55

Julian Day Number = 2297208.5, Delta T = 124.63 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'36, Lahiri = 17°57'36 Julian Calendar 1 June 1577 == Greg. Calendar 11 June 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

JULY 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 14 41	18♋14'43	28♉57	14♌47	12°R52	2♌31	10♍20	8°R29	1°R31	7♋10	0°R33	15°R58	16♈11	22♓58	25°R42	M 1
T 2	19 18 38	19°11'56	11♒25	15°53	12♌42	3° 9	10°31	8♉25	1♒29	7°12	0♈32	15♈46	16° 8	23° 5	25♓41	T 2
W 3	19 22 34	20° 9'09	23°40	16°57	12°29	3°47	10°41	8°21	1°27	7°14	0°32	15°36	16° 5	23°11	25°40	W 3
T 4	19 26 31	21° 6'23	5♓43	17°58	12°14	4°25	10°51	8°16	1°24	7°16	0°32	15°29	16° 2	23°18	25°40	T 4
F 5	19 30 28	22° 3'37	17°37	18°56	11°56	5° 3	11° 1	8°12	1°22	7°19	0°32	15°24	15°59	23°25	25°39	F 5
S 6	19 34 24	23° 0'53	29°26	19°51	11°36	5°41	11°12	8° 8	1°20	7°21	0°31	15°21	15°56	23°31	25°38	S 6
S 7	19 38 21	23°58'09	11♈14	20°43	11°14	6°19	11°22	8° 4	1°17	7°23	0°31	15°D20	15°52	23°38	25°37	S 7
M 8	19 42 17	24°55'26	23° 7	21°31	10°50	6°57	11°33	8° 0	1°15	7°25	0°31	15°R20	15°49	23°45	25°36	M 8
T 9	19 46 14	25°52'44	5♉10	22°16	10°24	7°35	11°44	7°55	1°12	7°27	0°30	15°20	15°46	23°51	25°35	T 9
W10	19 50 10	26°50'03	17°29	22°58	9°56	8°13	11°54	7°51	1°10	7°29	0°30	15°18	15°43	23°58	25°34	W10
T 11	19 54 7	27°47'23	0♊ 8	23°35	9°26	8°51	12° 5	7°47	1° 8	7°32	0°29	15°15	15°40	24° 5	25°33	T 11
F 12	19 58 3	28°44'43	13°11	24° 9	8°54	9°30	12°16	7°43	1° 5	7°34	0°29	15° 9	15°36	24°11	25°32	F 12
S 13	20 2 0	29°42'05	26°39	24°39	8°22	10° 8	12°27	7°39	1° 3	7°36	0°29	15° 0	15°33	24°18	25°30	S 13
S 14	20 5 57	0♌39'28	10♋34	25° 5	7°47	10°46	12°38	7°36	1° 0	7°38	0°28	14°50	15°30	24°24	25°29	S 14
M15	20 9 53	1°36'52	24°52	25°26	7°12	11°24	12°49	7°32	0°58	7°40	0°28	14°39	15°27	24°31	25°28	M15
T 16	20 13 50	2°34'17	9♌27	25°42	6°36	12° 2	13° 0	7°28	0°56	7°42	0°27	14°29	15°24	24°38	25°26	T 16
W17	20 17 46	3°31'43	24°11	25°54	5°59	12°40	13°12	7°24	0°53	7°44	0°26	14°20	15°21	24°44	25°25	W17
T 18	20 21 43	4°29'09	8♍58	26° 0	5°22	13°18	13°23	7°20	0°51	7°46	0°26	14°14	15°17	24°51	25°23	T 18
F 19	20 25 39	5°26'36	23°40	26°R 2	4°45	13°56	13°34	7°17	0°48	7°48	0°25	14°10	15°14	24°58	25°22	F 19
S 20	20 29 36	6°24'04	8♎10	25°58	4° 8	14°34	13°46	7°13	0°46	7°50	0°25	14°D 9	15°11	25° 4	25°20	S 20
S 21	20 33 32	7°21'32	22°26	25°49	3°31	15°12	13°57	7°10	0°44	7°52	0°24	14° 9	15° 8	25°11	25°19	S 21
M22	20 37 29	8°19'02	6♏27	25°35	2°54	15°51	14° 9	7° 6	0°41	7°54	0°23	14°R 9	15° 5	25°18	25°17	M22
T 23	20 41 26	9°16'32	20°11	25°15	2°19	16°29	14°21	7° 3	0°39	7°56	0°23	14° 8	15° 2	25°24	25°15	T 23
W24	20 45 22	10°14'03	3♐40	24°51	1°44	17° 7	14°32	7° 0	0°37	7°58	0°22	14° 6	14°58	25°31	25°14	W24
T 25	20 49 19	11°11'34	16°55	24°21	1°11	17°45	14°44	6°56	0°34	8° 0	0°21	14° 2	14°55	25°38	25°12	T 25
F 26	20 53 15	12° 9'07	29°56	23°46	0°39	18°23	14°56	6°53	0°32	8° 2	0°21	13°54	14°52	25°44	25°10	F 26
S 27	20 57 12	13° 6'41	12♑46	23° 7	0° 8	19° 1	15° 8	6°50	0°30	8° 4	0°20	13°45	14°49	25°51	25° 8	S 27
S 28	21 1 8	14° 4'16	25°23	22°25	29♋39	19°39	15°20	6°47	0°27	8° 6	0°19	13°35	14°46	25°58	25° 6	S 28
M29	21 5 5	15° 1'51	7♒49	21°39	29°12	20°17	15°31	6°44	0°25	8° 8	0°18	13°24	14°42	26° 4	25° 4	M29
T 30	21 9 1	15°59'29	20° 4	20°50	28°47	20°55	15°43	6°41	0°23	8° 9	0°18	13°14	14°39	26°11	25° 2	T 30
W31	21 12 58	16♌57'07	2♓ 9	20♌ 0	28♋25	21♌34	15♍56	6♉38	0♒20	8♋11	0♈17	13♈ 6	14♈36	26♓18	25♓ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n15	25s11	4s53	16n24	0s 3	14n 3	3s 4	20n47	1n10	8n46	1n 9	22s43	0n30	20s28	0s37	22n25	0s53	15s 4	16s42	6n18	6n23	4s40	1n53	3n55
T 2	22 7	21 44	4 31	15 54	0 14	13 53	3 18	20 38	1 10	8 42	1 9	22 43	0 30	20 28	0 37	22 25	0 53	15 4	16 42	6 13	6 22	4 37	1 53	3 55
W 3	21 59	17 24	3 57	15 24	0 25	13 43	3 32	20 29	1 10	8 38	1 9	22 44	0 30	20 29	0 37	22 25	0 53	15 5	16 43	6 9	6 21	4 33	1 53	3 55
T 4	21 50	12 26	3 13	14 55	0 36	13 33	3 46	20 20	1 10	8 34	1 8	22 44	0 30	20 30	0 37	22 25	0 53	15 5	16 43	6 6	6 19	4 30	1 52	3 56
F 5	21 41	7 4	2 21	14 26	0 48	13 25	4 0	20 11	1 10	8 30	1 8	22 44	0 30	20 30	0 37	22 25	0 53	15 6	16 44	6 4	6 18	4 26	1 52	3 56
S 6	21 32	1 30	1 23	13 57	1 0	13 17	4 14	20 1	1 10	8 26	1 8	22 45	0 30	20 31	0 37	22 25	0 53	15 6	16 44	6 4	6 17	4 23	1 52	3 56
S 7	21 22	4n 7	0 22	13 29	1 12	13 9	4 28	19 52	1 10	8 22	1 8	22 45	0 30	20 31	0 37	22 24	0 53	15 7	16 44	6 3	6 16	4 20	1 52	3 56
M 8	21 12	9 39	0n41	13 2	1 25	13 2	4 42	19 42	1 10	8 18	1 8	22 46	0 30	20 32	0 37	22 24	0 53	15 7	16 45	6 3	6 14	4 16	1 51	3 56
T 9	21 1	14 54	1 43	12 35	1 37	12 56	4 55	19 33	1 10	8 14	1 8	22 46	0 30	20 32	0 37	22 24	0 53	15 8	16 45	6 3	6 13	4 13	1 51	3 56
W10	20 50	19 40	2 42	12 10	1 50	12 51	5 9	19 23	1 10	8 9	1 8	22 46	0 30	20 33	0 37	22 24	0 53	15 8	16 45	6 3	6 12	4 9	1 51	3 56
T 11	20 39	23 43	3 34	11 45	2 3	12 46	5 22	19 13	1 10	8 5	1 8	22 47	0 29	20 33	0 37	22 24	0 53	15 8	16 46	6 1	6 11	4 6	1 51	3 56
F 12	20 28	26 41	4 17	11 22	2 16	12 41	5 34	19 2	1 10	8 1	1 8	22 47	0 29	20 34	0 37	22 24	0 53	15 9	16 46	5 59	6 9	4 3	1 50	3 57
S 13	20 16	28 14	4 47	11 0	2 29	12 38	5 47	18 52	1 10	7 57	1 8	22 47	0 29	20 34	0 37	22 24	0 53	15 9	16 46	5 56	6 8	3 59	1 50	3 57
S 14	20 3	28 4	5 1	10 39	2 42	12 35	5 59	18 42	1 10	7 52	1 8	22 48	0 29	20 35	0 37	22 24	0 53	15 10	16 47	5 52	6 7	3 56	1 49	3 57
M15	19 51	26 5	4 57	10 20	2 54	12 33	6 10	18 31	1 10	7 48	1 7	22 48	0 29	20 35	0 37	22 23	0 53	15 10	16 47	5 47	6 6	3 52	1 49	3 57
T 16	19 38	22 20	4 34	10 3	3 7	12 31	6 21	18 20	1 10	7 44	1 7	22 48	0 29	20 36	0 37	22 23	0 53	15 11	16 47	5 43	6 5	3 49	1 49	3 57
W17	19 25	17 9	3 53	9 47	3 19	12 30	6 31	18 10	1 10	7 39	1 7	22 49	0 29	20 36	0 37	22 23	0 53	15 11	16 48	5 40	6 3	3 46	1 48	3 57
T 18	19 11	10 56	2 55	9 34	3 31	12 29	6 41	17 59	1 9	7 35	1 7	22 49	0 29	20 37	0 37	22 23	0 53	15 12	16 48	5 37	6 2	3 42	1 48	3 57
F 19	18 57	4 9	1 47	9 22	3 43	12 30	6 49	17 48	1 9	7 30	1 7	22 49	0 29	20 38	0 37	22 23	0 53	15 12	16 48	5 36	6 1	3 39	1 47	3 57
S 20	18 43	2s46	0 32	9 13	3 54	12 30	6 57	17 36	1 9	7 26	1 7	22 49	0 29	20 38	0 37	22 23	0 53	15 13	16 49	5 35	6 0	3 35	1 47	3 58
S 21	18 29	9 26	0s44	9 6	4 4	12 31	7 5	17 25	1 9	7 21	1 7	22 50	0 28	20 39	0 37	22 23	0 53	15 14	16 49	5 35	5 58	3 32	1 46	3 58
M22	18 14	15 31	1 56	9 2	4 14	12 33	7 11	17 14	1 9	7 17	1 7	22 50	0 28	20 39	0 37	22 23	0 53	15 14	16 49	5 36	5 57	3 29	1 45	3 58
T 23	17 59	20 43	3 0	9 0	4 23	12 35	7 17	17 2	1 9	7 12	1 7	22 50	0 28	20 40	0 37	22 23	0 53	15 15	16 50	5 35	5 56	3 25	1 45	3 58
W24	17 43	24 44	3 52	9 1	4 30	12 38	7 22	16 50	1 9	7 8	1 7	22 51	0 28	20 40	0 37	22 22	0 53	15 15	16 50	5 34	5 55	3 22	1 44	3 58
T 25	17 28	27 21	4 31	9 5	4 37	12 41	7 26	16 39	1 9	7 3	1 7	22 51	0 28	20 41	0 37	22 22	0 53	15 16	16 50	5 33	5 54	3 18	1 44	3 58
F 26	17 12	28 25	4 55	9 11	4 42	12 45	7 29	16 27	1 9	6 58	1 7	22 51	0 28	20 41	0 37	22 22	0 53	15 16	16 50	5 30	5 52	3 15	1 43	3 58
S 27	16 55	27 55	5 4	9 20	4 46	12 49	7 32	16 15	1 9	6 54	1 7	22 51	0 28	20 42	0 37	22 22	0 53	15 17	16 51	5 26	5 51	3 11	1 42	3 58
S 28	16 39	25 59	4 58	9 32	4 48	12 53	7 33	16 3	1 9	6 49	1 6	22 52	0 28	20 42	0 37	22 22	0 53	15 17	16 51	5 22	5 50	3 8	1 42	3 58
M29	16 22	22 49	4 37	9 47	4 48	12 57	7 34	15 51	1 9	6 44	1 6	22 52	0 28	20 43	0 37	22 22	0 53	15 18	16 51	5 18	5 49	3 5	1 41	3 58
T 30	16 5	18 41	4 4	10 3	4 46	13 2	7 34	15 38	1 9	6 40	1 6	22 52	0 27	20 43	0 37	22 22	0 53	15 18	16 52	5 14	5 47	3 1	1 40	3 58
W31	15n48	13s51	3s21	10n22	4s43	13n 7	7s34	15n26	1n 9	6n35	1n 6	22s53	0n27	20s44	0s37	22n22	0s53	15s19	16s52	5n11	5n46	2s58	1n39	3n59

Julian Day Number = 2297238.5, Delta T = 124.48 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'40, Lahiri = 17°57'40 Julian Calendar 1 July 1577 == Greg. Calendar 11 July 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

AUGUST 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 16 55	17♌54'47	14♓ 6	19°R 9	28°R 4	22♌12	16♍ 8	6°R35	0°R18	8♋13	0°R16	13°R 0	14♈33	26♓24	24°R58	T 1
F 2	21 20 51	18°52'28	25°56	18♌18	27♋46	22°50	16°20	6♏33	0♒16	8°15	0♈15	12♈56	14°30	26°31	24♓56	F 2
S 3	21 24 48	19°50'10	7♈43	17°28	27°30	23°28	16°32	6°30	0°14	8°17	0°14	12°D54	14°27	26°38	24°54	S 3
S 4	21 28 44	20°47'54	19°31	16°41	27°16	24° 6	16°44	6°27	0°11	8°18	0°14	12°54	14°23	26°44	24°52	S 4
M 5	21 32 41	21°45'40	1♉23	15°57	27° 5	24°44	16°56	6°25	0° 9	8°20	0°13	12°55	14°20	26°51	24°49	M 5
T 6	21 36 37	22°43'28	13°25	15°16	26°56	25°22	17° 9	6°23	0° 7	8°22	0°12	12°57	14°17	26°58	24°47	T 6
W 7	21 40 34	23°41'17	25°42	14°41	26°50	26° 1	17°21	6°20	0° 5	8°24	0°11	12°R57	14°14	27° 4	24°45	W 7
T 8	21 44 30	24°39'08	8♊19	14°12	26°46	26°39	17°33	6°18	0° 3	8°25	0°10	12°56	14°11	27°11	24°42	T 8
F 9	21 48 27	25°37'01	21°20	13°49	26°D45	27°17	17°46	6°16	0° 1	8°27	0° 9	12°53	14° 8	27°17	24°40	F 9
S 10	21 52 24	26°34'56	4♋49	13°34	26°46	27°55	17°58	6°14	29♑59	8°29	0° 8	12°48	14° 4	27°24	24°38	S 10
S 11	21 56 20	27°32'53	18°46	13°26	26°49	28°33	18°11	6°12	29°57	8°30	0° 7	12°42	14° 1	27°31	24°35	S 11
M12	22 0 17	28°30'51	3♌ 9	13°D26	26°54	29°12	18°23	6°10	29°55	8°32	0° 6	12°35	13°58	27°37	24°33	M12
T 13	22 4 13	29°28'51	17°55	13°34	27° 2	29°50	18°36	6° 8	29°53	8°33	0° 5	12°29	13°55	27°44	24°30	T 13
W14	22 8 10	0♍26'53	2♍55	13°50	27°11	0♍28	18°48	6° 7	29°51	8°35	0° 4	12°23	13°52	27°51	24°28	W14
T 15	22 12 6	1°24'56	18° 1	14°15	27°23	1° 6	19° 1	6° 5	29°49	8°36	0° 3	12°19	13°48	27°57	24°25	T 15
F 16	22 16 3	2°23'01	3♎ 3	14°47	27°37	1°44	19°14	6° 4	29°47	8°38	0° 2	12°17	13°45	28° 4	24°23	F 16
S 17	22 19 59	3°21'07	17°52	15°28	27°53	2°23	19°26	6° 2	29°45	8°39	0° 1	12°D17	13°42	28°11	24°20	S 17
S 18	22 23 56	4°19'15	2♏24	16°17	28°11	3° 1	19°39	6° 1	29°43	8°41	0° 0	12°18	13°39	28°17	24°18	S 18
M19	22 27 53	5°17'24	16°35	17°13	28°31	3°39	19°52	6° 0	29°41	8°42	29♓59	12°20	13°36	28°24	24°15	M19
T 20	22 31 49	6°15'35	0♐24	18°16	28°52	4°17	20° 5	5°59	29°40	8°44	29°58	12°R21	13°33	28°31	24°12	T 20
W21	22 35 46	7°13'47	13°51	19°26	29°15	4°56	20°17	5°58	29°38	8°45	29°57	12°21	13°29	28°37	24°10	W21
T 22	22 39 42	8°12'01	26°58	20°42	29°40	5°34	20°30	5°57	29°36	8°46	29°56	12°19	13°26	28°44	24° 7	T 22
F 23	22 43 39	9°10'16	9♑48	22° 4	0♌ 7	6°12	20°43	5°56	29°34	8°48	29°55	12°16	13°23	28°51	24° 4	F 23
S 24	22 47 35	10° 8'33	22°23	23°31	0°35	6°51	20°56	5°55	29°33	8°49	29°54	12°12	13°20	28°57	24° 2	S 24
S 25	22 51 32	11° 6'52	4♒45	25° 3	1° 5	7°29	21° 9	5°54	29°31	8°50	29°53	12° 7	13°17	29° 4	23°59	S 25
M26	22 55 28	12° 5'12	16°57	26°39	1°36	8° 7	21°22	5°54	29°30	8°51	29°51	12° 1	13°14	29°11	23°56	M26
T 27	22 59 25	13° 3'33	29° 0	28°18	2° 8	8°46	21°34	5°53	29°28	8°53	29°50	11°56	13°10	29°17	23°53	T 27
W28	23 3 22	14° 1'57	10♓56	0♍ 1	2°42	9°24	21°47	5°53	29°27	8°54	29°49	11°52	13° 7	29°24	23°51	W28
T 29	23 7 18	15° 0'22	22°47	1°46	3°18	10° 2	22° 0	5°53	29°25	8°55	29°48	11°49	13° 4	29°30	23°48	T 29
F 30	23 11 15	15°58'50	4♈35	3°33	3°54	10°41	22°13	5°52	29°24	8°56	29°47	11°48	13° 1	29°37	23°45	F 30
S 31	23 15 11	16♍57'19	16♈22	5♍22	4♌32	11♍19	22♍26	5°D52	29♑22	8♋57	29♓46	11°D48	12♈58	29♓44	23♓42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n30	8s33	2s28	10n43	4s38	13n12	7s32	15n14	1n 8	6n30	1n 6	22s53	0n27	20s44	0s37	22n21	0s53	15s20	16s52	5n 9	5n45	2s54	1n39	3n59
F 2	15 12	3 0	1 30	11 5	4 31	13 18	7 31	15 1	1 8	6 25	1 6	22 53	0 27	20 45	0 37	22 21	0 53	15 20	16 52	5 7	5 44	2 51	1 38	3 59
S 3	14 54	2n39	0 28	11 29	4 22	13 23	7 28	14 48	1 8	6 21	1 6	22 53	0 27	20 45	0 37	22 21	0 53	15 21	16 53	5 7	5 42	2 48	1 37	3 59
S 4	14 36	8 12	0n36	11 53	4 11	13 28	7 25	14 35	1 8	6 16	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 21	16 53	5 7	5 41	2 44	1 36	3 59
M 5	14 17	13 31	1 38	12 18	3 59	13 34	7 22	14 23	1 8	6 11	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 22	16 53	5 7	5 40	2 41	1 35	3 59
T 6	13 58	18 24	2 37	12 43	3 45	13 40	7 17	14 10	1 8	6 6	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 22	16 53	5 7	5 39	2 37	1 35	3 59
W 7	13 39	22 38	3 30	13 7	3 30	13 45	7 13	13 57	1 8	6 1	1 6	22 54	0 26	20 47	0 37	22 21	0 53	15 23	16 54	5 8	5 37	2 34	1 34	3 59
T 8	13 20	25 56	4 15	13 31	3 14	13 51	7 8	13 43	1 8	5 56	1 6	22 54	0 26	20 47	0 37	22 21	0 53	15 24	16 54	5 7	5 36	2 30	1 33	3 59
F 9	13 1	28 0	4 48	13 54	2 57	13 56	7 3	13 30	1 8	5 51	1 6	22 55	0 26	20 48	0 37	22 20	0 53	15 24	16 54	5 6	5 35	2 27	1 32	3 59
S 10	12 41	28 30	5 6	14 15	2 39	14 2	6 57	13 17	1 8	5 47	1 6	22 55	0 26	20 48	0 37	22 20	0 53	15 25	16 54	5 4	5 34	2 24	1 31	3 59
S 11	12 21	27 15	5 7	14 35	2 21	14 7	6 51	13 4	1 7	5 42	1 6	22 55	0 26	20 49	0 37	22 20	0 53	15 25	16 54	5 2	5 33	2 20	1 30	3 59
M12	12 1	24 11	4 49	14 52	2 2	14 12	6 45	12 50	1 7	5 37	1 6	22 55	0 26	20 49	0 37	22 20	0 53	15 26	16 55	4 59	5 31	2 17	1 29	3 59
T 13	11 41	19 30	4 12	15 8	1 44	14 17	6 38	12 36	1 7	5 32	1 6	22 56	0 26	20 49	0 37	22 20	0 53	15 26	16 55	4 57	5 30	2 13	1 28	3 59
W14	11 20	13 31	3 17	15 21	1 26	14 22	6 32	12 23	1 7	5 27	1 6	22 56	0 26	20 50	0 37	22 20	0 53	15 27	16 55	4 54	5 29	2 10	1 27	3 59
T 15	11 0	6 43	2 8	15 31	1 8	14 27	6 25	12 9	1 7	5 22	1 6	22 56	0 26	20 50	0 37	22 20	0 53	15 28	16 55	4 53	5 28	2 6	1 26	3 59
F 16	10 39	0s27	0 50	15 38	0 50	14 31	6 17	11 55	1 7	5 17	1 6	22 56	0 25	20 51	0 37	22 20	0 53	15 28	16 55	4 52	5 26	2 3	1 25	3 59
S 17	10 18	7 30	0s30	15 42	0 33	14 35	6 10	11 41	1 7	5 12	1 6	22 56	0 25	20 51	0 37	22 20	0 53	15 29	16 56	4 52	5 25	2 0	1 24	3 59
S 18	9 57	14 1	1 47	15 43	0 17	14 39	6 3	11 27	1 7	5 7	1 6	22 56	0 25	20 51	0 37	22 19	0 53	15 29	16 56	4 52	5 24	1 56	1 23	3 59
M19	9 36	19 39	2 56	15 41	0 2	14 43	5 55	11 13	1 6	5 2	1 6	22 57	0 25	20 52	0 37	22 19	0 53	15 30	16 56	4 53	5 23	1 53	1 22	3 59
T 20	9 14	24 4	3 53	15 36	0n13	14 46	5 47	10 59	1 6	4 57	1 6	22 57	0 25	20 52	0 37	22 19	0 53	15 30	16 56	4 53	5 21	1 49	1 21	3 59
W21	8 53	27 4	4 35	15 27	0 26	14 49	5 40	10 45	1 6	4 52	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 31	16 56	4 53	5 20	1 46	1 20	3 59
T 22	8 31	28 29	5 1	15 15	0 39	14 52	5 32	10 31	1 6	4 47	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 32	16 56	4 53	5 19	1 42	1 19	3 59
F 23	8 9	28 19	5 12	14 59	0 51	14 54	5 24	10 17	1 6	4 41	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 32	16 57	4 52	5 18	1 39	1 18	3 59
S 24	7 47	26 41	5 7	14 41	1 1	14 56	5 16	10 2	1 6	4 36	1 6	22 57	0 24	20 54	0 37	22 19	0 53	15 33	16 57	4 50	5 16	1 36	1 17	3 59
S 25	7 25	23 47	4 48	14 19	1 11	14 58	5 8	9 48	1 6	4 31	1 6	22 58	0 24	20 54	0 37	22 19	0 53	15 33	16 57	4 48	5 15	1 32	1 16	3 59
M26	7 3	19 52	4 16	13 54	1 19	14 59	4 59	9 33	1 5	4 26	1 6	22 58	0 24	20 54	0 37	22 19	0 53	15 34	16 57	4 46	5 14	1 29	1 15	3 59
T 27	6 40	15 11	3 34	13 26	1 26	15 0	4 51	9 19	1 5	4 21	1 6	22 58	0 24	20 54	0 37	22 19	0 54	15 34	16 57	4 44	5 13	1 25	1 14	3 59
W28	6 18	9 58	2 41	12 56	1 33	15 0	4 43	9 4	1 5	4 16	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 35	16 57	4 42	5 12	1 22	1 13	3 59
T 29	5 55	4 27	1 43	12 24	1 38	15 0	4 35	8 49	1 5	4 11	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 35	16 57	4 41	5 10	1 18	1 11	3 59
F 30	5 33	1n13	0 40	11 49	1 42	15 0	4 27	8 35	1 5	4 6	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 36	16 57	4 41	5 9	1 15	1 10	3 59
S 31	5n10	6n50	0n25	11n12	1n45	14n59	4s19	8n20	1n 5	4n 1	1n 6	22s58	0n24	20s56	0s37	22n18	0s54	15s37	16s58	4n41	5n 8	1s11	1n 9	3n59

Julian Day Number = 2297269.5, Delta T = 124.33 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'44, Lahiri = 17°57'44 Julian Calendar 1 Aug. 1577 == Greg. Calendar 11 Aug. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

SEPTEMBER 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 19 8	17♍55'50	28♈11	7♍12	5♌11	11♍57	22♍39	5♉52	29°R21	8♋58	29°R45	11♈49	12♈54	29♓50	23°R39	S 1
M 2	23 23 4	18°54'24	10♉ 6	9° 3	5°51	12°36	22°52	5°53	29♉20	8°59	29♓43	11°50	12°51	29°57	23♓37	M 2
T 3	23 27 1	19°52'59	22°10	10°54	6°33	13°14	23° 5	5°53	29°18	9° 0	29°42	11°52	12°48	0♈ 4	23°34	T 3
W 4	23 30 57	20°51'37	4♊27	12°46	7°15	13°53	23°18	5°53	29°17	9° 1	29°41	11°53	12°45	0°10	23°31	W 4
T 5	23 34 54	21°50'18	17° 2	14°38	7°58	14°31	23°31	5°54	29°16	9° 2	29°40	11°R54	12°42	0°17	23°28	T 5
F 6	23 38 51	22°49'00	29°59	16°30	8°43	15°10	23°44	5°54	29°15	9° 3	29°39	11°54	12°39	0°24	23°25	F 6
S 7	23 42 47	23°47'45	13♋21	18°21	9°28	15°48	23°57	5°55	29°14	9° 4	29°38	11°53	12°35	0°30	23°22	S 7
S 8	23 46 44	24°46'32	27°10	20°12	10°14	16°27	24°10	5°55	29°13	9° 5	29°36	11°51	12°32	0°37	23°20	S 8
M 9	23 50 40	25°45'21	11♌27	22° 3	11° 2	17° 5	24°23	5°56	29°12	9° 5	29°35	11°49	12°29	0°44	23°17	M 9
T 10	23 54 37	26°44'13	26° 8	23°52	11°50	17°44	24°36	5°57	29°11	9° 6	29°34	11°47	12°26	0°50	23°14	T 10
W11	23 58 33	27°43'06	11♍ 8	25°42	12°38	18°22	24°49	5°58	29°10	9° 7	29°33	11°46	12°23	0°57	23°11	W11
T 12	0 2 30	28°42'02	26°19	27°30	13°28	19° 1	25° 2	5°59	29° 9	9° 8	29°32	11°45	12°19	1° 4	23° 8	T 12
F 13	0 6 26	29°41'00	11♎31	29°18	14°18	19°39	25°15	6° 0	29° 8	9° 8	29°30	11°D44	12°16	1°10	23° 6	F 13
S 14	0 10 23	0♎40'00	26°35	1♎ 4	15° 9	20°18	25°28	6° 2	29° 7	9° 9	29°29	11°45	12°13	1°17	23° 3	S 14
S 15	0 14 20	1°39'01	11♏23	2°51	16° 1	20°56	25°41	6° 3	29° 7	9° 9	29°28	11°45	12°10	1°23	23° 0	S 15
M16	0 18 16	2°38'05	25°48	4°36	16°54	21°35	25°54	6° 5	29° 6	9°10	29°27	11°46	12° 7	1°30	22°57	M16
T 17	0 22 13	3°37'10	9♐48	6°20	17°47	22°14	26° 7	6° 6	29° 5	9°11	29°26	11°47	12° 4	1°37	22°54	T 17
W18	0 26 9	4°36'18	23°22	8° 3	18°41	22°52	26°19	6° 8	29° 5	9°11	29°25	11°47	12° 0	1°43	22°52	W18
T 19	0 30 6	5°35'27	6♑31	9°46	19°35	23°31	26°32	6°10	29° 4	9°12	29°23	11°R48	11°57	1°50	22°49	T 19
F 20	0 34 2	6°34'38	19°18	11°28	20°30	24°10	26°45	6°12	29° 4	9°12	29°22	11°47	11°54	1°57	22°46	F 20
S 21	0 37 59	7°33'50	1♒46	13° 9	21°26	24°48	26°58	6°14	29° 4	9°12	29°21	11°47	11°51	2° 3	22°43	S 21
S 22	0 41 55	8°33'04	13°59	14°49	22°22	25°27	27°11	6°16	29° 3	9°13	29°20	11°47	11°48	2°10	22°41	S 22
M23	0 45 52	9°32'21	26° 2	16°29	23°18	26° 6	27°24	6°18	29° 3	9°13	29°19	11°46	11°45	2°17	22°38	M23
T 24	0 49 49	10°31'39	7♓56	18° 7	24°16	26°44	27°37	6°20	29° 3	9°13	29°17	11°46	11°41	2°23	22°35	T 24
W25	0 53 45	11°30'58	19°46	19°45	25°13	27°23	27°49	6°22	29° 2	9°14	29°16	11°D46	11°38	2°30	22°33	W25
T 26	0 57 42	12°30'20	1♈34	21°22	26°12	28° 2	28° 2	6°25	29° 2	9°14	29°15	11°46	11°35	2°37	22°30	T 26
F 27	1 1 38	13°29'44	13°22	22°59	27°10	28°41	28°15	6°27	29° 2	9°14	29°14	11°R46	11°32	2°43	22°28	F 27
S 28	1 5 35	14°29'10	25°13	24°34	28°10	29°19	28°28	6°30	29° 2	9°14	29°13	11°46	11°29	2°50	22°25	S 28
S 29	1 9 31	15°28'38	7♉ 9	26°10	29° 9	29°58	28°40	6°33	29°D 2	9°14	29°12	11°46	11°25	2°57	22°22	S 29
M30	1 13 28	16♎28'08	19♉12	27♎44	0♍ 9	0♎37	28♍53	6♑35	29♑ 2	9♋15	29♓11	11♈45	11♈22	3♈ 3	22♓20	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n47	12n14	1n29	10n33	1n48	14n58	4s10	8n 5	1n 4	3n56	1n 6	22s59	0n23	20s56	0s37	22n18	0s54	15s37	16s58	4n41	5n 7	1s 8	1n 8	3n59
M 2	4 24	17 15	2 30	9 53	1 49	14 56	4 2	7 50	1 4	3 50	1 6	22 59	0 23	20 56	0 36	22 18	0 54	15 38	16 58	4 42	5 5	1 5	1 7	3 59
T 3	4 1	21 39	3 25	9 11	1 50	14 54	3 54	7 35	1 4	3 45	1 6	22 59	0 23	20 56	0 36	22 18	0 54	15 38	16 58	4 42	5 4	1 1	1 6	3 59
W 4	3 38	25 12	4 11	8 28	1 50	14 51	3 46	7 20	1 4	3 40	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 39	16 58	4 43	5 3	0 58	1 5	3 59
T 5	3 15	27 37	4 47	7 45	1 49	14 48	3 38	7 5	1 4	3 35	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 39	16 58	4 43	5 2	0 54	1 3	3 59
F 6	2 51	28 39	5 9	7 0	1 48	14 45	3 30	6 50	1 4	3 30	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 40	16 58	4 43	5 0	0 51	1 2	3 59
S 7	2 28	28 4	5 16	6 14	1 46	14 41	3 22	6 35	1 3	3 25	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 40	16 58	4 43	4 59	0 47	1 1	3 59
S 8	2 5	25 46	5 5	5 28	1 43	14 36	3 14	6 20	1 3	3 20	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 41	16 58	4 42	4 58	0 44	1 0	3 59
M 9	1 41	21 48	4 35	4 42	1 40	14 31	3 6	6 5	1 3	3 15	1 6	22 59	0 23	20 58	0 36	22 17	0 54	15 41	16 58	4 41	4 57	0 40	0 59	3 59
T 10	1 18	16 23	3 47	3 55	1 37	14 25	2 59	5 49	1 3	3 9	1 6	22 59	0 22	20 58	0 36	22 17	0 54	15 42	16 58	4 40	4 55	0 37	0 57	3 58
W11	0 55	9 54	2 42	3 8	1 33	14 19	2 51	5 34	1 3	3 4	1 6	22 59	0 22	20 58	0 36	22 17	0 54	15 42	16 58	4 40	4 54	0 34	0 56	3 58
T 12	0 31	2 46	1 25	2 21	1 29	14 13	2 43	5 19	1 2	2 59	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 43	16 58	4 39	4 53	0 30	0 55	3 58
F 13	0 8	4s33	0 1	1 34	1 24	14 6	2 36	5 3	1 2	2 54	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 43	16 58	4 39	4 52	0 27	0 54	3 58
S 14	0s16	11 33	1s21	0 47	1 19	13 58	2 28	4 48	1 2	2 49	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 44	16 58	4 39	4 50	0 23	0 53	3 58
S 15	0 39	17 46	2 37	0s 0	1 14	13 50	2 21	4 33	1 2	2 44	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 44	16 58	4 40	4 49	0 20	0 51	3 58
M16	1 3	22 50	3 41	0 47	1 9	13 41	2 13	4 17	1 2	2 39	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 45	16 58	4 40	4 48	0 16	0 50	3 58
T 17	1 27	26 25	4 30	1 34	1 3	13 32	2 6	4 2	1 1	2 34	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 45	16 58	4 40	4 47	0 13	0 49	3 58
W18	1 50	28 21	5 1	2 20	0 57	13 23	1 59	3 46	1 1	2 28	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 45	0 9	0 48	3 58
T 19	2 14	28 36	5 16	3 6	0 51	13 13	1 52	3 31	1 1	2 23	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 44	0 6	0 47	3 58
F 20	2 37	27 18	5 15	3 52	0 45	13 2	1 45	3 15	1 1	2 18	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 43	0 3	0 45	3 57
S 21	3 1	24 40	4 59	4 37	0 38	12 51	1 38	3 0	1 0	2 13	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 47	16 58	4 40	4 42	0n 1	0 44	3 57
S 22	3 24	20 57	4 29	5 22	0 32	12 40	1 31	2 44	1 0	2 8	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 47	16 58	4 40	4 40	0 4	0 43	3 57
M23	3 47	16 26	3 48	6 6	0 25	12 28	1 24	2 28	1 0	2 3	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 39	0 8	0 42	3 57
T 24	4 11	11 21	2 57	6 50	0 18	12 15	1 17	2 13	1 0	1 58	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 38	0 11	0 41	3 57
W25	4 34	5 53	1 59	7 34	0 12	12 2	1 11	1 57	0 59	1 53	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 37	0 15	0 40	3 57
T 26	4 57	0 14	0 56	8 17	0 5	11 49	1 4	1 41	0 59	1 48	1 6	23 0	0 21	20 59	0 36	22 16	0 54	15 49	16 58	4 40	4 36	0 18	0 38	3 57
F 27	5 20	5n26	0n 9	8 59	0s 2	11 35	0 58	1 26	0 59	1 43	1 6	23 0	0 20	20 59	0 36	22 16	0 54	15 49	16 58	4 40	4 34	0 22	0 37	3 56
S 28	5 43	10 56	1 14	9 41	0 9	11 20	0 51	1 10	0 59	1 38	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 50	16 58	4 40	4 33	0 25	0 36	3 56
S 29	6 6	16 5	2 16	10 22	0 16	11 6	0 45	0 54	0 58	1 33	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 50	16 57	4 40	4 32	0 28	0 35	3 56
M30	6s29	20n40	3n13	11s 3	0s23	10n50	0s39	0n39	0n58	1n28	1n 7	23s 0	0n20	20s59	0s36	22n16	0s54	15s50	16s57	4n39	4n31	0n32	0n34	3n56

Julian Day Number = 2297300.5, Delta T = 124.17 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'48, Lahiri = 17°57'49 Julian Calendar 1 Sept. 1577 == Greg. Calendar 11 Sept. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

OCTOBER 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 17 24	17♎27'41	1♊24	29♎18	1♍10	1♎16	29♍ 6	6♑38	29♑ 2	9♋15	29°R 9	11°R44	11♈19	3♈10	22°R17	T 1
W 2	1 21 21	18°27'16	13°48	0♏51	2°11	1°55	29°18	6°41	29° 2	9°15	29♓ 8	11♈44	11°16	3°16	22♓15	W 2
T 3	1 25 17	19°26'53	26°27	2°23	3°12	2°34	29°31	6°44	29° 2	9°R15	29° 7	11°43	11°13	3°23	22°13	T 3
F 4	1 29 14	20°26'32	9♋23	3°55	4°14	3°12	29°44	6°48	29° 3	9°15	29° 6	11°42	11°10	3°30	22°10	F 4
S 5	1 33 11	21°26'14	22°40	5°26	5°16	3°51	29°56	6°51	29° 3	9°15	29° 5	11°D42	11° 6	3°36	22° 8	S 5
S 6	1 37 7	22°25'58	6♌19	6°57	6°18	4°30	0♎ 9	6°54	29° 3	9°15	29° 4	11°42	11° 3	3°43	22° 5	S 6
M 7	1 41 4	23°25'44	20°21	8°27	7°21	5° 9	0°21	6°58	29° 4	9°14	29° 3	11°43	11° 0	3°50	22° 3	M 7
T 8	1 45 0	24°25'32	4♍45	9°57	8°25	5°48	0°34	7° 1	29° 4	9°14	29° 2	11°44	10°57	3°56	22° 1	T 8
W 9	1 48 57	25°25'23	19°30	11°25	9°28	6°27	0°46	7° 5	29° 4	9°14	29° 1	11°45	10°54	4° 3	21°59	W 9
T 10	1 52 53	26°25'16	4♎29	12°54	10°32	7° 6	0°58	7° 8	29° 5	9°14	29° 0	11°R46	10°51	4°10	21°56	T 10
F 11	1 56 50	27°25'10	19°35	14°21	11°36	7°45	1°11	7°12	29° 6	9°14	28°59	11°46	10°47	4°16	21°54	F 11
S 12	2 0 46	28°25'07	4♏39	15°48	12°41	8°24	1°23	7°16	29° 6	9°13	28°58	11°45	10°44	4°23	21°52	S 12
S 13	2 4 43	29°25'06	19°33	17°15	13°45	9° 3	1°35	7°20	29° 7	9°13	28°57	11°43	10°41	4°30	21°50	S 13
M14	2 8 40	0♏25'07	4♐ 7	18°40	14°50	9°42	1°47	7°24	29° 8	9°13	28°56	11°41	10°38	4°36	21°48	M14
T 15	2 12 36	1°25'10	18°18	20° 5	15°56	10°21	1°59	7°28	29° 8	9°12	28°55	11°38	10°35	4°43	21°46	T 15
W16	2 16 33	2°25'14	2♑ 1	21°29	17° 1	11° 1	2°11	7°32	29° 9	9°12	28°54	11°35	10°31	4°50	21°44	W16
T 17	2 20 29	3°25'20	15°17	22°53	18° 7	11°40	2°23	7°36	29°10	9°11	28°53	11°33	10°28	4°56	21°42	T 17
F 18	2 24 26	4°25'27	28° 7	24°15	19°13	12°19	2°35	7°41	29°11	9°11	28°52	11°32	10°25	5° 3	21°40	F 18
S 19	2 28 22	5°25'36	10♒36	25°37	20°20	12°58	2°47	7°45	29°12	9°10	28°51	11°D32	10°22	5° 9	21°38	S 19
S 20	2 32 19	6°25'46	22°47	26°57	21°26	13°37	2°59	7°50	29°13	9°10	28°50	11°33	10°19	5°16	21°36	S 20
M21	2 36 16	7°25'58	4♓45	28°17	22°33	14°16	3°11	7°54	29°14	9° 9	28°49	11°35	10°16	5°23	21°35	M21
T 22	2 40 12	8°26'12	16°36	29°35	23°40	14°56	3°23	7°59	29°15	9° 8	28°48	11°37	10°12	5°29	21°33	T 22
W23	2 44 9	9°26'27	28°23	0♐52	24°47	15°35	3°34	8° 3	29°17	9° 8	28°47	11°38	10° 9	5°36	21°31	W23
T 24	2 48 5	10°26'43	10♈11	2° 8	25°55	16°14	3°46	8° 8	29°18	9° 7	28°47	11°R39	10° 6	5°43	21°30	T 24
F 25	2 52 2	11°27'02	22° 3	3°21	27° 3	16°53	3°58	8°13	29°19	9° 6	28°46	11°38	10° 3	5°49	21°28	F 25
S 26	2 55 58	12°27'22	4♉ 1	4°33	28°11	17°33	4° 9	8°18	29°21	9° 6	28°45	11°36	10° 0	5°56	21°27	S 26
S 27	2 59 55	13°27'43	16° 7	5°43	29°19	18°12	4°20	8°23	29°22	9° 5	28°44	11°33	9°57	6° 3	21°25	S 27
M28	3 3 51	14°28'07	28°23	6°51	0♎27	18°51	4°32	8°28	29°23	9° 4	28°43	11°28	9°53	6° 9	21°24	M28
T 29	3 7 48	15°28'32	10♊51	7°56	1°36	19°31	4°43	8°33	29°25	9° 3	28°43	11°22	9°50	6°16	21°22	T 29
W30	3 11 44	16°28'59	23°30	8°58	2°44	20°10	4°54	8°38	29°26	9° 2	28°42	11°15	9°47	6°23	21°21	W30
T 31	3 15 41	17♏29'27	6♋22	9♐57	3♎53	20♎49	5♎ 5	8♑43	29♑28	9♋ 1	28♓41	11♈ 9	9♈44	6♈29	21♓20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s52	24n26	4n 2	11s43	0s30	10n35	0s33	0n23	0n58	1n23	1n 7	23s 0	0n20	20s59	0s36	22n16	0s54	15s51	16s57	4n39	4n29	0n35	0n33	3n56
W 2	7 15	27 9	4 41	12 22	0 37	10 18	0 27	0 7	0 58	1 18	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 51	16 57	4 39	4 28	0 39	0 31	3 56
T 3	7 38	28 33	5 6	13 1	0 43	10 2	0 21	0s 9	0 57	1 13	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 51	16 57	4 39	4 27	0 42	0 30	3 55
F 4	8 0	28 26	5 17	13 38	0 50	9 45	0 15	0 24	0 57	1 8	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 26	0 46	0 29	3 55
S 5	8 23	26 42	5 12	14 16	0 57	9 27	0 10	0 40	0 57	1 3	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 24	0 49	0 28	3 55
S 6	8 45	23 24	4 49	14 52	1 3	9 9	0 4	0 56	0 57	0 58	1 7	23 0	0 19	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 23	0 53	0 27	3 55
M 7	9 7	18 39	4 8	15 28	1 10	8 51	0n 1	1 11	0 56	0 53	1 7	22 59	0 19	20 59	0 36	22 16	0 54	15 53	16 56	4 39	4 22	0 56	0 26	3 55
T 8	9 29	12 45	3 11	16 2	1 17	8 32	0 7	1 27	0 56	0 48	1 7	22 59	0 19	20 59	0 36	22 16	0 54	15 53	16 56	4 39	4 21	1 0	0 25	3 54
W 9	9 51	6 1	2 0	16 36	1 23	8 13	0 12	1 43	0 56	0 44	1 7	22 59	0 19	20 58	0 36	22 16	0 54	15 53	16 56	4 39	4 19	1 3	0 24	3 54
T 10	10 13	1s10	0 40	17 10	1 29	7 54	0 17	1 59	0 56	0 39	1 7	22 59	0 19	20 58	0 36	22 16	0 54	15 53	16 56	4 40	4 18	1 6	0 23	3 54
F 11	10 35	8 21	0s43	17 42	1 35	7 34	0 22	2 14	0 55	0 34	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 56	4 40	4 17	1 10	0 22	3 54
S 12	10 56	15 2	2 3	18 13	1 41	7 14	0 27	2 30	0 55	0 29	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 56	4 39	4 16	1 13	0 21	3 54
S 13	11 18	20 46	3 14	18 44	1 47	6 54	0 32	2 46	0 55	0 24	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 55	4 39	4 14	1 17	0 20	3 53
M14	11 39	25 7	4 11	19 13	1 53	6 33	0 36	3 1	0 54	0 20	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 55	4 38	4 13	1 20	0 19	3 53
T 15	12 0	27 48	4 50	19 42	1 58	6 12	0 41	3 17	0 54	0 15	1 8	22 59	0 19	20 57	0 35	22 16	0 54	15 55	16 55	4 37	4 12	1 24	0 18	3 53
W16	12 21	28 40	5 11	20 10	2 3	5 50	0 45	3 33	0 54	0 10	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 55	4 36	4 11	1 27	0 17	3 53
T 17	12 41	27 50	5 15	20 36	2 8	5 28	0 50	3 48	0 53	0 5	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 55	4 35	4 9	1 31	0 16	3 53
F 18	13 2	25 31	5 2	21 1	2 13	5 6	0 54	4 4	0 53	0 1	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 54	4 34	4 8	1 34	0 15	3 52
S 19	13 22	22 3	4 36	21 26	2 17	4 44	0 58	4 19	0 53	0s 4	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 54	4 34	4 7	1 37	0 14	3 52
S 20	13 42	17 41	3 58	21 49	2 21	4 21	1 2	4 35	0 52	0 9	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 55	16 54	4 35	4 6	1 41	0 13	3 52
M21	14 1	12 43	3 9	22 11	2 25	3 58	1 6	4 50	0 52	0 13	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 56	16 54	4 35	4 4	1 44	0 12	3 52
T 22	14 21	7 21	2 13	22 32	2 29	3 35	1 10	5 6	0 52	0 18	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 56	16 54	4 36	4 3	1 48	0 11	3 51
W23	14 40	1 45	1 12	22 51	2 32	3 12	1 13	5 21	0 52	0 22	1 9	22 57	0 18	20 56	0 35	22 16	0 55	15 56	16 53	4 37	4 2	1 51	0 10	3 51
T 24	14 59	3n55	0 8	23 9	2 34	2 48	1 17	5 37	0 51	0 27	1 9	22 57	0 18	20 55	0 35	22 16	0 55	15 56	16 53	4 37	4 1	1 55	0 9	3 51
F 25	15 18	9 29	0n57	23 26	2 37	2 24	1 20	5 52	0 51	0 31	1 9	22 57	0 18	20 55	0 35	22 16	0 55	15 56	16 53	4 37	3 59	1 58	0 9	3 51
S 26	15 37	14 45	2 0	23 42	2 38	2 0	1 24	6 7	0 51	0 36	1 9	22 57	0 17	20 55	0 35	22 16	0 55	15 56	16 53	4 36	3 58	2 2	0 8	3 50
S 27	15 55	19 32	2 57	23 56	2 40	1 36	1 27	6 23	0 50	0 40	1 9	22 57	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 35	3 57	2 5	0 7	3 50
M28	16 13	23 33	3 48	24 8	2 40	1 12	1 30	6 38	0 50	0 45	1 10	22 56	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 33	3 56	2 8	0 6	3 50
T 29	16 31	26 33	4 28	24 19	2 40	0 47	1 33	6 53	0 49	0 49	1 10	22 56	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 30	3 54	2 12	0 5	3 50
W30	16 48	28 16	4 56	24 29	2 40	0 22	1 36	7 9	0 49	0 53	1 10	22 56	0 17	20 53	0 35	22 17	0 55	15 56	16 52	4 28	3 53	2 15	0 5	3 49
T 31	17s 6	28n30	5n10	24s36	2s39	0s 3	1n38	7s24	0n49	0s58	1n10	22s56	0n17	20s53	0s35	22n17	0s55	15s56	16s51	4n25	3n52	2n19	0n 4	3n49

Julian Day Number = 2297330.5, Delta T = 124.02 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'52, Lahiri = 17°57'53 Julian Calendar 1 Oct. 1577 == Greg. Calendar 11 Oct. 1577

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ASTRODIENST EPHEMERIS for the year 1577
geocentric

NOVEMBER 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 19 38	18♏29'58	19♋27	10♐52	5♎ 2	21♎29	5♎17	8♑49	29♑30	9°R 0	28°R40	11°R 5	9♈41	6♈36	21°R19	F 1
S 2	3 23 34	19°30'30	2♌47	11°43	6°12	22° 8	5°28	8°54	29°31	9♋ 0	28♓40	11♈ 2	9°37	6°42	21♓17	S 2
S 3	3 27 31	20°31'04	16°22	12°29	7°21	22°48	5°38	8°59	29°33	8°59	28°39	11°D 0	9°34	6°49	21°16	S 3
M 4	3 31 27	21°31'40	0♍13	13° 9	8°31	23°27	5°49	9° 5	29°35	8°58	28°38	11° 0	9°31	6°56	21°15	M 4
T 5	3 35 24	22°32'18	14°21	13°44	9°41	24° 7	6° 0	9°10	29°37	8°56	28°38	11° 2	9°28	7° 2	21°14	T 5
W 6	3 39 20	23°32'57	28°43	14°12	10°51	24°46	6°11	9°16	29°38	8°55	28°37	11° 3	9°25	7° 9	21°13	W 6
T 7	3 43 17	24°33'38	13♎19	14°32	12° 1	25°26	6°21	9°22	29°40	8°54	28°37	11°R 3	9°22	7°16	21°12	T 7
F 8	3 47 13	25°34'21	28° 4	14°44	13°11	26° 5	6°32	9°27	29°42	8°53	28°36	11° 2	9°18	7°22	21°11	F 8
S 9	3 51 10	26°35'05	12♏51	14°R47	14°21	26°45	6°42	9°33	29°44	8°52	28°35	10°59	9°15	7°29	21°11	S 9
S 10	3 55 7	27°35'51	27°33	14°41	15°32	27°24	6°53	9°39	29°46	8°51	28°35	10°53	9°12	7°36	21°10	S 10
M11	3 59 3	28°36'38	12♐ 3	14°23	16°43	28° 4	7° 3	9°45	29°48	8°50	28°34	10°46	9° 9	7°42	21° 9	M11
T 12	4 3 0	29°37'27	26°13	13°55	17°53	28°44	7°13	9°51	29°50	8°48	28°34	10°37	9° 6	7°49	21° 9	T 12
W13	4 6 56	0♐38'16	10♑ 0	13°17	19° 4	29°23	7°23	9°57	29°53	8°47	28°34	10°29	9° 3	7°56	21° 8	W13
T 14	4 10 53	1°39'07	23°20	12°27	20°15	0♏ 3	7°33	10° 3	29°55	8°46	28°33	10°22	8°59	8° 2	21° 8	T 14
F 15	4 14 49	2°39'58	6♒15	11°27	21°26	0°43	7°43	10° 9	29°57	8°45	28°33	10°16	8°56	8° 9	21° 7	F 15
S 16	4 18 46	3°40'51	18°47	10°18	22°38	1°22	7°53	10°15	29°59	8°43	28°32	10°13	8°53	8°16	21° 7	S 16
S 17	4 22 43	4°41'44	1♓ 0	9° 3	23°49	2° 2	8° 2	10°21	0♒ 2	8°42	28°32	10°D11	8°50	8°22	21° 6	S 17
M18	4 26 39	5°42'38	12°59	7°42	25° 0	2°42	8°12	10°27	0° 4	8°41	28°32	10°11	8°47	8°29	21° 6	M18
T 19	4 30 36	6°43'33	24°49	6°19	26°12	3°22	8°21	10°33	0° 6	8°39	28°31	10°12	8°43	8°35	21° 6	T 19
W20	4 34 32	7°44'28	6♈36	4°57	27°24	4° 1	8°31	10°40	0° 9	8°38	28°31	10°R13	8°40	8°42	21° 6	W20
T 21	4 38 29	8°45'24	18°25	3°38	28°35	4°41	8°40	10°46	0°11	8°37	28°31	10°13	8°37	8°49	21° 6	T 21
F 22	4 42 25	9°46'21	0♉20	2°25	29°47	5°21	8°49	10°52	0°14	8°35	28°30	10°11	8°34	8°55	21°D 6	F 22
S 23	4 46 22	10°47'19	12°25	1°20	0♏59	6° 1	8°58	10°59	0°16	8°34	28°30	10° 6	8°31	9° 2	21° 6	S 23
S 24	4 50 18	11°48'18	24°43	0°25	2°11	6°41	9° 7	11° 5	0°19	8°32	28°30	9°58	8°28	9° 9	21° 6	S 24
M25	4 54 15	12°49'18	7♊15	29♏40	3°23	7°21	9°16	11°12	0°21	8°31	28°30	9°49	8°24	9°15	21° 6	M25
T 26	4 58 12	13°50'18	20° 2	29° 7	4°36	8° 1	9°24	11°18	0°24	8°29	28°29	9°37	8°21	9°22	21° 6	T 26
W27	5 2 8	14°51'19	3♋ 3	28°45	5°48	8°40	9°33	11°25	0°27	8°28	28°29	9°25	8°18	9°29	21° 6	W27
T 28	5 6 5	15°52'22	16°18	28°33	7° 0	9°20	9°41	11°31	0°30	8°26	28°29	9°14	8°15	9°35	21° 7	T 28
F 29	5 10 1	16°53'25	29°43	28°D33	8°13	10° 0	9°50	11°38	0°32	8°25	28°29	9° 4	8°12	9°42	21° 7	F 29
S 30	5 13 58	17♐54'29	13♌18	28♏41	9♏25	10♏40	9♎58	11♑45	0♒35	8♋23	28♓29	8♈57	8♈ 9	9♈49	21♓ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s22	27n 9	5n 8	24s42	2s36	0s28	1n41	7s39	0n48	1s 2	1n10	22s55	0n17	20s53	0s35	22n17	0s55	15s56	16s51	4n24	3n51	2n22	0n 3	3n49
S 2	17 39	24 16	4 49	24 47	2 33	0 53	1 43	7 54	0 48	1 6	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 51	4 22	3 49	2 26	0 2	3 49
S 3	17 55	20 0	4 14	24 49	2 29	1 18	1 46	8 9	0 48	1 10	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 50	4 22	3 48	2 29	0 2	3 48
M 4	18 11	14 36	3 24	24 49	2 24	1 44	1 48	8 24	0 47	1 14	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 50	4 22	3 47	2 33	0 1	3 48
T 5	18 27	8 20	2 20	24 47	2 18	2 9	1 50	8 39	0 47	1 19	1 11	22 54	0 17	20 51	0 35	22 17	0 55	15 56	16 50	4 22	3 46	2 36	0 1	3 48
W 6	18 42	1 31	1 6	24 44	2 11	2 35	1 52	8 54	0 47	1 23	1 11	22 54	0 16	20 51	0 35	22 17	0 55	15 56	16 50	4 23	3 44	2 39	0s 0	3 48
T 7	18 57	5s28	0s12	24 37	2 2	3 1	1 54	9 8	0 46	1 27	1 11	22 54	0 16	20 50	0 35	22 17	0 55	15 56	16 49	4 23	3 43	2 43	0 1	3 47
F 8	19 12	12 13	1 31	24 29	1 52	3 26	1 56	9 23	0 46	1 31	1 11	22 53	0 16	20 50	0 35	22 17	0 55	15 56	16 49	4 23	3 42	2 46	0 1	3 47
S 9	19 26	18 19	2 43	24 18	1 41	3 52	1 57	9 38	0 45	1 35	1 11	22 53	0 16	20 49	0 35	22 17	0 55	15 56	16 49	4 21	3 41	2 50	0 2	3 47
S 10	19 40	23 18	3 44	24 4	1 28	4 18	1 59	9 53	0 45	1 39	1 11	22 53	0 16	20 49	0 35	22 17	0 55	15 56	16 48	4 19	3 39	2 53	0 2	3 47
M11	19 54	26 45	4 30	23 48	1 13	4 44	2 0	10 7	0 45	1 43	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 48	4 16	3 38	2 57	0 3	3 46
T 12	20 7	28 24	4 58	23 29	0 57	5 9	2 2	10 22	0 44	1 46	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 48	4 13	3 37	3 0	0 3	3 46
W13	20 20	28 13	5 7	23 6	0 40	5 35	2 3	10 36	0 44	1 50	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 47	4 10	3 36	3 4	0 4	3 46
T 14	20 32	26 23	5 0	22 42	0 21	6 1	2 4	10 50	0 43	1 54	1 12	22 51	0 16	20 47	0 35	22 18	0 55	15 56	16 47	4 7	3 34	3 7	0 4	3 45
F 15	20 45	23 13	4 37	22 14	0 2	6 27	2 5	11 5	0 43	1 58	1 12	22 51	0 16	20 47	0 35	22 18	0 55	15 56	16 47	4 5	3 33	3 10	0 5	3 45
S 16	20 56	19 2	4 1	21 45	0n18	6 52	2 6	11 19	0 42	2 1	1 12	22 51	0 16	20 46	0 35	22 18	0 55	15 56	16 46	4 3	3 32	3 14	0 5	3 45
S 17	21 8	14 11	3 15	21 13	0 39	7 18	2 7	11 33	0 42	2 5	1 13	22 50	0 15	20 46	0 35	22 18	0 55	15 55	16 46	4 3	3 31	3 17	0 6	3 45
M18	21 19	8 52	2 21	20 40	0 59	7 44	2 7	11 47	0 42	2 9	1 13	22 50	0 15	20 45	0 35	22 18	0 55	15 55	16 46	4 3	3 29	3 21	0 6	3 44
T 19	21 29	3 19	1 22	20 7	1 19	8 9	2 8	12 1	0 41	2 12	1 13	22 49	0 15	20 44	0 35	22 18	0 55	15 55	16 45	4 3	3 28	3 24	0 6	3 44
W20	21 39	2n20	0 19	19 35	1 37	8 34	2 9	12 15	0 41	2 16	1 13	22 49	0 15	20 44	0 35	22 18	0 55	15 55	16 45	4 3	3 27	3 28	0 7	3 44
T 21	21 49	7 55	0n44	19 4	1 54	8 59	2 9	12 29	0 40	2 19	1 13	22 48	0 15	20 43	0 35	22 18	0 55	15 55	16 45	4 3	3 26	3 31	0 7	3 44
F 22	21 58	13 16	1 46	18 36	2 8	9 25	2 9	12 43	0 40	2 23	1 14	22 48	0 15	20 43	0 35	22 18	0 55	15 54	16 44	4 2	3 24	3 34	0 7	3 43
S 23	22 7	18 11	2 43	18 11	2 21	9 50	2 9	12 56	0 39	2 26	1 14	22 48	0 15	20 42	0 35	22 18	0 55	15 54	16 44	4 0	3 23	3 38	0 7	3 43
S 24	22 15	22 27	3 34	17 50	2 31	10 14	2 9	13 10	0 39	2 29	1 14	22 47	0 15	20 42	0 35	22 18	0 55	15 54	16 44	3 58	3 22	3 41	0 8	3 43
M25	22 23	25 47	4 16	17 33	2 39	10 39	2 9	13 23	0 38	2 33	1 14	22 47	0 15	20 41	0 35	22 18	0 55	15 54	16 43	3 54	3 20	3 45	0 8	3 42
T 26	22 31	27 52	4 45	17 20	2 44	11 3	2 9	13 37	0 38	2 36	1 14	22 46	0 15	20 41	0 35	22 19	0 55	15 54	16 43	3 49	3 19	3 48	0 8	3 42
W27	22 38	28 28	5 1	17 12	2 48	11 28	2 9	13 50	0 38	2 39	1 14	22 46	0 15	20 40	0 35	22 19	0 55	15 53	16 43	3 44	3 18	3 52	0 8	3 42
T 28	22 45	27 28	5 0	17 7	2 50	11 52	2 9	14 3	0 37	2 42	1 15	22 45	0 15	20 39	0 35	22 19	0 55	15 53	16 42	3 40	3 17	3 55	0 8	3 42
F 29	22 51	24 52	4 43	17 7	2 50	12 15	2 8	14 16	0 37	2 45	1 15	22 45	0 14	20 39	0 35	22 19	0 55	15 53	16 42	3 36	3 15	3 59	0 8	3 41
S 30	22s57	20n52	4n10	17s10	2n49	12s39	2n 8	14s29	0n36	2s48	1n15	22s44	0n14	20s38	0s35	22n19	0s55	15s52	16s42	3n33	3n14	4n 2	0s 8	3n41

Julian Day Number = 2297361.5, Delta T = 123.87 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'57, Lahiri = 17°57'57 Julian Calendar 1 Nov. 1577 == Greg. Calendar 11 Nov. 1577

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1577
geocentric

DECEMBER 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 17 54	18♐55'33	27♌ 2	28♏59	10♏38	11♏20	10♎ 6	11♑51	0♒38	8°R21	28°R29	8°R52	8♈ 5	9♈55	21♓ 8	S 1
M 2	5 21 51	19°56'39	10♍54	29°26	11°51	12° 0	10°14	11°58	0°41	8♋20	28♓29	8♈50	8° 2	10° 2	21° 8	M 2
T 3	5 25 47	20°57'45	24°54	29°59	13° 4	12°41	10°22	12° 5	0°44	8°18	28°D29	8°D50	7°59	10° 8	21° 9	T 3
W 4	5 29 44	21°58'53	9♎ 1	0♐39	14°17	13°21	10°29	12°12	0°46	8°17	28°29	8°R50	7°56	10°15	21°10	W 4
T 5	5 33 41	23° 0'01	23°15	1°25	15°29	14° 1	10°37	12°18	0°49	8°15	28°29	8°49	7°53	10°22	21°10	T 5
F 6	5 37 37	24° 1'10	7♏33	2°16	16°42	14°41	10°44	12°25	0°52	8°13	28°29	8°47	7°49	10°28	21°11	F 6
S 7	5 41 34	25° 2'19	21°53	3°11	17°56	15°21	10°52	12°32	0°55	8°12	28°29	8°41	7°46	10°35	21°12	S 7
S 8	5 45 30	26° 3'30	6♐11	4°11	19° 9	16° 1	10°59	12°39	0°58	8°10	28°29	8°32	7°43	10°42	21°13	S 8
M 9	5 49 27	27° 4'40	20°20	5°14	20°22	16°41	11° 6	12°46	1° 1	8° 8	28°29	8°21	7°40	10°48	21°14	M 9
T 10	5 53 23	28° 5'52	4♑15	6°20	21°35	17°22	11°13	12°53	1° 4	8° 7	28°29	8° 8	7°37	10°55	21°15	T 10
W11	5 57 20	29° 7'03	17°52	7°29	22°48	18° 2	11°19	13° 0	1° 8	8° 5	28°30	7°55	7°34	11° 2	21°16	W11
T 12	6 1 17	0♑ 8'15	1♒ 8	8°40	24° 2	18°42	11°26	13° 7	1°11	8° 3	28°30	7°44	7°30	11° 8	21°17	T 12
F 13	6 5 13	1° 9'26	14° 2	9°54	25°15	19°22	11°32	13°14	1°14	8° 2	28°30	7°34	7°27	11°15	21°18	F 13
S 14	6 9 10	2°10'38	26°35	11° 9	26°28	20° 3	11°39	13°21	1°17	8° 0	28°30	7°27	7°24	11°22	21°19	S 14
S 15	6 13 6	3°11'49	8♓49	12°26	27°42	20°43	11°45	13°28	1°20	7°58	28°31	7°22	7°21	11°28	21°20	S 15
M16	6 17 3	4°13'00	20°49	13°45	28°55	21°23	11°51	13°35	1°23	7°57	28°31	7°20	7°18	11°35	21°22	M16
T 17	6 20 59	5°14'11	2♈40	15° 5	0♐ 9	22° 3	11°56	13°42	1°27	7°55	28°31	7°20	7°15	11°42	21°23	T 17
W18	6 24 56	6°15'22	14°27	16°26	1°23	22°44	12° 2	13°49	1°30	7°53	28°32	7°20	7°11	11°48	21°25	W18
T 19	6 28 52	7°16'32	26°16	17°48	2°36	23°24	12° 8	13°56	1°33	7°52	28°32	7°19	7° 8	11°55	21°26	T 19
F 20	6 32 49	8°17'42	8♉13	19°11	3°50	24° 5	12°13	14° 3	1°36	7°50	28°32	7°16	7° 5	12° 1	21°28	F 20
S 21	6 36 46	9°18'52	20°23	20°36	5° 4	24°45	12°18	14°10	1°40	7°48	28°33	7°11	7° 2	12° 8	21°29	S 21
S 22	6 40 42	10°20'01	2♊48	22° 1	6°17	25°25	12°23	14°17	1°43	7°47	28°33	7° 3	6°59	12°15	21°31	S 22
M23	6 44 39	11°21'11	15°32	23°26	7°31	26° 6	12°28	14°24	1°46	7°45	28°34	6°52	6°55	12°21	21°32	M23
T 24	6 48 35	12°22'20	28°36	24°53	8°45	26°46	12°33	14°31	1°50	7°43	28°34	6°39	6°52	12°28	21°34	T 24
W25	6 52 32	13°23'28	11♋59	26°20	9°59	27°27	12°37	14°38	1°53	7°41	28°35	6°26	6°49	12°35	21°36	W25
T 26	6 56 28	14°24'36	25°38	27°48	11°13	28° 7	12°41	14°45	1°56	7°40	28°35	6°13	6°46	12°41	21°38	T 26
F 27	7 0 25	15°25'44	9♌30	29°16	12°26	28°48	12°46	14°52	2° 0	7°38	28°36	6° 2	6°43	12°48	21°40	F 27
S 28	7 4 21	16°26'52	23°31	0♑45	13°40	29°28	12°50	14°59	2° 3	7°36	28°36	5°54	6°40	12°55	21°42	S 28
S 29	7 8 18	17°27'59	7♍37	2°14	14°54	0♐ 9	12°53	15° 6	2° 7	7°35	28°37	5°48	6°36	13° 1	21°44	S 29
M30	7 12 15	18°29'06	21°45	3°45	16° 8	0°50	12°57	15°14	2°10	7°33	28°37	5°46	6°33	13° 8	21°46	M30
T 31	7 16 11	19♑30'13	5♎53	5♑15	17♐22	1♐30	13♎ 1	15♑21	2♒14	7♋31	28♓38	5°D45	6♈30	13♈15	21♓48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	15n42	3n23	17s17	2n46	13s 2	2n 7	14s42	0n36	2s51	1n15	22s44	0n14	20s38	0s35	22n19	0s55	15s52	16s41	3n31	3n13	4n 5	0s 9	3n41
M 2	23 7	9 41	2 23	17 26	2 42	13 25	2 6	14 55	0 35	2 54	1 16	22 43	0 14	20 37	0 35	22 19	0 55	15 52	16 41	3 31	3 12	4 9	0 9	3 41
T 3	23 11	3 9	1 13	17 37	2 38	13 48	2 5	15 8	0 35	2 57	1 16	22 43	0 14	20 36	0 34	22 19	0 55	15 52	16 40	3 31	3 10	4 12	0 9	3 40
W 4	23 15	3s36	0s 1	17 51	2 33	14 11	2 5	15 20	0 34	3 0	1 16	22 42	0 14	20 36	0 34	22 19	0 55	15 51	16 40	3 31	3 9	4 16	0 9	3 40
T 5	23 19	10 14	1 16	18 6	2 27	14 33	2 4	15 33	0 34	3 3	1 16	22 42	0 14	20 35	0 34	22 19	0 55	15 51	16 40	3 30	3 8	4 19	0 9	3 40
F 6	23 22	16 22	2 26	18 22	2 20	14 55	2 2	15 45	0 33	3 5	1 16	22 41	0 14	20 34	0 34	22 20	0 55	15 50	16 39	3 29	3 7	4 23	0 9	3 39
S 7	23 24	21 37	3 27	18 40	2 13	15 16	2 1	15 57	0 33	3 8	1 17	22 41	0 14	20 34	0 34	22 20	0 55	15 50	16 39	3 27	3 5	4 26	0 8	3 39
S 8	23 26	25 34	4 15	18 58	2 6	15 37	2 0	16 10	0 32	3 11	1 17	22 40	0 14	20 33	0 34	22 20	0 55	15 50	16 39	3 24	3 4	4 29	0 8	3 39
M 9	23 28	27 54	4 46	19 17	1 58	15 58	1 59	16 22	0 32	3 13	1 17	22 39	0 14	20 32	0 34	22 20	0 55	15 49	16 38	3 19	3 3	4 33	0 8	3 39
T 10	23 29	28 25	5 0	19 36	1 50	16 19	1 57	16 34	0 31	3 16	1 17	22 39	0 14	20 32	0 34	22 20	0 55	15 49	16 38	3 14	3 2	4 36	0 8	3 38
W11	23 30	27 11	4 56	19 56	1 42	16 39	1 56	16 45	0 30	3 18	1 17	22 38	0 13	20 31	0 34	22 20	0 55	15 49	16 38	3 9	3 0	4 40	0 8	3 38
T 12	23 30	24 26	4 36	20 15	1 34	16 59	1 54	16 57	0 30	3 20	1 18	22 38	0 13	20 30	0 34	22 20	0 55	15 48	16 37	3 4	2 59	4 43	0 8	3 38
F 13	23 29	20 31	4 3	20 34	1 26	17 18	1 53	17 9	0 29	3 23	1 18	22 37	0 13	20 30	0 34	22 20	0 55	15 48	16 37	3 0	2 58	4 46	0 8	3 38
S 14	23 29	15 47	3 18	20 53	1 18	17 37	1 51	17 20	0 29	3 25	1 18	22 36	0 13	20 29	0 34	22 20	0 55	15 47	16 37	2 58	2 57	4 50	0 7	3 37
S 15	23 27	10 31	2 25	21 12	1 9	17 55	1 49	17 31	0 28	3 27	1 18	22 36	0 13	20 28	0 34	22 20	0 55	15 47	16 36	2 56	2 55	4 53	0 7	3 37
M16	23 26	4 58	1 26	21 30	1 1	18 13	1 48	17 42	0 28	3 29	1 19	22 35	0 13	20 27	0 34	22 21	0 55	15 46	16 36	2 55	2 54	4 57	0 7	3 37
T 17	23 24	0n41	0 25	21 47	0 53	18 30	1 46	17 53	0 27	3 31	1 19	22 34	0 13	20 27	0 34	22 21	0 55	15 46	16 35	2 55	2 53	5 0	0 7	3 36
W18	23 21	6 17	0n38	22 4	0 45	18 47	1 44	18 4	0 27	3 33	1 19	22 34	0 13	20 26	0 34	22 21	0 55	15 46	16 35	2 55	2 52	5 4	0 6	3 36
T 19	23 18	11 42	1 39	22 20	0 37	19 4	1 42	18 15	0 26	3 35	1 19	22 33	0 13	20 25	0 34	22 21	0 55	15 45	16 35	2 55	2 50	5 7	0 6	3 36
F 20	23 14	16 44	2 36	22 35	0 29	19 20	1 40	18 26	0 25	3 37	1 20	22 32	0 13	20 24	0 34	22 21	0 55	15 45	16 34	2 54	2 49	5 10	0 5	3 36
S 21	23 10	21 12	3 27	22 49	0 21	19 36	1 38	18 36	0 25	3 39	1 20	22 32	0 13	20 24	0 34	22 21	0 55	15 44	16 34	2 51	2 48	5 14	0 5	3 35
S 22	23 6	24 50	4 9	23 3	0 13	19 51	1 35	18 46	0 24	3 41	1 20	22 31	0 13	20 23	0 34	22 21	0 55	15 44	16 34	2 48	2 47	5 17	0 5	3 35
M23	23 1	27 21	4 40	23 15	0 5	20 5	1 33	18 57	0 24	3 42	1 20	22 30	0 13	20 22	0 34	22 21	0 55	15 43	16 33	2 44	2 45	5 21	0 4	3 35
T 24	22 55	28 27	4 57	23 26	0s 3	20 19	1 31	19 7	0 23	3 44	1 21	22 30	0 13	20 21	0 34	22 21	0 55	15 43	16 33	2 39	2 44	5 24	0 4	3 35
W25	22 49	27 55	4 59	23 37	0 10	20 32	1 29	19 16	0 22	3 45	1 21	22 29	0 12	20 21	0 34	22 22	0 55	15 42	16 33	2 34	2 43	5 27	0 3	3 34
T 26	22 43	25 42	4 43	23 46	0 17	20 45	1 26	19 26	0 22	3 47	1 21	22 28	0 12	20 20	0 34	22 22	0 55	15 42	16 32	2 29	2 42	5 31	0 3	3 34
F 27	22 36	21 57	4 11	23 54	0 24	20 57	1 24	19 36	0 21	3 48	1 21	22 28	0 12	20 19	0 34	22 22	0 55	15 41	16 32	2 24	2 40	5 34	0 2	3 34
S 28	22 29	16 55	3 23	24 1	0 31	21 9	1 21	19 45	0 20	3 50	1 22	22 27	0 12	20 18	0 34	22 22	0 55	15 41	16 32	2 21	2 39	5 38	0 2	3 34
S 29	22 21	10 56	2 23	24 7	0 38	21 20	1 19	19 55	0 20	3 51	1 22	22 26	0 12	20 18	0 34	22 22	0 55	15 40	16 31	2 19	2 38	5 41	0 1	3 33
M30	22 13	4 24	1 13	24 11	0 45	21 30	1 16	20 4	0 19	3 52	1 22	22 25	0 12	20 17	0 34	22 22	0 55	15 39	16 31	2 18	2 36	5 44	0 1	3 33
T 31	22s 4	2s21	0s 1	24s15	0s51	21s40	1n14	20s13	0n18	3s53	1n22	22s25	0n12	20s16	0s34	22n22	0s55	15s39	16s31	2n17	2n35	5n48	0s 0	3n33

Julian Day Number = 2297391.5, Delta T = 123.72 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'01, Lahiri = 17°58'01 Julian Calendar 1 Dec. 1577 == Greg. Calendar 11 Dec. 1577

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

JANUARY 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 20 8	20♉31'20	19♎58	6♉47	18♐36	2♐11	13♎ 4	15♉28	2♒17	7°R30	28♓39	5°R45	6♈27	13♈21	21♓50	W 1
T 2	7 24 4	21°32'27	4♏ 1	8°18	19°50	2°51	13° 7	15°35	2°20	7♋28	28°39	5♈45	6°24	13°28	21°52	T 2
F 3	7 28 1	22°33'33	18° 1	9°51	21° 5	3°32	13°10	15°42	2°24	7°26	28°40	5°42	6°21	13°35	21°54	F 3
S 4	7 31 57	23°34'39	1♐57	11°24	22°19	4°13	13°13	15°49	2°27	7°25	28°41	5°37	6°17	13°41	21°57	S 4
S 5	7 35 54	24°35'44	15°47	12°57	23°33	4°54	13°15	15°56	2°31	7°23	28°42	5°29	6°14	13°48	21°59	S 5
M 6	7 39 50	25°36'50	29°28	14°31	24°47	5°34	13°18	16° 3	2°34	7°22	28°42	5°19	6°11	13°54	22° 1	M 6
T 7	7 43 47	26°37'54	12♑59	16° 6	26° 1	6°15	13°20	16°10	2°38	7°20	28°43	5° 7	6° 8	14° 1	22° 4	T 7
W 8	7 47 44	27°38'58	26°15	17°41	27°15	6°56	13°22	16°17	2°41	7°18	28°44	4°55	6° 5	14° 8	22° 6	W 8
T 9	7 51 40	28°40'01	9♒15	19°17	28°30	7°37	13°24	16°24	2°45	7°17	28°45	4°43	6° 1	14°14	22° 9	T 9
F 10	7 55 37	29°41'03	21°59	20°53	29°44	8°17	13°25	16°31	2°48	7°15	28°46	4°34	5°58	14°21	22°11	F 10
S 11	7 59 33	0♒42'04	4♓25	22°30	0♑58	8°58	13°27	16°38	2°52	7°14	28°47	4°27	5°55	14°28	22°14	S 11
S 12	8 3 30	1°43'04	16°36	24° 8	2°12	9°39	13°28	16°45	2°55	7°12	28°47	4°23	5°52	14°34	22°16	S 12
M13	8 7 26	2°44'02	28°35	25°46	3°26	10°20	13°29	16°52	2°59	7°11	28°48	4°21	5°49	14°41	22°19	M13
T 14	8 11 23	3°45'00	10♈26	27°25	4°41	11° 1	13°30	16°59	3° 2	7° 9	28°49	4°D21	5°46	14°48	22°22	T 14
W15	8 15 19	4°45'56	22°13	29° 5	5°55	11°42	13°31	17° 5	3° 6	7° 8	28°50	4°22	5°42	14°54	22°24	W15
T 16	8 19 16	5°46'51	4♉ 2	0♒45	7° 9	12°22	13°31	17°12	3° 9	7° 6	28°51	4°R22	5°39	15° 1	22°27	T 16
F 17	8 23 13	6°47'45	15°59	2°26	8°24	13° 3	13°32	17°19	3°13	7° 5	28°52	4°22	5°36	15° 8	22°30	F 17
S 18	8 27 9	7°48'37	28° 8	4° 8	9°38	13°44	13°R32	17°26	3°16	7° 3	28°53	4°20	5°33	15°14	22°33	S 18
S 19	8 31 6	8°49'28	10♊35	5°51	10°52	14°25	13°32	17°33	3°20	7° 2	28°54	4°15	5°30	15°21	22°36	S 19
M20	8 35 2	9°50'18	23°23	7°34	12° 7	15° 6	13°31	17°39	3°23	7° 1	28°55	4° 8	5°27	15°28	22°39	M20
T 21	8 38 59	10°51'06	6♋34	9°18	13°21	15°47	13°31	17°46	3°27	6°59	28°56	4° 0	5°23	15°34	22°42	T 21
W22	8 42 55	11°51'52	20°10	11° 3	14°35	16°28	13°30	17°53	3°30	6°58	28°57	3°51	5°20	15°41	22°45	W22
T 23	8 46 52	12°52'38	4♌ 7	12°48	15°50	17° 9	13°30	18° 0	3°34	6°57	28°58	3°42	5°17	15°47	22°48	T 23
F 24	8 50 49	13°53'22	18°23	14°34	17° 4	17°50	13°29	18° 6	3°37	6°55	28°59	3°34	5°14	15°54	22°51	F 24
S 25	8 54 45	14°54'04	2♍51	16°22	18°18	18°31	13°27	18°13	3°41	6°54	29° 1	3°28	5°11	16° 1	22°54	S 25
S 26	8 58 42	15°54'45	17°25	18° 9	19°33	19°12	13°26	18°19	3°44	6°53	29° 2	3°25	5° 7	16° 7	22°57	S 26
M27	9 2 38	16°55'25	1♎59	19°58	20°47	19°53	13°24	18°26	3°48	6°52	29° 3	3°D24	5° 4	16°14	23° 0	M27
T 28	9 6 35	17°56'04	16°27	21°47	22° 1	20°35	13°23	18°32	3°51	6°50	29° 4	3°24	5° 1	16°21	23° 3	T 28
W29	9 10 31	18°56'42	0♏46	23°36	23°16	21°16	13°21	18°39	3°55	6°49	29° 5	3°26	4°58	16°27	23° 6	W29
T 30	9 14 28	19°57'19	14°54	25°27	24°30	21°57	13°19	18°45	3°58	6°48	29° 6	3°R27	4°55	16°34	23° 9	T 30
F 31	9 18 24	20♒57'54	28♏50	27♒17	25♑45	22♐38	13♎16	18♑52	4♒ 1	6♋47	29♓ 8	3♈26	4♈52	16♈41	23♓13	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s56	8s59	1s15	24s17	0s57	21s49	1n11	20s21	0n18	3s54	1n23	22s24	0n12	20s15	0s34	22n22	0s55	15s38	16s30	2n17	2n34	5n51	0n 1	3n33
T 2	21 46	15 9	2 24	24 17	1 3	21 58	1 9	20 30	0 17	3 55	1 23	22 23	0 12	20 14	0 34	22 22	0 55	15 38	16 30	2 17	2 33	5 55	0 1	3 32
F 3	21 36	20 30	3 24	24 17	1 9	22 6	1 6	20 38	0 16	3 56	1 23	22 23	0 12	20 14	0 34	22 23	0 55	15 37	16 30	2 16	2 31	5 58	0 2	3 32
S 4	21 26	24 43	4 12	24 15	1 15	22 13	1 3	20 47	0 16	3 57	1 23	22 22	0 12	20 13	0 34	22 23	0 55	15 37	16 29	2 14	2 30	6 1	0 3	3 32
S 5	21 15	27 27	4 44	24 11	1 20	22 20	1 0	20 55	0 15	3 58	1 24	22 21	0 12	20 12	0 34	22 23	0 55	15 36	16 29	2 11	2 29	6 5	0 3	3 32
M 6	21 4	28 30	5 0	24 7	1 25	22 26	0 58	21 3	0 14	3 58	1 24	22 20	0 12	20 11	0 34	22 23	0 55	15 35	16 29	2 7	2 28	6 8	0 4	3 32
T 7	20 53	27 49	4 59	24 0	1 30	22 31	0 55	21 11	0 14	3 59	1 24	22 19	0 12	20 11	0 34	22 23	0 55	15 35	16 28	2 2	2 26	6 12	0 5	3 31
W 8	20 41	25 33	4 42	23 53	1 34	22 36	0 52	21 18	0 13	3 59	1 24	22 19	0 11	20 10	0 34	22 23	0 55	15 34	16 28	1 57	2 25	6 15	0 5	3 31
T 9	20 29	21 59	4 10	23 44	1 39	22 40	0 49	21 26	0 12	4 0	1 25	22 18	0 11	20 9	0 34	22 23	0 55	15 34	16 28	1 53	2 24	6 18	0 6	3 31
F 10	20 16	17 27	3 26	23 33	1 42	22 43	0 47	21 33	0 12	4 0	1 25	22 17	0 11	20 8	0 34	22 23	0 55	15 33	16 27	1 49	2 23	6 22	0 7	3 31
S 11	20 3	12 17	2 33	23 22	1 46	22 46	0 44	21 40	0 11	4 1	1 25	22 16	0 11	20 7	0 34	22 23	0 55	15 32	16 27	1 46	2 21	6 25	0 8	3 30
S 12	19 50	6 44	1 33	23 8	1 50	22 48	0 41	21 47	0 10	4 1	1 26	22 16	0 11	20 7	0 34	22 24	0 55	15 32	16 27	1 45	2 20	6 29	0 9	3 30
M13	19 36	1 2	0 31	22 53	1 53	22 49	0 38	21 54	0 9	4 1	1 26	22 15	0 11	20 6	0 34	22 24	0 55	15 31	16 27	1 44	2 19	6 32	0 10	3 30
T 14	19 22	4n38	0n33	22 37	1 55	22 50	0 35	22 0	0 9	4 1	1 26	22 14	0 11	20 5	0 34	22 24	0 54	15 30	16 26	1 44	2 18	6 35	0 10	3 30
W15	19 7	10 8	1 34	22 19	1 58	22 50	0 32	22 7	0 8	4 1	1 26	22 13	0 11	20 4	0 34	22 24	0 54	15 30	16 26	1 44	2 16	6 39	0 11	3 30
T 16	18 52	15 17	2 32	21 59	2 0	22 49	0 29	22 13	0 7	4 1	1 27	22 12	0 11	20 3	0 34	22 24	0 54	15 29	16 26	1 45	2 15	6 42	0 12	3 29
F 17	18 37	19 55	3 24	21 38	2 2	22 47	0 26	22 19	0 6	4 1	1 27	22 12	0 11	20 2	0 34	22 24	0 54	15 29	16 25	1 44	2 14	6 46	0 13	3 29
S 18	18 22	23 49	4 8	21 15	2 3	22 45	0 24	22 25	0 6	4 1	1 27	22 11	0 11	20 2	0 34	22 24	0 54	15 28	16 25	1 43	2 13	6 49	0 14	3 29
S 19	18 6	26 43	4 41	20 51	2 4	22 42	0 21	22 30	0 5	4 1	1 27	22 10	0 11	20 1	0 34	22 24	0 54	15 27	16 25	1 42	2 11	6 52	0 15	3 29
M20	17 50	28 20	5 1	20 26	2 4	22 39	0 18	22 36	0 4	4 0	1 28	22 9	0 11	20 0	0 34	22 24	0 54	15 27	16 25	1 39	2 10	6 56	0 16	3 29
T 21	17 33	28 26	5 6	19 58	2 4	22 35	0 15	22 41	0 3	4 0	1 28	22 8	0 11	19 59	0 34	22 24	0 54	15 26	16 24	1 36	2 9	6 59	0 17	3 28
W22	17 16	26 49	4 54	19 29	2 4	22 30	0 12	22 46	0 2	3 59	1 28	22 7	0 11	19 58	0 34	22 25	0 54	15 25	16 24	1 32	2 7	7 2	0 18	3 28
T 23	16 59	23 33	4 25	18 59	2 3	22 24	0 9	22 51	0 2	3 59	1 28	22 7	0 10	19 58	0 34	22 25	0 54	15 25	16 24	1 28	2 6	7 6	0 19	3 28
F 24	16 42	18 49	3 38	18 27	2 2	22 18	0 6	22 55	0 1	3 58	1 29	22 6	0 10	19 57	0 34	22 25	0 54	15 24	16 24	1 25	2 5	7 9	0 20	3 28
S 25	16 24	12 55	2 37	17 53	2 0	22 11	0 4	23 0	0 0	3 57	1 29	22 5	0 10	19 56	0 34	22 25	0 54	15 23	16 23	1 23	2 4	7 13	0 21	3 28
S 26	16 6	6 18	1 25	17 18	1 58	22 3	0 1	23 4	0s 1	3 57	1 29	22 4	0 10	19 55	0 34	22 25	0 54	15 23	16 23	1 22	2 2	7 16	0 22	3 27
M27	15 48	0s40	0 8	16 41	1 55	21 55	0s 2	23 8	0 2	3 56	1 29	22 3	0 10	19 54	0 34	22 25	0 54	15 22	16 23	1 21	2 1	7 19	0 23	3 27
T 28	15 30	7 34	1s10	16 3	1 52	21 46	0 5	23 12	0 2	3 55	1 30	22 3	0 10	19 54	0 34	22 25	0 54	15 21	16 23	1 21	2 0	7 23	0 24	3 27
W29	15 11	14 0	2 23	15 23	1 48	21 37	0 8	23 16	0 3	3 54	1 30	22 2	0 10	19 53	0 34	22 25	0 54	15 21	16 22	1 22	1 59	7 26	0 25	3 27
T 30	14 52	19 37	3 26	14 42	1 44	21 26	0 10	23 19	0 4	3 53	1 30	22 1	0 10	19 52	0 34	22 25	0 54	15 20	16 22	1 22	1 57	7 29	0 26	3 27
F 31	14s33	24s 6	4s15	13s59	1s39	21s16	0s13	23s23	0s 5	3s52	1n30	22s 0	0n10	19s51	0s34	22n25	0s54	15s19	16s22	1n22	1n56	7n33	0n28	3n27

Julian Day Number = 2297422.5, Delta T = 123.57 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'05, Lahiri = 17°58'05 Julian Calendar 1 Jan. 1578 == Greg. Calendar 11 Jan. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

FEBRUARY 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 22 21	21♒58'28	12♐33	29♒ 8	26♑59	23♐19	13°R14	18♑58	4♒ 5	6°R46	29♓ 9	3°R24	4♈48	16♈47	23♓16	S 1
S 2	9 26 18	22°59'01	26° 4	1♓ 0	28°13	24° 0	13♎11	19° 4	4° 8	6♋45	29°10	3♈21	4°45	16°54	23°19	S 2
M 3	9 30 14	23°59'33	9♑22	2°51	29°28	24°42	13° 8	19°10	4°12	6°44	29°11	3°15	4°42	17° 1	23°23	M 3
T 4	9 34 11	25° 0'04	22°27	4°42	0♒42	25°23	13° 5	19°17	4°15	6°43	29°13	3° 9	4°39	17° 7	23°26	T 4
W 5	9 38 7	26° 0'32	5♒19	6°33	1°57	26° 4	13° 2	19°23	4°18	6°42	29°14	3° 2	4°36	17°14	23°29	W 5
T 6	9 42 4	27° 1'00	17°59	8°23	3°11	26°45	12°59	19°29	4°22	6°41	29°15	2°55	4°33	17°21	23°33	T 6
F 7	9 46 0	28° 1'25	0♓25	10°13	4°25	27°26	12°55	19°35	4°25	6°40	29°16	2°50	4°29	17°27	23°36	F 7
S 8	9 49 57	29° 1'49	12°40	12° 1	5°40	28° 8	12°51	19°41	4°28	6°39	29°18	2°46	4°26	17°34	23°40	S 8
S 9	9 53 53	0♓ 2'11	24°44	13°47	6°54	28°49	12°47	19°47	4°31	6°38	29°19	2°44	4°23	17°40	23°43	S 9
M10	9 57 50	1° 2'31	6♈39	15°32	8° 9	29°30	12°43	19°53	4°35	6°37	29°20	2°D44	4°20	17°47	23°47	M10
T 11	10 1 46	2° 2'50	18°28	17°13	9°23	0♑12	12°39	19°59	4°38	6°36	29°22	2°45	4°17	17°54	23°50	T 11
W12	10 5 43	3° 3'06	0♉15	18°52	10°37	0°53	12°35	20° 5	4°41	6°36	29°23	2°47	4°13	18° 0	23°54	W12
T 13	10 9 40	4° 3'20	12° 4	20°28	11°52	1°34	12°30	20°10	4°44	6°35	29°24	2°49	4°10	18° 7	23°57	T 13
F 14	10 13 36	5° 3'33	23°59	21°59	13° 6	2°16	12°25	20°16	4°47	6°34	29°26	2°50	4° 7	18°14	24° 1	F 14
S 15	10 17 33	6° 3'43	6♊ 7	23°25	14°21	2°57	12°20	20°22	4°51	6°33	29°27	2°R51	4° 4	18°20	24° 4	S 15
S 16	10 21 29	7° 3'51	18°31	24°47	15°35	3°38	12°15	20°27	4°54	6°33	29°28	2°50	4° 1	18°27	24° 8	S 16
M17	10 25 26	8° 3'57	1♋16	26° 2	16°49	4°20	12°10	20°33	4°57	6°32	29°30	2°48	3°58	18°34	24°11	M17
T 18	10 29 22	9° 4'02	14°25	27°11	18° 4	5° 1	12° 5	20°38	5° 0	6°31	29°31	2°46	3°54	18°40	24°15	T 18
W19	10 33 19	10° 4'03	28° 1	28°13	19°18	5°42	11°59	20°44	5° 3	6°31	29°33	2°42	3°51	18°47	24°19	W19
T 20	10 37 16	11° 4'03	12♌ 3	29° 7	20°33	6°24	11°54	20°49	5° 6	6°30	29°34	2°39	3°48	18°54	24°22	T 20
F 21	10 41 12	12° 4'01	26°30	29°54	21°47	7° 5	11°48	20°55	5° 9	6°30	29°35	2°36	3°45	19° 0	24°26	F 21
S 22	10 45 9	13° 3'56	11♍14	0♈32	23° 1	7°47	11°42	21° 0	5°12	6°29	29°37	2°34	3°42	19° 7	24°30	S 22
S 23	10 49 5	14° 3'50	26°10	1° 2	24°16	8°28	11°36	21° 5	5°15	6°29	29°38	2°D34	3°38	19°14	24°33	S 23
M24	10 53 2	15° 3'41	11♎ 9	1°23	25°30	9° 9	11°30	21°10	5°18	6°28	29°40	2°34	3°35	19°20	24°37	M24
T 25	10 56 58	16° 3'31	26° 3	1°36	26°44	9°51	11°24	21°15	5°20	6°28	29°41	2°34	3°32	19°27	24°41	T 25
W26	11 0 55	17° 3'19	10♏45	1°R40	27°59	10°32	11°17	21°20	5°23	6°28	29°43	2°36	3°29	19°34	24°44	W26
T 27	11 4 51	18° 3'06	25°10	1°35	29°13	11°14	11°11	21°25	5°26	6°27	29°44	2°37	3°26	19°40	24°48	T 27
F 28	11 8 48	19♓ 2'51	9♐15	1♈22	0♓27	11♑55	11♎ 4	21♑30	5♒29	6♋27	29♓46	2♈37	3♈23	19♈47	24♓52	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s13	27s 9	4s50	13s15	1s33	21s 4	0s16	23s26	0s 6	3s51	1n31	21s59	0n10	19s50	0s34	22n26	0s54	15s19	16s22	1n21	1n55	7n36	0n29	3n26
S 2	13 53	28 34	5 7	12 30	1 27	20 52	0 18	23 28	0 7	3 49	1 31	21 58	0 10	19 50	0 35	22 26	0 54	15 18	16 22	1 20	1 54	7 39	0 30	3 26
M 3	13 33	28 17	5 8	11 43	1 20	20 39	0 21	23 31	0 8	3 48	1 31	21 58	0 10	19 49	0 35	22 26	0 54	15 17	16 21	1 18	1 52	7 43	0 31	3 26
T 4	13 13	26 26	4 53	10 56	1 12	20 26	0 23	23 34	0 9	3 47	1 31	21 57	0 10	19 48	0 35	22 26	0 54	15 17	16 21	1 15	1 51	7 46	0 32	3 26
W 5	12 53	23 13	4 23	10 7	1 4	20 12	0 26	23 36	0 10	3 45	1 32	21 56	0 10	19 47	0 35	22 26	0 54	15 16	16 21	1 12	1 50	7 49	0 33	3 26
T 6	12 32	18 58	3 40	9 18	0 55	19 57	0 29	23 38	0 10	3 44	1 32	21 55	0 10	19 47	0 35	22 26	0 54	15 15	16 21	1 10	1 49	7 53	0 35	3 26
F 7	12 11	13 57	2 47	8 28	0 45	19 42	0 31	23 40	0 11	3 42	1 32	21 54	0 9	19 46	0 35	22 26	0 54	15 15	16 21	1 8	1 47	7 56	0 36	3 25
S 8	11 50	8 29	1 48	7 37	0 35	19 26	0 34	23 41	0 12	3 40	1 32	21 54	0 9	19 45	0 35	22 26	0 54	15 14	16 20	1 6	1 46	8 0	0 37	3 25
S 9	11 29	2 46	0 44	6 46	0 24	19 10	0 36	23 43	0 13	3 39	1 33	21 53	0 9	19 44	0 35	22 26	0 54	15 13	16 20	1 6	1 45	8 3	0 38	3 25
M10	11 8	2n58	0n21	5 55	0 13	18 53	0 38	23 44	0 14	3 37	1 33	21 52	0 9	19 43	0 35	22 26	0 54	15 13	16 20	1 5	1 43	8 6	0 40	3 25
T 11	10 46	8 34	1 25	5 4	0 1	18 36	0 41	23 45	0 15	3 35	1 33	21 51	0 9	19 43	0 35	22 26	0 54	15 12	16 20	1 6	1 42	8 10	0 41	3 25
W12	10 25	13 51	2 25	4 14	0n12	18 18	0 43	23 46	0 16	3 33	1 33	21 50	0 9	19 42	0 35	22 26	0 54	15 11	16 20	1 7	1 41	8 13	0 42	3 25
T 13	10 3	18 39	3 19	3 24	0 25	18 0	0 45	23 46	0 17	3 31	1 33	21 50	0 9	19 41	0 35	22 26	0 54	15 11	16 20	1 7	1 40	8 16	0 43	3 25
F 14	9 41	22 46	4 5	2 36	0 38	17 41	0 47	23 47	0 18	3 29	1 34	21 49	0 9	19 40	0 35	22 27	0 54	15 10	16 19	1 8	1 38	8 20	0 45	3 25
S 15	9 19	26 0	4 41	1 49	0 52	17 21	0 50	23 47	0 19	3 27	1 34	21 48	0 9	19 40	0 35	22 27	0 53	15 9	16 19	1 8	1 37	8 23	0 46	3 24
S 16	8 56	28 4	5 5	1 4	1 6	17 1	0 52	23 47	0 20	3 25	1 34	21 47	0 9	19 39	0 35	22 27	0 53	15 9	16 19	1 8	1 36	8 26	0 47	3 24
M17	8 34	28 44	5 15	0 21	1 20	16 41	0 54	23 46	0 21	3 23	1 34	21 47	0 9	19 38	0 35	22 27	0 53	15 8	16 19	1 7	1 35	8 30	0 49	3 24
T 18	8 11	27 49	5 8	0n19	1 35	16 20	0 56	23 46	0 22	3 20	1 34	21 46	0 9	19 38	0 35	22 27	0 53	15 7	16 19	1 6	1 33	8 33	0 50	3 24
W19	7 49	25 15	4 45	0 57	1 49	15 59	0 58	23 45	0 23	3 18	1 35	21 45	0 9	19 37	0 35	22 27	0 53	15 7	16 19	1 5	1 32	8 36	0 51	3 24
T 20	7 26	21 7	4 4	1 31	2 2	15 37	1 0	23 44	0 24	3 16	1 35	21 44	0 9	19 36	0 35	22 27	0 53	15 6	16 19	1 3	1 31	8 40	0 53	3 24
F 21	7 3	15 38	3 6	2 2	2 16	15 15	1 1	23 43	0 25	3 13	1 35	21 43	0 9	19 35	0 35	22 27	0 53	15 5	16 19	1 2	1 30	8 43	0 54	3 24
S 22	6 40	9 9	1 55	2 29	2 29	14 52	1 3	23 42	0 26	3 11	1 35	21 43	0 9	19 35	0 35	22 27	0 53	15 5	16 19	1 2	1 28	8 46	0 55	3 24
S 23	6 17	2 4	0 35	2 52	2 41	14 29	1 5	23 41	0 27	3 8	1 35	21 42	0 8	19 34	0 35	22 27	0 53	15 4	16 18	1 1	1 27	8 50	0 57	3 24
M24	5 54	5s 9	0s47	3 11	2 52	14 6	1 7	23 39	0 28	3 6	1 35	21 41	0 8	19 33	0 35	22 27	0 53	15 3	16 18	1 1	1 26	8 53	0 58	3 23
T 25	5 31	12 3	2 6	3 26	3 3	13 42	1 8	23 37	0 29	3 3	1 36	21 41	0 8	19 33	0 35	22 27	0 53	15 3	16 18	1 2	1 25	8 56	0 59	3 23
W26	5 7	18 11	3 16	3 36	3 12	13 18	1 10	23 35	0 30	3 0	1 36	21 40	0 8	19 32	0 35	22 27	0 53	15 2	16 18	1 2	1 23	8 59	1 1	3 23
T 27	4 44	23 10	4 12	3 41	3 20	12 53	1 11	23 33	0 31	2 58	1 36	21 39	0 8	19 31	0 35	22 27	0 53	15 1	16 18	1 2	1 22	9 3	1 2	3 23
F 28	4s21	26s41	4s51	3n42	3n26	12s28	1s13	23s30	0s32	2s55	1n36	21s38	0n 8	19s31	0s35	22n27	0s53	15s 1	16s18	1n 3	1n21	9n 6	1n 4	3n23

Julian Day Number = 2297453.5, Delta T = 123.42 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'09, Lahiri = 17°58'10 Julian Calendar 1 Feb. 1578 == Greg. Calendar 11 Feb. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

MARCH 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 12 44	20♓ 2'34	22♐59	1°R 1	1♓42	12♉37	10°R57	21♉35	5♒32	6°R27	29♓47	2°R38	3♈19	19♈53	24♓55	S 1
S 2	11 16 41	21° 2'15	6♉23	0♈33	2°56	13°18	10♎51	21°39	5°34	6♋27	29°49	2♈37	3°16	20° 0	24°59	S 2
M 3	11 20 38	22° 1'55	19°28	29♓58	4°10	14° 0	10°44	21°44	5°37	6°26	29°50	2°36	3°13	20° 7	25° 3	M 3
T 4	11 24 34	23° 1'33	2♒16	29°17	5°25	14°41	10°37	21°49	5°40	6°26	29°51	2°35	3°10	20°13	25° 6	T 4
W 5	11 28 31	24° 1'09	14°50	28°32	6°39	15°23	10°30	21°53	5°42	6°26	29°53	2°34	3° 7	20°20	25°10	W 5
T 6	11 32 27	25° 0'43	27°11	27°43	7°53	16° 4	10°22	21°58	5°45	6°26	29°54	2°33	3° 4	20°27	25°14	T 6
F 7	11 36 24	26° 0'15	9♓21	26°51	9° 8	16°46	10°15	22° 2	5°48	6°26	29°56	2°32	3° 0	20°33	25°18	F 7
S 8	11 40 20	26°59'45	21°23	25°58	10°22	17°27	10° 8	22° 6	5°50	6°D26	29°57	2°31	2°57	20°40	25°21	S 8
S 9	11 44 17	27°59'13	3♈18	25° 5	11°36	18° 9	10° 1	22°10	5°53	6°26	29°59	2°D31	2°54	20°47	25°25	S 9
M10	11 48 13	28°58'39	15° 8	24°12	12°51	18°50	9°53	22°14	5°55	6°26	0♈ 0	2°31	2°51	20°53	25°29	M10
T 11	11 52 10	29°58'03	26°56	23°21	14° 5	19°32	9°46	22°19	5°57	6°26	0° 2	2°32	2°48	21° 0	25°32	T 11
W12	11 56 7	0♈57'25	8♉44	22°33	15°19	20°13	9°38	22°22	6° 0	6°26	0° 3	2°32	2°44	21° 7	25°36	W12
T 13	12 0 3	1°56'44	20°34	21°48	16°33	20°55	9°31	22°26	6° 2	6°26	0° 5	2°32	2°41	21°13	25°40	T 13
F 14	12 4 0	2°56'02	2♊32	21° 8	17°48	21°37	9°23	22°30	6° 4	6°27	0° 6	2°R32	2°38	21°20	25°43	F 14
S 15	12 7 56	3°55'17	14°39	20°32	19° 2	22°18	9°15	22°34	6° 7	6°27	0° 8	2°32	2°35	21°27	25°47	S 15
S 16	12 11 53	4°54'29	27° 1	20° 1	20°16	23° 0	9° 8	22°38	6° 9	6°27	0° 9	2°32	2°32	21°33	25°51	S 16
M17	12 15 49	5°53'40	9♋42	19°35	21°30	23°41	9° 0	22°41	6°11	6°27	0°11	2°D32	2°29	21°40	25°54	M17
T 18	12 19 46	6°52'48	22°45	19°15	22°45	24°23	8°52	22°45	6°13	6°28	0°12	2°32	2°25	21°47	25°58	T 18
W19	12 23 42	7°51'54	6♌13	19° 0	23°59	25° 4	8°45	22°48	6°15	6°28	0°14	2°32	2°22	21°53	26° 2	W19
T 20	12 27 39	8°50'57	20° 8	18°52	25°13	25°46	8°37	22°51	6°17	6°28	0°15	2°33	2°19	22° 0	26° 5	T 20
F 21	12 31 36	9°49'58	4♍30	18°D48	26°27	26°27	8°29	22°54	6°19	6°29	0°17	2°33	2°16	22° 7	26° 9	F 21
S 22	12 35 32	10°48'57	19°15	18°51	27°41	27° 9	8°21	22°58	6°21	6°29	0°18	2°34	2°13	22°13	26°13	S 22
S 23	12 39 29	11°47'53	4♎17	18°58	28°55	27°50	8°14	23° 1	6°23	6°30	0°20	2°R34	2°10	22°20	26°16	S 23
M24	12 43 25	12°46'47	19°29	19°11	0♈10	28°32	8° 6	23° 4	6°25	6°30	0°21	2°34	2° 6	22°26	26°20	M24
T 25	12 47 22	13°45'40	4♏40	19°28	1°24	29°13	7°58	23° 6	6°27	6°31	0°22	2°33	2° 3	22°33	26°23	T 25
W26	12 51 18	14°44'31	19°42	19°51	2°38	29°55	7°51	23° 9	6°29	6°31	0°24	2°32	2° 0	22°40	26°27	W26
T 27	12 55 15	15°43'19	4♐26	20°18	3°52	0♒36	7°43	23°12	6°30	6°32	0°25	2°30	1°57	22°46	26°31	T 27
F 28	12 59 11	16°42'07	18°47	20°49	5° 6	1°18	7°36	23°14	6°32	6°33	0°27	2°29	1°54	22°53	26°34	F 28
S 29	13 3 8	17°40'52	2♉41	21°24	6°20	1°59	7°28	23°17	6°34	6°33	0°28	2°27	1°50	23° 0	26°38	S 29
S 30	13 7 5	18°39'36	16° 9	22° 4	7°34	2°41	7°21	23°19	6°35	6°34	0°30	2°D27	1°47	23° 6	26°41	S 30
M31	13 11 1	19♈38'18	29♉12	22♓47	8♈48	3♒22	7♎13	23♉22	6♒37	6♋35	0♈31	2♈27	1♈44	23♈13	26♓45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s57	28s31	5s12	3n38	3n31	12s 3	1s14	23s27	0s34	2s52	1n36	21s38	0n 8	19s30	0s35	22n27	0s53	15s 0	16s18	1n 3	1n19	9n 9	1n 5	3n23
S 2	3 34	28 36	5 16	3 29	3 34	11 38	1 16	23 24	0 35	2 50	1 36	21 37	0 8	19 29	0 35	22 28	0 53	14 59	16 18	1 3	1 18	9 13	1 6	3 23
M 3	3 10	27 5	5 3	3 16	3 35	11 12	1 17	23 21	0 36	2 47	1 36	21 36	0 8	19 29	0 35	22 28	0 53	14 59	16 18	1 2	1 17	9 16	1 8	3 23
T 4	2 47	24 10	4 36	3 0	3 35	10 45	1 18	23 18	0 37	2 44	1 36	21 36	0 8	19 28	0 35	22 28	0 53	14 58	16 18	1 2	1 16	9 19	1 9	3 23
W 5	2 23	20 10	3 55	2 39	3 32	10 19	1 19	23 14	0 38	2 41	1 37	21 35	0 8	19 27	0 35	22 28	0 53	14 58	16 18	1 1	1 14	9 23	1 11	3 23
T 6	1 59	15 21	3 4	2 16	3 28	9 52	1 20	23 11	0 39	2 38	1 37	21 34	0 8	19 27	0 35	22 28	0 53	14 57	16 18	1 1	1 13	9 26	1 12	3 23
F 7	1 36	10 1	2 5	1 50	3 21	9 25	1 21	23 7	0 40	2 35	1 37	21 34	0 8	19 26	0 35	22 28	0 53	14 56	16 18	1 1	1 12	9 29	1 13	3 23
S 8	1 12	4 22	1 2	1 21	3 13	8 58	1 22	23 2	0 42	2 32	1 37	21 33	0 8	19 26	0 35	22 28	0 53	14 56	16 18	1 0	1 11	9 33	1 15	3 23
S 9	0 48	1n23	0n 4	0 51	3 4	8 30	1 23	22 58	0 43	2 29	1 37	21 33	0 8	19 25	0 35	22 28	0 53	14 55	16 18	1 0	1 9	9 36	1 16	3 22
M10	0 24	7 3	1 10	0 20	2 53	8 3	1 24	22 54	0 44	2 26	1 37	21 32	0 7	19 24	0 35	22 28	0 53	14 55	16 18	1 0	1 8	9 39	1 18	3 22
T 11	0 1	12 27	2 12	0s11	2 41	7 35	1 25	22 49	0 45	2 23	1 37	21 31	0 7	19 24	0 35	22 28	0 53	14 54	16 18	1 0	1 7	9 42	1 19	3 22
W12	0n23	17 24	3 8	0 43	2 27	7 7	1 25	22 44	0 46	2 20	1 37	21 31	0 7	19 23	0 35	22 28	0 53	14 53	16 18	1 1	1 6	9 46	1 21	3 22
T 13	0 47	21 44	3 57	1 13	2 13	6 38	1 26	22 39	0 47	2 17	1 37	21 30	0 7	19 23	0 35	22 28	0 52	14 53	16 18	1 1	1 4	9 49	1 22	3 22
F 14	1 10	25 13	4 35	1 43	1 58	6 10	1 27	22 33	0 49	2 14	1 37	21 30	0 7	19 22	0 35	22 28	0 52	14 52	16 18	1 1	1 3	9 52	1 23	3 22
S 15	1 34	27 37	5 2	2 12	1 43	5 41	1 27	22 28	0 50	2 11	1 37	21 29	0 7	19 22	0 35	22 28	0 52	14 52	16 18	1 1	1 2	9 56	1 25	3 22
S 16	1 57	28 44	5 16	2 38	1 27	5 12	1 27	22 22	0 51	2 8	1 37	21 29	0 7	19 21	0 35	22 28	0 52	14 51	16 18	1 0	1 0	9 59	1 26	3 22
M17	2 21	28 23	5 15	3 3	1 11	4 43	1 28	22 16	0 52	2 5	1 37	21 28	0 7	19 21	0 35	22 28	0 52	14 51	16 18	1 0	0 59	10 2	1 28	3 22
T 18	2 44	26 28	4 58	3 25	0 55	4 14	1 28	22 10	0 54	2 2	1 37	21 28	0 7	19 20	0 36	22 28	0 52	14 50	16 18	1 1	0 58	10 5	1 29	3 22
W19	3 8	23 2	4 25	3 45	0 40	3 45	1 28	22 4	0 55	1 59	1 37	21 27	0 7	19 20	0 36	22 28	0 52	14 49	16 18	1 1	0 57	10 9	1 30	3 22
T 20	3 31	18 12	3 35	4 3	0 24	3 16	1 29	21 58	0 56	1 56	1 37	21 27	0 7	19 19	0 36	22 28	0 52	14 49	16 18	1 1	0 55	10 12	1 32	3 22
F 21	3 54	12 12	2 30	4 18	0 9	2 46	1 29	21 51	0 57	1 53	1 37	21 26	0 7	19 19	0 36	22 28	0 52	14 48	16 18	1 1	0 54	10 15	1 33	3 22
S 22	4 17	5 23	1 13	4 30	0s 5	2 17	1 29	21 44	0 59	1 50	1 37	21 26	0 7	19 18	0 36	22 28	0 52	14 48	16 18	1 1	0 53	10 18	1 35	3 22
S 23	4 41	1s51	0s10	4 40	0 19	1 47	1 29	21 37	1 0	1 47	1 37	21 25	0 7	19 18	0 36	22 28	0 52	14 47	16 18	1 1	0 52	10 22	1 36	3 22
M24	5 4	9 4	1 33	4 48	0 33	1 17	1 29	21 30	1 1	1 44	1 37	21 25	0 7	19 17	0 36	22 28	0 52	14 47	16 18	1 1	0 50	10 25	1 38	3 22
T 25	5 27	15 46	2 49	4 53	0 46	0 48	1 28	21 23	1 2	1 41	1 37	21 24	0 7	19 17	0 36	22 28	0 52	14 46	16 18	1 1	0 49	10 28	1 39	3 22
W26	5 49	21 26	3 53	4 55	0 58	0 18	1 28	21 15	1 4	1 38	1 37	21 24	0 6	19 17	0 36	22 28	0 52	14 46	16 18	1 0	0 48	10 32	1 40	3 22
T 27	6 12	25 39	4 40	4 55	1 10	0n12	1 28	21 8	1 5	1 35	1 37	21 24	0 6	19 16	0 36	22 28	0 52	14 45	16 19	1 0	0 47	10 35	1 42	3 22
F 28	6 35	28 8	5 8	4 53	1 21	0 42	1 27	21 0	1 6	1 32	1 37	21 23	0 6	19 16	0 36	22 28	0 52	14 45	16 19	0 59	0 45	10 38	1 43	3 22
S 29	6 57	28 45	5 17	4 49	1 31	1 11	1 27	20 52	1 8	1 29	1 37	21 23	0 6	19 15	0 36	22 28	0 52	14 44	16 19	0 59	0 44	10 41	1 45	3 22
S 30	7 20	27 36	5 8	4 42	1 41	1 41	1 27	20 44	1 9	1 26	1 37	21 23	0 6	19 15	0 36	22 28	0 52	14 44	16 19	0 59	0 43	10 45	1 46	3 22
M31	7n42	24s59	4s43	4s33	1s50	2n11	1s26	20s35	1s10	1s23	1n37	21s22	0n 6	19s15	0s36	22n28	0s52	14s44	16s19	0n59	0n41	10n48	1n47	3n22

Julian Day Number = 2297481.5, Delta T = 123.28 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'13, Lahiri = 17°58'14 Julian Calendar 1 March 1578 == Greg. Calendar 11 March 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

APRIL 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 58	20♈36'58	11♒53	23♓34	10♈ 2	4♒ 3	7°R 6	23♑24	6♒39	6♋36	0♈33	2♈28	1♈41	23♈20	26♓48	T 1
W 2	13 18 54	21°35'36	24°17	24°24	11°17	4°45	6♎58	23°26	6°40	6°36	0°34	2°29	1°38	23°26	26°52	W 2
T 3	13 22 51	22°34'13	6♓27	25°17	12°31	5°26	6°51	23°28	6°42	6°37	0°35	2°31	1°35	23°33	26°55	T 3
F 4	13 26 47	23°32'48	18°26	26°13	13°45	6° 8	6°44	23°30	6°43	6°38	0°37	2°32	1°31	23°40	26°58	F 4
S 5	13 30 44	24°31'21	0♈19	27°13	14°59	6°49	6°37	23°32	6°44	6°39	0°38	2°R33	1°28	23°46	27° 2	S 5
S 6	13 34 40	25°29'52	12° 7	28°15	16°13	7°30	6°30	23°34	6°46	6°40	0°39	2°33	1°25	23°53	27° 5	S 6
M 7	13 38 37	26°28'22	23°55	29°20	17°27	8°12	6°23	23°35	6°47	6°41	0°41	2°31	1°22	24° 0	27° 9	M 7
T 8	13 42 34	27°26'49	5♉43	0♈27	18°41	8°53	6°16	23°37	6°48	6°42	0°42	2°28	1°19	24° 6	27°12	T 8
W 9	13 46 30	28°25'15	17°35	1°37	19°55	9°34	6° 9	23°38	6°49	6°43	0°44	2°24	1°15	24°13	27°15	W 9
T 10	13 50 27	29°23'39	29°31	2°49	21° 9	10°16	6° 3	23°40	6°50	6°44	0°45	2°20	1°12	24°20	27°18	T 10
F 11	13 54 23	0♉22'01	11♊34	4° 4	22°23	10°57	5°56	23°41	6°51	6°45	0°46	2°15	1° 9	24°26	27°22	F 11
S 12	13 58 20	1°20'21	23°48	5°21	23°37	11°38	5°50	23°42	6°52	6°46	0°48	2°11	1° 6	24°33	27°25	S 12
S 13	14 2 16	2°18'38	6♋13	6°40	24°51	12°19	5°44	23°43	6°53	6°47	0°49	2° 7	1° 3	24°40	27°28	S 13
M14	14 6 13	3°16'54	18°54	8° 1	26° 5	13° 0	5°37	23°44	6°54	6°49	0°50	2° 5	1° 0	24°46	27°31	M14
T 15	14 10 9	4°15'08	1♌53	9°25	27°19	13°42	5°31	23°45	6°55	6°50	0°51	2°D 4	0°56	24°53	27°34	T 15
W16	14 14 6	5°13'20	15°13	10°50	28°33	14°23	5°25	23°46	6°56	6°51	0°53	2° 4	0°53	25° 0	27°38	W16
T 17	14 18 3	6°11'29	28°57	12°18	29°47	15° 4	5°20	23°47	6°57	6°52	0°54	2° 5	0°50	25° 6	27°41	T 17
F 18	14 21 59	7° 9'36	13♍ 6	13°48	1♉ 1	15°45	5°14	23°47	6°57	6°54	0°55	2° 7	0°47	25°13	27°44	F 18
S 19	14 25 56	8° 7'42	27°39	15°19	2°14	16°26	5° 8	23°48	6°58	6°55	0°56	2°R 8	0°44	25°20	27°47	S 19
S 20	14 29 52	9° 5'45	12♎32	16°53	3°28	17° 7	5° 3	23°48	6°59	6°56	0°58	2° 7	0°41	25°26	27°50	S 20
M21	14 33 49	10° 3'47	27°40	18°28	4°42	17°48	4°58	23°49	6°59	6°58	0°59	2° 5	0°37	25°33	27°53	M21
T 22	14 37 45	11° 1'47	12♏53	20° 6	5°56	18°29	4°53	23°49	7° 0	6°59	1° 0	2° 2	0°34	25°39	27°56	T 22
W23	14 41 42	11°59'46	28° 2	21°45	7°10	19°10	4°48	23°49	7° 0	7° 0	1° 1	1°56	0°31	25°46	27°58	W23
T 24	14 45 38	12°57'43	12♐56	23°27	8°24	19°50	4°43	23°R49	7° 1	7° 2	1° 2	1°50	0°28	25°53	28° 1	T 24
F 25	14 49 35	13°55'38	27°28	25°10	9°38	20°31	4°38	23°49	7° 1	7° 3	1° 4	1°44	0°25	25°59	28° 4	F 25
S 26	14 53 32	14°53'33	11♑32	26°55	10°52	21°12	4°34	23°49	7° 1	7° 5	1° 5	1°39	0°21	26° 6	28° 7	S 26
S 27	14 57 28	15°51'26	25° 8	28°43	12° 5	21°53	4°29	23°48	7° 2	7° 6	1° 6	1°35	0°18	26°13	28°10	S 27
M28	15 1 25	16°49'17	8♒15	0♑32	13°19	22°33	4°25	23°48	7° 2	7° 8	1° 7	1°33	0°15	26°19	28°12	M28
T 29	15 5 21	17°47'08	20°57	2°23	14°33	23°14	4°21	23°48	7° 2	7° 9	1° 8	1°D33	0°12	26°26	28°15	T 29
W30	15 9 18	18♑44'57	3♓19	4♑16	15♑47	23♒55	4♎17	23♑47	7♒ 2	7♋11	1♈ 9	1♈34	0♈ 9	26♈33	28♓18	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 4	21s11	4s 5	4s22	1s58	2n41	1s25	20s27	1s12	1s20	1n37	21s22	0n 6	19s14	0s36	22n28	0s52	14s43	16s19	0n59	0n40	10n51	1n49	3n22
W 2	8 26	16 32	3 16	4 10	2 6	3 10	1 25	20 18	1 13	1 18	1 37	21 22	0 6	19 14	0 36	22 28	0 52	14 43	16 19	1 0	0 39	10 54	1 50	3 22
T 3	8 48	11 19	2 19	3 55	2 13	3 40	1 24	20 10	1 15	1 15	1 37	21 21	0 6	19 14	0 36	22 28	0 52	14 42	16 19	1 0	0 38	10 57	1 52	3 22
F 4	9 10	5 46	1 17	3 38	2 20	4 9	1 23	20 1	1 16	1 12	1 37	21 21	0 6	19 13	0 36	22 28	0 52	14 42	16 20	1 1	0 36	11 1	1 53	3 22
S 5	9 32	0 4	0 12	3 20	2 25	4 39	1 22	19 52	1 17	1 9	1 36	21 21	0 6	19 13	0 36	22 28	0 52	14 41	16 20	1 1	0 35	11 4	1 54	3 22
S 6	9 53	5n37	0n53	3 0	2 30	5 8	1 21	19 42	1 19	1 7	1 36	21 21	0 6	19 13	0 36	22 28	0 52	14 41	16 20	1 1	0 34	11 7	1 56	3 22
M 7	10 14	11 5	1 55	2 38	2 35	5 38	1 20	19 33	1 20	1 4	1 36	21 20	0 6	19 12	0 36	22 28	0 51	14 41	16 20	1 0	0 33	11 10	1 57	3 22
T 8	10 35	16 10	2 53	2 15	2 39	6 7	1 19	19 23	1 22	1 2	1 36	21 20	0 6	19 12	0 36	22 28	0 51	14 40	16 20	0 59	0 31	11 14	1 58	3 22
W 9	10 56	20 40	3 43	1 50	2 42	6 36	1 18	19 14	1 23	0 59	1 36	21 20	0 5	19 12	0 36	22 28	0 51	14 40	16 20	0 58	0 30	11 17	2 0	3 22
T 10	11 17	24 23	4 23	1 24	2 45	7 5	1 17	19 4	1 24	0 56	1 36	21 20	0 5	19 12	0 36	22 28	0 51	14 39	16 20	0 56	0 29	11 20	2 1	3 22
F 11	11 38	27 4	4 53	0 56	2 47	7 33	1 16	18 54	1 26	0 54	1 36	21 20	0 5	19 11	0 36	22 28	0 51	14 39	16 21	0 54	0 28	11 23	2 2	3 22
S 12	11 58	28 30	5 10	0 27	2 48	8 2	1 15	18 44	1 27	0 52	1 36	21 19	0 5	19 11	0 36	22 28	0 51	14 39	16 21	0 52	0 26	11 27	2 4	3 22
S 13	12 18	28 33	5 12	0n 4	2 49	8 30	1 13	18 34	1 29	0 49	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 51	0 25	11 30	2 5	3 22
M14	12 38	27 6	5 0	0 36	2 49	8 59	1 12	18 23	1 30	0 47	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 50	0 24	11 33	2 6	3 22
T 15	12 58	24 12	4 32	1 9	2 49	9 27	1 11	18 13	1 32	0 45	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 49	0 22	11 36	2 8	3 22
W16	13 18	19 57	3 49	1 43	2 48	9 54	1 9	18 2	1 33	0 43	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 49	0 21	11 39	2 9	3 22
T 17	13 37	14 32	2 51	2 19	2 47	10 22	1 8	17 52	1 35	0 40	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 50	0 20	11 43	2 10	3 22
F 18	13 56	8 13	1 42	2 55	2 45	10 49	1 6	17 41	1 36	0 38	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 51	0 19	11 46	2 11	3 22
S 19	14 15	1 19	0 24	3 33	2 42	11 16	1 5	17 30	1 38	0 36	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 51	0 17	11 49	2 13	3 23
S 20	14 34	5s50	0s56	4 12	2 39	11 43	1 3	17 19	1 39	0 34	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 22	0 51	0 16	11 52	2 14	3 23
M21	14 52	12 46	2 15	4 52	2 35	12 10	1 1	17 8	1 41	0 32	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 23	0 50	0 15	11 55	2 15	3 23
T 22	15 10	18 58	3 23	5 32	2 31	12 36	0 59	16 57	1 42	0 31	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 23	0 48	0 14	11 59	2 16	3 23
W23	15 28	23 57	4 18	6 14	2 26	13 2	0 58	16 45	1 44	0 29	1 34	21 19	0 4	19 10	0 37	22 28	0 51	14 35	16 23	0 46	0 12	12 2	2 17	3 23
T 24	15 46	27 15	4 53	6 56	2 21	13 27	0 56	16 34	1 45	0 27	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 23	0 44	0 11	12 5	2 19	3 23
F 25	16 3	28 37	5 9	7 40	2 15	13 53	0 54	16 22	1 47	0 25	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 42	0 10	12 8	2 20	3 23
S 26	16 21	28 4	5 5	8 24	2 9	14 18	0 52	16 11	1 48	0 24	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 40	0 9	12 11	2 21	3 23
S 27	16 37	25 49	4 44	9 8	2 2	14 42	0 50	15 59	1 50	0 22	1 33	21 20	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 38	0 7	12 14	2 22	3 23
M28	16 54	22 15	4 9	9 53	1 55	15 7	0 48	15 47	1 51	0 21	1 33	21 20	0 4	19 9	0 37	22 28	0 51	14 34	16 24	0 37	0 6	12 18	2 23	3 23
T 29	17 10	17 44	3 22	10 39	1 47	15 30	0 46	15 35	1 53	0 19	1 32	21 20	0 4	19 9	0 37	22 27	0 51	14 34	16 25	0 37	0 5	12 21	2 24	3 23
W30	17n27	12s36	2s27	11n25	1s39	15n54	0s44	15s23	1s55	0s18	1n32	21s20	0n 4	19s 9	0s37	22n27	0s51	14s34	16s25	0n37	0n 3	12n24	2n26	3n23

Julian Day Number = 2297512.5, Delta T = 123.13 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'17, Lahiri = 17°58'18 Julian Calendar 1 Apr. 1578 == Greg. Calendar 11 Apr. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

MAY 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 13 14	19♉42'45	15♓25	6♉12	17♉ 1	24♒35	4°R14	23°R46	7♒ 2	7♋13	1♈10	1♈35	0♈ 6	26♈39	28♓20	T 1
F 2	15 17 11	20°40'31	27°20	8° 9	18°15	25°16	4♎10	23♑46	7°R 2	7°14	1°11	1°R36	0° 2	26°46	28°23	F 2
S 3	15 21 7	21°38'17	9♈ 8	10° 8	19°28	25°56	4° 7	23°45	7° 2	7°16	1°12	1°36	29♓59	26°53	28°25	S 3
S 4	15 25 4	22°36'01	20°55	12° 9	20°42	26°36	4° 3	23°44	7° 2	7°18	1°13	1°34	29°56	26°59	28°28	S 4
M 5	15 29 1	23°33'44	2♉43	14°11	21°56	27°17	4° 0	23°43	7° 2	7°19	1°14	1°30	29°53	27° 6	28°30	M 5
T 6	15 32 57	24°31'26	14°34	16°16	23°10	27°57	3°58	23°42	7° 2	7°21	1°15	1°23	29°50	27°13	28°33	T 6
W 7	15 36 54	25°29'07	26°33	18°21	24°24	28°37	3°55	23°40	7° 2	7°23	1°16	1°14	29°47	27°19	28°35	W 7
T 8	15 40 50	26°26'46	8♊38	20°29	25°37	29°17	3°52	23°39	7° 1	7°25	1°17	1° 4	29°43	27°26	28°38	T 8
F 9	15 44 47	27°24'24	20°53	22°37	26°51	29°57	3°50	23°38	7° 1	7°26	1°18	0°54	29°40	27°33	28°40	F 9
S 10	15 48 43	28°22'01	3♋18	24°47	28° 5	0♓37	3°48	23°36	7° 1	7°28	1°19	0°44	29°37	27°39	28°42	S 10
S 11	15 52 40	29°19'37	15°54	26°58	29°19	1°17	3°46	23°35	7° 0	7°30	1°20	0°36	29°34	27°46	28°44	S 11
M12	15 56 36	0♊17'11	28°43	29° 9	0♊32	1°56	3°44	23°33	7° 0	7°32	1°21	0°29	29°31	27°53	28°46	M12
T 13	16 0 33	1°14'43	11♌46	1♊21	1°46	2°36	3°43	23°31	6°59	7°34	1°22	0°25	29°27	27°59	28°49	T 13
W14	16 4 30	2°12'15	25° 5	3°33	3° 0	3°16	3°41	23°29	6°59	7°36	1°22	0°24	29°24	28° 6	28°51	W14
T 15	16 8 26	3° 9'44	8♍43	5°45	4°14	3°55	3°40	23°27	6°58	7°37	1°23	0°D24	29°21	28°13	28°53	T 15
F 16	16 12 23	4° 7'13	22°40	7°56	5°27	4°35	3°39	23°25	6°58	7°39	1°24	0°24	29°18	28°19	28°55	F 16
S 17	16 16 19	5° 4'40	6♎58	10° 7	6°41	5°14	3°38	23°23	6°57	7°41	1°25	0°R24	29°15	28°26	28°57	S 17
S 18	16 20 16	6° 2'06	21°34	12°17	7°55	5°53	3°37	23°21	6°56	7°43	1°26	0°22	29°12	28°33	28°58	S 18
M19	16 24 12	6°59'30	6♏25	14°26	9° 9	6°32	3°37	23°19	6°55	7°45	1°26	0°19	29° 8	28°39	29° 0	M19
T 20	16 28 9	7°56'54	21°23	16°33	10°22	7°11	3°36	23°16	6°55	7°47	1°27	0°12	29° 5	28°46	29° 2	T 20
W21	16 32 5	8°54'16	6♐22	18°39	11°36	7°50	3°D36	23°14	6°54	7°49	1°28	0° 3	29° 2	28°53	29° 4	W21
T 22	16 36 2	9°51'38	21°11	20°43	12°50	8°29	3°36	23°11	6°53	7°51	1°28	29♓53	28°59	28°59	29° 6	T 22
F 23	16 39 59	10°48'59	5♑42	22°45	14° 3	9° 8	3°36	23° 9	6°52	7°53	1°29	29°43	28°56	29° 6	29° 7	F 23
S 24	16 43 55	11°46'19	19°49	24°45	15°17	9°47	3°37	23° 6	6°51	7°55	1°30	29°34	28°53	29°13	29° 9	S 24
S 25	16 47 52	12°43'39	3♒28	26°43	16°31	10°25	3°37	23° 3	6°50	7°57	1°30	29°27	28°49	29°19	29°10	S 25
M26	16 51 48	13°40'58	16°39	28°38	17°45	11° 4	3°38	23° 0	6°49	7°59	1°31	29°22	28°46	29°26	29°12	M26
T 27	16 55 45	14°38'16	29°24	0♋32	18°58	11°42	3°39	22°58	6°48	8° 1	1°32	29°19	28°43	29°33	29°13	T 27
W28	16 59 41	15°35'34	11♓47	2°23	20°12	12°20	3°40	22°55	6°46	8° 4	1°32	29°D18	28°40	29°39	29°15	W28
T 29	17 3 38	16°32'52	23°54	4°11	21°26	12°58	3°41	22°52	6°45	8° 6	1°33	29°R18	28°37	29°46	29°16	T 29
F 30	17 7 34	17°30'09	5♈49	5°58	22°39	13°36	3°43	22°48	6°44	8° 8	1°33	29°18	28°33	29°53	29°17	F 30
S 31	17 11 31	18♊27'26	17♈38	7♋41	23♊53	14♓14	3♎44	22♑45	6♒43	8♋10	1♈34	29♓17	28♓30	29♈59	29♓19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n42	7s 6	1s26	12n12	1s30	16n17	0s42	15s11	1s56	0s17	1n32	21s20	0n 4	19s 9	0s37	22n27	0s51	14s34	16s25	0n38	0n 2	12n27	2n27	3n23
F 2	17 58	1 25	0 23	12 58	1 22	16 40	0 40	14 59	1 58	0 16	1 32	21 20	0 4	19 9	0 37	22 27	0 51	14 34	16 25	0 38	0 1	12 30	2 28	3 23
S 3	18 13	4n15	0n41	13 45	1 12	17 2	0 38	14 47	1 59	0 14	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 38	0s 0	12 33	2 29	3 23
S 4	18 28	9 46	1 42	14 31	1 3	17 24	0 36	14 34	2 1	0 13	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 37	0 2	12 37	2 30	3 24
M 5	18 43	14 56	2 39	15 18	0 53	17 45	0 33	14 22	2 2	0 12	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 36	0 3	12 40	2 31	3 24
T 6	18 57	19 35	3 30	16 4	0 42	18 6	0 31	14 9	2 4	0 11	1 31	21 21	0 3	19 10	0 37	22 27	0 51	14 33	16 27	0 33	0 4	12 43	2 32	3 24
W 7	19 11	23 30	4 11	16 49	0 32	18 27	0 29	13 57	2 6	0 11	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 27	0 30	0 5	12 46	2 33	3 24
T 8	19 24	26 26	4 42	17 34	0 22	18 47	0 27	13 44	2 7	0 10	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 27	0 26	0 7	12 49	2 34	3 24
F 9	19 38	28 10	5 0	18 18	0 11	19 6	0 24	13 32	2 9	0 9	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 22	0 8	12 52	2 35	3 24
S 10	19 51	28 32	5 4	19 0	0 0	19 25	0 22	13 19	2 11	0 8	1 30	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 18	0 9	12 56	2 36	3 24
S 11	20 3	27 25	4 54	19 42	0n10	19 44	0 20	13 6	2 12	0 8	1 29	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 14	0 10	12 59	2 37	3 24
M12	20 16	24 51	4 29	20 21	0 21	20 2	0 18	12 53	2 14	0 7	1 29	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 12	0 12	13 2	2 38	3 24
T 13	20 28	20 58	3 49	20 59	0 31	20 19	0 15	12 41	2 16	0 7	1 29	21 24	0 3	19 10	0 38	22 27	0 50	14 32	16 29	0 10	0 13	13 5	2 39	3 24
W14	20 39	15 58	2 57	21 35	0 41	20 36	0 13	12 28	2 17	0 7	1 29	21 24	0 3	19 11	0 38	22 26	0 50	14 32	16 29	0 9	0 14	13 8	2 40	3 24
T 15	20 50	10 4	1 53	22 9	0 51	20 52	0 11	12 15	2 19	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 29	0 9	0 16	13 11	2 41	3 25
F 16	21 1	3 33	0 41	22 40	1 0	21 8	0 8	12 2	2 20	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 30	0 10	0 17	13 14	2 42	3 25
S 17	21 12	3s18	0s35	23 9	1 9	21 23	0 6	11 49	2 22	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 30	0 10	0 18	13 17	2 43	3 25
S 18	21 22	10 8	1 50	23 36	1 17	21 37	0 3	11 36	2 24	0 6	1 28	21 26	0 2	19 11	0 38	22 26	0 50	14 32	16 30	0 9	0 19	13 21	2 43	3 25
M19	21 32	16 30	2 59	23 59	1 25	21 51	0 1	11 23	2 26	0 6	1 27	21 26	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 7	0 21	13 24	2 44	3 25
T 20	21 41	21 57	3 56	24 20	1 32	22 5	0n 1	11 10	2 27	0 6	1 27	21 27	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 5	0 22	13 27	2 45	3 25
W21	21 50	25 58	4 37	24 38	1 38	22 17	0 4	10 57	2 29	0 6	1 27	21 27	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 1	0 23	13 30	2 46	3 25
T 22	21 59	28 10	4 59	24 54	1 44	22 30	0 6	10 44	2 31	0 7	1 27	21 28	0 2	19 12	0 38	22 26	0 50	14 32	16 32	0s 3	0 24	13 33	2 47	3 25
F 23	22 7	28 23	5 1	25 7	1 49	22 41	0 8	10 31	2 32	0 7	1 26	21 28	0 2	19 13	0 38	22 26	0 50	14 33	16 32	0 7	0 26	13 36	2 47	3 25
S 24	22 15	26 43	4 44	25 17	1 53	22 52	0 11	10 18	2 34	0 7	1 26	21 29	0 2	19 13	0 38	22 26	0 50	14 33	16 32	0 10	0 27	13 39	2 48	3 26
S 25	22 23	23 30	4 11	25 24	1 57	23 2	0 13	10 5	2 36	0 8	1 26	21 29	0 2	19 13	0 38	22 25	0 50	14 33	16 33	0 13	0 28	13 42	2 49	3 26
M26	22 30	19 9	3 26	25 29	1 59	23 11	0 16	9 52	2 37	0 8	1 26	21 30	0 2	19 14	0 38	22 25	0 50	14 33	16 33	0 15	0 29	13 45	2 50	3 26
T 27	22 37	14 5	2 32	25 31	2 2	23 20	0 18	9 38	2 39	0 9	1 25	21 31	0 2	19 14	0 38	22 25	0 50	14 33	16 33	0 16	0 31	13 48	2 50	3 26
W28	22 43	8 34	1 32	25 31	2 3	23 28	0 20	9 25	2 41	0 10	1 25	21 31	0 2	19 14	0 38	22 25	0 50	14 33	16 34	0 17	0 32	13 52	2 51	3 26
T 29	22 49	2 52	0 29	25 29	2 3	23 36	0 23	9 12	2 42	0 10	1 25	21 32	0 2	19 15	0 38	22 25	0 50	14 33	16 34	0 17	0 33	13 55	2 52	3 26
F 30	22 54	2n51	0n35	25 25	2 3	23 42	0 25	8 59	2 44	0 11	1 25	21 32	0 1	19 15	0 38	22 25	0 50	14 33	16 35	0 17	0 34	13 58	2 52	3 26
S 31	23n 0	8n24	1n36	25n18	2n 2	23n48	0n27	8s46	2s46	0s12	1n24	21s33	0n 1	19s15	0s38	22n25	0s50	14s33	16s35	0s17	0s36	14n 1	2n53	3n26

Julian Day Number = 2297542.5, Delta T = 122.98 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'22, Lahiri = 17°58'22 Julian Calendar 1 May 1578 == Greg. Calendar 11 May 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

JUNE 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 15 28	19♊24'42	29♈25	9♋23	25♊ 7	14♓51	3♎46	22°R42	6°R41	8♋12	1♈34	29°R13	28♓27	0♉ 6	29♓20	S 1
M 2	17 19 24	20°21'58	11♉16	11° 1	26°20	15°29	3°48	22♑39	6♒40	8°14	1°35	29♓ 8	28°24	0°13	29°21	M 2
T 3	17 23 21	21°19'14	23°13	12°38	27°34	16° 6	3°50	22°35	6°38	8°16	1°35	28°59	28°21	0°19	29°22	T 3
W 4	17 27 17	22°16'30	5♊20	14°12	28°48	16°43	3°52	22°32	6°37	8°18	1°35	28°48	28°18	0°26	29°23	W 4
T 5	17 31 14	23°13'45	17°38	15°43	0♋ 2	17°20	3°55	22°28	6°35	8°21	1°36	28°35	28°14	0°33	29°24	T 5
F 6	17 35 10	24°11'00	0♋ 7	17°12	1°15	17°57	3°58	22°25	6°34	8°23	1°36	28°22	28°11	0°39	29°25	F 6
S 7	17 39 7	25° 8'14	12°49	18°38	2°29	18°34	4° 0	22°21	6°32	8°25	1°36	28° 9	28° 8	0°46	29°26	S 7
S 8	17 43 4	26° 5'28	25°42	20° 2	3°43	19°11	4° 3	22°17	6°31	8°27	1°37	27°58	28° 5	0°53	29°27	S 8
M 9	17 47 0	27° 2'42	8♌47	21°23	4°56	19°47	4° 6	22°14	6°29	8°29	1°37	27°50	28° 2	0°59	29°28	M 9
T 10	17 50 57	27°59'55	22° 4	22°41	6°10	20°23	4°10	22°10	6°27	8°32	1°37	27°44	27°59	1° 6	29°28	T 10
W11	17 54 53	28°57'07	5♍32	23°57	7°24	20°59	4°13	22° 6	6°26	8°34	1°38	27°41	27°55	1°13	29°29	W11
T 12	17 58 50	29°54'19	19°13	25°10	8°37	21°35	4°17	22° 2	6°24	8°36	1°38	27°40	27°52	1°19	29°30	T 12
F 13	18 2 46	0♋51'30	3♎ 7	26°20	9°51	22°10	4°21	21°58	6°22	8°38	1°38	27°40	27°49	1°26	29°30	F 13
S 14	18 6 43	1°48'41	17°14	27°27	11° 5	22°46	4°25	21°54	6°20	8°40	1°38	27°40	27°46	1°33	29°31	S 14
S 15	18 10 39	2°45'51	1♏33	28°32	12°18	23°21	4°29	21°50	6°18	8°43	1°38	27°38	27°43	1°39	29°31	S 15
M16	18 14 36	3°43'01	16° 4	29°33	13°32	23°56	4°33	21°46	6°17	8°45	1°39	27°33	27°39	1°46	29°32	M16
T 17	18 18 33	4°40'11	0♐40	0♌31	14°46	24°31	4°38	21°42	6°15	8°47	1°39	27°26	27°36	1°53	29°32	T 17
W18	18 22 29	5°37'21	15°16	1°26	15°59	25° 5	4°42	21°38	6°13	8°49	1°39	27°17	27°33	1°59	29°32	W18
T 19	18 26 26	6°34'31	29°46	2°17	17°13	25°39	4°47	21°34	6°11	8°51	1°39	27° 6	27°30	2° 6	29°33	T 19
F 20	18 30 22	7°31'40	14♑ 2	3° 5	18°27	26°14	4°52	21°29	6° 9	8°54	1°39	26°55	27°27	2°13	29°33	F 20
S 21	18 34 19	8°28'50	27°59	3°49	19°40	26°47	4°57	21°25	6° 7	8°56	1°39	26°44	27°24	2°19	29°33	S 21
S 22	18 38 15	9°26'00	11♒32	4°30	20°54	27°21	5° 2	21°21	6° 5	8°58	1°R39	26°36	27°20	2°26	29°33	S 22
M23	18 42 12	10°23'10	24°41	5° 7	22° 8	27°54	5° 8	21°17	6° 3	9° 0	1°39	26°30	27°17	2°33	29°R33	M23
T 24	18 46 8	11°20'20	7♓26	5°40	23°21	28°28	5°13	21°12	6° 1	9° 3	1°39	26°27	27°14	2°39	29°33	T 24
W25	18 50 5	12°17'31	19°50	6° 8	24°35	29° 0	5°19	21° 8	5°59	9° 5	1°39	26°25	27°11	2°46	29°33	W25
T 26	18 54 2	13°14'42	1♈58	6°33	25°49	29°33	5°25	21° 4	5°56	9° 7	1°39	26°D25	27° 8	2°53	29°33	T 26
F 27	18 57 58	14°11'54	13°55	6°53	27° 2	0♈ 5	5°31	20°59	5°54	9° 9	1°39	26°R25	27° 5	2°59	29°33	F 27
S 28	19 1 55	15° 9'06	25°45	7° 8	28°16	0°37	5°37	20°55	5°52	9°12	1°39	26°25	27° 1	3° 6	29°32	S 28
S 29	19 5 51	16° 6'19	7♉35	7°19	29°30	1° 9	5°43	20°50	5°50	9°14	1°39	26°23	26°58	3°13	29°32	S 29
M30	19 9 48	17♋ 3'33	19♉29	7♌25	0♌43	1♈40	5♎49	20♑46	5♒48	9♋16	1♈38	26♓18	26♓55	3♉19	29♓32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	13n40	2n32	25n10	2n 1	23n54	0n29	8s33	2s48	0s13	1n24	21s34	0n 1	19s16	0s38	22n25	0s50	14s33	16s35	0s19	0s37	14n 4	2n53	3n27
M 2	23 9	18 27	3 23	25 0	1 58	23 58	0 32	8 20	2 49	0 14	1 24	21 34	0 1	19 16	0 38	22 25	0 50	14 34	16 36	0 21	0 38	14 7	2 54	3 27
T 3	23 13	22 34	4 4	24 48	1 55	24 2	0 34	8 7	2 51	0 15	1 23	21 35	0 1	19 16	0 38	22 24	0 50	14 34	16 36	0 24	0 40	14 10	2 55	3 27
W 4	23 16	25 46	4 36	24 35	1 51	24 6	0 36	7 54	2 53	0 16	1 23	21 35	0 1	19 17	0 38	22 24	0 50	14 34	16 36	0 29	0 41	14 13	2 55	3 27
T 5	23 19	27 48	4 55	24 20	1 47	24 8	0 38	7 41	2 54	0 17	1 23	21 36	0 1	19 17	0 38	22 24	0 50	14 34	16 37	0 34	0 42	14 16	2 56	3 27
F 6	23 22	28 30	5 0	24 4	1 42	24 10	0 41	7 28	2 56	0 19	1 23	21 37	0 1	19 18	0 38	22 24	0 50	14 34	16 37	0 39	0 43	14 19	2 56	3 27
S 7	23 24	27 42	4 50	23 47	1 36	24 11	0 43	7 16	2 58	0 20	1 22	21 37	0 1	19 18	0 38	22 24	0 50	14 34	16 37	0 44	0 45	14 22	2 57	3 27
S 8	23 26	25 25	4 26	23 29	1 30	24 11	0 45	7 3	3 0	0 22	1 22	21 38	0 1	19 18	0 38	22 24	0 50	14 35	16 38	0 48	0 46	14 25	2 57	3 27
M 9	23 28	21 46	3 48	23 9	1 23	24 11	0 47	6 50	3 1	0 23	1 22	21 39	0 1	19 19	0 38	22 24	0 50	14 35	16 38	0 52	0 47	14 28	2 57	3 28
T 10	23 29	16 58	2 56	22 49	1 15	24 10	0 49	6 37	3 3	0 25	1 22	21 40	0 1	19 19	0 38	22 24	0 50	14 35	16 39	0 54	0 48	14 31	2 58	3 28
W11	23 30	11 16	1 54	22 28	1 7	24 8	0 51	6 25	3 5	0 26	1 21	21 40	0 0	19 20	0 38	22 24	0 50	14 35	16 39	0 55	0 50	14 34	2 58	3 28
T 12	23 30	4 58	0 45	22 7	0 59	24 6	0 53	6 12	3 7	0 28	1 21	21 41	0 0	19 20	0 38	22 23	0 50	14 36	16 39	0 56	0 51	14 37	2 59	3 28
F 13	23 30	1s41	0s29	21 44	0 49	24 2	0 55	6 0	3 8	0 30	1 21	21 42	0 0	19 21	0 38	22 23	0 50	14 36	16 40	0 56	0 52	14 40	2 59	3 28
S 14	23 29	8 21	1 41	21 22	0 39	23 59	0 57	5 47	3 10	0 31	1 21	21 42	0 0	19 21	0 38	22 23	0 50	14 36	16 40	0 56	0 53	14 44	2 59	3 28
S 15	23 28	14 41	2 49	20 59	0 29	23 54	0 59	5 35	3 12	0 33	1 20	21 43	0 0	19 22	0 39	22 23	0 50	14 36	16 40	0 57	0 55	14 47	3 0	3 28
M16	23 27	20 17	3 46	20 36	0 18	23 49	1 0	5 22	3 13	0 35	1 20	21 44	0 0	19 22	0 39	22 23	0 50	14 37	16 41	0 58	0 56	14 50	3 0	3 28
T 17	23 25	24 43	4 29	20 12	0 7	23 42	1 2	5 10	3 15	0 37	1 20	21 45	0s 0	19 23	0 39	22 23	0 50	14 37	16 41	1 1	0 57	14 53	3 0	3 29
W18	23 23	27 33	4 54	19 49	0s 5	23 36	1 4	4 58	3 17	0 39	1 20	21 45	0 0	19 23	0 39	22 23	0 50	14 37	16 42	1 5	0 59	14 56	3 0	3 29
T 19	23 20	28 30	5 0	19 25	0 17	23 28	1 6	4 46	3 19	0 41	1 19	21 46	0 0	19 24	0 39	22 22	0 50	14 38	16 42	1 9	1 0	14 59	3 1	3 29
F 20	23 17	27 31	4 48	19 2	0 30	23 20	1 7	4 34	3 20	0 44	1 19	21 47	0 0	19 24	0 39	22 22	0 50	14 38	16 42	1 14	1 1	15 2	3 1	3 29
S 21	23 13	24 49	4 18	18 39	0 43	23 11	1 9	4 22	3 22	0 46	1 19	21 48	0 0	19 25	0 39	22 22	0 50	14 38	16 43	1 18	1 2	15 5	3 1	3 29
S 22	23 10	20 47	3 34	18 17	0 56	23 2	1 10	4 10	3 24	0 48	1 19	21 48	0 1	19 25	0 39	22 22	0 50	14 39	16 43	1 21	1 4	15 8	3 1	3 29
M23	23 5	15 50	2 40	17 54	1 10	22 51	1 12	3 58	3 25	0 51	1 18	21 49	0 1	19 26	0 39	22 22	0 50	14 39	16 43	1 24	1 5	15 11	3 1	3 29
T 24	23 1	10 20	1 39	17 33	1 24	22 41	1 13	3 47	3 27	0 53	1 18	21 50	0 1	19 26	0 39	22 22	0 50	14 39	16 44	1 25	1 6	15 14	3 1	3 29
W25	22 56	4 34	0 35	17 12	1 38	22 29	1 15	3 35	3 29	0 55	1 18	21 51	0 1	19 27	0 39	22 22	0 50	14 40	16 44	1 26	1 7	15 17	3 1	3 30
T 26	22 50	1n14	0n29	16 52	1 52	22 17	1 16	3 24	3 31	0 58	1 18	21 51	0 1	19 27	0 39	22 21	0 50	14 40	16 44	1 26	1 9	15 20	3 1	3 30
F 27	22 44	6 54	1 32	16 33	2 7	22 4	1 17	3 13	3 32	1 0	1 17	21 52	0 1	19 28	0 39	22 21	0 50	14 40	16 45	1 26	1 10	15 23	3 2	3 30
S 28	22 38	12 17	2 29	16 15	2 21	21 51	1 19	3 1	3 34	1 3	1 17	21 53	0 1	19 29	0 39	22 21	0 50	14 41	16 45	1 26	1 11	15 26	3 2	3 30
S 29	22 31	17 14	3 20	15 58	2 36	21 36	1 20	2 50	3 36	1 6	1 17	21 54	0 1	19 29	0 39	22 21	0 50	14 41	16 46	1 27	1 12	15 29	3 2	3 30
M30	22n24	21n32	4n 3	15n43	2s50	21n22	1n21	2s39	3s37	1s 9	1n17	21s54	0s 1	19s30	0s39	22n21	0s50	14s42	16s46	1s28	1s14	15n32	3n 2	3n30

Julian Day Number = 2297573.5, Delta T = 122.82 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'26, Lahiri = 17°58'26 Julian Calendar 1 June 1578 == Greg. Calendar 11 June 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

JULY 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 13 44	18♋ 0'47	1♊31	7°R27	1♌57	2♈12	5♎56	20°R42	5°R45	9♋18	1°R38	26°R12	26♓52	3♉26	29°R31	T 1
W 2	19 17 41	18°58'02	13°45	7♌23	3°10	2°42	6° 2	20♑37	5♒43	9°20	1♈38	26♓ 3	26°49	3°33	29♓31	W 2
T 3	19 21 37	19°55'17	26°14	7°15	4°24	3°13	6° 9	20°33	5°41	9°23	1°38	25°52	26°45	3°39	29°30	T 3
F 4	19 25 34	20°52'34	8♋58	7° 2	5°38	3°43	6°16	20°28	5°39	9°25	1°38	25°41	26°42	3°46	29°30	F 4
S 5	19 29 31	21°49'50	21°58	6°44	6°51	4°13	6°23	20°24	5°36	9°27	1°37	25°30	26°39	3°53	29°29	S 5
S 6	19 33 27	22°47'07	5♌12	6°21	8° 5	4°42	6°30	20°20	5°34	9°29	1°37	25°21	26°36	4° 0	29°29	S 6
M 7	19 37 24	23°44'25	18°40	5°54	9°19	5°11	6°38	20°15	5°32	9°31	1°37	25°13	26°33	4° 6	29°28	M 7
T 8	19 41 20	24°41'43	2♍18	5°23	10°32	5°40	6°45	20°11	5°29	9°34	1°36	25° 9	26°30	4°13	29°27	T 8
W 9	19 45 17	25°39'02	16° 5	4°49	11°46	6° 8	6°53	20° 6	5°27	9°36	1°36	25° 7	26°26	4°20	29°26	W 9
T 10	19 49 13	26°36'21	29°59	4°11	13° 0	6°36	7° 0	20° 2	5°25	9°38	1°36	25°D 7	26°23	4°26	29°25	T 10
F 11	19 53 10	27°33'40	14♎ 1	3°31	14°13	7° 3	7° 8	19°57	5°22	9°40	1°35	25° 7	26°20	4°33	29°24	F 11
S 12	19 57 6	28°31'00	28° 7	2°48	15°27	7°30	7°16	19°53	5°20	9°42	1°35	25°R 8	26°17	4°40	29°23	S 12
S 13	20 1 3	29°28'20	12♏18	2° 5	16°40	7°57	7°24	19°49	5°18	9°44	1°34	25° 7	26°14	4°46	29°22	S 13
M14	20 5 0	0♌25'41	26°32	1°20	17°54	8°23	7°32	19°44	5°15	9°46	1°34	25° 4	26°11	4°53	29°21	M14
T 15	20 8 56	1°23'03	10♐46	0°36	19° 8	8°49	7°40	19°40	5°13	9°49	1°33	25° 0	26° 7	5° 0	29°20	T 15
W16	20 12 53	2°20'25	24°57	29♋53	20°21	9°14	7°49	19°36	5°10	9°51	1°33	24°53	26° 4	5° 6	29°19	W16
T 17	20 16 49	3°17'48	9♑ 1	29°12	21°35	9°39	7°57	19°32	5° 8	9°53	1°32	24°45	26° 1	5°13	29°18	T 17
F 18	20 20 46	4°15'11	22°52	28°33	22°48	10° 4	8° 6	19°27	5° 6	9°55	1°32	24°37	25°58	5°20	29°17	F 18
S 19	20 24 42	5°12'36	6♒28	27°58	24° 2	10°28	8°15	19°23	5° 3	9°57	1°31	24°29	25°55	5°26	29°15	S 19
S 20	20 28 39	6°10'01	19°46	27°27	25°15	10°51	8°24	19°19	5° 1	9°59	1°31	24°23	25°51	5°33	29°14	S 20
M21	20 32 36	7° 7'28	2♓44	27° 1	26°29	11°14	8°32	19°15	4°58	10° 1	1°30	24°19	25°48	5°40	29°12	M21
T 22	20 36 32	8° 4'55	15°23	26°40	27°42	11°36	8°42	19°11	4°56	10° 3	1°30	24°17	25°45	5°46	29°11	T 22
W23	20 40 29	9° 2'24	27°44	26°24	28°56	11°58	8°51	19° 7	4°54	10° 5	1°29	24°D16	25°42	5°53	29° 9	W23
T 24	20 44 25	9°59'54	9♈52	26°15	0♍ 9	12°20	9° 0	19° 3	4°51	10° 7	1°28	24°17	25°39	6° 0	29° 8	T 24
F 25	20 48 22	10°57'25	21°48	26°D12	1°23	12°41	9° 9	18°59	4°49	10° 9	1°28	24°19	25°36	6° 6	29° 6	F 25
S 26	20 52 18	11°54'58	3♉40	26°17	2°36	13° 1	9°19	18°55	4°46	10°11	1°27	24°20	25°32	6°13	29° 5	S 26
S 27	20 56 15	12°52'32	15°31	26°28	3°50	13°21	9°28	18°51	4°44	10°13	1°26	24°R20	25°29	6°20	29° 3	S 27
M28	21 0 11	13°50'08	27°26	26°46	5° 3	13°40	9°38	18°47	4°42	10°15	1°25	24°19	25°26	6°26	29° 1	M28
T 29	21 4 8	14°47'45	9♊31	27°11	6°17	13°58	9°48	18°44	4°39	10°17	1°25	24°16	25°23	6°33	28°59	T 29
W30	21 8 5	15°45'24	21°49	27°43	7°30	14°16	9°57	18°40	4°37	10°19	1°24	24°12	25°20	6°40	28°58	W30
T 31	21 12 1	16♌43'05	4♋24	28♋23	8♍44	14♈33	10♎ 7	18♑36	4♒35	10♋21	1♈23	24♓ 7	25♓17	6♉46	28♓56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n17	25n 0	4n35	15n29	3s 4	21n 6	1n22	2s28	3s39	1s11	1n17	21s55	0s 1	19s30	0s39	22n21	0s50	14s42	16s46	1s31	1s15	15n34	3n 1	3n30
W 2	22 9	27 24	4 56	15 16	3 18	20 50	1 23	2 18	3 41	1 14	1 16	21 56	0 1	19 31	0 39	22 21	0 50	14 42	16 47	1 35	1 16	15 37	3 1	3 30
T 3	22 1	28 29	5 3	15 5	3 32	20 34	1 24	2 7	3 42	1 17	1 16	21 57	0 1	19 31	0 39	22 20	0 50	14 43	16 47	1 39	1 18	15 40	3 1	3 31
F 4	21 52	28 6	4 55	14 56	3 45	20 17	1 25	1 57	3 44	1 20	1 16	21 57	0 2	19 32	0 39	22 20	0 50	14 43	16 47	1 43	1 19	15 43	3 1	3 31
S 5	21 43	26 10	4 32	14 48	3 57	19 59	1 26	1 46	3 46	1 23	1 16	21 58	0 2	19 33	0 39	22 20	0 50	14 44	16 48	1 48	1 20	15 46	3 1	3 31
S 6	21 34	22 47	3 53	14 43	4 9	19 41	1 27	1 36	3 47	1 26	1 15	21 59	0 2	19 33	0 39	22 20	0 50	14 44	16 48	1 51	1 21	15 49	3 1	3 31
M 7	21 24	18 9	3 2	14 39	4 19	19 22	1 27	1 26	3 49	1 29	1 15	22 0	0 2	19 34	0 39	22 20	0 50	14 44	16 48	1 54	1 23	15 52	3 1	3 31
T 8	21 14	12 32	1 59	14 37	4 29	19 3	1 28	1 16	3 51	1 32	1 15	22 0	0 2	19 34	0 39	22 20	0 50	14 45	16 49	1 56	1 24	15 55	3 1	3 31
W 9	21 4	6 15	0 48	14 37	4 37	18 43	1 28	1 7	3 52	1 35	1 15	22 1	0 2	19 35	0 39	22 20	0 49	14 45	16 49	1 57	1 25	15 58	3 0	3 31
T 10	20 53	0s24	0s26	14 39	4 44	18 23	1 29	0 57	3 54	1 39	1 15	22 2	0 2	19 35	0 39	22 19	0 49	14 46	16 49	1 57	1 26	16 1	3 0	3 31
F 11	20 42	7 4	1 39	14 43	4 49	18 2	1 29	0 48	3 55	1 42	1 14	22 3	0 2	19 36	0 39	22 19	0 49	14 46	16 50	1 57	1 28	16 4	3 0	3 31
S 12	20 30	13 26	2 47	14 49	4 53	17 40	1 30	0 39	3 57	1 45	1 14	22 3	0 2	19 37	0 39	22 19	0 49	14 47	16 50	1 56	1 29	16 7	2 59	3 32
S 13	20 19	19 8	3 45	14 57	4 55	17 18	1 30	0 30	3 59	1 49	1 14	22 4	0 2	19 37	0 39	22 19	0 49	14 47	16 51	1 57	1 30	16 10	2 59	3 32
M14	20 6	23 47	4 29	15 6	4 55	16 56	1 30	0 21	4 0	1 52	1 14	22 5	0 2	19 38	0 39	22 19	0 49	14 48	16 51	1 58	1 31	16 13	2 59	3 32
T 15	19 54	27 1	4 57	15 17	4 54	16 33	1 30	0 12	4 2	1 56	1 14	22 6	0 3	19 38	0 39	22 19	0 49	14 48	16 51	2 0	1 33	16 16	2 58	3 32
W16	19 41	28 30	5 6	15 29	4 51	16 10	1 31	0 3	4 3	1 59	1 13	22 6	0 3	19 39	0 39	22 18	0 49	14 49	16 52	2 2	1 34	16 19	2 58	3 32
T 17	19 28	28 7	4 57	15 42	4 46	15 46	1 31	0n 5	4 5	2 3	1 13	22 7	0 3	19 40	0 39	22 18	0 49	14 49	16 52	2 5	1 35	16 22	2 58	3 32
F 18	19 14	25 59	4 30	15 57	4 39	15 22	1 31	0 13	4 6	2 6	1 13	22 8	0 3	19 40	0 39	22 18	0 49	14 50	16 52	2 9	1 36	16 24	2 57	3 32
S 19	19 1	22 23	3 48	16 12	4 30	14 58	1 30	0 21	4 8	2 10	1 13	22 8	0 3	19 41	0 39	22 18	0 49	14 50	16 52	2 12	1 38	16 27	2 57	3 32
S 20	18 47	17 41	2 55	16 28	4 21	14 33	1 30	0 29	4 9	2 13	1 13	22 9	0 3	19 41	0 39	22 18	0 49	14 51	16 53	2 14	1 39	16 30	2 56	3 32
M21	18 32	12 17	1 54	16 44	4 9	14 8	1 30	0 36	4 11	2 17	1 12	22 10	0 3	19 42	0 39	22 18	0 50	14 51	16 53	2 16	1 40	16 33	2 56	3 33
T 22	18 17	6 31	0 48	17 0	3 57	13 42	1 30	0 44	4 12	2 21	1 12	22 10	0 3	19 43	0 39	22 18	0 50	14 52	16 53	2 17	1 42	16 36	2 55	3 33
W23	18 2	0 37	0n19	17 16	3 43	13 16	1 29	0 51	4 14	2 25	1 12	22 11	0 3	19 43	0 39	22 17	0 50	14 52	16 54	2 17	1 43	16 39	2 55	3 33
T 24	17 47	5n12	1 23	17 32	3 29	12 50	1 29	0 58	4 15	2 29	1 12	22 12	0 3	19 44	0 39	22 17	0 50	14 53	16 54	2 16	1 44	16 42	2 54	3 33
F 25	17 31	10 44	2 24	17 48	3 13	12 23	1 28	1 5	4 17	2 32	1 12	22 12	0 3	19 44	0 39	22 17	0 50	14 53	16 54	2 16	1 45	16 45	2 54	3 33
S 26	17 16	15 51	3 17	18 3	2 57	11 56	1 28	1 11	4 18	2 36	1 11	22 13	0 3	19 45	0 39	22 17	0 50	14 54	16 55	2 15	1 47	16 48	2 53	3 33
S 27	16 59	20 23	4 2	18 17	2 41	11 29	1 27	1 18	4 19	2 40	1 11	22 14	0 4	19 45	0 39	22 17	0 50	14 55	16 55	2 15	1 48	16 50	2 53	3 33
M28	16 43	24 8	4 37	18 30	2 24	11 1	1 26	1 24	4 21	2 44	1 11	22 14	0 4	19 46	0 39	22 17	0 50	14 55	16 55	2 16	1 49	16 53	2 52	3 33
T 29	16 26	26 53	5 0	18 42	2 7	10 33	1 26	1 30	4 22	2 48	1 11	22 15	0 4	19 47	0 39	22 16	0 50	14 56	16 55	2 17	1 50	16 56	2 51	3 33
W30	16 9	28 24	5 10	18 52	1 50	10 5	1 25	1 36	4 23	2 52	1 11	22 15	0 4	19 47	0 39	22 16	0 50	14 56	16 56	2 19	1 52	16 59	2 51	3 33
T 31	15n52	28n31	5n 6	19n 1	1s33	9n37	1n24	1n41	4s24	2s56	1n11	22s16	0s 4	19s48	0s39	22n16	0s50	14s57	16s56	2s21	1s53	17n 2	2n50	3n33

Julian Day Number = 2297603.5, Delta T = 122.68 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'30, Lahiri = 17°58'30 Julian Calendar 1 July 1578 == Greg. Calendar 11 July 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

AUGUST 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 15 58	17♌40'46	17♋18	29♋ 9	9♍57	14♈50	10♎17	18°R33	4°R32	10♋22	1°R22	24°R 1	25♓13	6♉53	28°R54	F 1
S 2	21 19 54	18°38'30	0♌33	0♌ 2	11°11	15° 5	10°28	18♏29	4♒30	10°24	1♈22	23♓55	25°10	7° 0	28♓52	S 2
S 3	21 23 51	19°36'14	14° 6	1° 2	12°24	15°21	10°38	18°26	4°28	10°26	1°21	23°50	25° 7	7° 6	28°50	S 3
M 4	21 27 47	20°34'00	27°56	2° 8	13°38	15°35	10°48	18°22	4°26	10°28	1°20	23°46	25° 4	7°13	28°48	M 4
T 5	21 31 44	21°31'48	11♍59	3°21	14°51	15°49	10°58	18°19	4°23	10°30	1°19	23°44	25° 1	7°20	28°46	T 5
W 6	21 35 40	22°29'37	26°12	4°39	16° 5	16° 2	11° 9	18°16	4°21	10°31	1°18	23°D44	24°57	7°27	28°44	W 6
T 7	21 39 37	23°27'26	10♎30	6° 2	17°18	16°14	11°19	18°12	4°19	10°33	1°17	23°44	24°54	7°33	28°41	T 7
F 8	21 43 34	24°25'18	24°49	7°31	18°31	16°26	11°30	18° 9	4°17	10°35	1°16	23°46	24°51	7°40	28°39	F 8
S 9	21 47 30	25°23'10	9♏ 7	9° 5	19°45	16°37	11°41	18° 6	4°14	10°37	1°16	23°47	24°48	7°47	28°37	S 9
S 10	21 51 27	26°21'04	23°20	10°43	20°58	16°47	11°51	18° 3	4°12	10°38	1°15	23°R48	24°45	7°53	28°35	S 10
M11	21 55 23	27°18'59	7♐27	12°24	22°11	16°56	12° 2	18° 0	4°10	10°40	1°14	23°47	24°42	8° 0	28°33	M11
T 12	21 59 20	28°16'55	21°26	14° 9	23°25	17° 4	12°13	17°57	4° 8	10°42	1°13	23°46	24°38	8° 7	28°30	T 12
W13	22 3 16	29°14'53	5♑15	15°57	24°38	17°12	12°24	17°55	4° 6	10°43	1°12	23°43	24°35	8°13	28°28	W13
T 14	22 7 13	0♍12'52	18°53	17°47	25°51	17°19	12°35	17°52	4° 4	10°45	1°11	23°40	24°32	8°20	28°25	T 14
F 15	22 11 9	1°10'53	2♒18	19°39	27° 5	17°25	12°46	17°49	4° 2	10°46	1°10	23°37	24°29	8°27	28°23	F 15
S 16	22 15 6	2° 8'55	15°29	21°33	28°18	17°31	12°58	17°47	4° 0	10°48	1° 9	23°34	24°26	8°33	28°21	S 16
S 17	22 19 3	3° 6'58	28°26	23°28	29°31	17°35	13° 9	17°44	3°58	10°50	1° 8	23°31	24°23	8°40	28°18	S 17
M18	22 22 59	4° 5'03	11♓ 7	25°24	0♎44	17°39	13°20	17°42	3°56	10°51	1° 7	23°30	24°19	8°47	28°16	M18
T 19	22 26 56	5° 3'10	23°35	27°21	1°57	17°41	13°32	17°40	3°54	10°52	1° 6	23°D29	24°16	8°53	28°13	T 19
W20	22 30 52	6° 1'19	5♈49	29°17	3°11	17°43	13°43	17°37	3°52	10°54	1° 5	23°30	24°13	9° 0	28°11	W20
T 21	22 34 49	6°59'29	17°52	1♍14	4°24	17°44	13°55	17°35	3°50	10°55	1° 4	23°31	24°10	9° 7	28° 8	T 21
F 22	22 38 45	7°57'42	29°47	3°10	5°37	17°R45	14° 6	17°33	3°48	10°57	1° 3	23°32	24° 7	9°13	28° 5	F 22
S 23	22 42 42	8°55'56	11♉38	5° 6	6°50	17°44	14°18	17°31	3°46	10°58	1° 1	23°34	24° 3	9°20	28° 3	S 23
S 24	22 46 38	9°54'13	23°29	7° 2	8° 3	17°42	14°30	17°30	3°44	10°59	1° 0	23°35	24° 0	9°27	28° 0	S 24
M25	22 50 35	10°52'31	5♊24	8°57	9°16	17°40	14°41	17°28	3°43	11° 1	0°59	23°35	23°57	9°34	27°58	M25
T 26	22 54 31	11°50'52	17°27	10°51	10°29	17°36	14°53	17°26	3°41	11° 2	0°58	23°R35	23°54	9°40	27°55	T 26
W27	22 58 28	12°49'15	29°45	12°44	11°42	17°32	15° 5	17°24	3°39	11° 3	0°57	23°35	23°51	9°47	27°52	W27
T 28	23 2 25	13°47'40	12♋20	14°36	12°55	17°27	15°17	17°23	3°38	11° 5	0°56	23°34	23°48	9°54	27°50	T 28
F 29	23 6 21	14°46'07	25°17	16°27	14° 8	17°21	15°29	17°22	3°36	11° 6	0°55	23°33	23°44	10° 0	27°47	F 29
S 30	23 10 18	15°44'37	8♌37	18°17	15°21	17°14	15°41	17°20	3°34	11° 7	0°54	23°32	23°41	10° 7	27°44	S 30
S 31	23 14 14	16♍43'08	22♌20	20♍ 7	16♎34	17♈ 7	15♎53	17♏19	3♒33	11♋ 8	0♈53	23♓31	23♓38	10♉14	27♓41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n34	27n 5	4n45	19n 7	1s17	9n 8	1n23	1n46	4s26	3s 0	1n10	22s16	0s 4	19s48	0s39	22n16	0s50	14s57	16s56	2s23	1s54	17n 5	2n49	3n33
S 2	15 16	24 9	4 10	19 12	1 0	8 39	1 22	1 51	4 27	3 4	1 10	22 17	0 4	19 49	0 39	22 16	0 50	14 58	16 57	2 25	1 55	17 8	2 49	3 33
S 3	14 58	19 49	3 19	19 15	0 44	8 10	1 21	1 56	4 28	3 9	1 10	22 18	0 4	19 49	0 39	22 16	0 50	14 58	16 57	2 27	1 57	17 10	2 48	3 34
M 4	14 40	14 21	2 16	19 16	0 29	7 40	1 19	2 1	4 29	3 13	1 10	22 18	0 4	19 50	0 39	22 16	0 50	14 59	16 57	2 29	1 58	17 13	2 47	3 34
T 5	14 22	8 4	1 4	19 14	0 14	7 11	1 18	2 5	4 30	3 17	1 10	22 19	0 4	19 50	0 39	22 15	0 50	15 0	16 57	2 30	1 59	17 16	2 46	3 34
W 6	14 3	1 18	0s14	19 9	0n 0	6 41	1 17	2 9	4 31	3 21	1 10	22 19	0 4	19 51	0 39	22 15	0 50	15 0	16 58	2 30	2 0	17 19	2 46	3 34
T 7	13 44	5s33	1 31	19 2	0 14	6 11	1 15	2 13	4 32	3 25	1 9	22 20	0 4	19 52	0 39	22 15	0 50	15 1	16 58	2 30	2 2	17 22	2 45	3 34
F 8	13 25	12 9	2 42	18 51	0 26	5 41	1 14	2 16	4 33	3 30	1 9	22 20	0 5	19 52	0 39	22 15	0 50	15 1	16 58	2 29	2 3	17 25	2 44	3 34
S 9	13 5	18 6	3 43	18 38	0 38	5 11	1 12	2 20	4 34	3 34	1 9	22 21	0 5	19 53	0 39	22 15	0 50	15 2	16 58	2 28	2 4	17 27	2 43	3 34
S 10	12 46	23 1	4 31	18 23	0 49	4 40	1 11	2 23	4 35	3 38	1 9	22 21	0 5	19 53	0 39	22 15	0 50	15 2	16 59	2 28	2 6	17 30	2 42	3 34
M11	12 26	26 33	5 1	18 4	0 59	4 10	1 9	2 25	4 36	3 43	1 9	22 22	0 5	19 54	0 39	22 15	0 50	15 3	16 59	2 28	2 7	17 33	2 41	3 34
T 12	12 6	28 26	5 14	17 42	1 8	3 39	1 7	2 28	4 36	3 47	1 9	22 22	0 5	19 54	0 39	22 14	0 50	15 4	16 59	2 29	2 8	17 36	2 40	3 34
W13	11 46	28 31	5 8	17 18	1 16	3 8	1 5	2 30	4 37	3 52	1 9	22 23	0 5	19 55	0 39	22 14	0 50	15 4	16 59	2 30	2 9	17 39	2 40	3 34
T 14	11 25	26 51	4 44	16 51	1 23	2 37	1 3	2 32	4 38	3 56	1 8	22 23	0 5	19 55	0 39	22 14	0 50	15 5	16 59	2 31	2 11	17 41	2 39	3 34
F 15	11 5	23 41	4 5	16 22	1 29	2 6	1 2	2 34	4 38	4 1	1 8	22 23	0 5	19 56	0 39	22 14	0 50	15 5	17 0	2 33	2 12	17 44	2 38	3 34
S 16	10 44	19 19	3 14	15 50	1 34	1 35	1 0	2 36	4 39	4 5	1 8	22 24	0 5	19 56	0 39	22 14	0 50	15 6	17 0	2 34	2 13	17 47	2 37	3 34
S 17	10 23	14 8	2 14	15 17	1 39	1 4	0 57	2 37	4 39	4 10	1 8	22 24	0 5	19 56	0 39	22 14	0 50	15 6	17 0	2 35	2 14	17 50	2 36	3 34
M18	10 2	8 27	1 8	14 41	1 42	0 33	0 55	2 38	4 40	4 14	1 8	22 25	0 5	19 57	0 39	22 14	0 50	15 7	17 0	2 35	2 16	17 52	2 35	3 34
T 19	9 41	2 33	0n 0	14 4	1 45	0 2	0 53	2 39	4 40	4 19	1 8	22 25	0 5	19 57	0 39	22 13	0 50	15 8	17 0	2 35	2 17	17 55	2 34	3 34
W20	9 19	3n21	1 8	13 24	1 46	0s29	0 51	2 39	4 40	4 23	1 8	22 25	0 6	19 58	0 39	22 13	0 50	15 8	17 1	2 35	2 18	17 58	2 33	3 34
T 21	8 58	9 2	2 11	12 44	1 47	1 0	0 49	2 39	4 40	4 28	1 8	22 26	0 6	19 58	0 39	22 13	0 50	15 9	17 1	2 35	2 19	18 1	2 32	3 34
F 22	8 36	14 21	3 7	12 2	1 47	1 32	0 46	2 39	4 40	4 32	1 7	22 26	0 6	19 59	0 39	22 13	0 50	15 9	17 1	2 34	2 21	18 4	2 31	3 34
S 23	8 14	19 6	3 56	11 19	1 47	2 3	0 44	2 39	4 40	4 37	1 7	22 26	0 6	19 59	0 39	22 13	0 50	15 10	17 1	2 34	2 22	18 6	2 30	3 34
S 24	7 52	23 6	4 34	10 35	1 46	2 34	0 42	2 39	4 40	4 42	1 7	22 27	0 6	19 59	0 39	22 13	0 50	15 10	17 1	2 33	2 23	18 9	2 29	3 34
M25	7 30	26 11	5 1	9 51	1 44	3 5	0 39	2 38	4 40	4 46	1 7	22 27	0 6	20 0	0 39	22 13	0 50	15 11	17 1	2 33	2 24	18 12	2 28	3 34
T 26	7 8	28 8	5 15	9 5	1 42	3 36	0 37	2 37	4 40	4 51	1 7	22 27	0 6	20 0	0 39	22 13	0 50	15 11	17 1	2 33	2 26	18 15	2 27	3 34
W27	6 46	28 45	5 15	8 19	1 39	4 7	0 34	2 36	4 39	4 56	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 12	17 2	2 33	2 27	18 17	2 25	3 34
T 28	6 23	27 54	5 0	7 33	1 36	4 38	0 31	2 34	4 39	5 0	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 13	17 2	2 34	2 28	18 20	2 24	3 34
F 29	6 1	25 33	4 30	6 46	1 32	5 9	0 29	2 32	4 38	5 5	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 13	17 2	2 34	2 30	18 23	2 23	3 34
S 30	5 38	21 45	3 44	6 0	1 28	5 40	0 26	2 30	4 38	5 10	1 7	22 28	0 6	20 2	0 39	22 12	0 50	15 14	17 2	2 35	2 31	18 25	2 22	3 34
S 31	5n15	16n41	2n44	5n12	1n24	6s10	0n23	2n28	4s37	5s15	1n 6	22s29	0s 6	20s 2	0s39	22n12	0s50	15s14	17s 2	2s35	2s32	18n28	2n21	3n34

Julian Day Number = 2297634.5, Delta T = 122.52 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'34, Lahiri = 17°58'35 Julian Calendar 1 Aug. 1578 == Greg. Calendar 11 Aug. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

SEPTEMBER 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 18 11	17♍41'41	6♍26	21♍55	17♎47	16°R58	16♎ 5	17°R18	3°R31	11♋ 9	0°R51	23°R30	23♓35	10♉20	27°R39	M 1
T 2	23 22 7	18°40'17	20°51	23°42	19° 0	16♈49	16°18	17♑17	3♒30	11°10	0♈50	23°D30	23°32	10°27	27♓36	T 2
W 3	23 26 4	19°38'54	5♎29	25°28	20°13	16°39	16°30	17°16	3°28	11°11	0°49	23♓30	23°28	10°34	27°33	W 3
T 4	23 30 0	20°37'33	20°14	27°13	21°26	16°28	16°42	17°15	3°27	11°12	0°48	23°30	23°25	10°40	27°30	T 4
F 5	23 33 57	21°36'14	4♏59	28°57	22°39	16°16	16°55	17°14	3°26	11°13	0°47	23°31	23°22	10°47	27°27	F 5
S 6	23 37 54	22°34'57	19°37	0♎40	23°52	16° 4	17° 7	17°14	3°24	11°14	0°46	23°31	23°19	10°54	27°25	S 6
S 7	23 41 50	23°33'41	4♐ 4	2°22	25° 5	15°51	17°19	17°13	3°23	11°15	0°44	23°R31	23°16	11° 0	27°22	S 7
M 8	23 45 47	24°32'28	18°15	4° 4	26°18	15°37	17°32	17°13	3°22	11°16	0°43	23°D31	23°13	11° 7	27°19	M 8
T 9	23 49 43	25°31'16	2♑ 9	5°44	27°30	15°23	17°44	17°12	3°21	11°17	0°42	23°31	23° 9	11°14	27°16	T 9
W10	23 53 40	26°30'05	15°46	7°23	28°43	15° 8	17°57	17°12	3°20	11°18	0°41	23°31	23° 6	11°20	27°13	W10
T 11	23 57 36	27°28'57	29° 5	9° 1	29°56	14°52	18° 9	17°12	3°18	11°19	0°40	23°31	23° 3	11°27	27°11	T 11
F 12	0 1 33	28°27'50	12♒ 9	10°38	1♏ 9	14°36	18°22	17°D12	3°17	11°20	0°39	23°32	23° 0	11°34	27° 8	F 12
S 13	0 5 29	29°26'45	24°57	12°15	2°21	14°20	18°35	17°12	3°16	11°20	0°37	23°32	22°57	11°41	27° 5	S 13
S 14	0 9 26	0♎25'42	7♓33	13°50	3°34	14° 3	18°47	17°12	3°15	11°21	0°36	23°33	22°54	11°47	27° 2	S 14
M15	0 13 23	1°24'40	19°56	15°25	4°47	13°45	19° 0	17°12	3°15	11°22	0°35	23°R33	22°50	11°54	26°59	M15
T 16	0 17 19	2°23'41	2♈10	16°59	5°59	13°27	19°13	17°13	3°14	11°22	0°34	23°33	22°47	12° 1	26°56	T 16
W17	0 21 16	3°22'44	14°14	18°32	7°12	13° 9	19°26	17°13	3°13	11°23	0°33	23°32	22°44	12° 7	26°54	W17
T 18	0 25 12	4°21'49	26°12	20° 4	8°24	12°51	19°38	17°14	3°12	11°24	0°31	23°31	22°41	12°14	26°51	T 18
F 19	0 29 9	5°20'56	8♉ 5	21°35	9°37	12°33	19°51	17°14	3°11	11°24	0°30	23°30	22°38	12°21	26°48	F 19
S 20	0 33 5	6°20'05	19°55	23° 6	10°49	12°14	20° 4	17°15	3°11	11°25	0°29	23°28	22°34	12°27	26°45	S 20
S 21	0 37 2	7°19'17	1♊45	24°35	12° 2	11°55	20°17	17°16	3°10	11°25	0°28	23°26	22°31	12°34	26°43	S 21
M22	0 40 58	8°18'30	13°40	26° 4	13°14	11°36	20°30	17°17	3° 9	11°26	0°27	23°24	22°28	12°41	26°40	M22
T 23	0 44 55	9°17'47	25°42	27°32	14°27	11°17	20°43	17°18	3° 9	11°26	0°26	23°23	22°25	12°47	26°37	T 23
W24	0 48 52	10°17'05	7♋57	28°59	15°39	10°58	20°56	17°19	3° 8	11°27	0°24	23°D22	22°22	12°54	26°34	W24
T 25	0 52 48	11°16'26	20°27	0♏26	16°51	10°39	21° 9	17°20	3° 8	11°27	0°23	23°22	22°19	13° 1	26°32	T 25
F 26	0 56 45	12°15'49	3♌19	1°51	18° 4	10°21	21°22	17°22	3° 8	11°27	0°22	23°23	22°15	13° 8	26°29	F 26
S 27	1 0 41	13°15'15	16°35	3°16	19°16	10° 2	21°35	17°23	3° 7	11°27	0°21	23°25	22°12	13°14	26°26	S 27
S 28	1 4 38	14°14'43	0♍17	4°40	20°28	9°44	21°48	17°25	3° 7	11°28	0°20	23°26	22° 9	13°21	26°24	S 28
M29	1 8 34	15°14'13	14°26	6° 2	21°41	9°25	22° 1	17°26	3° 7	11°28	0°19	23°27	22° 6	13°28	26°21	M29
T 30	1 12 31	16♎13'45	29♍ 0	7♏24	22♏53	9♈ 8	22♎14	17♑28	3♒ 6	11♋28	0♈18	23°R27	22♓ 3	13♉34	26♓18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n52	10n37	1n33	4n25	1n19	6s41	0n20	2n26	4s36	5s19	1n 6	22s29	0s 6	20s 2	0s39	22n12	0s50	15s15	17s 2	2s35	2s33	18n31	2n20	3n34
T 2	4 30	3 52	0 15	3 38	1 14	7 11	0 18	2 23	4 35	5 24	1 6	22 29	0 6	20 3	0 39	22 12	0 50	15 15	17 2	2 35	2 35	18 34	2 19	3 34
W 3	4 6	3s12	1s 6	2 51	1 8	7 42	0 15	2 20	4 34	5 29	1 6	22 29	0 7	20 3	0 39	22 12	0 50	15 16	17 2	2 35	2 36	18 36	2 18	3 34
T 4	3 43	10 8	2 23	2 4	1 3	8 12	0 12	2 17	4 33	5 34	1 6	22 29	0 7	20 3	0 39	22 12	0 50	15 16	17 2	2 35	2 37	18 39	2 16	3 34
F 5	3 20	16 31	3 30	1 17	0 57	8 42	0 9	2 14	4 31	5 39	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 17	17 2	2 35	2 38	18 42	2 15	3 34
S 6	2 57	21 54	4 24	0 31	0 51	9 11	0 6	2 11	4 30	5 43	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 17	17 2	2 35	2 40	18 44	2 14	3 34
S 7	2 34	25 54	4 59	0s16	0 45	9 41	0 3	2 7	4 28	5 48	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 18	17 3	2 35	2 41	18 47	2 13	3 34
M 8	2 10	28 13	5 16	1 2	0 38	10 10	0s 0	2 4	4 26	5 53	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 18	17 3	2 35	2 42	18 50	2 12	3 34
T 9	1 47	28 42	5 14	1 48	0 32	10 40	0 3	2 0	4 24	5 58	1 6	22 30	0 7	20 5	0 39	22 11	0 50	15 19	17 3	2 35	2 43	18 52	2 11	3 34
W10	1 24	27 25	4 54	2 33	0 25	11 8	0 6	1 56	4 22	6 3	1 6	22 30	0 7	20 5	0 39	22 11	0 50	15 19	17 3	2 35	2 45	18 55	2 9	3 33
T 11	1 0	24 36	4 18	3 18	0 18	11 37	0 9	1 52	4 20	6 8	1 5	22 30	0 7	20 5	0 38	22 11	0 50	15 20	17 3	2 35	2 46	18 58	2 8	3 33
F 12	0 37	20 33	3 30	4 3	0 11	12 6	0 12	1 48	4 18	6 13	1 5	22 30	0 7	20 5	0 38	22 11	0 50	15 20	17 3	2 35	2 47	19 0	2 7	3 33
S 13	0 13	15 37	2 32	4 47	0 4	12 34	0 15	1 44	4 16	6 18	1 5	22 30	0 7	20 6	0 38	22 11	0 50	15 21	17 3	2 34	2 48	19 3	2 6	3 33
S 14	0s10	10 7	1 28	5 31	0s 3	13 2	0 19	1 40	4 13	6 22	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 21	17 3	2 34	2 50	19 6	2 5	3 33
M15	0 34	4 18	0 20	6 14	0 10	13 29	0 22	1 35	4 10	6 27	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 22	17 3	2 34	2 51	19 8	2 3	3 33
T 16	0 57	1n35	0n48	6 57	0 17	13 56	0 25	1 31	4 8	6 32	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 22	17 3	2 34	2 52	19 11	2 2	3 33
W17	1 21	7 21	1 52	7 39	0 24	14 23	0 28	1 27	4 5	6 37	1 5	22 31	0 8	20 6	0 38	22 10	0 50	15 23	17 3	2 34	2 53	19 14	2 1	3 33
T 18	1 44	12 48	2 51	8 21	0 32	14 50	0 31	1 23	4 2	6 42	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 23	17 3	2 35	2 55	19 16	2 0	3 33
F 19	2 8	17 44	3 42	9 2	0 39	15 16	0 34	1 18	3 59	6 47	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 24	17 3	2 35	2 56	19 19	1 59	3 33
S 20	2 31	21 59	4 24	9 43	0 46	15 42	0 38	1 14	3 55	6 52	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 24	17 3	2 36	2 57	19 22	1 57	3 33
S 21	2 55	25 21	4 54	10 22	0 53	16 8	0 41	1 10	3 52	6 57	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 37	2 58	19 24	1 56	3 32
M22	3 18	27 39	5 11	11 2	1 0	16 33	0 44	1 5	3 49	7 2	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 38	3 0	19 27	1 55	3 32
T 23	3 42	28 41	5 16	11 40	1 7	16 58	0 47	1 1	3 45	7 6	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 38	3 1	19 29	1 54	3 32
W24	4 5	28 21	5 6	12 18	1 14	17 22	0 50	0 57	3 41	7 11	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 26	17 3	2 38	3 2	19 32	1 53	3 32
T 25	4 28	26 34	4 41	12 55	1 21	17 46	0 54	0 53	3 38	7 16	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 26	17 2	2 38	3 3	19 35	1 51	3 32
F 26	4 51	23 23	4 2	13 31	1 28	18 10	0 57	0 49	3 34	7 21	1 4	22 30	0 8	20 7	0 38	22 10	0 50	15 27	17 2	2 38	3 5	19 37	1 50	3 32
S 27	5 15	18 55	3 10	14 7	1 35	18 33	1 0	0 46	3 30	7 26	1 4	22 30	0 8	20 7	0 38	22 10	0 50	15 27	17 2	2 37	3 6	19 40	1 49	3 32
S 28	5 38	13 20	2 4	14 42	1 41	18 55	1 3	0 42	3 26	7 31	1 4	22 30	0 8	20 8	0 38	22 10	0 50	15 27	17 2	2 37	3 7	19 42	1 48	3 32
M29	6 1	6 54	0 50	15 16	1 48	19 18	1 6	0 39	3 22	7 36	1 4	22 30	0 8	20 8	0 38	22 10	0 50	15 28	17 2	2 36	3 9	19 45	1 47	3 31
T 30	6s24	0s 4	0s30	15s49	1s54	19s39	1s 9	0n36	3s18	7s41	1n 4	22s30	0s 8	20s 8	0s38	22n10	0s50	15s28	17s 2	2s36	3s10	19n48	1n46	3n31

Julian Day Number = 2297665.5, Delta T = 122.37 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'38, Lahiri = 17°58'39 Julian Calendar 1 Sept. 1578 == Greg. Calendar 11 Sept. 1578

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1578
geocentric

OCTOBER 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 16 27	17♎13'19	13♎53	8♏45	24♏ 5	8°R50	22♎27	17♑30	3°R 6	11♋28	0°R16	23°R26	22♓ 0	13♉41	26°R16	W 1
T 2	1 20 24	18°12'56	28°59	10° 4	25°17	8♈33	22°40	17°32	3♒ 6	11°28	0♈15	23♓24	21°56	13°48	26♓13	T 2
F 3	1 24 21	19°12'34	14♏ 8	11°23	26°29	8°17	22°53	17°34	3°D 6	11°29	0°14	23°21	21°53	13°54	26°11	F 3
S 4	1 28 17	20°12'15	29° 9	12°40	27°41	8° 1	23° 6	17°36	3° 6	11°29	0°13	23°17	21°50	14° 1	26° 8	S 4
S 5	1 32 14	21°11'57	13♐56	13°56	28°53	7°45	23°19	17°38	3° 6	11°R29	0°12	23°13	21°47	14° 8	26° 6	S 5
M 6	1 36 10	22°11'41	28°21	15°10	0♐ 5	7°30	23°32	17°40	3° 6	11°29	0°11	23°10	21°44	14°14	26° 3	M 6
T 7	1 40 7	23°11'27	12♑22	16°23	1°17	7°16	23°45	17°43	3° 6	11°29	0°10	23° 8	21°40	14°21	26° 1	T 7
W 8	1 44 3	24°11'14	25°57	17°35	2°29	7° 2	23°58	17°45	3° 7	11°28	0° 9	23°D 8	21°37	14°28	25°58	W 8
T 9	1 48 0	25°11'04	9♒ 9	18°44	3°41	6°49	24°11	17°48	3° 7	11°28	0° 8	23° 9	21°34	14°35	25°56	T 9
F 10	1 51 56	26°10'54	22° 0	19°51	4°53	6°37	24°24	17°51	3° 7	11°28	0° 7	23°10	21°31	14°41	25°54	F 10
S 11	1 55 53	27°10'47	4♓34	20°56	6° 4	6°25	24°37	17°53	3° 8	11°28	0° 6	23°12	21°28	14°48	25°51	S 11
S 12	1 59 50	28°10'41	16°54	21°59	7°16	6°14	24°51	17°56	3° 8	11°28	0° 5	23°13	21°25	14°55	25°49	S 12
M13	2 3 46	29°10'37	29° 3	22°59	8°28	6° 4	25° 4	17°59	3° 9	11°28	0° 4	23°R13	21°21	15° 1	25°47	M13
T 14	2 7 43	0♏10'34	11♈ 4	23°55	9°39	5°54	25°17	18° 2	3° 9	11°27	0° 2	23°11	21°18	15° 8	25°45	T 14
W15	2 11 39	1°10'34	23° 0	24°49	10°51	5°46	25°30	18° 5	3°10	11°27	0° 2	23° 8	21°15	15°15	25°42	W15
T 16	2 15 36	2°10'35	4♉53	25°38	12° 2	5°38	25°43	18° 9	3°10	11°27	0° 1	23° 2	21°12	15°21	25°40	T 16
F 17	2 19 32	3°10'39	16°44	26°24	13°14	5°31	25°56	18°12	3°11	11°26	29♓59	22°55	21° 9	15°28	25°38	F 17
S 18	2 23 29	4°10'44	28°35	27° 4	14°25	5°24	26° 9	18°15	3°12	11°26	29°59	22°47	21° 5	15°35	25°36	S 18
S 19	2 27 25	5°10'51	10♊28	27°40	15°37	5°19	26°22	18°19	3°12	11°25	29°58	22°39	21° 2	15°42	25°34	S 19
M20	2 31 22	6°11'01	22°25	28° 9	16°48	5°14	26°35	18°22	3°13	11°25	29°57	22°31	20°59	15°48	25°32	M20
T 21	2 35 19	7°11'12	4♋29	28°32	17°59	5°10	26°48	18°26	3°14	11°24	29°56	22°25	20°56	15°55	25°30	T 21
W22	2 39 15	8°11'25	16°42	28°48	19°10	5° 7	27° 1	18°30	3°15	11°24	29°55	22°20	20°53	16° 2	25°28	W22
T 23	2 43 12	9°11'41	29°10	28°R57	20°21	5° 5	27°14	18°33	3°16	11°23	29°54	22°18	20°50	16° 8	25°26	T 23
F 24	2 47 8	10°11'58	11♌55	28°57	21°32	5° 3	27°27	18°37	3°17	11°23	29°53	22°D17	20°46	16°15	25°25	F 24
S 25	2 51 5	11°12'18	25° 2	28°47	22°43	5°D 2	27°40	18°41	3°18	11°22	29°52	22°18	20°43	16°22	25°23	S 25
S 26	2 55 1	12°12'39	8♍34	28°29	23°54	5° 2	27°53	18°45	3°19	11°21	29°52	22°19	20°40	16°28	25°21	S 26
M27	2 58 58	13°13'03	22°34	28° 0	25° 5	5° 3	28° 6	18°50	3°20	11°21	29°51	22°R20	20°37	16°35	25°20	M27
T 28	3 2 54	14°13'28	7♎ 1	27°21	26°16	5° 5	28°18	18°54	3°22	11°20	29°50	22°19	20°34	16°42	25°18	T 28
W29	3 6 51	15°13'55	21°53	26°32	27°26	5° 7	28°31	18°58	3°23	11°19	29°49	22°16	20°31	16°49	25°16	W29
T 30	3 10 48	16°14'24	7♏ 3	25°33	28°37	5°11	28°44	19° 2	3°24	11°18	29°48	22°10	20°27	16°55	25°15	T 30
F 31	3 14 44	17♏14'55	22♏23	24♏27	29♐48	5♈15	28♎57	19♑ 7	3♒26	11♋17	29♓48	22♓ 3	20♓24	17♉ 2	25♓13	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s47	7s11	1s50	16s21	2s 0	20s 1	1s13	0n33	3s14	7s46	1n 4	22s29	0s 8	20s 8	0s38	22n10	0s50	15s28	17s 2	2s37	3s11	19n50	1n44	3n31
T 2	7 10	13 59	3 3	16 52	2 6	20 21	1 16	0 30	3 10	7 51	1 4	22 29	0 9	20 8	0 38	22 10	0 50	15 29	17 2	2 38	3 12	19 53	1 43	3 31
F 3	7 32	19 59	4 3	17 22	2 12	20 41	1 19	0 27	3 5	7 55	1 4	22 29	0 9	20 8	0 38	22 10	0 50	15 29	17 2	2 39	3 14	19 55	1 42	3 31
S 4	7 55	24 40	4 46	17 52	2 18	21 1	1 22	0 25	3 1	8 0	1 4	22 29	0 9	20 8	0 38	22 10	0 51	15 29	17 2	2 40	3 15	19 58	1 41	3 31
S 5	8 17	27 38	5 9	18 20	2 23	21 20	1 25	0 23	2 57	8 5	1 4	22 29	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 42	3 16	20 0	1 40	3 31
M 6	8 40	28 41	5 12	18 47	2 28	21 39	1 28	0 21	2 52	8 10	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 43	3 17	20 3	1 39	3 30
T 7	9 2	27 50	4 56	19 13	2 32	21 57	1 31	0 19	2 48	8 15	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 44	3 19	20 5	1 38	3 30
W 8	9 24	25 19	4 24	19 37	2 37	22 14	1 34	0 18	2 44	8 20	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 44	3 20	20 8	1 36	3 30
T 9	9 46	21 31	3 38	20 1	2 41	22 31	1 36	0 16	2 39	8 25	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 44	3 21	20 11	1 35	3 30
F 10	10 8	16 46	2 42	20 23	2 44	22 47	1 39	0 16	2 35	8 29	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 43	3 22	20 13	1 34	3 30
S 11	10 30	11 25	1 40	20 44	2 48	23 3	1 42	0 15	2 31	8 34	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 32	17 1	2 42	3 24	20 16	1 33	3 30
S 12	10 51	5 43	0 34	21 3	2 50	23 18	1 45	0 15	2 26	8 39	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 42	3 25	20 18	1 32	3 29
M13	11 12	0n 6	0n32	21 20	2 52	23 32	1 47	0 15	2 22	8 44	1 4	22 26	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 42	3 26	20 21	1 31	3 29
T 14	11 34	5 51	1 36	21 36	2 54	23 46	1 50	0 15	2 18	8 49	1 4	22 26	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 43	3 27	20 23	1 30	3 29
W15	11 55	11 21	2 35	21 51	2 55	23 59	1 53	0 15	2 13	8 53	1 4	22 26	0 9	20 6	0 38	22 10	0 51	15 32	17 0	2 44	3 29	20 26	1 29	3 29
T 16	12 15	16 25	3 27	22 3	2 55	24 11	1 55	0 16	2 9	8 58	1 4	22 25	0 9	20 6	0 38	22 10	0 51	15 33	17 0	2 46	3 30	20 28	1 28	3 29
F 17	12 36	20 52	4 10	22 14	2 55	24 23	1 58	0 17	2 5	9 3	1 4	22 25	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 49	3 31	20 31	1 27	3 28
S 18	12 57	24 28	4 42	22 22	2 53	24 34	2 0	0 19	2 0	9 8	1 4	22 24	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 52	3 32	20 33	1 26	3 28
S 19	13 17	27 2	5 1	22 28	2 51	24 45	2 2	0 20	1 56	9 12	1 4	22 24	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 55	3 34	20 36	1 25	3 28
M20	13 37	28 24	5 8	22 31	2 48	24 55	2 5	0 22	1 52	9 17	1 4	22 24	0 10	20 5	0 37	22 10	0 51	15 33	16 59	2 58	3 35	20 38	1 24	3 28
T 21	13 57	28 27	5 1	22 32	2 44	25 4	2 7	0 24	1 48	9 22	1 4	22 23	0 10	20 5	0 37	22 10	0 51	15 34	16 59	3 1	3 36	20 40	1 23	3 28
W22	14 16	27 6	4 41	22 30	2 38	25 12	2 9	0 27	1 44	9 26	1 4	22 23	0 10	20 5	0 37	22 10	0 51	15 34	16 58	3 3	3 37	20 43	1 22	3 27
T 23	14 36	24 24	4 7	22 25	2 31	25 20	2 11	0 30	1 40	9 31	1 4	22 22	0 10	20 5	0 37	22 10	0 51	15 34	16 58	3 4	3 39	20 45	1 21	3 27
F 24	14 55	20 28	3 20	22 17	2 23	25 27	2 13	0 33	1 36	9 36	1 4	22 22	0 10	20 4	0 37	22 10	0 51	15 34	16 58	3 4	3 40	20 48	1 20	3 27
S 25	15 14	15 26	2 22	22 6	2 13	25 33	2 15	0 36	1 32	9 40	1 4	22 21	0 10	20 4	0 37	22 10	0 51	15 34	16 58	3 4	3 41	20 50	1 19	3 27
S 26	15 32	9 31	1 13	21 50	2 1	25 38	2 17	0 40	1 28	9 45	1 4	22 21	0 10	20 4	0 37	22 10	0 51	15 34	16 57	3 3	3 42	20 53	1 18	3 27
M27	15 51	2 56	0s 1	21 31	1 48	25 43	2 19	0 43	1 24	9 50	1 4	22 20	0 10	20 4	0 37	22 10	0 51	15 34	16 57	3 3	3 44	20 55	1 18	3 26
T 28	16 9	3s59	1 18	21 7	1 33	25 47	2 21	0 47	1 21	9 54	1 4	22 20	0 10	20 3	0 37	22 10	0 51	15 34	16 57	3 3	3 45	20 58	1 17	3 26
W29	16 27	10 53	2 32	20 40	1 17	25 50	2 22	0 52	1 17	9 59	1 4	22 19	0 10	20 3	0 37	22 10	0 51	15 34	16 57	3 5	3 46	21 0	1 16	3 26
T 30	16 44	17 18	3 36	20 9	0 59	25 53	2 24	0 56	1 13	10 3	1 4	22 19	0 10	20 3	0 37	22 10	0 51	15 35	16 56	3 7	3 47	21 2	1 15	3 26
F 31	17s 1	22s41	4s25	19s34	0s40	25s55	2s25	1n 1	1s10	10s 8	1n 4	22s18	0s10	20s 2	0s37	22n10	0s51	15s35	16s56	3s10	3s49	21n 5	1n14	3n25

Julian Day Number = 2297695.5, Delta T = 122.23 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'43, Lahiri = 17°58'43 Julian Calendar 1 Oct. 1578 == Greg. Calendar 11 Oct. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

NOVEMBER 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 18 41	18♏15'27	7♐39	23°R13	0♑58	5♈19	29♎10	19♑11	3♒27	11°R17	29°R47	21°R54	20♓21	17♉ 9	25°R12	S 1
S 2	3 22 37	19°16'01	22°43	21♏55	2° 8	5°25	29°22	19°16	3°28	11♋16	29♓46	21♓45	20°18	17°15	25♓11	S 2
M 3	3 26 34	20°16'36	7♑24	20°34	3°19	5°31	29°35	19°21	3°30	11°15	29°45	21°37	20°15	17°22	25° 9	M 3
T 4	3 30 30	21°17'13	21°37	19°13	4°29	5°38	29°48	19°25	3°32	11°14	29°45	21°31	20°11	17°29	25° 8	T 4
W 5	3 34 27	22°17'51	5♒21	17°55	5°39	5°46	0♏ 0	19°30	3°33	11°13	29°44	21°27	20° 8	17°35	25° 7	W 5
T 6	3 38 23	23°18'29	18°36	16°42	6°49	5°54	0°13	19°35	3°35	11°12	29°44	21°D26	20° 5	17°42	25° 6	T 6
F 7	3 42 20	24°19'09	1♓25	15°37	7°59	6° 3	0°25	19°40	3°37	11°11	29°43	21°26	20° 2	17°49	25° 4	F 7
S 8	3 46 17	25°19'50	13°53	14°41	9° 9	6°13	0°38	19°45	3°38	11°10	29°42	21°27	19°59	17°56	25° 3	S 8
S 9	3 50 13	26°20'32	26° 6	13°56	10°18	6°24	0°50	19°50	3°40	11° 9	29°42	21°R27	19°56	18° 2	25° 2	S 9
M10	3 54 10	27°21'16	8♈ 7	13°23	11°28	6°35	1° 3	19°55	3°42	11° 8	29°41	21°25	19°52	18° 9	25° 1	M10
T 11	3 58 6	28°22'00	20° 1	13° 1	12°37	6°46	1°15	20° 1	3°44	11° 6	29°41	21°21	19°49	18°16	25° 1	T 11
W12	4 2 3	29°22'45	1♉52	12°D50	13°47	6°59	1°28	20° 6	3°46	11° 5	29°40	21°15	19°46	18°22	25° 0	W12
T 13	4 5 59	0♐23'32	13°42	12°51	14°56	7°12	1°40	20°11	3°48	11° 4	29°40	21° 5	19°43	18°29	24°59	T 13
F 14	4 9 56	1°24'20	25°34	13° 2	16° 5	7°25	1°52	20°17	3°50	11° 3	29°39	20°53	19°40	18°36	24°58	F 14
S 15	4 13 52	2°25'09	7♊28	13°22	17°14	7°40	2° 4	20°22	3°52	11° 2	29°39	20°39	19°37	18°42	24°57	S 15
S 16	4 17 49	3°26'00	19°27	13°52	18°23	7°54	2°16	20°28	3°54	11° 0	29°38	20°25	19°33	18°49	24°57	S 16
M17	4 21 46	4°26'51	1♋32	14°29	19°31	8°10	2°28	20°33	3°56	10°59	29°38	20°12	19°30	18°56	24°56	M17
T 18	4 25 42	5°27'44	13°43	15°13	20°40	8°26	2°41	20°39	3°58	10°58	29°37	20° 0	19°27	19° 3	24°56	T 18
W19	4 29 39	6°28'38	26° 3	16° 3	21°48	8°42	2°52	20°45	4° 0	10°57	29°37	19°52	19°24	19° 9	24°55	W19
T 20	4 33 35	7°29'33	8♌34	16°58	22°56	8°59	3° 4	20°50	4° 3	10°55	29°37	19°46	19°21	19°16	24°55	T 20
F 21	4 37 32	8°30'30	21°19	17°58	24° 4	9°16	3°16	20°56	4° 5	10°54	29°36	19°42	19°17	19°23	24°55	F 21
S 22	4 41 28	9°31'28	4♍22	19° 3	25°12	9°34	3°28	21° 2	4° 7	10°52	29°36	19°41	19°14	19°29	24°54	S 22
S 23	4 45 25	10°32'26	17°45	20°11	26°20	9°52	3°40	21° 8	4°10	10°51	29°36	19°41	19°11	19°36	24°54	S 23
M24	4 49 21	11°33'27	1♎31	21°22	27°27	10°11	3°51	21°14	4°12	10°50	29°36	19°41	19° 8	19°43	24°54	M24
T 25	4 53 18	12°34'28	15°43	22°36	28°35	10°31	4° 3	21°20	4°14	10°48	29°35	19°39	19° 5	19°49	24°54	T 25
W26	4 57 15	13°35'30	0♏19	23°52	29°42	10°50	4°15	21°26	4°17	10°47	29°35	19°35	19° 2	19°56	24°D54	W26
T 27	5 1 11	14°36'34	15°16	25°10	0♒49	11°11	4°26	21°32	4°19	10°45	29°35	19°27	18°58	20° 3	24°54	T 27
F 28	5 5 8	15°37'39	0♐26	26°30	1°55	11°31	4°38	21°38	4°22	10°44	29°35	19°17	18°55	20°10	24°54	F 28
S 29	5 9 4	16°38'44	15°39	27°51	3° 2	11°52	4°49	21°44	4°25	10°42	29°35	19° 6	18°52	20°16	24°54	S 29
S 30	5 13 1	17♐39'50	0♑45	29♏14	4♒ 8	12♈14	5♏ 0	21♑51	4♒27	10♋41	29♓35	18♓54	18♓49	20♉23	24♓54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	26s30	4s56	18s56	0s20	25s56	2s27	1n 6	1s 6	10s12	1n 4	22s18	0s10	20s 2	0s37	22n10	0s51	15s35	16s56	3s13	3s50	21n 7	1n14	3n25
S 2	17 35	28 22	5 5	18 17	0n 1	25 57	2 28	1 12	1 3	10 17	1 4	22 17	0 11	20 2	0 37	22 10	0 51	15 35	16 56	3 17	3 51	21 10	1 13	3 25
M 3	17 51	28 10	4 53	17 35	0 21	25 56	2 29	1 17	0 59	10 21	1 4	22 16	0 11	20 1	0 37	22 10	0 51	15 35	16 55	3 20	3 52	21 12	1 12	3 25
T 4	18 8	26 6	4 24	16 54	0 42	25 55	2 30	1 23	0 56	10 26	1 4	22 16	0 11	20 1	0 37	22 10	0 51	15 35	16 55	3 22	3 54	21 14	1 11	3 24
W 5	18 23	22 32	3 40	16 14	1 1	25 53	2 31	1 29	0 53	10 30	1 4	22 15	0 11	20 0	0 37	22 10	0 51	15 35	16 55	3 24	3 55	21 17	1 11	3 24
T 6	18 39	17 55	2 46	15 36	1 19	25 51	2 32	1 35	0 50	10 34	1 4	22 14	0 11	20 0	0 37	22 11	0 51	15 35	16 54	3 24	3 56	21 19	1 10	3 24
F 7	18 54	12 38	1 45	15 2	1 35	25 48	2 33	1 42	0 46	10 39	1 4	22 14	0 11	20 0	0 37	22 11	0 51	15 35	16 54	3 24	3 57	21 22	1 9	3 24
S 8	19 8	6 58	0 40	14 32	1 50	25 44	2 33	1 49	0 43	10 43	1 4	22 13	0 11	19 59	0 37	22 11	0 51	15 35	16 54	3 24	3 59	21 24	1 9	3 24
S 9	19 23	1 11	0n25	14 7	2 2	25 39	2 34	1 56	0 40	10 47	1 4	22 12	0 11	19 59	0 37	22 11	0 51	15 35	16 54	3 24	4 0	21 26	1 8	3 23
M10	19 37	4n34	1 28	13 47	2 13	25 34	2 34	2 3	0 37	10 52	1 4	22 12	0 11	19 58	0 37	22 11	0 51	15 34	16 53	3 25	4 1	21 29	1 7	3 23
T 11	19 51	10 6	2 26	13 33	2 21	25 28	2 35	2 10	0 34	10 56	1 4	22 11	0 11	19 58	0 37	22 11	0 51	15 34	16 53	3 26	4 2	21 31	1 7	3 23
W12	20 4	15 14	3 17	13 24	2 27	25 21	2 35	2 18	0 32	11 0	1 4	22 10	0 11	19 57	0 37	22 11	0 51	15 34	16 53	3 29	4 4	21 33	1 6	3 23
T 13	20 17	19 48	4 0	13 20	2 31	25 14	2 35	2 25	0 29	11 4	1 4	22 10	0 11	19 57	0 37	22 11	0 51	15 34	16 52	3 33	4 5	21 36	1 6	3 22
F 14	20 29	23 36	4 32	13 20	2 34	25 5	2 35	2 33	0 26	11 9	1 5	22 9	0 11	19 56	0 37	22 11	0 51	15 34	16 52	3 37	4 6	21 38	1 5	3 22
S 15	20 42	26 25	4 53	13 25	2 35	24 57	2 35	2 41	0 23	11 13	1 5	22 8	0 11	19 56	0 37	22 11	0 51	15 34	16 52	3 43	4 7	21 40	1 5	3 22
S 16	20 53	28 4	5 0	13 34	2 35	24 47	2 35	2 50	0 21	11 17	1 5	22 7	0 11	19 55	0 37	22 11	0 51	15 34	16 51	3 48	4 9	21 43	1 4	3 22
M17	21 5	28 24	4 55	13 46	2 34	24 37	2 34	2 58	0 18	11 21	1 5	22 7	0 11	19 55	0 37	22 11	0 51	15 34	16 51	3 53	4 10	21 45	1 4	3 21
T 18	21 16	27 21	4 36	14 1	2 31	24 26	2 34	3 7	0 16	11 25	1 5	22 6	0 11	19 54	0 37	22 12	0 51	15 34	16 51	3 58	4 11	21 47	1 3	3 21
W19	21 27	24 58	4 3	14 19	2 28	24 15	2 33	3 15	0 13	11 29	1 5	22 5	0 12	19 54	0 37	22 12	0 51	15 33	16 50	4 2	4 12	21 50	1 3	3 21
T 20	21 37	21 22	3 19	14 39	2 24	24 3	2 33	3 24	0 11	11 33	1 5	22 4	0 12	19 53	0 37	22 12	0 51	15 33	16 50	4 4	4 14	21 52	1 3	3 21
F 21	21 47	16 42	2 24	15 0	2 19	23 50	2 32	3 33	0 8	11 37	1 5	22 3	0 12	19 53	0 37	22 12	0 51	15 33	16 50	4 5	4 15	21 54	1 2	3 20
S 22	21 56	11 11	1 20	15 23	2 14	23 37	2 31	3 42	0 6	11 41	1 5	22 2	0 12	19 52	0 37	22 12	0 51	15 33	16 49	4 6	4 16	21 57	1 2	3 20
S 23	22 5	5 1	0 10	15 46	2 8	23 23	2 30	3 52	0 4	11 45	1 5	22 2	0 12	19 51	0 37	22 12	0 51	15 33	16 49	4 6	4 17	21 59	1 1	3 20
M24	22 13	1s33	1s 2	16 11	2 2	23 9	2 28	4 1	0 2	11 49	1 5	22 1	0 12	19 51	0 37	22 12	0 51	15 32	16 49	4 6	4 19	22 1	1 1	3 20
T 25	22 21	8 14	2 13	16 36	1 55	22 54	2 27	4 11	0n 1	11 53	1 5	22 0	0 12	19 50	0 37	22 12	0 51	15 32	16 48	4 6	4 20	22 3	1 1	3 19
W26	22 29	14 41	3 17	17 2	1 48	22 38	2 25	4 20	0 3	11 56	1 5	21 59	0 12	19 50	0 37	22 12	0 51	15 32	16 48	4 8	4 21	22 6	1 1	3 19
T 27	22 36	20 25	4 9	17 28	1 41	22 22	2 24	4 30	0 5	12 0	1 5	21 58	0 12	19 49	0 37	22 13	0 51	15 32	16 48	4 11	4 22	22 8	1 0	3 19
F 28	22 43	24 55	4 44	17 53	1 34	22 5	2 22	4 40	0 7	12 4	1 5	21 57	0 12	19 48	0 37	22 13	0 51	15 32	16 47	4 15	4 24	22 10	1 0	3 18
S 29	22 49	27 41	4 59	18 19	1 27	21 48	2 20	4 50	0 9	12 8	1 6	21 56	0 12	19 48	0 37	22 13	0 51	15 31	16 47	4 20	4 25	22 12	1 0	3 18
S 30	22s55	28s23	4s54	18s45	1n19	21s30	2s18	5n 1	0n11	12s11	1n 6	21s55	0s12	19s47	0s37	22n13	0s51	15s31	16s47	4s24	4s26	22n15	1n 0	3n18

Julian Day Number = 2297726.5, Delta T = 122.07 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'47, Lahiri = 17°58'47 Julian Calendar 1 Nov. 1578 == Greg. Calendar 11 Nov. 1578

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ASTRODIENST EPHEMERIS for the year 1578
geocentric

DECEMBER 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 16 57	18♐40'57	15♑32	0♐37	5♒14	12♈36	5♏11	21♑57	4♒30	10°R39	29°R35	18°R43	18♓46	20♉30	24♓54	M 1
T 2	5 20 54	19°42'04	29°54	2° 2	6°20	12°58	5°22	22° 3	4°33	10♋38	29♓34	18♓34	18°43	20°36	24°55	T 2
W 3	5 24 51	20°43'12	13♒47	3°28	7°26	13°21	5°33	22°10	4°35	10°36	29°34	18°28	18°39	20°43	24°55	W 3
T 4	5 28 47	21°44'20	27° 9	4°54	8°31	13°44	5°44	22°16	4°38	10°34	29°D34	18°24	18°36	20°50	24°55	T 4
F 5	5 32 44	22°45'28	10♓ 4	6°22	9°36	14° 7	5°55	22°23	4°41	10°33	29°34	18°23	18°33	20°57	24°56	F 5
S 6	5 36 40	23°46'36	22°35	7°49	10°41	14°31	6° 6	22°29	4°44	10°31	29°34	18°23	18°30	21° 3	24°56	S 6
S 7	5 40 37	24°47'44	4♈48	9°18	11°46	14°55	6°17	22°36	4°47	10°30	29°34	18°23	18°27	21°10	24°57	S 7
M 8	5 44 33	25°48'53	16°48	10°46	12°50	15°20	6°27	22°42	4°50	10°28	29°35	18°21	18°23	21°17	24°58	M 8
T 9	5 48 30	26°50'01	28°41	12°16	13°54	15°45	6°38	22°49	4°52	10°26	29°35	18°17	18°20	21°23	24°58	T 9
W10	5 52 26	27°51'10	10♉30	13°45	14°58	16°10	6°48	22°56	4°55	10°25	29°35	18°11	18°17	21°30	24°59	W10
T 11	5 56 23	28°52'19	22°20	15°16	16° 1	16°35	6°59	23° 2	4°58	10°23	29°35	18° 1	18°14	21°37	25° 0	T 11
F 12	6 0 20	29°53'28	4♊14	16°46	17° 4	17° 1	7° 9	23° 9	5° 1	10°21	29°35	17°49	18°11	21°44	25° 1	F 12
S 13	6 4 16	0♑54'37	16°15	18°17	18° 7	17°27	7°19	23°16	5° 4	10°20	29°35	17°35	18° 8	21°50	25° 2	S 13
S 14	6 8 13	1°55'46	28°23	19°48	19° 9	17°53	7°29	23°23	5° 7	10°18	29°35	17°21	18° 4	21°57	25° 3	S 14
M15	6 12 9	2°56'56	10♋39	21°20	20°11	18°20	7°39	23°29	5°10	10°16	29°36	17° 7	18° 1	22° 4	25° 4	M15
T 16	6 16 6	3°58'05	23° 4	22°51	21°12	18°47	7°49	23°36	5°14	10°15	29°36	16°55	17°58	22°10	25° 5	T 16
W17	6 20 2	4°59'15	5♌39	24°24	22°13	19°14	7°59	23°43	5°17	10°13	29°36	16°46	17°55	22°17	25° 6	W17
T 18	6 23 59	6° 0'24	18°23	25°56	23°14	19°41	8° 8	23°50	5°20	10°11	29°37	16°40	17°52	22°24	25° 7	T 18
F 19	6 27 55	7° 1'34	1♍19	27°29	24°14	20° 9	8°18	23°57	5°23	10°10	29°37	16°36	17°49	22°30	25° 8	F 19
S 20	6 31 52	8° 2'44	14°28	29° 2	25°14	20°37	8°27	24° 4	5°26	10° 8	29°37	16°D35	17°45	22°37	25°10	S 20
S 21	6 35 49	9° 3'55	27°52	0♑36	26°14	21° 5	8°37	24°11	5°29	10° 6	29°38	16°36	17°42	22°44	25°11	S 21
M22	6 39 45	10° 5'05	11♎33	2°10	27°12	21°33	8°46	24°18	5°33	10° 5	29°38	16°R36	17°39	22°51	25°12	M22
T 23	6 43 42	11° 6'15	25°33	3°44	28°11	22° 2	8°55	24°25	5°36	10° 3	29°38	16°35	17°36	22°57	25°14	T 23
W24	6 47 38	12° 7'26	9♏51	5°19	29° 9	22°31	9° 4	24°32	5°39	10° 1	29°39	16°32	17°33	23° 4	25°15	W24
T 25	6 51 35	13° 8'37	24°25	6°54	0♓ 6	23° 0	9°13	24°39	5°42	9°59	29°39	16°26	17°29	23°11	25°17	T 25
F 26	6 55 31	14° 9'48	9♐11	8°30	1° 3	23°29	9°22	24°46	5°46	9°58	29°40	16°18	17°26	23°17	25°19	F 26
S 27	6 59 28	15°10'58	24° 3	10° 6	1°59	23°58	9°30	24°53	5°49	9°56	29°40	16° 9	17°23	23°24	25°20	S 27
S 28	7 3 24	16°12'09	8♑51	11°43	2°55	24°28	9°39	25° 0	5°52	9°54	29°41	15°59	17°20	23°31	25°22	S 28
M29	7 7 21	17°13'19	23°27	13°20	3°50	24°58	9°47	25° 7	5°56	9°53	29°42	15°49	17°17	23°38	25°24	M29
T 30	7 11 18	18°14'29	7♒43	14°57	4°44	25°28	9°56	25°14	5°59	9°51	29°42	15°42	17°14	23°44	25°26	T 30
W31	7 15 14	19♑15'38	21♒35	16♑35	5♓38	25♈58	10♏ 4	25♑21	6♒ 3	9♋49	29♓43	15♓37	17♓10	23♉51	25♓28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 1	27s 2	4s28	19s10	1n12	21s12	2s16	5n11	0n13	12s15	1n 6	21s54	0s12	19s46	0s37	22n13	0s51	15s31	16s46	4s29	4s27	22n17	1n 0	3n18
T 2	23 6	23 54	3 46	19 34	1 4	20 53	2 13	5 21	0 14	12 19	1 6	21 53	0 12	19 46	0 36	22 13	0 51	15 30	16 46	4 32	4 29	22 19	1 0	3 17
W 3	23 10	19 28	2 52	19 58	0 57	20 34	2 11	5 32	0 16	12 22	1 6	21 52	0 12	19 45	0 36	22 13	0 51	15 30	16 45	4 34	4 30	22 21	1 0	3 17
T 4	23 14	14 12	1 50	20 22	0 49	20 14	2 8	5 42	0 18	12 26	1 6	21 51	0 12	19 44	0 36	22 13	0 51	15 30	16 45	4 36	4 31	22 24	0 59	3 17
F 5	23 18	8 29	0 44	20 45	0 41	19 54	2 5	5 53	0 20	12 29	1 6	21 50	0 13	19 44	0 36	22 14	0 51	15 29	16 45	4 36	4 32	22 26	0 59	3 17
S 6	23 21	2 36	0n22	21 7	0 34	19 33	2 2	6 4	0 21	12 33	1 6	21 49	0 13	19 43	0 36	22 14	0 51	15 29	16 44	4 36	4 34	22 28	0 59	3 16
S 7	23 24	3n13	1 26	21 28	0 26	19 12	1 59	6 15	0 23	12 36	1 6	21 48	0 13	19 42	0 36	22 14	0 51	15 29	16 44	4 36	4 35	22 30	0 59	3 16
M 8	23 26	8 50	2 24	21 48	0 19	18 51	1 56	6 26	0 25	12 40	1 6	21 47	0 13	19 42	0 36	22 14	0 51	15 28	16 44	4 37	4 36	22 32	0 59	3 16
T 9	23 27	14 5	3 16	22 8	0 11	18 29	1 52	6 37	0 26	12 43	1 6	21 46	0 13	19 41	0 36	22 14	0 51	15 28	16 43	4 38	4 37	22 35	0 59	3 16
W10	23 29	18 47	3 58	22 26	0 4	18 7	1 49	6 48	0 28	12 46	1 7	21 45	0 13	19 40	0 36	22 14	0 51	15 28	16 43	4 41	4 39	22 37	0 59	3 15
T 11	23 29	22 45	4 31	22 44	0s 3	17 44	1 45	6 59	0 29	12 50	1 7	21 44	0 13	19 39	0 36	22 14	0 51	15 27	16 43	4 45	4 40	22 39	1 0	3 15
F 12	23 30	25 49	4 52	23 1	0 10	17 22	1 41	7 10	0 31	12 53	1 7	21 43	0 13	19 39	0 36	22 14	0 51	15 27	16 42	4 50	4 41	22 41	1 0	3 15
S 13	23 30	27 45	5 0	23 16	0 17	16 58	1 37	7 22	0 32	12 56	1 7	21 42	0 13	19 38	0 36	22 15	0 51	15 26	16 42	4 55	4 42	22 43	1 0	3 15
S 14	23 29	28 24	4 55	23 30	0 24	16 35	1 32	7 33	0 34	12 59	1 7	21 41	0 13	19 37	0 36	22 15	0 51	15 26	16 41	5 1	4 44	22 45	1 0	3 14
M15	23 28	27 39	4 36	23 44	0 31	16 11	1 28	7 45	0 35	13 2	1 7	21 40	0 13	19 36	0 36	22 15	0 51	15 26	16 41	5 6	4 45	22 48	1 0	3 14
T 16	23 26	25 31	4 3	23 56	0 37	15 47	1 23	7 56	0 36	13 5	1 7	21 39	0 13	19 36	0 36	22 15	0 51	15 25	16 41	5 11	4 46	22 50	1 0	3 14
W17	23 24	22 7	3 19	24 6	0 44	15 23	1 19	8 8	0 38	13 8	1 7	21 38	0 13	19 35	0 36	22 15	0 51	15 25	16 40	5 14	4 47	22 52	1 1	3 14
T 18	23 22	17 38	2 24	24 16	0 50	14 58	1 14	8 19	0 39	13 11	1 7	21 37	0 13	19 34	0 36	22 15	0 51	15 24	16 40	5 17	4 49	22 54	1 1	3 13
F 19	23 19	12 17	1 20	24 24	0 56	14 33	1 9	8 31	0 40	13 14	1 8	21 35	0 13	19 33	0 36	22 15	0 51	15 24	16 40	5 18	4 50	22 56	1 1	3 13
S 20	23 15	6 18	0 11	24 32	1 2	14 8	1 3	8 43	0 41	13 17	1 8	21 34	0 14	19 32	0 36	22 16	0 51	15 23	16 39	5 18	4 51	22 58	1 1	3 13
S 21	23 11	0s 4	1s 0	24 37	1 8	13 43	0 58	8 54	0 43	13 20	1 8	21 33	0 14	19 32	0 36	22 16	0 51	15 23	16 39	5 18	4 52	23 0	1 2	3 13
M22	23 7	6 33	2 9	24 42	1 13	13 17	0 52	9 6	0 44	13 23	1 8	21 32	0 14	19 31	0 36	22 16	0 51	15 22	16 39	5 18	4 53	23 3	1 2	3 12
T 23	23 2	12 52	3 12	24 45	1 18	12 52	0 47	9 18	0 45	13 26	1 8	21 31	0 14	19 30	0 36	22 16	0 51	15 22	16 38	5 18	4 55	23 5	1 2	3 12
W24	22 57	18 39	4 4	24 47	1 23	12 26	0 41	9 29	0 46	13 29	1 8	21 30	0 14	19 29	0 36	22 16	0 51	15 21	16 38	5 20	4 56	23 7	1 3	3 12
T 25	22 51	23 28	4 42	24 47	1 28	12 0	0 34	9 41	0 47	13 31	1 8	21 28	0 14	19 28	0 36	22 16	0 51	15 21	16 38	5 22	4 57	23 9	1 3	3 12
F 26	22 44	26 50	5 1	24 46	1 33	11 34	0 28	9 53	0 48	13 34	1 8	21 27	0 14	19 28	0 36	22 16	0 51	15 20	16 37	5 25	4 58	23 11	1 4	3 11
S 27	22 38	28 22	5 1	24 43	1 37	11 8	0 22	10 5	0 49	13 37	1 9	21 26	0 14	19 27	0 36	22 16	0 51	15 20	16 37	5 29	5 0	23 13	1 4	3 11
S 28	22 31	27 51	4 40	24 39	1 41	10 41	0 15	10 17	0 50	13 39	1 9	21 25	0 14	19 26	0 36	22 17	0 51	15 19	16 37	5 33	5 1	23 15	1 5	3 11
M29	22 23	25 25	4 1	24 34	1 45	10 15	0 8	10 29	0 51	13 42	1 9	21 24	0 14	19 25	0 36	22 17	0 51	15 19	16 36	5 36	5 2	23 17	1 5	3 11
T 30	22 15	21 24	3 8	24 27	1 48	9 49	0 1	10 41	0 52	13 44	1 9	21 22	0 14	19 24	0 36	22 17	0 51	15 18	16 36	5 39	5 3	23 19	1 6	3 11
W31	22s 7	16s19	2s 5	24s19	1s52	9s22	0n 6	10n53	0n53	13s47	1n 9	21s21	0s14	19s23	0s36	22n17	0s51	15s18	16s36	5s41	5s 5	23n21	1n 6	3n10

Julian Day Number = 2297756.5, Delta T = 121.93 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'51, Lahiri = 17°58'51 Julian Calendar 1 Dec. 1578 == Greg. Calendar 11 Dec. 1578

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

JANUARY 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 19 11	20♑16'46	5♓ 1	18♑14	6♓31	26♈28	10♏12	25♑28	6♒ 6	9°R48	29♓43	15°R34	17♓ 7	23♉58	25♓29	T 1
F 2	7 23 7	21°17'53	18° 1	19°53	7°23	26°59	10°20	25°35	6° 9	9♋46	29°44	15°D34	17° 4	24° 4	25°31	F 2
S 3	7 27 4	22°19'00	0♈37	21°32	8°15	27°30	10°28	25°42	6°13	9°44	29°45	15♓34	17° 1	24°11	25°33	S 3
S 4	7 31 0	23°20'05	12°55	23°13	9° 6	28° 0	10°35	25°49	6°16	9°43	29°45	15°35	16°58	24°18	25°36	S 4
M 5	7 34 57	24°21'10	24°58	24°53	9°56	28°32	10°43	25°56	6°20	9°41	29°46	15°R36	16°55	24°25	25°38	M 5
T 6	7 38 54	25°22'14	6♉52	26°35	10°45	29° 3	10°50	26° 4	6°23	9°39	29°47	15°35	16°51	24°31	25°40	T 6
W 7	7 42 50	26°23'17	18°43	28°16	11°33	29°34	10°57	26°11	6°27	9°38	29°48	15°32	16°48	24°38	25°42	W 7
T 8	7 46 47	27°24'18	0♊34	29°59	12°20	0♉ 6	11° 4	26°18	6°30	9°36	29°48	15°27	16°45	24°45	25°44	T 8
F 9	7 50 43	28°25'19	12°31	1♒42	13° 7	0°37	11°11	26°25	6°33	9°35	29°49	15°20	16°42	24°51	25°47	F 9
S 10	7 54 40	29°26'19	24°36	3°25	13°52	1° 9	11°18	26°32	6°37	9°33	29°50	15°12	16°39	24°58	25°49	S 10
S 11	7 58 36	0♒27'18	6♋53	5° 9	14°36	1°41	11°25	26°39	6°40	9°31	29°51	15° 3	16°35	25° 5	25°51	S 11
M12	8 2 33	1°28'16	19°21	6°54	15°20	2°13	11°31	26°46	6°44	9°30	29°52	14°55	16°32	25°12	25°54	M12
T 13	8 6 29	2°29'13	2♌ 2	8°39	16° 2	2°45	11°38	26°53	6°47	9°28	29°53	14°47	16°29	25°18	25°56	T 13
W14	8 10 26	3°30'08	14°56	10°24	16°43	3°18	11°44	27° 0	6°51	9°27	29°53	14°42	16°26	25°25	25°59	W14
T 15	8 14 23	4°31'03	28° 2	12°10	17°23	3°50	11°50	27° 8	6°54	9°25	29°54	14°38	16°23	25°32	26° 1	T 15
F 16	8 18 19	5°31'57	11♍20	13°55	18° 1	4°23	11°56	27°15	6°58	9°24	29°55	14°D37	16°20	25°38	26° 4	F 16
S 17	8 22 16	6°32'50	24°49	15°42	18°38	4°55	12° 1	27°22	7° 1	9°22	29°56	14°37	16°16	25°45	26° 7	S 17
S 18	8 26 12	7°33'42	8♎28	17°28	19°14	5°28	12° 7	27°29	7° 5	9°21	29°57	14°39	16°13	25°52	26° 9	S 18
M19	8 30 9	8°34'33	22°18	19°14	19°49	6° 1	12°12	27°36	7° 8	9°19	29°58	14°40	16°10	25°59	26°12	M19
T 20	8 34 5	9°35'23	6♏18	20°59	20°22	6°34	12°18	27°43	7°12	9°18	29°59	14°R41	16° 7	26° 5	26°15	T 20
W21	8 38 2	10°36'13	20°27	22°45	20°53	7° 7	12°23	27°50	7°15	9°17	0♈ 0	14°41	16° 4	26°12	26°17	W21
T 22	8 41 58	11°37'01	4♐43	24°29	21°23	7°40	12°28	27°57	7°19	9°15	0° 1	14°39	16° 1	26°19	26°20	T 22
F 23	8 45 55	12°37'49	19° 5	26°12	21°51	8°14	12°33	28° 4	7°22	9°14	0° 2	14°36	15°57	26°25	26°23	F 23
S 24	8 49 52	13°38'36	3♑27	27°54	22°18	8°47	12°37	28°11	7°26	9°12	0° 3	14°31	15°54	26°32	26°26	S 24
S 25	8 53 48	14°39'21	17°46	29°35	22°43	9°20	12°42	28°18	7°29	9°11	0° 4	14°26	15°51	26°39	26°29	S 25
M26	8 57 45	15°40'05	1♒55	1♓13	23° 6	9°54	12°46	28°25	7°33	9°10	0° 6	14°22	15°48	26°46	26°32	M26
T 27	9 1 41	16°40'48	15°51	2°48	23°27	10°28	12°50	28°31	7°36	9° 9	0° 7	14°18	15°45	26°52	26°35	T 27
W28	9 5 38	17°41'30	29°28	4°20	23°46	11° 2	12°54	28°38	7°40	9° 7	0° 8	14°16	15°41	26°59	26°38	W28
T 29	9 9 34	18°42'10	12♓46	5°48	24° 4	11°35	12°58	28°45	7°43	9° 6	0° 9	14°D15	15°38	27° 6	26°41	T 29
F 30	9 13 31	19°42'48	25°42	7°12	24°19	12° 9	13° 1	28°52	7°47	9° 5	0°10	14°16	15°35	27°12	26°44	F 30
S 31	9 17 27	20♒43'25	8♈19	8♓31	24♓32	12♉43	13♏ 5	28♑59	7♒50	9♋ 4	0♈11	14♓17	15♓32	27♉19	26♓47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s58	10s34	0s56	24s 8	1s54	8s56	0n14	11n 5	0n54	13s49	1n 9	21s20	0s14	19s23	0s36	22n17	0s51	15s17	16s35	5s42	5s 6	23n23	1n 7	3n10
F 2	21 48	4 33	0n13	23 57	1 57	8 29	0 21	11 17	0 55	13 51	1 9	21 19	0 14	19 22	0 36	22 17	0 51	15 17	16 35	5 42	5 7	23 25	1 7	3 10
S 3	21 39	1n28	1 20	23 44	1 59	8 3	0 29	11 28	0 56	13 54	1 10	21 17	0 14	19 21	0 36	22 17	0 51	15 16	16 35	5 42	5 8	23 27	1 8	3 10
S 4	21 28	7 17	2 21	23 29	2 1	7 36	0 37	11 40	0 57	13 56	1 10	21 16	0 15	19 20	0 36	22 18	0 51	15 15	16 34	5 42	5 10	23 29	1 8	3 9
M 5	21 18	12 43	3 15	23 13	2 3	7 10	0 45	11 52	0 58	13 58	1 10	21 15	0 15	19 19	0 36	22 18	0 51	15 15	16 34	5 41	5 11	23 31	1 9	3 9
T 6	21 7	17 37	4 0	22 55	2 4	6 44	0 54	12 4	0 58	14 0	1 10	21 14	0 15	19 18	0 36	22 18	0 51	15 14	16 34	5 42	5 12	23 33	1 10	3 9
W 7	20 56	21 50	4 35	22 35	2 4	6 17	1 2	12 16	0 59	14 2	1 10	21 12	0 15	19 17	0 36	22 18	0 51	15 14	16 33	5 43	5 13	23 35	1 10	3 9
T 8	20 44	25 9	4 57	22 14	2 5	5 51	1 11	12 28	1 0	14 4	1 10	21 11	0 15	19 17	0 36	22 18	0 51	15 13	16 33	5 45	5 15	23 37	1 11	3 9
F 9	20 32	27 25	5 7	21 51	2 5	5 25	1 20	12 40	1 1	14 6	1 10	21 10	0 15	19 16	0 36	22 18	0 51	15 13	16 33	5 48	5 16	23 39	1 12	3 8
S 10	20 19	28 26	5 3	21 27	2 4	5 0	1 29	12 52	1 1	14 8	1 11	21 9	0 15	19 15	0 36	22 18	0 51	15 12	16 32	5 51	5 17	23 41	1 13	3 8
S 11	20 6	28 4	4 46	21 1	2 3	4 34	1 38	13 4	1 2	14 10	1 11	21 7	0 15	19 14	0 36	22 19	0 51	15 11	16 32	5 54	5 18	23 43	1 13	3 8
M12	19 53	26 17	4 14	20 33	2 2	4 9	1 48	13 15	1 3	14 12	1 11	21 6	0 15	19 13	0 36	22 19	0 51	15 11	16 32	5 57	5 20	23 45	1 14	3 8
T 13	19 39	23 9	3 30	20 4	1 59	3 43	1 57	13 27	1 4	14 14	1 11	21 5	0 15	19 12	0 36	22 19	0 51	15 10	16 31	6 0	5 21	23 47	1 15	3 8
W14	19 25	18 51	2 34	19 33	1 57	3 18	2 7	13 39	1 4	14 16	1 11	21 3	0 15	19 11	0 36	22 19	0 51	15 9	16 31	6 2	5 22	23 49	1 16	3 7
T 15	19 11	13 34	1 29	19 1	1 54	2 54	2 17	13 51	1 5	14 17	1 11	21 2	0 15	19 10	0 36	22 19	0 51	15 9	16 31	6 4	5 23	23 51	1 17	3 7
F 16	18 56	7 36	0 18	18 27	1 50	2 29	2 27	14 2	1 6	14 19	1 12	21 1	0 15	19 10	0 36	22 19	0 51	15 8	16 30	6 4	5 24	23 53	1 17	3 7
S 17	18 41	1 13	0s55	17 51	1 46	2 5	2 37	14 14	1 6	14 21	1 12	20 59	0 15	19 9	0 36	22 19	0 51	15 8	16 30	6 4	5 26	23 55	1 18	3 7
S 18	18 25	5s18	2 6	17 14	1 41	1 42	2 48	14 26	1 7	14 22	1 12	20 58	0 16	19 8	0 36	22 19	0 51	15 7	16 30	6 4	5 27	23 57	1 19	3 7
M19	18 10	11 39	3 11	16 36	1 35	1 18	2 59	14 37	1 7	14 24	1 12	20 57	0 16	19 7	0 36	22 20	0 51	15 6	16 30	6 3	5 28	23 59	1 20	3 6
T 20	17 54	17 30	4 5	15 56	1 29	0 55	3 10	14 49	1 8	14 25	1 12	20 56	0 16	19 6	0 36	22 20	0 51	15 6	16 29	6 3	5 29	24 1	1 21	3 6
W21	17 37	22 28	4 44	15 15	1 22	0 33	3 21	15 0	1 9	14 26	1 12	20 54	0 16	19 5	0 36	22 20	0 51	15 5	16 29	6 3	5 31	24 3	1 22	3 6
T 22	17 20	26 10	5 7	14 33	1 14	0 11	3 32	15 11	1 9	14 28	1 13	20 53	0 16	19 4	0 36	22 20	0 51	15 4	16 29	6 4	5 32	24 5	1 23	3 6
F 23	17 3	28 12	5 11	13 50	1 6	0n11	3 43	15 23	1 10	14 29	1 13	20 52	0 16	19 3	0 36	22 20	0 51	15 4	16 29	6 5	5 33	24 7	1 24	3 6
S 24	16 46	28 22	4 55	13 7	0 56	0 32	3 54	15 34	1 10	14 30	1 13	20 50	0 16	19 2	0 36	22 20	0 50	15 3	16 28	6 7	5 34	24 9	1 25	3 5
S 25	16 29	26 37	4 21	12 22	0 46	0 52	4 6	15 45	1 11	14 31	1 13	20 49	0 16	19 2	0 36	22 20	0 50	15 2	16 28	6 8	5 36	24 11	1 26	3 5
M26	16 11	23 12	3 31	11 37	0 36	1 12	4 18	15 57	1 11	14 33	1 13	20 48	0 16	19 1	0 36	22 20	0 50	15 2	16 28	6 10	5 37	24 12	1 27	3 5
T 27	15 52	18 30	2 29	10 53	0 24	1 31	4 30	16 8	1 12	14 34	1 13	20 46	0 16	19 0	0 36	22 21	0 50	15 1	16 28	6 11	5 38	24 14	1 28	3 5
W28	15 34	12 56	1 20	10 8	0 12	1 50	4 41	16 19	1 12	14 35	1 14	20 45	0 16	18 59	0 36	22 21	0 50	15 0	16 27	6 12	5 39	24 16	1 29	3 5
T 29	15 15	6 55	0 8	9 23	0n 1	2 8	4 53	16 30	1 13	14 36	1 14	20 44	0 16	18 58	0 36	22 21	0 50	15 0	16 27	6 13	5 41	24 18	1 30	3 5
F 30	14 56	0 45	1n 3	8 40	0 14	2 25	5 6	16 41	1 13	14 37	1 14	20 42	0 17	18 57	0 36	22 21	0 50	14 59	16 27	6 12	5 42	24 20	1 31	3 4
S 31	14s37	5n17	2n 8	7s57	0n28	2n41	5n18	16n52	1n13	14s37	1n14	20s41	0s17	18s56	0s36	22n21	0s50	14s58	16s27	6s12	5s43	24n22	1n32	3n 4

Julian Day Number = 2297787.5, Delta T = 121.77 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'55, Lahiri = 17°58'56 Julian Calendar 1 Jan. 1579 == Greg. Calendar 11 Jan. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

FEBRUARY 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 21 24	21♒44'00	20♈39	9♓44	24♓43	13♉18	13♏ 8	29♑ 6	7♒54	9°R 2	0♈13	14♓19	15♓29	27♉26	26♓50	S 1
M 2	9 25 21	22°44'33	2♉45	10°50	24°51	13°52	13°11	29°12	7°57	9♋ 1	0°14	14°20	15°26	27°33	26°54	M 2
T 3	9 29 17	23°45'04	14°42	11°49	24°57	14°26	13°14	29°19	8° 0	9° 0	0°15	14°21	15°22	27°39	26°57	T 3
W 4	9 33 14	24°45'34	26°35	12°40	25° 1	15° 0	13°16	29°26	8° 4	8°59	0°16	14°R22	15°19	27°46	27° 0	W 4
T 5	9 37 10	25°46'01	8♊28	13°23	25°R 3	15°35	13°19	29°32	8° 7	8°58	0°17	14°21	15°16	27°53	27° 3	T 5
F 6	9 41 7	26°46'27	20°25	13°57	25° 1	16° 9	13°21	29°39	8°11	8°57	0°19	14°20	15°13	27°59	27° 7	F 6
S 7	9 45 3	27°46'51	2♋33	14°21	24°58	16°44	13°23	29°46	8°14	8°56	0°20	14°18	15°10	28° 6	27°10	S 7
S 8	9 49 0	28°47'13	14°53	14°36	24°52	17°18	13°25	29°52	8°17	8°55	0°21	14°15	15° 7	28°13	27°13	S 8
M 9	9 52 56	29°47'33	27°29	14°R40	24°43	17°53	13°27	29°59	8°21	8°54	0°23	14°13	15° 3	28°20	27°17	M 9
T 10	9 56 53	0♓47'52	10♌22	14°35	24°32	18°28	13°29	0♒ 5	8°24	8°53	0°24	14°11	15° 0	28°26	27°20	T 10
W11	10 0 50	1°48'08	23°34	14°20	24°18	19° 3	13°30	0°11	8°27	8°52	0°25	14°10	14°57	28°33	27°23	W11
T 12	10 4 46	2°48'23	7♍ 2	13°56	24° 2	19°37	13°31	0°18	8°30	8°51	0°26	14° 9	14°54	28°40	27°27	T 12
F 13	10 8 43	3°48'35	20°46	13°23	23°43	20°12	13°33	0°24	8°34	8°51	0°28	14°D 9	14°51	28°47	27°30	F 13
S 14	10 12 39	4°48'46	4♎43	12°42	23°22	20°47	13°33	0°31	8°37	8°50	0°29	14° 9	14°47	28°53	27°34	S 14
S 15	10 16 36	5°48'56	18°49	11°55	22°59	21°22	13°34	0°37	8°40	8°49	0°31	14°10	14°44	29° 0	27°37	S 15
M16	10 20 32	6°49'03	3♏ 1	11° 2	22°34	21°57	13°34	0°43	8°43	8°48	0°32	14°11	14°41	29° 7	27°41	M16
T 17	10 24 29	7°49'10	17°16	10° 5	22° 6	22°32	13°35	0°49	8°47	8°47	0°33	14°12	14°38	29°13	27°44	T 17
W18	10 28 25	8°49'14	1♐30	9° 5	21°37	23° 8	13°R35	0°55	8°50	8°47	0°35	14°12	14°35	29°20	27°48	W18
T 19	10 32 22	9°49'17	15°42	8° 4	21° 5	23°43	13°35	1° 1	8°53	8°46	0°36	14°R12	14°32	29°27	27°51	T 19
F 20	10 36 19	10°49'19	29°49	7° 3	20°33	24°18	13°35	1° 7	8°56	8°46	0°37	14°12	14°28	29°34	27°55	F 20
S 21	10 40 15	11°49'19	13♑48	6° 3	19°59	24°53	13°34	1°13	8°59	8°45	0°39	14°11	14°25	29°40	27°58	S 21
S 22	10 44 12	12°49'17	27°39	5° 7	19°23	25°29	13°33	1°19	9° 2	8°44	0°40	14°11	14°22	29°47	28° 2	S 22
M23	10 48 8	13°49'14	11♒19	4°14	18°47	26° 4	13°33	1°25	9° 5	8°44	0°42	14°D11	14°19	29°54	28° 6	M23
T 24	10 52 5	14°49'09	24°46	3°25	18°10	26°40	13°32	1°31	9° 8	8°43	0°43	14°11	14°16	0♊ 0	28° 9	T 24
W25	10 56 1	15°49'01	8♓ 0	2°42	17°32	27°15	13°30	1°37	9°11	8°43	0°45	14°R11	14°13	0° 7	28°13	W25
T 26	10 59 58	16°48'52	20°59	2° 5	16°55	27°51	13°29	1°43	9°14	8°42	0°46	14°11	14° 9	0°14	28°16	T 26
F 27	11 3 54	17°48'41	3♈43	1°34	16°17	28°26	13°27	1°48	9°17	8°42	0°47	14°11	14° 6	0°21	28°20	F 27
S 28	11 7 51	18♓48'28	16♈13	1♓ 9	15♓40	29♉ 2	13♏26	1♒54	9♒20	8♋42	0♈49	14♓11	14♓ 3	0♊27	28♓24	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s18	10n58	3n 7	7s16	0n43	2n56	5n30	17n 2	1n14	14s38	1n14	20s40	0s17	18s55	0s36	22n21	0s50	14s58	16s26	6s11	5s44	24n24	1n33	3n	4
M 2	13 58	16 9	3 56	6 37	0 58	3 11	5 42	17 13	1 14	14 39	1 15	20 38	0 17	18 55	0 36	22 21	0 50	14 57	16 26	6 11	5 45	24 25	1 34	3	4
T 3	13 38	20 39	4 34	6 1	1 13	3 24	5 54	17 24	1 15	14 40	1 15	20 37	0 17	18 54	0 36	22 21	0 50	14 56	16 26	6 10	5 47	24 27	1 35	3	4
W 4	13 18	24 18	5 0	5 27	1 29	3 37	6 6	17 34	1 15	14 40	1 15	20 36	0 17	18 53	0 36	22 21	0 50	14 56	16 26	6 10	5 48	24 29	1 37	3	4
T 5	12 58	26 56	5 14	4 56	1 45	3 48	6 18	17 45	1 15	14 41	1 15	20 34	0 17	18 52	0 36	22 22	0 50	14 55	16 26	6 10	5 49	24 31	1 38	3	3
F 6	12 37	28 22	5 13	4 29	2 0	3 59	6 30	17 55	1 16	14 41	1 15	20 33	0 17	18 51	0 36	22 22	0 50	14 54	16 25	6 11	5 50	24 33	1 39	3	3
S 7	12 16	28 28	4 59	4 6	2 15	4 8	6 41	18 6	1 16	14 42	1 15	20 32	0 17	18 50	0 36	22 22	0 50	14 54	16 25	6 12	5 52	24 35	1 40	3	3
S 8	11 55	27 10	4 32	3 47	2 30	4 16	6 53	18 16	1 17	14 42	1 16	20 30	0 17	18 49	0 36	22 22	0 50	14 53	16 25	6 13	5 53	24 36	1 41	3	3
M 9	11 34	24 28	3 50	3 32	2 44	4 23	7 4	18 26	1 17	14 43	1 16	20 29	0 17	18 48	0 36	22 22	0 50	14 52	16 25	6 14	5 54	24 38	1 43	3	3
T 10	11 13	20 30	2 56	3 22	2 57	4 28	7 14	18 36	1 17	14 43	1 16	20 28	0 17	18 48	0 36	22 22	0 50	14 52	16 25	6 14	5 55	24 40	1 44	3	3
W11	10 52	15 27	1 51	3 17	3 8	4 32	7 25	18 46	1 18	14 43	1 16	20 27	0 18	18 47	0 36	22 22	0 50	14 51	16 25	6 15	5 57	24 42	1 45	3	3
T 12	10 30	9 33	0 39	3 17	3 19	4 35	7 35	18 56	1 18	14 43	1 16	20 25	0 18	18 46	0 36	22 22	0 50	14 50	16 24	6 15	5 58	24 43	1 46	3	2
F 13	10 8	3 6	0s37	3 21	3 28	4 37	7 45	19 6	1 18	14 44	1 16	20 24	0 18	18 45	0 36	22 22	0 50	14 50	16 24	6 15	5 59	24 45	1 47	3	2
S 14	9 46	3s35	1 51	3 30	3 35	4 37	7 54	19 15	1 18	14 44	1 17	20 23	0 18	18 44	0 36	22 22	0 50	14 49	16 24	6 15	6 0	24 47	1 49	3	2
S 15	9 24	10 10	3 0	3 43	3 40	4 35	8 2	19 25	1 19	14 44	1 17	20 21	0 18	18 43	0 37	22 22	0 50	14 48	16 24	6 15	6 1	24 49	1 50	3	2
M16	9 2	16 17	3 59	4 1	3 43	4 33	8 10	19 34	1 19	14 44	1 17	20 20	0 18	18 43	0 37	22 23	0 50	14 48	16 24	6 14	6 3	24 51	1 51	3	2
T 17	8 39	21 32	4 43	4 21	3 43	4 28	8 17	19 44	1 19	14 44	1 17	20 19	0 18	18 42	0 37	22 23	0 50	14 47	16 24	6 14	6 4	24 52	1 53	3	2
W18	8 17	25 33	5 9	4 45	3 42	4 23	8 24	19 53	1 19	14 43	1 17	20 18	0 18	18 41	0 37	22 23	0 50	14 46	16 24	6 14	6 5	24 54	1 54	3	2
T 19	7 54	27 58	5 17	5 11	3 39	4 16	8 30	20 2	1 20	14 43	1 18	20 16	0 18	18 40	0 37	22 23	0 50	14 46	16 23	6 14	6 6	24 56	1 55	3	1
F 20	7 32	28 35	5 5	5 39	3 33	4 8	8 34	20 11	1 20	14 43	1 18	20 15	0 18	18 39	0 37	22 23	0 50	14 45	16 23	6 14	6 8	24 57	1 56	3	1
S 21	7 9	27 21	4 36	6 7	3 26	3 58	8 38	20 20	1 20	14 43	1 18	20 14	0 18	18 39	0 37	22 23	0 50	14 44	16 23	6 14	6 9	24 59	1 58	3	1
S 22	6 46	24 27	3 50	6 36	3 17	3 47	8 42	20 29	1 20	14 42	1 18	20 13	0 19	18 38	0 37	22 23	0 50	14 44	16 23	6 14	6 10	25 1	1 59	3	1
M23	6 23	20 11	2 52	7 5	3 7	3 35	8 44	20 37	1 21	14 42	1 18	20 12	0 19	18 37	0 37	22 23	0 50	14 43	16 23	6 14	6 11	25 3	2 0	3	1
T 24	6 0	14 57	1 46	7 33	2 55	3 22	8 45	20 46	1 21	14 41	1 18	20 10	0 19	18 36	0 37	22 23	0 49	14 42	16 23	6 14	6 12	25 4	2 2	3	1
W25	5 36	9 7	0 34	8 1	2 42	3 8	8 45	20 54	1 21	14 41	1 19	20 9	0 19	18 35	0 37	22 23	0 49	14 42	16 23	6 14	6 14	25 6	2 3	3	1
T 26	5 13	3 0	0n38	8 26	2 29	2 53	8 45	21 3	1 21	14 40	1 19	20 8	0 19	18 35	0 37	22 23	0 49	14 41	16 23	6 14	6 15	25 8	2 4	3	1
F 27	4 50	3n 6	1 46	8 51	2 15	2 36	8 43	21 11	1 21	14 40	1 19	20 7	0 19	18 34	0 37	22 23	0 49	14 40	16 23	6 14	6 16	25 9	2 6	3	1
S 28	4s26	8n59	2n48	9s13	2n 0	2n20	8n40	21n19	1n22	14s39	1n19	20s 6	0s19	18s33	0s37	22n23	0s49	14s40	16s23	6s14	6s17	25n11	2n 7	3n	1

Julian Day Number = 2297818.5, Delta T = 121.62 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'59, Lahiri = 17°59'00 Julian Calendar 1 Feb. 1579 == Greg. Calendar 11 Feb. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

MARCH 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 11 48	19♓48'12	28♈30	0°R50	15°R 3	29♉37	13°R24	1♒59	9♒23	8°R41	0♈50	14°R10	14♓ 0	0♊34	28♓27	S 1
M 2	11 15 44	20°47'55	10♉35	0♓38	14♓27	0♊13	13♏21	2° 5	9°26	8♋41	0°52	14♓ 9	13°57	0°41	28°31	M 2
T 3	11 19 41	21°47'35	22°32	0°D32	13°52	0°49	13°19	2°10	9°28	8°41	0°53	14° 8	13°53	0°47	28°35	T 3
W 4	11 23 37	22°47'13	4♊25	0°32	13°18	1°25	13°17	2°16	9°31	8°41	0°55	14° 7	13°50	0°54	28°38	W 4
T 5	11 27 34	23°46'49	16°18	0°39	12°46	2° 0	13°14	2°21	9°34	8°40	0°56	14° 7	13°47	1° 1	28°42	T 5
F 6	11 31 30	24°46'23	28°15	0°50	12°15	2°36	13°11	2°26	9°37	8°40	0°58	14°D 7	13°44	1° 8	28°46	F 6
S 7	11 35 27	25°45'54	10♋21	1° 7	11°46	3°12	13° 8	2°32	9°39	8°40	0°59	14° 7	13°41	1°14	28°49	S 7
S 8	11 39 23	26°45'23	22°40	1°29	11°19	3°48	13° 5	2°37	9°42	8°40	1° 1	14° 8	13°38	1°21	28°53	S 8
M 9	11 43 20	27°44'50	5♌18	1°56	10°54	4°24	13° 1	2°42	9°45	8°40	1° 2	14° 9	13°34	1°28	28°57	M 9
T 10	11 47 17	28°44'14	18°15	2°27	10°31	5° 0	12°58	2°47	9°47	8°D40	1° 4	14°10	13°31	1°35	29° 1	T 10
W11	11 51 13	29°43'36	1♍36	3° 3	10°10	5°36	12°54	2°52	9°50	8°40	1° 5	14°11	13°28	1°41	29° 4	W11
T 12	11 55 10	0♈42'56	15°20	3°42	9°52	6°12	12°50	2°57	9°52	8°40	1° 7	14°R12	13°25	1°48	29° 8	T 12
F 13	11 59 6	1°42'13	29°25	4°26	9°36	6°48	12°46	3° 1	9°55	8°40	1° 8	14°11	13°22	1°55	29°12	F 13
S 14	12 3 3	2°41'29	13♎48	5°12	9°23	7°24	12°42	3° 6	9°57	8°40	1° 9	14°10	13°19	2° 1	29°15	S 14
S 15	12 6 59	3°40'42	28°24	6° 3	9°12	8° 0	12°37	3°11	10° 0	8°40	1°11	14° 7	13°15	2° 8	29°19	S 15
M16	12 10 56	4°39'54	13♏ 4	6°56	9° 3	8°36	12°33	3°15	10° 2	8°40	1°12	14° 5	13°12	2°15	29°23	M16
T 17	12 14 52	5°39'04	27°44	7°53	8°57	9°12	12°28	3°20	10° 4	8°41	1°14	14° 2	13° 9	2°22	29°26	T 17
W18	12 18 49	6°38'12	12♐16	8°52	8°54	9°48	12°23	3°24	10° 7	8°41	1°15	14° 0	13° 6	2°28	29°30	W18
T 19	12 22 45	7°37'18	26°36	9°54	8°D53	10°24	12°18	3°29	10° 9	8°41	1°17	13°58	13° 3	2°35	29°34	T 19
F 20	12 26 42	8°36'23	10♑41	10°59	8°54	11° 0	12°13	3°33	10°11	8°41	1°18	13°D58	12°59	2°42	29°37	F 20
S 21	12 30 39	9°35'26	24°30	12° 6	8°58	11°36	12° 8	3°37	10°13	8°42	1°20	13°58	12°56	2°48	29°41	S 21
S 22	12 34 35	10°34'27	8♒ 3	13°16	9° 4	12°13	12° 2	3°41	10°15	8°42	1°21	14° 0	12°53	2°55	29°45	S 22
M23	12 38 32	11°33'26	21°21	14°27	9°12	12°49	11°57	3°45	10°18	8°42	1°23	14° 1	12°50	3° 2	29°48	M23
T 24	12 42 28	12°32'24	4♓24	15°41	9°23	13°25	11°51	3°49	10°20	8°43	1°24	14° 3	12°47	3° 9	29°52	T 24
W25	12 46 25	13°31'19	17°14	16°57	9°35	14° 1	11°45	3°53	10°22	8°43	1°26	14°R 3	12°44	3°15	29°56	W25
T 26	12 50 21	14°30'13	29°53	18°15	9°50	14°38	11°39	3°57	10°24	8°44	1°27	14° 2	12°40	3°22	29°59	T 26
F 27	12 54 18	15°29'04	12♈20	19°35	10° 6	15°14	11°33	4° 1	10°26	8°44	1°29	13°59	12°37	3°29	0♈ 3	F 27
S 28	12 58 14	16°27'54	24°38	20°57	10°25	15°50	11°27	4° 4	10°27	8°45	1°30	13°55	12°34	3°35	0° 6	S 28
S 29	13 2 11	17°26'42	6♉46	22°21	10°45	16°27	11°21	4° 8	10°29	8°46	1°31	13°49	12°31	3°42	0°10	S 29
M30	13 6 8	18°25'27	18°47	23°47	11° 8	17° 3	11°14	4°11	10°31	8°46	1°33	13°43	12°28	3°49	0°13	M30
T 31	13 10 4	19♈24'11	0♊42	25♓14	11♓32	17♊39	11♏ 8	4♒15	10♒33	8♋47	1♈34	13♓37	12♓24	3♊56	0♈17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 3	14n25	3n42	9s33	1n46	2n 2	8n37	21n27	1n22	14s38	1n19	20s 5	0s19	18s32	0s37	22n23	0s49	14s39	16s22	6s15	6s19	25n13	2n 9	3n 0
M 2	3 39	19 12	4 24	9 51	1 31	1 44	8 32	21 35	1 22	14 37	1 19	20 3	0 19	18 32	0 37	22 24	0 49	14 38	16 22	6 15	6 20	25 14	2 10	3 0
T 3	3 16	23 11	4 54	10 7	1 16	1 26	8 27	21 42	1 22	14 37	1 20	20 2	0 19	18 31	0 37	22 24	0 49	14 38	16 22	6 15	6 21	25 16	2 11	3 0
W 4	2 52	26 11	5 12	10 21	1 2	1 8	8 20	21 50	1 22	14 36	1 20	20 1	0 19	18 30	0 37	22 24	0 49	14 37	16 22	6 16	6 22	25 17	2 13	3 0
T 5	2 29	28 2	5 16	10 32	0 47	0 49	8 13	21 57	1 22	14 35	1 20	20 0	0 20	18 30	0 37	22 24	0 49	14 37	16 22	6 16	6 24	25 19	2 14	3 0
F 6	2 5	28 36	5 7	10 41	0 33	0 30	8 5	22 5	1 23	14 34	1 20	19 59	0 20	18 29	0 37	22 24	0 49	14 36	16 22	6 16	6 25	25 21	2 16	3 0
S 7	1 41	27 49	4 44	10 48	0 20	0 11	7 57	22 12	1 23	14 33	1 20	19 58	0 20	18 28	0 37	22 24	0 49	14 35	16 22	6 16	6 26	25 22	2 17	3 0
S 8	1 18	25 39	4 8	10 52	0 7	0s 8	7 48	22 19	1 23	14 32	1 20	19 57	0 20	18 27	0 37	22 24	0 49	14 35	16 22	6 15	6 27	25 24	2 18	3 0
M 9	0 54	22 12	3 19	10 55	0s 6	0 26	7 38	22 26	1 23	14 30	1 20	19 56	0 20	18 27	0 37	22 24	0 49	14 34	16 22	6 15	6 28	25 26	2 20	3 0
T 10	0 30	17 35	2 18	10 55	0 19	0 44	7 28	22 33	1 23	14 29	1 21	19 55	0 20	18 26	0 37	22 24	0 49	14 34	16 22	6 15	6 30	25 27	2 21	3 0
W11	0 7	12 0	1 9	10 53	0 30	1 2	7 17	22 39	1 23	14 28	1 21	19 54	0 20	18 25	0 37	22 24	0 49	14 33	16 22	6 14	6 31	25 29	2 23	3 0
T 12	0n17	5 42	0s 6	10 49	0 42	1 19	7 6	22 46	1 23	14 27	1 21	19 53	0 20	18 25	0 37	22 24	0 49	14 32	16 22	6 14	6 32	25 30	2 24	3 0
F 13	0 41	1s 2	1 23	10 43	0 52	1 35	6 54	22 52	1 23	14 25	1 21	19 52	0 20	18 24	0 37	22 24	0 49	14 32	16 22	6 14	6 33	25 32	2 25	3 0
S 14	1 4	7 51	2 36	10 36	1 3	1 51	6 42	22 58	1 23	14 24	1 21	19 51	0 20	18 24	0 37	22 24	0 49	14 31	16 22	6 15	6 35	25 33	2 27	3 0
S 15	1 28	14 21	3 40	10 26	1 12	2 7	6 30	23 4	1 24	14 22	1 21	19 50	0 21	18 23	0 37	22 24	0 49	14 31	16 22	6 16	6 36	25 35	2 28	2 59
M16	1 51	20 5	4 30	10 15	1 22	2 21	6 18	23 10	1 24	14 21	1 21	19 49	0 21	18 22	0 37	22 24	0 49	14 30	16 22	6 17	6 37	25 37	2 30	2 59
T 17	2 15	24 36	5 2	10 2	1 30	2 35	6 6	23 16	1 24	14 19	1 21	19 48	0 21	18 22	0 37	22 24	0 49	14 30	16 22	6 18	6 38	25 38	2 31	2 59
W18	2 38	27 30	5 14	9 47	1 38	2 48	5 53	23 21	1 24	14 18	1 22	19 47	0 21	18 21	0 37	22 24	0 49	14 29	16 22	6 19	6 39	25 40	2 32	2 59
T 19	3 2	28 34	5 7	9 30	1 46	3 0	5 40	23 27	1 24	14 16	1 22	19 46	0 21	18 21	0 37	22 24	0 49	14 28	16 22	6 19	6 41	25 41	2 34	2 59
F 20	3 25	27 44	4 41	9 12	1 53	3 11	5 28	23 32	1 24	14 15	1 22	19 45	0 21	18 20	0 37	22 24	0 49	14 28	16 22	6 19	6 42	25 43	2 35	2 59
S 21	3 49	25 12	3 59	8 52	1 59	3 21	5 15	23 37	1 24	14 13	1 22	19 44	0 21	18 19	0 37	22 24	0 49	14 27	16 22	6 19	6 43	25 44	2 37	2 59
S 22	4 12	21 16	3 5	8 31	2 5	3 31	5 2	23 42	1 24	14 11	1 22	19 43	0 21	18 19	0 37	22 24	0 48	14 27	16 22	6 19	6 44	25 46	2 38	2 59
M23	4 35	16 20	2 1	8 8	2 11	3 39	4 50	23 47	1 24	14 9	1 22	19 42	0 21	18 18	0 37	22 24	0 48	14 26	16 22	6 18	6 46	25 47	2 40	2 59
T 24	4 58	10 44	0 53	7 44	2 15	3 47	4 37	23 51	1 24	14 8	1 22	19 42	0 22	18 18	0 37	22 24	0 48	14 26	16 23	6 18	6 47	25 49	2 41	2 59
W25	5 21	4 47	0n17	7 18	2 20	3 54	4 25	23 56	1 24	14 6	1 22	19 41	0 22	18 17	0 37	22 24	0 48	14 25	16 23	6 17	6 48	25 50	2 42	2 59
T 26	5 44	1n15	1 26	6 51	2 24	4 0	4 13	24 0	1 24	14 4	1 22	19 40	0 22	18 17	0 38	22 24	0 48	14 25	16 23	6 18	6 49	25 52	2 44	2 59
F 27	6 7	7 10	2 28	6 23	2 27	4 5	4 1	24 4	1 24	14 2	1 22	19 39	0 22	18 16	0 38	22 24	0 48	14 24	16 23	6 19	6 50	25 53	2 45	2 59
S 28	6 29	12 43	3 23	5 53	2 30	4 9	3 49	24 8	1 24	14 0	1 22	19 38	0 22	18 16	0 38	22 24	0 48	14 24	16 23	6 20	6 52	25 54	2 47	2 59
S 29	6 52	17 43	4 8	5 22	2 32	4 12	3 37	24 12	1 24	13 58	1 22	19 38	0 22	18 15	0 38	22 24	0 48	14 23	16 23	6 23	6 53	25 56	2 48	2 59
M30	7 14	21 58	4 42	4 49	2 33	4 15	3 25	24 16	1 24	13 56	1 22	19 37	0 22	18 15	0 38	22 24	0 48	14 23	16 23	6 25	6 54	25 57	2 49	2 59
T 31	7n37	25n16	5n 2	4s16	2s35	4s17	3n13	24n19	1n24	13s54	1n23	19s36	0s22	18s14	0s38	22n24	0s48	14s22	16s23	6s28	6s55	25n59	2n51	2n59

Julian Day Number = 2297846.5, Delta T = 121.49 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'03, Lahiri = 17°59'04 Julian Calendar 1 March 1579 == Greg. Calendar 11 March 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

APRIL 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 14 1	20♈22'52	12♊35	26♓43	11♓57	18♊16	11°R 1	4♒18	10♒35	8♋48	1♈36	13°R31	12♓21	4♊ 2	0♈21	W 1
T 2	13 17 57	21°21'32	24°26	28°14	12°24	18°52	10♏54	4°21	10°36	8°48	1°37	13♓26	12°18	4° 9	0°24	T 2
F 3	13 21 54	22°20'09	6♋22	29°47	12°53	19°29	10°47	4°24	10°38	8°49	1°38	13°23	12°15	4°16	0°28	F 3
S 4	13 25 50	23°18'44	18°26	1♈21	13°24	20° 5	10°40	4°27	10°40	8°50	1°40	13°D22	12°12	4°23	0°31	S 4
S 5	13 29 47	24°17'16	0♌42	2°57	13°55	20°42	10°33	4°30	10°41	8°51	1°41	13°22	12° 9	4°29	0°34	S 5
M 6	13 33 43	25°15'47	13°15	4°35	14°28	21°18	10°26	4°33	10°43	8°52	1°43	13°23	12° 5	4°36	0°38	M 6
T 7	13 37 40	26°14'15	26°10	6°15	15° 3	21°55	10°19	4°36	10°44	8°52	1°44	13°24	12° 2	4°43	0°41	T 7
W 8	13 41 37	27°12'41	9♍31	7°56	15°39	22°31	10°12	4°39	10°45	8°53	1°45	13°R25	11°59	4°49	0°45	W 8
T 9	13 45 33	28°11'05	23°19	9°39	16°15	23° 8	10° 5	4°41	10°47	8°54	1°47	13°25	11°56	4°56	0°48	T 9
F 10	13 49 30	29° 9'27	7♎33	11°23	16°54	23°44	9°57	4°44	10°48	8°55	1°48	13°23	11°53	5° 3	0°51	F 10
S 11	13 53 26	0♉ 7'47	22°12	13° 9	17°33	24°21	9°50	4°46	10°49	8°56	1°49	13°18	11°50	5°10	0°55	S 11
S 12	13 57 23	1° 6'05	7♏ 9	14°57	18°13	24°57	9°43	4°49	10°51	8°57	1°51	13°12	11°46	5°16	0°58	S 12
M13	14 1 19	2° 4'21	22°14	16°47	18°55	25°34	9°35	4°51	10°52	8°58	1°52	13° 5	11°43	5°23	1° 1	M13
T 14	14 5 16	3° 2'36	7♐18	18°39	19°37	26°10	9°27	4°53	10°53	9° 0	1°53	12°58	11°40	5°30	1° 5	T 14
W15	14 9 12	4° 0'49	22°13	20°32	20°21	26°47	9°20	4°55	10°54	9° 1	1°55	12°51	11°37	5°36	1° 8	W15
T 16	14 13 9	4°59'01	6♑49	22°27	21° 5	27°24	9°12	4°57	10°55	9° 2	1°56	12°46	11°34	5°43	1°11	T 16
F 17	14 17 6	5°57'11	21° 4	24°23	21°50	28° 0	9° 5	4°59	10°56	9° 3	1°57	12°43	11°30	5°50	1°14	F 17
S 18	14 21 2	6°55'19	4♒54	26°22	22°36	28°37	8°57	5° 1	10°57	9° 4	1°58	12°D42	11°27	5°57	1°17	S 18
S 19	14 24 59	7°53'27	18°21	28°22	23°23	29°13	8°49	5° 3	10°58	9° 5	2° 0	12°42	11°24	6° 3	1°21	S 19
M20	14 28 55	8°51'32	1♓28	0♉24	24°11	29°50	8°42	5° 4	10°59	9° 7	2° 1	12°43	11°21	6°10	1°24	M20
T 21	14 32 52	9°49'37	14°16	2°27	25° 0	0♋27	8°34	5° 6	10°59	9° 8	2° 2	12°R44	11°18	6°17	1°27	T 21
W22	14 36 48	10°47'39	26°50	4°32	25°49	1° 3	8°27	5° 7	11° 0	9° 9	2° 3	12°43	11°15	6°24	1°30	W22
T 23	14 40 45	11°45'41	9♈12	6°38	26°39	1°40	8°19	5° 8	11° 1	9°11	2° 5	12°39	11°11	6°30	1°33	T 23
F 24	14 44 41	12°43'41	21°25	8°45	27°30	2°17	8°11	5°10	11° 1	9°12	2° 6	12°34	11° 8	6°37	1°36	F 24
S 25	14 48 38	13°41'39	3♉31	10°54	28°21	2°54	8° 4	5°11	11° 2	9°13	2° 7	12°25	11° 5	6°44	1°39	S 25
S 26	14 52 35	14°39'36	15°30	13° 3	29°13	3°30	7°56	5°12	11° 3	9°15	2° 8	12°15	11° 2	6°50	1°42	S 26
M27	14 56 31	15°37'32	27°26	15°13	0♈ 6	4° 7	7°49	5°13	11° 3	9°16	2° 9	12° 3	10°59	6°57	1°45	M27
T 28	15 0 28	16°35'26	9♊19	17°24	0°59	4°44	7°41	5°13	11° 4	9°18	2°10	11°51	10°56	7° 4	1°47	T 28
W29	15 4 24	17°33'18	21°10	19°35	1°53	5°21	7°34	5°14	11° 4	9°19	2°11	11°39	10°52	7°11	1°50	W29
T 30	15 8 21	18♉31'09	3♋ 3	21♉46	2♈47	5♋57	7♏26	5♒15	11♒ 4	9♋21	2♈13	11♓30	10♓49	7♊17	1♈53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n59	27n29	5n10	3s41	2s35	4s17	3n 2	24n23	1n24	13s52	1n23	19s36	0s22	18s14	0s38	22n24	0s48	14s22	16s23	6s30	6s56	26n 0	2n52	2n59
T 2	8 21	28 27	5 5	3 5	2 35	4 17	2 51	24 26	1 24	13 49	1 23	19 35	0 23	18 13	0 38	22 24	0 48	14 22	16 23	6 32	6 58	26 2	2 54	2 59
F 3	8 43	28 6	4 46	2 27	2 35	4 17	2 40	24 29	1 24	13 47	1 23	19 34	0 23	18 13	0 38	22 24	0 48	14 21	16 24	6 33	6 59	26 3	2 55	2 59
S 4	9 5	26 25	4 14	1 49	2 34	4 15	2 29	24 31	1 24	13 45	1 23	19 34	0 23	18 13	0 38	22 24	0 48	14 21	16 24	6 33	7 0	26 4	2 56	2 59
S 5	9 26	23 29	3 31	1 9	2 32	4 12	2 19	24 34	1 24	13 43	1 23	19 33	0 23	18 12	0 38	22 24	0 48	14 20	16 24	6 33	7 1	26 6	2 58	2 59
M 6	9 48	19 22	2 36	0 28	2 30	4 9	2 8	24 37	1 24	13 41	1 23	19 32	0 23	18 12	0 38	22 24	0 48	14 20	16 24	6 33	7 3	26 7	2 59	2 59
T 7	10 9	14 16	1 32	0n13	2 28	4 5	1 58	24 39	1 24	13 38	1 23	19 32	0 23	18 12	0 38	22 24	0 48	14 19	16 24	6 32	7 4	26 9	3 0	2 59
W 8	10 30	8 21	0 21	0 56	2 25	4 1	1 48	24 41	1 24	13 36	1 23	19 31	0 23	18 11	0 38	22 24	0 48	14 19	16 24	6 32	7 5	26 10	3 2	2 59
T 9	10 51	1 51	0s53	1 40	2 21	3 56	1 38	24 43	1 24	13 34	1 23	19 31	0 23	18 11	0 38	22 24	0 48	14 19	16 24	6 32	7 6	26 11	3 3	2 59
F 10	11 12	4s57	2 7	2 25	2 17	3 49	1 29	24 45	1 24	13 32	1 23	19 30	0 23	18 11	0 38	22 24	0 48	14 18	16 25	6 33	7 7	26 13	3 5	2 59
S 11	11 33	11 39	3 14	3 10	2 13	3 43	1 19	24 46	1 24	13 29	1 23	19 30	0 24	18 10	0 38	22 24	0 48	14 18	16 25	6 35	7 9	26 14	3 6	2 59
S 12	11 53	17 50	4 9	3 57	2 7	3 35	1 10	24 48	1 24	13 27	1 23	19 29	0 24	18 10	0 38	22 24	0 48	14 17	16 25	6 37	7 10	26 15	3 7	2 59
M13	12 13	22 59	4 47	4 44	2 2	3 27	1 1	24 49	1 24	13 25	1 23	19 29	0 24	18 10	0 38	22 24	0 48	14 17	16 25	6 40	7 11	26 17	3 9	2 59
T 14	12 33	26 36	5 5	5 32	1 56	3 19	0 53	24 50	1 24	13 22	1 23	19 29	0 24	18 9	0 38	22 24	0 48	14 17	16 25	6 43	7 12	26 18	3 10	2 59
W15	12 53	28 18	5 3	6 21	1 49	3 9	0 44	24 51	1 24	13 20	1 23	19 28	0 24	18 9	0 38	22 24	0 48	14 16	16 25	6 45	7 13	26 19	3 11	2 59
T 16	13 13	27 59	4 40	7 11	1 42	2 59	0 36	24 52	1 24	13 18	1 23	19 28	0 24	18 9	0 38	22 24	0 48	14 16	16 26	6 47	7 15	26 21	3 12	2 59
F 17	13 32	25 49	4 1	8 1	1 34	2 49	0 28	24 53	1 24	13 15	1 23	19 27	0 24	18 9	0 38	22 24	0 48	14 16	16 26	6 48	7 16	26 22	3 14	2 59
S 18	13 51	22 8	3 9	8 51	1 26	2 38	0 20	24 53	1 24	13 13	1 22	19 27	0 24	18 8	0 38	22 24	0 48	14 15	16 26	6 49	7 17	26 23	3 15	2 59
S 19	14 10	17 22	2 7	9 42	1 18	2 26	0 12	24 53	1 24	13 10	1 22	19 27	0 25	18 8	0 38	22 24	0 47	14 15	16 26	6 48	7 18	26 25	3 16	2 59
M20	14 29	11 55	1 0	10 34	1 9	2 14	0 5	24 53	1 24	13 8	1 22	19 27	0 25	18 8	0 38	22 24	0 47	14 15	16 27	6 48	7 20	26 26	3 18	2 59
T 21	14 48	6 5	0n 8	11 25	1 0	2 2	0s 2	24 53	1 23	13 6	1 22	19 26	0 25	18 8	0 38	22 24	0 47	14 15	16 27	6 48	7 21	26 27	3 19	2 59
W22	15 6	0 7	1 15	12 16	0 50	1 49	0 9	24 53	1 23	13 3	1 22	19 26	0 25	18 8	0 38	22 23	0 47	14 14	16 27	6 48	7 22	26 29	3 20	2 59
T 23	15 24	5n45	2 17	13 7	0 40	1 35	0 16	24 52	1 23	13 1	1 22	19 26	0 25	18 7	0 39	22 23	0 47	14 14	16 27	6 50	7 23	26 30	3 21	2 59
F 24	15 42	11 19	3 11	13 58	0 30	1 21	0 23	24 52	1 23	12 58	1 22	19 26	0 25	18 7	0 39	22 23	0 47	14 14	16 27	6 52	7 24	26 31	3 23	2 59
S 25	15 59	16 25	3 56	14 49	0 20	1 6	0 29	24 51	1 23	12 56	1 22	19 26	0 25	18 7	0 39	22 23	0 47	14 14	16 28	6 55	7 26	26 32	3 24	2 59
S 26	16 16	20 50	4 31	15 38	0 10	0 51	0 36	24 50	1 23	12 54	1 22	19 25	0 25	18 7	0 39	22 23	0 47	14 13	16 28	6 59	7 27	26 34	3 25	2 59
M27	16 33	24 23	4 53	16 27	0n 1	0 36	0 42	24 49	1 23	12 51	1 22	19 25	0 25	18 7	0 39	22 23	0 47	14 13	16 28	7 3	7 28	26 35	3 26	2 59
T 28	16 50	26 52	5 2	17 15	0 12	0 20	0 48	24 48	1 23	12 49	1 22	19 25	0 26	18 7	0 39	22 23	0 47	14 13	16 28	7 8	7 29	26 36	3 27	2 59
W29	17 7	28 10	4 58	18 1	0 22	0 4	0 53	24 46	1 23	12 47	1 22	19 25	0 26	18 7	0 39	22 23	0 47	14 13	16 29	7 12	7 30	26 37	3 29	2 59
T 30	17n23	28n 9	4n41	18n46	0n32	0n12	0s59	24n44	1n23	12s45	1n21	19s25	0s26	18s 7	0s39	22n23	0s47	14s13	16s29	7s16	7s32	26n38	3n30	3n 0

Julian Day Number = 2297877.5, Delta T = 121.33 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'08, Lahiri = 17°59'08 Julian Calendar 1 Apr. 1579 == Greg. Calendar 11 Apr. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

MAY 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 12 17	19♉28'58	14♋59	23♉57	3♈41	6♋34	7°R19	5♒15	11♒ 5	9♋22	2♈14	11°R22	10♓46	7♊24	1♈56	F 1
S 2	15 16 14	20°26'45	27° 2	26° 7	4°37	7°11	7♏11	5°16	11° 5	9°24	2°15	11♓17	10°43	7°31	1°58	S 2
S 3	15 20 10	21°24'31	9♌16	28°16	5°32	7°48	7° 4	5°16	11° 5	9°26	2°16	11°15	10°40	7°38	2° 1	S 3
M 4	15 24 7	22°22'15	21°46	0♊24	6°29	8°24	6°57	5°16	11° 5	9°27	2°17	11°D14	10°36	7°44	2° 4	M 4
T 5	15 28 4	23°19'57	4♍36	2°31	7°25	9° 1	6°50	5°16	11° 5	9°29	2°18	11°R14	10°33	7°51	2° 6	T 5
W 6	15 32 0	24°17'38	17°51	4°37	8°22	9°38	6°43	5°R16	11°R 5	9°31	2°19	11°14	10°30	7°58	2° 9	W 6
T 7	15 35 57	25°15'17	1♎34	6°40	9°20	10°15	6°36	5°16	11° 5	9°32	2°20	11°13	10°27	8° 4	2°11	T 7
F 8	15 39 53	26°12'55	15°46	8°42	10°18	10°52	6°29	5°16	11° 5	9°34	2°21	11° 9	10°24	8°11	2°14	F 8
S 9	15 43 50	27°10'31	0♏26	10°41	11°16	11°29	6°22	5°16	11° 5	9°36	2°22	11° 3	10°21	8°18	2°16	S 9
S 10	15 47 46	28° 8'06	15°29	12°38	12°15	12° 5	6°16	5°16	11° 5	9°37	2°23	10°55	10°17	8°25	2°19	S 10
M11	15 51 43	29° 5'39	0♐45	14°32	13°14	12°42	6° 9	5°15	11° 5	9°39	2°24	10°45	10°14	8°31	2°21	M11
T 12	15 55 39	0♊ 3'12	16° 4	16°24	14°13	13°19	6° 3	5°15	11° 5	9°41	2°24	10°34	10°11	8°38	2°23	T 12
W13	15 59 36	1° 0'43	1♑15	18°13	15°13	13°56	5°56	5°14	11° 4	9°43	2°25	10°25	10° 8	8°45	2°26	W13
T 14	16 3 33	1°58'14	16° 7	19°59	16°13	14°33	5°50	5°13	11° 4	9°45	2°26	10°17	10° 5	8°51	2°28	T 14
F 15	16 7 29	2°55'43	0♒34	21°43	17°13	15°10	5°44	5°12	11° 4	9°47	2°27	10°11	10° 2	8°58	2°30	F 15
S 16	16 11 26	3°53'12	14°33	23°24	18°14	15°47	5°38	5°11	11° 3	9°48	2°28	10° 9	9°58	9° 5	2°32	S 16
S 17	16 15 22	4°50'40	28° 4	25° 2	19°15	16°24	5°32	5°10	11° 3	9°50	2°29	10° 8	9°55	9°12	2°35	S 17
M18	16 19 19	5°48'07	11♓10	26°37	20°17	17° 1	5°26	5° 9	11° 2	9°52	2°29	10° 8	9°52	9°18	2°37	M18
T 19	16 23 15	6°45'34	23°53	28° 9	21°18	17°37	5°20	5° 8	11° 2	9°54	2°30	10° 7	9°49	9°25	2°39	T 19
W20	16 27 12	7°42'59	6♈20	29°38	22°20	18°14	5°15	5° 7	11° 1	9°56	2°31	10° 5	9°46	9°32	2°41	W20
T 21	16 31 8	8°40'24	18°33	1♋ 4	23°22	18°51	5° 9	5° 5	11° 0	9°58	2°32	10° 1	9°42	9°39	2°43	T 21
F 22	16 35 5	9°37'49	0♉37	2°28	24°25	19°28	5° 4	5° 4	10°59	10° 0	2°32	9°54	9°39	9°45	2°44	F 22
S 23	16 39 2	10°35'12	12°35	3°48	25°27	20° 5	4°59	5° 2	10°59	10° 2	2°33	9°45	9°36	9°52	2°46	S 23
S 24	16 42 58	11°32'36	24°29	5° 5	26°30	20°42	4°54	5° 1	10°58	10° 4	2°34	9°32	9°33	9°59	2°48	S 24
M25	16 46 55	12°29'58	6♊21	6°19	27°33	21°19	4°49	4°59	10°57	10° 6	2°34	9°19	9°30	10° 5	2°50	M25
T 26	16 50 51	13°27'19	18°13	7°30	28°37	21°56	4°45	4°57	10°56	10° 8	2°35	9° 5	9°27	10°12	2°52	T 26
W27	16 54 48	14°24'40	0♋ 6	8°37	29°40	22°33	4°40	4°55	10°55	10°10	2°36	8°51	9°23	10°19	2°53	W27
T 28	16 58 44	15°22'00	12° 2	9°41	0♉44	23°10	4°36	4°53	10°54	10°12	2°36	8°40	9°20	10°26	2°55	T 28
F 29	17 2 41	16°19'20	24° 2	10°42	1°48	23°47	4°32	4°51	10°53	10°14	2°37	8°31	9°17	10°32	2°56	F 29
S 30	17 6 38	17°16'38	6♌ 9	11°40	2°52	24°25	4°27	4°49	10°52	10°16	2°37	8°25	9°14	10°39	2°58	S 30
S 31	17 10 34	18♊13'56	18♌26	12♋33	3♉57	25♋ 2	4♏24	4♒47	10♒51	10♋18	2♈38	8♓21	9♓11	10♊46	2♈59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n39	26n50	4n12	19n30	0n43	0n29	1s 4	24n42	1n23	12s42	1n21	19s25	0s26	18s 7	0s39	22n23	0s47	14s12	16s29	7s19	7s33	26n40	3n31	3n 0
S 2	17 54	24 16	3 32	20 11	0 53	0 47	1 9	24 40	1 23	12 40	1 21	19 25	0 26	18 7	0 39	22 23	0 47	14 12	16 29	7 21	7 34	26 41	3 32	3 0
S 3	18 9	20 34	2 41	20 50	1 2	1 4	1 14	24 38	1 22	12 38	1 21	19 25	0 26	18 7	0 39	22 23	0 47	14 12	16 30	7 22	7 35	26 42	3 33	3 0
M 4	18 24	15 53	1 41	21 27	1 11	1 22	1 19	24 36	1 22	12 36	1 21	19 25	0 26	18 7	0 39	22 23	0 47	14 12	16 30	7 22	7 36	26 43	3 34	3 0
T 5	18 39	10 24	0 35	22 1	1 20	1 40	1 24	24 33	1 22	12 33	1 21	19 25	0 26	18 7	0 39	22 23	0 47	14 12	16 30	7 22	7 38	26 44	3 35	3 0
W 6	18 53	4 17	0s35	22 33	1 28	1 59	1 28	24 31	1 22	12 31	1 21	19 26	0 27	18 7	0 39	22 22	0 47	14 12	16 31	7 22	7 39	26 46	3 36	3 0
T 7	19 7	2s14	1 45	23 3	1 36	2 17	1 33	24 28	1 22	12 29	1 20	19 26	0 27	18 7	0 39	22 22	0 47	14 11	16 31	7 23	7 40	26 47	3 37	3 0
F 8	19 21	8 52	2 52	23 30	1 43	2 36	1 37	24 25	1 22	12 27	1 20	19 26	0 27	18 7	0 39	22 22	0 47	14 11	16 31	7 24	7 41	26 48	3 38	3 0
S 9	19 34	15 13	3 49	23 54	1 49	2 55	1 41	24 21	1 22	12 25	1 20	19 26	0 27	18 7	0 39	22 22	0 47	14 11	16 31	7 26	7 42	26 49	3 39	3 0
S 10	19 47	20 51	4 32	24 15	1 54	3 15	1 45	24 18	1 22	12 23	1 20	19 26	0 27	18 7	0 39	22 22	0 47	14 11	16 32	7 29	7 44	26 50	3 41	3 0
M11	20 0	25 11	4 56	24 34	1 59	3 34	1 48	24 14	1 21	12 21	1 20	19 26	0 27	18 7	0 39	22 22	0 47	14 11	16 32	7 33	7 45	26 51	3 42	3 0
T 12	20 13	27 44	4 59	24 51	2 3	3 54	1 52	24 11	1 21	12 19	1 20	19 27	0 27	18 7	0 39	22 22	0 47	14 11	16 32	7 37	7 46	26 52	3 43	3 0
W13	20 25	28 11	4 41	25 4	2 7	4 14	1 55	24 7	1 21	12 17	1 19	19 27	0 27	18 7	0 39	22 22	0 47	14 11	16 33	7 41	7 47	26 53	3 43	3 0
T 14	20 36	26 34	4 4	25 16	2 9	4 34	1 58	24 3	1 21	12 15	1 19	19 27	0 28	18 7	0 39	22 22	0 47	14 11	16 33	7 44	7 48	26 55	3 44	3 0
F 15	20 48	23 13	3 13	25 25	2 11	4 55	2 1	23 58	1 21	12 13	1 19	19 28	0 28	18 8	0 39	22 22	0 47	14 11	16 33	7 46	7 50	26 56	3 45	3 0
S 16	20 59	18 35	2 11	25 32	2 12	5 15	2 4	23 54	1 21	12 11	1 19	19 28	0 28	18 8	0 39	22 21	0 47	14 11	16 34	7 47	7 51	26 57	3 46	3 1
S 17	21 9	13 10	1 3	25 36	2 12	5 36	2 7	23 49	1 21	12 10	1 19	19 28	0 28	18 8	0 39	22 21	0 47	14 11	16 34	7 47	7 52	26 58	3 47	3 1
M18	21 19	7 19	0n 5	25 38	2 11	5 57	2 9	23 44	1 20	12 8	1 18	19 29	0 28	18 8	0 39	22 21	0 47	14 11	16 34	7 47	7 53	26 59	3 48	3 1
T 19	21 29	1 20	1 12	25 39	2 10	6 18	2 12	23 40	1 20	12 6	1 18	19 29	0 28	18 8	0 39	22 21	0 47	14 11	16 35	7 47	7 54	27 0	3 49	3 1
W20	21 39	4n34	2 14	25 37	2 8	6 39	2 14	23 34	1 20	12 5	1 18	19 30	0 28	18 8	0 40	22 21	0 47	14 11	16 35	7 48	7 56	27 1	3 50	3 1
T 21	21 48	10 11	3 8	25 34	2 5	7 0	2 16	23 29	1 20	12 3	1 18	19 30	0 28	18 9	0 40	22 21	0 47	14 11	16 35	7 50	7 57	27 2	3 51	3 1
F 22	21 57	15 21	3 53	25 29	2 1	7 21	2 18	23 24	1 20	12 1	1 18	19 31	0 29	18 9	0 40	22 21	0 47	14 11	16 36	7 52	7 58	27 3	3 52	3 1
S 23	22 5	19 53	4 27	25 23	1 56	7 42	2 20	23 18	1 20	12 0	1 17	19 31	0 29	18 9	0 40	22 21	0 47	14 11	16 36	7 56	7 59	27 4	3 52	3 1
S 24	22 13	23 36	4 49	25 15	1 51	8 3	2 22	23 12	1 19	11 59	1 17	19 32	0 29	18 9	0 40	22 20	0 46	14 11	16 36	8 1	8 0	27 5	3 53	3 1
M25	22 21	26 19	4 59	25 6	1 45	8 24	2 23	23 6	1 19	11 57	1 17	19 32	0 29	18 10	0 40	22 20	0 46	14 11	16 37	8 6	8 2	27 6	3 54	3 1
T 26	22 28	27 53	4 56	24 55	1 38	8 45	2 24	23 0	1 19	11 56	1 17	19 33	0 29	18 10	0 40	22 20	0 46	14 11	16 37	8 11	8 3	27 7	3 55	3 1
W27	22 35	28 9	4 39	24 44	1 31	9 7	2 26	22 54	1 19	11 54	1 16	19 33	0 29	18 10	0 40	22 20	0 46	14 11	16 37	8 16	8 4	27 8	3 55	3 1
T 28	22 41	27 7	4 11	24 31	1 23	9 28	2 27	22 48	1 19	11 53	1 16	19 34	0 29	18 11	0 40	22 20	0 46	14 11	16 38	8 20	8 5	27 9	3 56	3 2
F 29	22 47	24 49	3 31	24 17	1 14	9 49	2 28	22 41	1 19	11 52	1 16	19 34	0 29	18 11	0 40	22 20	0 46	14 11	16 38	8 24	8 6	27 10	3 57	3 2
S 30	22 53	21 23	2 41	24 3	1 4	10 10	2 29	22 34	1 18	11 51	1 16	19 35	0 30	18 11	0 40	22 20	0 46	14 11	16 38	8 26	8 8	27 11	3 58	3 2
S 31	22n58	16n58	1n43	23n48	0n54	10n31	2s30	22n28	1n18	11s50	1n15	19s36	0s30	18s12	0s40	22n19	0s46	14s11	16s39	8s27	8s 9	27n12	3n58	3n 2

Julian Day Number = 2297907.5, Delta T = 121.19 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'12, Lahiri = 17°59'12 Julian Calendar 1 May 1579 == Greg. Calendar 11 May 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

JUNE 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 14 31	19♊11'12	0♍57	13♋24	5♉ 1	25♋39	4°R20	4°R44	10°R50	10♋20	2♈38	8°R20	9♓ 8	10♊53	3♈ 1	M 1
T 2	17 18 27	20° 8'28	13°46	14°10	6° 6	26°16	4♏16	4♒42	10♒49	10°23	2°39	8♓20	9° 4	10°59	3° 2	T 2
W 3	17 22 24	21° 5'43	26°57	14°53	7°11	26°53	4°13	4°39	10°47	10°25	2°39	8°20	9° 1	11° 6	3° 3	W 3
T 4	17 26 20	22° 2'58	10♎33	15°31	8°16	27°30	4°10	4°37	10°46	10°27	2°40	8°19	8°58	11°13	3° 5	T 4
F 5	17 30 17	23° 0'11	24°36	16° 6	9°22	28° 7	4° 7	4°34	10°45	10°29	2°40	8°16	8°55	11°19	3° 6	F 5
S 6	17 34 13	23°57'24	9♏ 7	16°36	10°27	28°44	4° 4	4°31	10°43	10°31	2°40	8°10	8°52	11°26	3° 7	S 6
S 7	17 38 10	24°54'36	24° 1	17° 2	11°33	29°21	4° 1	4°28	10°42	10°33	2°41	8° 2	8°48	11°33	3° 8	S 7
M 8	17 42 7	25°51'48	9♐12	17°24	12°38	29°59	3°59	4°25	10°41	10°35	2°41	7°53	8°45	11°40	3° 9	M 8
T 9	17 46 3	26°48'59	24°29	17°41	13°44	0♎36	3°56	4°22	10°39	10°38	2°42	7°43	8°42	11°46	3°10	T 9
W10	17 50 0	27°46'10	9♑43	17°54	14°51	1°13	3°54	4°19	10°38	10°40	2°42	7°34	8°39	11°53	3°11	W10
T 11	17 53 56	28°43'21	24°41	18° 2	15°57	1°50	3°52	4°16	10°36	10°42	2°42	7°26	8°36	12° 0	3°12	T 11
F 12	17 57 53	29°40'32	9♒15	18°R 6	17° 3	2°27	3°50	4°13	10°34	10°44	2°42	7°21	8°33	12° 7	3°13	F 12
S 13	18 1 49	0♋37'43	23°22	18° 5	18°10	3° 4	3°49	4°10	10°33	10°46	2°43	7°18	8°29	12°13	3°14	S 13
S 14	18 5 46	1°34'53	7♓ 0	17°59	19°17	3°42	3°47	4° 6	10°31	10°49	2°43	7°D18	8°26	12°20	3°14	S 14
M15	18 9 42	2°32'04	20°10	17°49	20°23	4°19	3°46	4° 3	10°29	10°51	2°43	7°18	8°23	12°27	3°15	M15
T 16	18 13 39	3°29'15	2♈57	17°35	21°30	4°56	3°45	4° 0	10°28	10°53	2°43	7°R18	8°20	12°33	3°16	T 16
W17	18 17 36	4°26'26	15°23	17°16	22°38	5°33	3°44	3°56	10°26	10°55	2°43	7°18	8°17	12°40	3°16	W17
T 18	18 21 32	5°23'37	27°34	16°53	23°45	6°11	3°43	3°52	10°24	10°57	2°44	7°15	8°14	12°47	3°17	T 18
F 19	18 25 29	6°20'49	9♉35	16°27	24°52	6°48	3°43	3°49	10°22	11° 0	2°44	7°11	8°10	12°54	3°17	F 19
S 20	18 29 25	7°18'01	21°30	15°58	26° 0	7°25	3°42	3°45	10°20	11° 2	2°44	7° 4	8° 7	13° 0	3°18	S 20
S 21	18 33 22	8°15'13	3♊22	15°25	27° 7	8° 3	3°42	3°41	10°19	11° 4	2°44	6°55	8° 4	13° 7	3°18	S 21
M22	18 37 18	9°12'26	15°13	14°51	28°15	8°40	3°D42	3°38	10°17	11° 6	2°44	6°44	8° 1	13°14	3°18	M22
T 23	18 41 15	10° 9'38	27° 7	14°14	29°23	9°17	3°42	3°34	10°15	11° 9	2°44	6°33	7°58	13°20	3°19	T 23
W24	18 45 11	11° 6'51	9♋ 4	13°36	0♊31	9°55	3°43	3°30	10°13	11°11	2°R44	6°23	7°54	13°27	3°19	W24
T 25	18 49 8	12° 4'04	21° 7	12°58	1°39	10°32	3°43	3°26	10°11	11°13	2°44	6°14	7°51	13°34	3°19	T 25
F 26	18 53 5	13° 1'18	3♌17	12°20	2°47	11° 9	3°44	3°22	10° 9	11°15	2°44	6° 8	7°48	13°41	3°19	F 26
S 27	18 57 1	13°58'31	15°34	11°42	3°56	11°47	3°45	3°18	10° 7	11°17	2°44	6° 3	7°45	13°47	3°R19	S 27
S 28	19 0 58	14°55'44	28° 2	11° 6	5° 4	12°24	3°46	3°14	10° 5	11°20	2°44	6° 1	7°42	13°54	3°19	S 28
M29	19 4 54	15°52'58	10♍42	10°32	6°13	13° 2	3°47	3°10	10° 3	11°22	2°44	6°D 1	7°39	14° 1	3°19	M29
T 30	19 8 51	16♋50'12	23♍37	10♋ 0	7♊21	13♌39	3♏48	3♒ 6	10♒ 0	11♋24	2♈43	6♓ 2	7♓35	14♊ 8	3♈19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 3	11n46	0n39	23n32	0n43	10n52	2s30	22n21	1n18	11s49	1n15	19s36	0s30	18s12	0s40	22n19	0s46	14s12	16s39	8s28	8s10	27n13	3n59	3n 2
T 2	23 8	5 57	0s29	23 16	0 31	11 13	2 31	22 13	1 18	11 48	1 15	19 37	0 30	18 12	0 40	22 19	0 46	14 12	16 39	8 28	8 11	27 14	4 0	3 2
W 3	23 12	0s16	1 37	22 59	0 19	11 34	2 31	22 6	1 18	11 47	1 15	19 38	0 30	18 13	0 40	22 19	0 46	14 12	16 40	8 28	8 12	27 15	4 0	3 2
T 4	23 15	6 40	2 42	22 42	0 6	11 54	2 31	21 59	1 18	11 46	1 14	19 39	0 30	18 13	0 40	22 19	0 46	14 12	16 40	8 28	8 14	27 16	4 1	3 2
F 5	23 19	12 57	3 39	22 24	0s 7	12 15	2 32	21 51	1 17	11 45	1 14	19 39	0 30	18 13	0 40	22 19	0 46	14 12	16 40	8 30	8 15	27 17	4 1	3 2
S 6	23 21	18 44	4 24	22 7	0 21	12 35	2 32	21 43	1 17	11 45	1 14	19 40	0 30	18 14	0 40	22 19	0 46	14 12	16 41	8 32	8 16	27 18	4 2	3 2
S 7	23 24	23 33	4 53	21 49	0 35	12 56	2 32	21 35	1 17	11 44	1 14	19 41	0 31	18 14	0 40	22 18	0 46	14 13	16 41	8 34	8 17	27 19	4 2	3 3
M 8	23 26	26 51	5 1	21 32	0 50	13 16	2 31	21 27	1 17	11 43	1 13	19 42	0 31	18 15	0 40	22 18	0 46	14 13	16 42	8 38	8 18	27 20	4 3	3 3
T 9	23 27	28 12	4 49	21 15	1 5	13 36	2 31	21 19	1 17	11 43	1 13	19 43	0 31	18 15	0 40	22 18	0 46	14 13	16 42	8 42	8 20	27 20	4 3	3 3
W10	23 29	27 24	4 16	20 58	1 21	13 56	2 31	21 11	1 16	11 42	1 13	19 44	0 31	18 15	0 40	22 18	0 46	14 13	16 42	8 45	8 21	27 21	4 4	3 3
T 11	23 29	24 37	3 26	20 41	1 37	14 15	2 30	21 2	1 16	11 42	1 13	19 44	0 31	18 16	0 40	22 18	0 46	14 13	16 43	8 48	8 22	27 22	4 4	3 3
F 12	23 30	20 17	2 23	20 25	1 53	14 34	2 30	20 53	1 16	11 42	1 12	19 45	0 31	18 16	0 40	22 18	0 46	14 14	16 43	8 50	8 23	27 23	4 5	3 3
S 13	23 30	14 55	1 13	20 9	2 9	14 54	2 29	20 45	1 16	11 41	1 12	19 46	0 31	18 17	0 40	22 18	0 46	14 14	16 43	8 51	8 24	27 24	4 5	3 3
S 14	23 29	8 59	0 2	19 54	2 25	15 13	2 28	20 36	1 16	11 41	1 12	19 47	0 31	18 17	0 40	22 17	0 46	14 14	16 44	8 51	8 26	27 25	4 6	3 3
M15	23 28	2 52	1n 8	19 39	2 40	15 31	2 27	20 27	1 15	11 41	1 12	19 48	0 32	18 18	0 40	22 17	0 46	14 14	16 44	8 51	8 27	27 26	4 6	3 3
T 16	23 27	3n12	2 12	19 26	2 56	15 50	2 26	20 17	1 15	11 41	1 11	19 49	0 32	18 18	0 40	22 17	0 46	14 15	16 45	8 51	8 28	27 27	4 6	3 3
W17	23 25	8 58	3 8	19 13	3 11	16 8	2 25	20 8	1 15	11 41	1 11	19 50	0 32	18 19	0 40	22 17	0 46	14 15	16 45	8 51	8 29	27 27	4 7	3 4
T 18	23 23	14 17	3 55	19 2	3 26	16 26	2 24	19 59	1 15	11 41	1 11	19 51	0 32	18 19	0 40	22 17	0 46	14 15	16 45	8 52	8 30	27 28	4 7	3 4
F 19	23 21	18 59	4 30	18 51	3 40	16 43	2 23	19 49	1 14	11 41	1 10	19 52	0 32	18 20	0 40	22 17	0 46	14 16	16 46	8 54	8 31	27 29	4 7	3 4
S 20	23 18	22 53	4 53	18 41	3 53	17 1	2 21	19 39	1 14	11 41	1 10	19 53	0 32	18 20	0 40	22 16	0 46	14 16	16 46	8 56	8 33	27 30	4 7	3 4
S 21	23 14	25 50	5 3	18 33	4 5	17 17	2 20	19 29	1 14	11 41	1 10	19 54	0 32	18 21	0 41	22 16	0 46	14 16	16 46	9 0	8 34	27 31	4 8	3 4
M22	23 11	27 39	5 1	18 26	4 16	17 34	2 18	19 19	1 14	11 41	1 10	19 55	0 32	18 21	0 41	22 16	0 46	14 16	16 47	9 4	8 35	27 31	4 8	3 4
T 23	23 6	28 13	4 45	18 20	4 25	17 50	2 17	19 9	1 14	11 42	1 9	19 56	0 32	18 22	0 41	22 16	0 46	14 17	16 47	9 8	8 36	27 32	4 8	3 4
W24	23 2	27 27	4 17	18 16	4 33	18 6	2 15	18 59	1 13	11 42	1 9	19 57	0 33	18 23	0 41	22 16	0 46	14 17	16 48	9 11	8 37	27 33	4 8	3 4
T 25	22 57	25 24	3 37	18 13	4 40	18 22	2 13	18 49	1 13	11 42	1 9	19 58	0 33	18 23	0 41	22 15	0 46	14 17	16 48	9 15	8 39	27 34	4 8	3 4
F 26	22 51	22 10	2 46	18 11	4 46	18 37	2 12	18 38	1 13	11 43	1 9	19 59	0 33	18 24	0 41	22 15	0 46	14 18	16 48	9 17	8 40	27 35	4 9	3 4
S 27	22 46	17 55	1 48	18 11	4 49	18 52	2 10	18 27	1 13	11 44	1 8	20 0	0 33	18 24	0 41	22 15	0 46	14 18	16 49	9 19	8 41	27 35	4 9	3 5
S 28	22 39	12 51	0 43	18 12	4 51	19 6	2 8	18 17	1 12	11 44	1 8	20 1	0 33	18 25	0 41	22 15	0 46	14 19	16 49	9 19	8 42	27 36	4 9	3 5
M29	22 33	7 11	0s25	18 14	4 52	19 20	2 6	18 6	1 12	11 45	1 8	20 2	0 33	18 25	0 41	22 15	0 46	14 19	16 49	9 20	8 43	27 37	4 9	3 5
T 30	22n26	1n 7	1s33	18n18	4s50	19n33	2s 4	17n55	1n12	11s46	1n 7	20s 3	0s33	18s26	0s41	22n15	0s46	14s19	16s50	9s19	8s45	27n37	4n 9	3n 5

Julian Day Number = 2297938.5, Delta T = 121.04 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'16, Lahiri = 17°59'16 Julian Calendar 1 June 1579 == Greg. Calendar 11 June 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

JULY 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 12 47	17♋47'25	6♎50	9°R32	8♊30	14♌17	3♏50	3°R 1	9°R58	11♋26	2°R43	6♓ 3	7♓32	14♊14	3°R19	W 1
T 2	19 16 44	18°44'39	20°23	9♋ 7	9°39	14°54	3°52	2♒57	9♒56	11°29	2♈43	6°R 3	7°29	14°21	3♈19	T 2
F 3	19 20 40	19°41'53	4♏19	8°47	10°48	15°32	3°54	2°53	9°54	11°31	2°43	6° 3	7°26	14°28	3°18	F 3
S 4	19 24 37	20°39'07	18°37	8°31	11°57	16° 9	3°56	2°49	9°52	11°33	2°43	6° 0	7°23	14°34	3°18	S 4
S 5	19 28 34	21°36'22	3♐15	8°20	13° 6	16°47	3°58	2°44	9°49	11°35	2°42	5°55	7°20	14°41	3°18	S 5
M 6	19 32 30	22°33'37	18° 8	8°D15	14°15	17°24	4° 1	2°40	9°47	11°37	2°42	5°50	7°16	14°48	3°17	M 6
T 7	19 36 27	23°30'52	3♑ 9	8°15	15°24	18° 2	4° 3	2°36	9°45	11°40	2°42	5°43	7°13	14°55	3°17	T 7
W 8	19 40 23	24°28'08	18° 8	8°21	16°34	18°39	4° 6	2°31	9°43	11°42	2°42	5°37	7°10	15° 1	3°16	W 8
T 9	19 44 20	25°25'24	2♒58	8°32	17°43	19°17	4° 9	2°27	9°40	11°44	2°41	5°33	7° 7	15° 8	3°15	T 9
F 10	19 48 16	26°22'41	17°29	8°50	18°53	19°55	4°12	2°22	9°38	11°46	2°41	5°30	7° 4	15°15	3°15	F 10
S 11	19 52 13	27°19'59	1♓36	9°13	20° 2	20°32	4°16	2°18	9°36	11°48	2°41	5°D29	7° 0	15°22	3°14	S 11
S 12	19 56 10	28°17'18	15°17	9°43	21°12	21°10	4°19	2°14	9°33	11°50	2°40	5°29	6°57	15°28	3°13	S 12
M13	20 0 6	29°14'37	28°32	10°18	22°22	21°48	4°23	2° 9	9°31	11°53	2°40	5°30	6°54	15°35	3°12	M13
T 14	20 4 3	0♌11'58	11♈22	10°59	23°32	22°25	4°27	2° 5	9°29	11°55	2°39	5°32	6°51	15°42	3°12	T 14
W15	20 7 59	1° 9'19	23°52	11°47	24°42	23° 3	4°31	2° 0	9°26	11°57	2°39	5°33	6°48	15°48	3°11	W15
T 16	20 11 56	2° 6'42	6♉ 6	12°40	25°52	23°41	4°35	1°56	9°24	11°59	2°38	5°R33	6°45	15°55	3°10	T 16
F 17	20 15 52	3° 4'06	18° 8	13°39	27° 2	24°18	4°39	1°51	9°22	12° 1	2°38	5°32	6°41	16° 2	3° 9	F 17
S 18	20 19 49	4° 1'31	0♊ 2	14°44	28°13	24°56	4°44	1°47	9°19	12° 3	2°37	5°29	6°38	16° 9	3° 8	S 18
S 19	20 23 45	4°58'57	11°54	15°54	29°23	25°34	4°48	1°42	9°17	12° 5	2°37	5°25	6°35	16°15	3° 7	S 19
M20	20 27 42	5°56'25	23°47	17° 9	0♋34	26°12	4°53	1°38	9°15	12° 7	2°36	5°21	6°32	16°22	3° 5	M20
T 21	20 31 39	6°53'54	5♋44	18°30	1°44	26°50	4°58	1°34	9°12	12°10	2°36	5°16	6°29	16°29	3° 4	T 21
W22	20 35 35	7°51'24	17°48	19°56	2°55	27°27	5° 3	1°29	9°10	12°12	2°35	5°11	6°26	16°35	3° 3	W22
T 23	20 39 32	8°48'55	0♌ 0	21°26	4° 5	28° 5	5° 9	1°25	9° 7	12°14	2°35	5° 7	6°22	16°42	3° 2	T 23
F 24	20 43 28	9°46'27	12°22	23° 1	5°16	28°43	5°14	1°20	9° 5	12°16	2°34	5° 4	6°19	16°49	3° 0	F 24
S 25	20 47 25	10°44'00	24°56	24°40	6°27	29°21	5°19	1°16	9° 3	12°18	2°33	5° 3	6°16	16°56	2°59	S 25
S 26	20 51 21	11°41'34	7♍41	26°23	7°38	29°59	5°25	1°12	9° 0	12°20	2°33	5°D 3	6°13	17° 2	2°57	S 26
M27	20 55 18	12°39'09	20°38	28°10	8°49	0♍37	5°31	1° 7	8°58	12°22	2°32	5° 3	6°10	17° 9	2°56	M27
T 28	20 59 14	13°36'45	3♎50	29°59	10° 0	1°15	5°37	1° 3	8°55	12°24	2°31	5° 4	6° 6	17°16	2°54	T 28
W29	21 3 11	14°34'23	17°15	1♏52	11°11	1°53	5°43	0°59	8°53	12°26	2°31	5° 6	6° 3	17°23	2°53	W29
T 30	21 7 8	15°32'01	0♏55	3°46	12°23	2°31	5°50	0°55	8°51	12°28	2°30	5° 7	6° 0	17°29	2°51	T 30
F 31	21 11 4	16♏29'40	14♏50	5♌43	13♋34	3♍ 9	5♏56	0♒50	8♒48	12♋29	2♈29	5°R 7	5♓57	17♊36	2♈49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n19	5s 8	2s38	18n23	4s47	19n47	2s 1	17n44	1n12	11s46	1n 7	20s 4	0s33	18s27	0s41	22n14	0s46	14s20	16s50	9s19	8s46	27n38	4n 9	3n 5
T 2	22 11	11 19	3 36	18 29	4 43	19 59	1 59	17 32	1 11	11 47	1 7	20 5	0 33	18 27	0 41	22 14	0 46	14 20	16 50	9 19	8 47	27 39	4 9	3 5
F 3	22 3	17 6	4 23	18 36	4 37	20 11	1 57	17 21	1 11	11 48	1 7	20 6	0 33	18 28	0 41	22 14	0 46	14 21	16 51	9 19	8 48	27 40	4 9	3 5
S 4	21 54	22 7	4 55	18 44	4 30	20 23	1 54	17 9	1 11	11 49	1 6	20 7	0 34	18 28	0 41	22 14	0 46	14 21	16 51	9 20	8 49	27 40	4 9	3 5
S 5	21 45	25 54	5 8	18 53	4 21	20 34	1 52	16 58	1 11	11 50	1 6	20 8	0 34	18 29	0 41	22 14	0 46	14 21	16 52	9 22	8 50	27 41	4 9	3 5
M 6	21 36	27 58	5 1	19 3	4 11	20 45	1 50	16 46	1 10	11 51	1 6	20 10	0 34	18 30	0 41	22 13	0 46	14 22	16 52	9 24	8 52	27 42	4 9	3 5
T 7	21 27	28 2	4 34	19 14	4 1	20 55	1 47	16 34	1 10	11 52	1 6	20 11	0 34	18 30	0 41	22 13	0 46	14 22	16 52	9 26	8 53	27 42	4 9	3 6
W 8	21 17	26 2	3 48	19 26	3 49	21 5	1 44	16 22	1 10	11 54	1 5	20 12	0 34	18 31	0 41	22 13	0 46	14 23	16 53	9 28	8 54	27 43	4 8	3 6
T 9	21 6	22 15	2 47	19 37	3 36	21 14	1 42	16 10	1 10	11 55	1 5	20 13	0 34	18 32	0 41	22 13	0 46	14 23	16 53	9 30	8 55	27 44	4 8	3 6
F 10	20 56	17 10	1 36	19 49	3 23	21 23	1 39	15 58	1 9	11 56	1 5	20 14	0 34	18 32	0 41	22 13	0 46	14 24	16 53	9 31	8 56	27 44	4 8	3 6
S 11	20 45	11 16	0 21	20 2	3 9	21 31	1 36	15 46	1 9	11 58	1 5	20 15	0 34	18 33	0 41	22 13	0 46	14 24	16 54	9 32	8 58	27 45	4 8	3 6
S 12	20 33	5 0	0n53	20 14	2 55	21 39	1 34	15 34	1 9	11 59	1 4	20 16	0 34	18 33	0 41	22 12	0 46	14 25	16 54	9 31	8 59	27 46	4 8	3 6
M13	20 21	1n17	2 2	20 26	2 40	21 46	1 31	15 21	1 8	12 0	1 4	20 17	0 34	18 34	0 41	22 12	0 46	14 25	16 54	9 31	9 0	27 46	4 7	3 6
T 14	20 9	7 19	3 3	20 38	2 25	21 52	1 28	15 9	1 8	12 2	1 4	20 18	0 35	18 35	0 41	22 12	0 46	14 25	16 55	9 30	9 1	27 47	4 7	3 6
W15	19 57	12 54	3 53	20 49	2 10	21 58	1 25	14 56	1 8	12 4	1 3	20 19	0 35	18 35	0 41	22 12	0 46	14 26	16 55	9 30	9 2	27 47	4 7	3 6
T 16	19 44	17 51	4 32	20 59	1 55	22 4	1 22	14 43	1 8	12 5	1 3	20 20	0 35	18 36	0 41	22 12	0 46	14 26	16 55	9 30	9 3	27 48	4 7	3 6
F 17	19 31	22 2	4 58	21 9	1 39	22 8	1 19	14 31	1 7	12 7	1 3	20 22	0 35	18 37	0 41	22 11	0 46	14 27	16 56	9 30	9 5	27 49	4 6	3 6
S 18	19 18	25 16	5 11	21 17	1 24	22 13	1 16	14 18	1 7	12 9	1 3	20 23	0 35	18 37	0 41	22 11	0 46	14 27	16 56	9 31	9 6	27 49	4 6	3 7
S 19	19 4	27 23	5 10	21 24	1 9	22 16	1 13	14 5	1 7	12 10	1 2	20 24	0 35	18 38	0 41	22 11	0 46	14 28	16 56	9 33	9 7	27 50	4 6	3 7
M20	18 50	28 17	4 56	21 30	0 54	22 19	1 10	13 51	1 6	12 12	1 2	20 25	0 35	18 39	0 41	22 11	0 46	14 28	16 57	9 34	9 8	27 50	4 5	3 7
T 21	18 36	27 51	4 29	21 34	0 39	22 22	1 7	13 38	1 6	12 14	1 2	20 26	0 35	18 39	0 41	22 11	0 46	14 29	16 57	9 36	9 9	27 51	4 5	3 7
W22	18 21	26 7	3 50	21 36	0 25	22 23	1 4	13 25	1 6	12 16	1 2	20 27	0 35	18 40	0 41	22 10	0 46	14 29	16 57	9 38	9 11	27 51	4 4	3 7
T 23	18 6	23 8	3 0	21 36	0 12	22 25	1 1	13 12	1 6	12 18	1 1	20 28	0 35	18 41	0 41	22 10	0 46	14 30	16 58	9 39	9 12	27 52	4 4	3 7
F 24	17 51	19 4	2 1	21 33	0n 2	22 25	0 58	12 58	1 5	12 20	1 1	20 29	0 35	18 41	0 41	22 10	0 46	14 30	16 58	9 40	9 13	27 53	4 3	3 7
S 25	17 35	14 7	0 55	21 28	0 14	22 25	0 55	12 44	1 5	12 22	1 1	20 30	0 35	18 42	0 41	22 10	0 46	14 31	16 58	9 41	9 14	27 53	4 3	3 7
S 26	17 19	8 29	0s14	21 21	0 26	22 25	0 52	12 31	1 5	12 24	1 1	20 31	0 36	18 42	0 41	22 10	0 46	14 32	16 58	9 41	9 15	27 54	4 2	3 7
M27	17 3	2 25	1 25	21 11	0 37	22 23	0 49	12 17	1 4	12 27	1 0	20 32	0 36	18 43	0 41	22 10	0 46	14 32	16 59	9 41	9 16	27 54	4 2	3 7
T 28	16 47	3s51	2 32	20 59	0 48	22 21	0 46	12 3	1 4	12 29	1 0	20 33	0 36	18 44	0 41	22 9	0 46	14 33	16 59	9 40	9 18	27 55	4 1	3 7
W29	16 30	10 3	3 32	20 43	0 57	22 19	0 43	11 49	1 4	12 31	1 0	20 34	0 36	18 44	0 41	22 9	0 46	14 33	16 59	9 40	9 19	27 55	4 1	3 7
T 30	16 13	15 54	4 21	20 25	1 6	22 16	0 40	11 35	1 3	12 33	1 0	20 35	0 36	18 45	0 41	22 9	0 46	14 34	17 0	9 39	9 20	27 56	4 0	3 7
F 31	15n56	21s 2	4s56	20n 5	1n14	22n12	0s36	11n21	1n 3	12s36	1n 0	20s36	0s36	18s46	0s41	22n 9	0s46	14s34	17s 0	9s39	9s21	27n56	3n59	3n 8

Julian Day Number = 2297968.5, Delta T = 120.89 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'20, Lahiri = 17°59'21 Julian Calendar 1 July 1579 == Greg. Calendar 11 July 1579

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1579
geocentric

AUGUST 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 15 1	17♌27'20	29♏ 0	7♌41	14♋45	3♍47	6♏ 3	0°R46	8°R46	12♋31	2°R28	5°R 7	5♓54	17♊43	2°R48	S 1
S 2	21 18 57	18°25'01	13♐22	9°41	15°57	4°25	6° 9	0♒42	8♒44	12°33	2♈28	5♓ 6	5°51	17°49	2♈46	S 2
M 3	21 22 54	19°22'44	27°53	11°41	17° 8	5° 3	6°16	0°38	8°41	12°35	2°27	5° 4	5°47	17°56	2°44	M 3
T 4	21 26 50	20°20'27	12♑29	13°42	18°20	5°41	6°23	0°34	8°39	12°37	2°26	5° 3	5°44	18° 3	2°42	T 4
W 5	21 30 47	21°18'12	27° 4	15°43	19°32	6°19	6°30	0°30	8°37	12°39	2°25	5° 1	5°41	18°10	2°40	W 5
T 6	21 34 43	22°15'58	11♒31	17°44	20°43	6°58	6°38	0°26	8°34	12°41	2°24	5° 0	5°38	18°16	2°38	T 6
F 7	21 38 40	23°13'45	25°45	19°45	21°55	7°36	6°45	0°22	8°32	12°42	2°23	4°59	5°35	18°23	2°36	F 7
S 8	21 42 37	24°11'34	9♓41	21°45	23° 7	8°14	6°53	0°18	8°30	12°44	2°23	4°D59	5°32	18°30	2°34	S 8
S 9	21 46 33	25° 9'24	23°17	23°45	24°19	8°52	7° 0	0°14	8°27	12°46	2°22	4°59	5°28	18°36	2°32	S 9
M10	21 50 30	26° 7'16	6♈30	25°43	25°31	9°30	7° 8	0°10	8°25	12°48	2°21	5° 0	5°25	18°43	2°30	M10
T 11	21 54 26	27° 5'10	19°22	27°41	26°43	10° 9	7°16	0° 7	8°23	12°49	2°20	5° 1	5°22	18°50	2°28	T 11
W12	21 58 23	28° 3'05	1♉54	29°38	27°55	10°47	7°24	0° 3	8°21	12°51	2°19	5° 1	5°19	18°57	2°26	W12
T 13	22 2 19	29° 1'02	14°10	1♍34	29° 7	11°25	7°32	29♑59	8°19	12°53	2°18	5° 2	5°16	19° 3	2°24	T 13
F 14	22 6 16	29°59'02	26°14	3°29	0♌20	12° 4	7°40	29°56	8°16	12°54	2°17	5°R 2	5°12	19°10	2°21	F 14
S 15	22 10 12	0♍57'03	8♊10	5°22	1°32	12°42	7°49	29°52	8°14	12°56	2°16	5° 2	5° 9	19°17	2°19	S 15
S 16	22 14 9	1°55'06	20° 3	7°15	2°45	13°20	7°57	29°49	8°12	12°58	2°15	5° 2	5° 6	19°23	2°17	S 16
M17	22 18 6	2°53'11	1♋57	9° 6	3°57	13°59	8° 6	29°46	8°10	12°59	2°14	5° 2	5° 3	19°30	2°14	M17
T 18	22 22 2	3°51'18	13°57	10°56	5°10	14°37	8°15	29°42	8° 8	13° 1	2°13	5° 2	5° 0	19°37	2°12	T 18
W19	22 25 59	4°49'26	26° 5	12°45	6°22	15°16	8°23	29°39	8° 6	13° 2	2°12	5°D 1	4°57	19°44	2°10	W19
T 20	22 29 55	5°47'37	8♌26	14°32	7°35	15°54	8°32	29°36	8° 4	13° 4	2°11	5° 1	4°53	19°50	2° 7	T 20
F 21	22 33 52	6°45'49	21° 1	16°18	8°48	16°33	8°42	29°33	8° 2	13° 5	2°10	5° 2	4°50	19°57	2° 5	F 21
S 22	22 37 48	7°44'04	3♍52	18° 3	10° 1	17°12	8°51	29°30	8° 0	13° 7	2° 9	5°R 2	4°47	20° 4	2° 2	S 22
S 23	22 41 45	8°42'20	16°58	19°47	11°13	17°50	9° 0	29°27	7°58	13° 8	2° 8	5° 2	4°44	20°11	2° 0	S 23
M24	22 45 41	9°40'37	0♎20	21°30	12°26	18°29	9° 9	29°24	7°56	13°10	2° 7	5° 1	4°41	20°17	1°57	M24
T 25	22 49 38	10°38'57	13°56	23°12	13°39	19° 7	9°19	29°21	7°54	13°11	2° 6	5° 1	4°37	20°24	1°55	T 25
W26	22 53 35	11°37'18	27°44	24°52	14°52	19°46	9°29	29°18	7°52	13°12	2° 5	5° 0	4°34	20°31	1°52	W26
T 27	22 57 31	12°35'41	11♏42	26°31	16° 6	20°25	9°38	29°16	7°50	13°14	2° 3	4°59	4°31	20°37	1°49	T 27
F 28	23 1 28	13°34'05	25°47	28°10	17°19	21° 4	9°48	29°13	7°48	13°15	2° 2	4°59	4°28	20°44	1°47	F 28
S 29	23 5 24	14°32'31	9♐58	29°47	18°32	21°42	9°58	29°11	7°47	13°16	2° 1	4°D58	4°25	20°51	1°44	S 29
S 30	23 9 21	15°30'59	24°11	1♎23	19°45	22°21	10° 8	29° 8	7°45	13°18	2° 0	4°58	4°22	20°58	1°41	S 30
M31	23 13 17	16♍29'28	8♑25	2♎58	20♌59	23♍ 0	10♏18	29♑ 6	7♒43	13♋19	1♈59	4♓59	4♓18	21♊ 4	1♈39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n38	25s 5	5s14	19n41	1n21	22n 8	0s33	11n 7	1n 3	12s38	0n59	20s37	0s36	18s46	0s41	22n 9	0s46	14s35	17s 0	9s39	9s22	27n56	3n59	3n 8
S 2	15 21	27 37	5 12	19 16	1 27	22 2	0 30	10 53	1 3	12 41	0 59	20 38	0 36	18 47	0 41	22 8	0 46	14 35	17 0	9 40	9 23	27 57	3 58	3 8
M 3	15 3	28 20	4 51	18 48	1 32	21 57	0 27	10 39	1 2	12 43	0 59	20 39	0 36	18 47	0 41	22 8	0 46	14 36	17 1	9 40	9 25	27 57	3 57	3 8
T 4	14 44	27 4	4 11	18 17	1 36	21 51	0 24	10 24	1 2	12 46	0 59	20 40	0 36	18 48	0 41	22 8	0 46	14 37	17 1	9 41	9 26	27 58	3 57	3 8
W 5	14 26	23 58	3 14	17 45	1 40	21 44	0 21	10 10	1 2	12 48	0 58	20 41	0 36	18 49	0 41	22 8	0 46	14 37	17 1	9 42	9 27	27 58	3 56	3 8
T 6	14 7	19 23	2 6	17 11	1 43	21 36	0 18	9 55	1 1	12 51	0 58	20 42	0 36	18 49	0 41	22 8	0 46	14 38	17 2	9 42	9 28	27 59	3 55	3 8
F 7	13 48	13 46	0 51	16 35	1 45	21 28	0 15	9 41	1 1	12 53	0 58	20 43	0 36	18 50	0 41	22 8	0 46	14 38	17 2	9 42	9 29	27 59	3 55	3 8
S 8	13 29	7 33	0n26	15 57	1 46	21 19	0 12	9 26	1 1	12 56	0 58	20 44	0 36	18 50	0 41	22 7	0 46	14 39	17 2	9 42	9 30	28 0	3 54	3 8
S 9	13 10	1 9	1 40	15 18	1 46	21 10	0 9	9 12	1 0	12 59	0 57	20 44	0 36	18 51	0 41	22 7	0 46	14 39	17 2	9 42	9 32	28 0	3 53	3 8
M10	12 50	5n 7	2 46	14 38	1 46	21 0	0 6	8 57	1 0	13 1	0 57	20 45	0 36	18 52	0 41	22 7	0 46	14 40	17 2	9 42	9 33	28 0	3 52	3 8
T 11	12 31	11 1	3 42	13 57	1 45	20 49	0 2	8 42	1 0	13 4	0 57	20 46	0 37	18 52	0 41	22 7	0 46	14 40	17 3	9 42	9 34	28 1	3 51	3 8
W12	12 11	16 18	4 25	13 15	1 44	20 38	0n 1	8 27	0 59	13 7	0 57	20 47	0 37	18 53	0 41	22 7	0 46	14 41	17 3	9 41	9 35	28 1	3 51	3 8
T 13	11 51	20 50	4 56	12 31	1 42	20 26	0 3	8 12	0 59	13 10	0 57	20 48	0 37	18 53	0 41	22 7	0 46	14 42	17 3	9 41	9 36	28 1	3 50	3 8
F 14	11 30	24 25	5 13	11 48	1 39	20 14	0 6	7 57	0 59	13 13	0 56	20 49	0 37	18 54	0 41	22 6	0 46	14 42	17 3	9 41	9 37	28 2	3 49	3 8
S 15	11 10	26 55	5 16	11 3	1 36	20 1	0 9	7 42	0 58	13 16	0 56	20 49	0 37	18 54	0 41	22 6	0 46	14 43	17 4	9 41	9 39	28 2	3 48	3 8
S 16	10 49	28 12	5 6	10 18	1 32	19 47	0 12	7 27	0 58	13 19	0 56	20 50	0 37	18 55	0 41	22 6	0 46	14 43	17 4	9 41	9 40	28 3	3 47	3 8
M17	10 28	28 11	4 43	9 33	1 29	19 33	0 15	7 12	0 58	13 22	0 56	20 51	0 37	18 56	0 41	22 6	0 46	14 44	17 4	9 41	9 41	28 3	3 46	3 8
T 18	10 7	26 51	4 7	8 47	1 24	19 19	0 18	6 57	0 57	13 25	0 56	20 52	0 37	18 56	0 41	22 6	0 46	14 44	17 4	9 41	9 42	28 3	3 45	3 8
W19	9 46	24 15	3 19	8 1	1 19	19 4	0 21	6 42	0 57	13 28	0 55	20 52	0 37	18 57	0 41	22 6	0 46	14 45	17 4	9 41	9 43	28 3	3 44	3 8
T 20	9 25	20 29	2 22	7 15	1 14	18 48	0 23	6 26	0 57	13 31	0 55	20 53	0 37	18 57	0 41	22 5	0 46	14 46	17 5	9 41	9 44	28 4	3 43	3 8
F 21	9 3	15 44	1 17	6 29	1 9	18 31	0 26	6 11	0 56	13 34	0 55	20 54	0 37	18 58	0 41	22 5	0 46	14 46	17 5	9 41	9 46	28 4	3 42	3 8
S 22	8 41	10 13	0 6	5 42	1 3	18 15	0 29	5 56	0 56	13 37	0 55	20 55	0 37	18 58	0 41	22 5	0 46	14 47	17 5	9 41	9 47	28 4	3 41	3 8
S 23	8 20	4 9	1s 6	4 56	0 58	17 57	0 31	5 40	0 55	13 40	0 55	20 55	0 37	18 59	0 41	22 5	0 46	14 47	17 5	9 41	9 48	28 5	3 40	3 8
M24	7 58	2s12	2 16	4 10	0 51	17 39	0 34	5 25	0 55	13 43	0 54	20 56	0 37	18 59	0 41	22 5	0 46	14 48	17 5	9 42	9 49	28 5	3 39	3 8
T 25	7 35	8 34	3 19	3 24	0 45	17 21	0 37	5 9	0 55	13 47	0 54	20 56	0 37	19 0	0 41	22 5	0 46	14 48	17 5	9 42	9 50	28 5	3 38	3 8
W26	7 13	14 36	4 12	2 38	0 38	17 2	0 39	4 54	0 54	13 50	0 54	20 57	0 37	19 0	0 41	22 4	0 46	14 49	17 5	9 42	9 51	28 5	3 37	3 8
T 27	6 51	19 59	4 51	1 52	0 32	16 43	0 42	4 38	0 54	13 53	0 54	20 58	0 37	19 1	0 41	22 4	0 46	14 50	17 6	9 42	9 53	28 6	3 36	3 8
F 28	6 29	24 18	5 12	1 7	0 25	16 23	0 44	4 22	0 54	13 56	0 54	20 58	0 37	19 1	0 41	22 4	0 46	14 50	17 6	9 43	9 54	28 6	3 35	3 8
S 29	6 6	27 11	5 15	0 22	0 18	16 3	0 46	4 7	0 53	14 0	0 53	20 59	0 37	19 1	0 41	22 4	0 46	14 51	17 6	9 43	9 55	28 6	3 34	3 8
S 30	5 43	28 21	4 59	0s23	0 11	15 42	0 49	3 51	0 53	14 3	0 53	20 59	0 37	19 2	0 41	22 4	0 46	14 51	17 6	9 43	9 56	28 6	3 33	3 8
M31	5n21	27s37	4s24	1s 8	0n 3	15n21	0n51	3n35	0n53	14s 6	0n53	21s 0	0s37	19s 2	0s41	22n 4	0s46	14s52	17s 6	9s42	9s57	28n 7	3n32	3n 8

Julian Day Number = 2297999.5, Delta T = 120.74 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'24, Lahiri = 17°59'25 Julian Calendar 1 Aug. 1579 == Greg. Calendar 11 Aug. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

SEPTEMBER 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 17 14	17♍27'59	22♉37	4♎32	22♌12	23♍39	10♏28	29°R 4	7°R42	13♋20	1°R58	5♓ 0	4♓15	21♊11	1°R36	T 1
W 2	23 21 10	18°26'32	6♒44	6° 4	23°25	24°18	10°39	29♉ 2	7♒40	13°21	1♈57	5° 1	4°12	21°18	1♈33	W 2
T 3	23 25 7	19°25'06	20°43	7°36	24°39	24°56	10°49	29° 0	7°38	13°22	1°56	5° 2	4° 9	21°24	1°31	T 3
F 4	23 29 4	20°23'42	4♓32	9° 7	25°52	25°35	11° 0	28°58	7°37	13°23	1°54	5°R 2	4° 6	21°31	1°28	F 4
S 5	23 33 0	21°22'20	18° 7	10°36	27° 6	26°14	11°10	28°56	7°35	13°25	1°53	5° 2	4° 3	21°38	1°25	S 5
S 6	23 36 57	22°21'00	1♈27	12° 5	28°20	26°53	11°21	28°54	7°34	13°26	1°52	5° 0	3°59	21°45	1°22	S 6
M 7	23 40 53	23°19'41	14°31	13°33	29°33	27°32	11°31	28°52	7°32	13°27	1°51	4°58	3°56	21°51	1°20	M 7
T 8	23 44 50	24°18'25	27°17	14°59	0♍47	28°11	11°42	28°51	7°31	13°28	1°50	4°55	3°53	21°58	1°17	T 8
W 9	23 48 46	25°17'11	9♉48	16°25	2° 1	28°50	11°53	28°49	7°30	13°29	1°49	4°52	3°50	22° 5	1°14	W 9
T 10	23 52 43	26°16'00	22° 3	17°49	3°15	29°30	12° 4	28°48	7°28	13°29	1°47	4°49	3°47	22°11	1°11	T 10
F 11	23 56 39	27°14'50	4♊ 7	19°12	4°29	0♎ 9	12°15	28°47	7°27	13°30	1°46	4°47	3°43	22°18	1° 8	F 11
S 12	0 0 36	28°13'43	16° 3	20°34	5°43	0°48	12°26	28°45	7°26	13°31	1°45	4°45	3°40	22°25	1° 6	S 12
S 13	0 4 32	29°12'39	27°56	21°55	6°57	1°27	12°38	28°44	7°24	13°32	1°44	4°D44	3°37	22°32	1° 3	S 13
M14	0 8 29	0♎11'36	9♋49	23°15	8°11	2° 6	12°49	28°43	7°23	13°33	1°43	4°45	3°34	22°38	1° 0	M14
T 15	0 12 26	1°10'36	21°49	24°33	9°25	2°46	13° 0	28°42	7°22	13°34	1°42	4°46	3°31	22°45	0°57	T 15
W16	0 16 22	2° 9'38	3♌59	25°50	10°39	3°25	13°12	28°42	7°21	13°34	1°40	4°48	3°28	22°52	0°54	W16
T 17	0 20 19	3° 8'42	16°24	27° 6	11°53	4° 4	13°23	28°41	7°20	13°35	1°39	4°49	3°24	22°58	0°51	T 17
F 18	0 24 15	4° 7'49	29° 7	28°20	13° 8	4°44	13°35	28°40	7°19	13°36	1°38	4°R50	3°21	23° 5	0°49	F 18
S 19	0 28 12	5° 6'58	12♍11	29°33	14°22	5°23	13°46	28°40	7°18	13°36	1°37	4°50	3°18	23°12	0°46	S 19
S 20	0 32 8	6° 6'08	25°37	0♏43	15°36	6° 2	13°58	28°39	7°17	13°37	1°36	4°49	3°15	23°19	0°43	S 20
M21	0 36 5	7° 5'21	9♎23	1°53	16°51	6°42	14°10	28°39	7°16	13°38	1°34	4°46	3°12	23°25	0°40	M21
T 22	0 40 1	8° 4'36	23°26	3° 0	18° 5	7°21	14°22	28°39	7°16	13°38	1°33	4°41	3° 9	23°32	0°37	T 22
W23	0 43 58	9° 3'54	7♏43	4° 5	19°19	8° 1	14°34	28°38	7°15	13°39	1°32	4°36	3° 5	23°39	0°35	W23
T 24	0 47 55	10° 3'13	22° 8	5° 7	20°34	8°40	14°46	28°D38	7°14	13°39	1°31	4°31	3° 2	23°45	0°32	T 24
F 25	0 51 51	11° 2'34	6♐34	6° 8	21°48	9°20	14°58	28°39	7°14	13°40	1°30	4°26	2°59	23°52	0°29	F 25
S 26	0 55 48	12° 1'57	20°58	7° 5	23° 3	10° 0	15°10	28°39	7°13	13°40	1°29	4°22	2°56	23°59	0°26	S 26
S 27	0 59 44	13° 1'21	5♑14	8° 0	24°18	10°39	15°22	28°39	7°12	13°40	1°27	4°21	2°53	24° 6	0°24	S 27
M28	1 3 41	14° 0'48	19°22	8°51	25°32	11°19	15°34	28°39	7°12	13°41	1°26	4°D21	2°49	24°12	0°21	M28
T 29	1 7 37	15° 0'16	3♒18	9°39	26°47	11°59	15°46	28°40	7°11	13°41	1°25	4°22	2°46	24°19	0°18	T 29
W30	1 11 34	15♎59'45	17♒ 3	10♏23	28♍ 1	12♎38	15♏59	28♉40	7♒11	13♋41	1♈24	4♓23	2♓43	24♊26	0♈16	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n58	25s 6	3s33	1s52	0s 4	14n59	0n53	3n20	0n52	14s10	0n53	21s 0	0s37	19s 3	0s41	22n 4	0s46	14s52	17s 6	9s42	9s58	28n 7	3n31	3n 8
W 2	4 35	21 3	2 30	2 36	0 12	14 37	0 55	3 4	0 52	14 13	0 53	21 1	0 38	19 3	0 41	22 4	0 46	14 53	17 6	9 42	10 0	28 7	3 30	3 8
T 3	4 12	15 51	1 18	3 19	0 19	14 14	0 57	2 48	0 51	14 16	0 53	21 1	0 38	19 4	0 41	22 3	0 46	14 53	17 6	9 41	10 1	28 7	3 29	3 8
F 4	3 49	9 55	0 3	4 2	0 27	13 51	0 59	2 32	0 51	14 20	0 52	21 2	0 38	19 4	0 41	22 3	0 46	14 54	17 6	9 41	10 2	28 7	3 27	3 8
S 5	3 26	3 37	1n12	4 44	0 34	13 28	1 1	2 16	0 51	14 23	0 52	21 2	0 38	19 4	0 41	22 3	0 46	14 54	17 7	9 41	10 3	28 8	3 26	3 8
S 6	3 3	2n44	2 21	5 26	0 42	13 4	1 3	2 1	0 50	14 27	0 52	21 3	0 38	19 5	0 41	22 3	0 46	14 55	17 7	9 42	10 4	28 8	3 25	3 8
M 7	2 39	8 49	3 21	6 7	0 50	12 40	1 5	1 45	0 50	14 30	0 52	21 3	0 38	19 5	0 41	22 3	0 46	14 55	17 7	9 43	10 5	28 8	3 24	3 8
T 8	2 16	14 24	4 9	6 48	0 57	12 16	1 7	1 29	0 49	14 34	0 52	21 3	0 38	19 5	0 41	22 3	0 46	14 56	17 7	9 44	10 6	28 8	3 23	3 8
W 9	1 53	19 17	4 45	7 28	1 5	11 51	1 9	1 13	0 49	14 37	0 52	21 4	0 38	19 6	0 41	22 3	0 46	14 56	17 7	9 45	10 8	28 8	3 22	3 8
T 10	1 29	23 15	5 6	8 7	1 12	11 26	1 10	0 57	0 49	14 41	0 51	21 4	0 38	19 6	0 41	22 3	0 46	14 57	17 7	9 46	10 9	28 8	3 21	3 8
F 11	1 6	26 10	5 14	8 46	1 20	11 0	1 12	0 41	0 48	14 44	0 51	21 4	0 38	19 6	0 40	22 2	0 46	14 57	17 7	9 47	10 10	28 9	3 19	3 8
S 12	0 42	27 52	5 8	9 24	1 28	10 35	1 14	0 25	0 48	14 48	0 51	21 4	0 38	19 7	0 40	22 2	0 46	14 58	17 7	9 48	10 11	28 9	3 18	3 8
S 13	0 19	28 18	4 49	10 2	1 35	10 9	1 15	0 9	0 47	14 51	0 51	21 5	0 38	19 7	0 40	22 2	0 46	14 58	17 7	9 48	10 12	28 9	3 17	3 8
M14	0s 5	27 25	4 17	10 38	1 42	9 42	1 17	0s 7	0 47	14 55	0 51	21 5	0 38	19 7	0 40	22 2	0 46	14 59	17 7	9 48	10 13	28 9	3 16	3 7
T 15	0 28	25 15	3 34	11 14	1 50	9 16	1 18	0 23	0 47	14 58	0 51	21 5	0 38	19 7	0 40	22 2	0 46	14 59	17 7	9 47	10 15	28 9	3 15	3 7
W16	0 52	21 55	2 41	11 49	1 57	8 49	1 19	0 39	0 46	15 2	0 50	21 5	0 38	19 8	0 40	22 2	0 46	15 0	17 7	9 47	10 16	28 9	3 13	3 7
T 17	1 15	17 32	1 39	12 23	2 4	8 21	1 20	0 55	0 46	15 6	0 50	21 6	0 38	19 8	0 40	22 2	0 46	15 0	17 7	9 46	10 17	28 9	3 12	3 7
F 18	1 39	12 18	0 31	12 56	2 10	7 54	1 22	1 11	0 45	15 9	0 50	21 6	0 38	19 8	0 40	22 2	0 46	15 1	17 7	9 46	10 18	28 9	3 11	3 7
S 19	2 2	6 23	0s40	13 28	2 17	7 26	1 23	1 27	0 45	15 13	0 50	21 6	0 38	19 8	0 40	22 2	0 46	15 1	17 7	9 46	10 19	28 9	3 10	3 7
S 20	2 26	0 3	1 51	14 0	2 24	6 58	1 24	1 43	0 45	15 17	0 50	21 6	0 38	19 9	0 40	22 2	0 46	15 2	17 7	9 46	10 20	28 9	3 9	3 7
M21	2 49	6s26	2 57	14 30	2 30	6 30	1 25	1 59	0 44	15 20	0 50	21 6	0 38	19 9	0 40	22 2	0 46	15 2	17 7	9 47	10 21	28 9	3 7	3 7
T 22	3 13	12 45	3 54	14 59	2 36	6 2	1 25	2 15	0 44	15 24	0 50	21 6	0 38	19 9	0 40	22 2	0 46	15 3	17 7	9 49	10 23	28 9	3 6	3 7
W23	3 36	18 29	4 37	15 26	2 41	5 34	1 26	2 31	0 43	15 27	0 49	21 6	0 38	19 9	0 40	22 1	0 47	15 3	17 7	9 51	10 24	28 9	3 5	3 7
T 24	3 59	23 13	5 3	15 53	2 47	5 5	1 27	2 47	0 43	15 31	0 49	21 6	0 38	19 9	0 40	22 1	0 47	15 3	17 7	9 53	10 25	28 9	3 4	3 7
F 25	4 23	26 33	5 10	16 18	2 52	4 36	1 28	3 3	0 42	15 35	0 49	21 6	0 38	19 9	0 40	22 1	0 47	15 4	17 7	9 55	10 26	28 9	3 3	3 6
S 26	4 46	28 8	4 58	16 41	2 56	4 7	1 28	3 19	0 42	15 38	0 49	21 6	0 38	19 10	0 40	22 1	0 47	15 4	17 7	9 56	10 27	28 9	3 1	3 6
S 27	5 9	27 50	4 27	17 3	3 1	3 38	1 29	3 35	0 42	15 42	0 49	21 6	0 38	19 10	0 40	22 1	0 47	15 5	17 7	9 56	10 28	28 9	3 0	3 6
M28	5 32	25 43	3 40	17 23	3 4	3 9	1 29	3 51	0 41	15 46	0 49	21 6	0 38	19 10	0 40	22 1	0 47	15 5	17 7	9 56	10 29	28 9	2 59	3 6
T 29	5 55	22 4	2 41	17 42	3 7	2 39	1 30	4 7	0 41	15 49	0 49	21 6	0 38	19 10	0 40	22 1	0 47	15 5	17 6	9 56	10 31	28 9	2 58	3 6
W30	6s18	17s14	1s33	17s58	3s10	2n10	1n30	4s23	0n40	15s53	0n49	21s 6	0s38	19s10	0s40	22n 1	0s47	15s 6	17s 6	9s56	10s32	28n 9	2n57	3n 6

Julian Day Number = 2298030.5, Delta T = 120.59 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'29, Lahiri = 17°59'29 Julian Calendar 1 Sept. 1579 == Greg. Calendar 11 Sept. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

OCTOBER 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 15 30	16♎59'17	0♓37	11♏ 3	29♍16	13♎18	16♏11	28♑41	7°R11	13♋42	1°R23	4°R24	2♓40	24♊32	0°R13	T 1
F 2	1 19 27	17°58'50	13°59	11°38	0♎31	13°58	16°23	28°42	7♒10	13°42	1♈22	4♓24	2°37	24°39	0♈10	F 2
S 3	1 23 24	18°58'25	27°10	12° 7	1°46	14°38	16°36	28°43	7°10	13°42	1°21	4°21	2°34	24°46	0° 8	S 3
S 4	1 27 20	19°58'02	10♈10	12°31	3° 1	15°18	16°48	28°44	7°10	13°42	1°20	4°17	2°30	24°53	0° 5	S 4
M 5	1 31 17	20°57'41	22°57	12°49	4°15	15°58	17° 1	28°45	7°10	13°42	1°18	4°10	2°27	24°59	0° 2	M 5
T 6	1 35 13	21°57'22	5♉32	13° 0	5°30	16°38	17°14	28°46	7°10	13°42	1°17	4° 2	2°24	25° 6	29♓59	T 6
W 7	1 39 10	22°57'06	17°54	13°R 4	6°45	17°18	17°26	28°47	7° 9	13°42	1°16	3°52	2°21	25°13	29°57	W 7
T 8	1 43 6	23°56'51	0♊ 5	13° 0	8° 0	17°58	17°39	28°49	7°D 9	13°R42	1°15	3°43	2°18	25°19	29°55	T 8
F 9	1 47 3	24°56'39	12° 7	12°47	9°15	18°38	17°52	28°50	7°10	13°42	1°14	3°34	2°14	25°26	29°52	F 9
S 10	1 50 59	25°56'28	24° 1	12°26	10°30	19°18	18° 4	28°52	7°10	13°42	1°13	3°28	2°11	25°33	29°50	S 10
S 11	1 54 56	26°56'20	5♋52	11°55	11°45	19°58	18°17	28°53	7°10	13°42	1°12	3°23	2° 8	25°40	29°47	S 11
M12	1 58 53	27°56'14	17°43	11°15	13° 0	20°38	18°30	28°55	7°10	13°42	1°11	3°20	2° 5	25°46	29°45	M12
T 13	2 2 49	28°56'11	29°40	10°27	14°15	21°18	18°43	28°57	7°10	13°42	1°10	3°D20	2° 2	25°53	29°43	T 13
W14	2 6 46	29°56'09	11♌47	9°30	15°30	21°58	18°56	28°59	7°10	13°42	1° 9	3°20	1°59	26° 0	29°40	W14
T 15	2 10 42	0♏56'10	24°11	8°25	16°45	22°39	19° 9	29° 1	7°11	13°41	1° 8	3°21	1°55	26° 6	29°38	T 15
F 16	2 14 39	1°56'13	6♍54	7°14	18° 0	23°19	19°22	29° 3	7°11	13°41	1° 7	3°R21	1°52	26°13	29°36	F 16
S 17	2 18 35	2°56'17	20° 2	5°58	19°16	23°59	19°35	29° 5	7°12	13°41	1° 6	3°20	1°49	26°20	29°33	S 17
S 18	2 22 32	3°56'24	3♎37	4°41	20°31	24°40	19°48	29° 8	7°12	13°40	1° 5	3°16	1°46	26°27	29°31	S 18
M19	2 26 28	4°56'33	17°39	3°23	21°46	25°20	20° 1	29°10	7°13	13°40	1° 4	3°10	1°43	26°33	29°29	M19
T 20	2 30 25	5°56'44	2♏ 4	2° 7	23° 1	26° 1	20°14	29°13	7°13	13°40	1° 3	3° 1	1°40	26°40	29°27	T 20
W21	2 34 22	6°56'57	16°47	0°57	24°16	26°41	20°27	29°15	7°14	13°39	1° 2	2°51	1°36	26°47	29°25	W21
T 22	2 38 18	7°57'12	1♐40	29♎53	25°32	27°22	20°40	29°18	7°15	13°39	1° 1	2°41	1°33	26°53	29°23	T 22
F 23	2 42 15	8°57'28	16°33	28°58	26°47	28° 2	20°54	29°21	7°15	13°38	1° 0	2°32	1°30	27° 0	29°21	F 23
S 24	2 46 11	9°57'46	1♑19	28°14	28° 2	28°43	21° 7	29°24	7°16	13°38	0°59	2°24	1°27	27° 7	29°19	S 24
S 25	2 50 8	10°58'06	15°51	27°41	29°17	29°24	21°20	29°27	7°17	13°37	0°59	2°19	1°24	27°13	29°17	S 25
M26	2 54 4	11°58'27	0♒ 4	27°19	0♏33	0♏ 4	21°33	29°30	7°18	13°37	0°58	2°17	1°20	27°20	29°15	M26
T 27	2 58 1	12°58'49	13°58	27°D 9	1°48	0°45	21°47	29°33	7°19	13°36	0°57	2°D17	1°17	27°27	29°13	T 27
W28	3 1 57	13°59'13	27°34	27°10	3° 3	1°26	22° 0	29°36	7°20	13°35	0°56	2°R17	1°14	27°34	29°11	W28
T 29	3 5 54	14°59'37	10♓52	27°23	4°19	2° 7	22°13	29°40	7°21	13°35	0°55	2°17	1°11	27°40	29° 9	T 29
F 30	3 9 51	16° 0'04	23°55	27°45	5°34	2°47	22°27	29°43	7°22	13°34	0°54	2°15	1° 8	27°47	29° 8	F 30
S 31	3 13 47	17♏ 0'31	6♈45	28♎16	6♏49	3♏28	22♏40	29♑47	7♒23	13♋33	0♈54	2♓10	1♓ 5	27♊54	29♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	6s41	11s36	0s21	18s13	3s12	1n40	1n30	4s39	0n40	15s57	0n48	21s 6	0s38	19s10	0s40	22n 1	0s47	15s 6	17s 6	9s55		10s33		28n 9		2n55	3n 6
F 2	7 4	5 31	0n52	18 25	3 13	1 11	1 31	4 55	0 39	16 0	0 48	21 6	0 38	19 10	0 40	22 1	0 47	15 6	17 6	9 55		10 34		28 9		2 54	3 6
S 3	7 27	0n42	2 0	18 35	3 13	0 41	1 31	5 11	0 39	16 4	0 48	21 5	0 38	19 10	0 40	22 1	0 47	15 7	17 6	9 56		10 35		28 9		2 53	3 6
S 4	7 49	6 48	3 1	18 41	3 13	0 11	1 31	5 27	0 38	16 8	0 48	21 5	0 38	19 10	0 40	22 1	0 47	15 7	17 6	9 58		10 36		28 9		2 52	3 5
M 5	8 12	12 31	3 51	18 45	3 11	0s19	1 31	5 43	0 38	16 12	0 48	21 5	0 38	19 10	0 40	22 1	0 47	15 7	17 6	10 0		10 38		28 9		2 51	3 5
T 6	8 34	17 38	4 30	18 46	3 9	0 48	1 31	5 58	0 38	16 15	0 48	21 5	0 38	19 10	0 40	22 1	0 47	15 8	17 6	10 3		10 39		28 9		2 50	3 5
W 7	8 57	21 55	4 54	18 44	3 5	1 18	1 30	6 14	0 37	16 19	0 48	21 5	0 38	19 10	0 40	22 1	0 47	15 8	17 6	10 7		10 40		28 9		2 48	3 5
T 8	9 19	25 11	5 5	18 37	2 59	1 48	1 30	6 30	0 37	16 23	0 48	21 4	0 38	19 10	0 40	22 1	0 47	15 8	17 5	10 10		10 41		28 9		2 47	3 5
F 9	9 41	27 18	5 3	18 27	2 52	2 18	1 30	6 46	0 36	16 26	0 47	21 4	0 38	19 10	0 40	22 1	0 47	15 9	17 5	10 13		10 42		28 9		2 46	3 5
S 10	10 3	28 8	4 47	18 12	2 44	2 48	1 29	7 1	0 36	16 30	0 47	21 4	0 38	19 10	0 40	22 1	0 47	15 9	17 5	10 16		10 43		28 9		2 45	3 4
S 11	10 24	27 40	4 19	17 53	2 34	3 17	1 29	7 17	0 35	16 34	0 47	21 3	0 38	19 10	0 40	22 1	0 47	15 9	17 5	10 17		10 44		28 9		2 44	3 4
M12	10 46	25 57	3 39	17 30	2 22	3 47	1 29	7 32	0 35	16 37	0 47	21 3	0 38	19 10	0 40	22 1	0 47	15 10	17 5	10 18		10 45		28 8		2 43	3 4
T 13	11 7	23 3	2 50	17 1	2 9	4 17	1 28	7 48	0 34	16 41	0 47	21 3	0 38	19 10	0 40	22 1	0 47	15 10	17 5	10 19		10 47		28 8		2 42	3 4
W14	11 29	19 6	1 53	16 29	1 53	4 46	1 27	8 3	0 34	16 44	0 47	21 2	0 38	19 10	0 40	22 1	0 47	15 10	17 4	10 18		10 48		28 8		2 41	3 4
T 15	11 50	14 16	0 49	15 52	1 36	5 16	1 27	8 19	0 33	16 48	0 47	21 2	0 38	19 10	0 40	22 1	0 47	15 10	17 4	10 18		10 49		28 8		2 40	3 4
F 16	12 11	8 42	0s19	15 11	1 18	5 45	1 26	8 34	0 33	16 52	0 47	21 1	0 38	19 9	0 40	22 1	0 47	15 10	17 4	10 18		10 50		28 8		2 39	3 4
S 17	12 31	2 36	1 28	14 28	0 58	6 15	1 25	8 50	0 32	16 55	0 47	21 1	0 38	19 9	0 39	22 1	0 47	15 11	17 4	10 18		10 51		28 8		2 38	3 3
S 18	12 52	3s48	2 34	13 42	0 38	6 44	1 24	9 5	0 32	16 59	0 47	21 0	0 38	19 9	0 39	22 1	0 47	15 11	17 4	10 20		10 52		28 7		2 36	3 3
M19	13 12	10 13	3 33	12 57	0 17	7 13	1 23	9 20	0 31	17 3	0 46	21 0	0 38	19 9	0 39	22 1	0 47	15 11	17 4	10 22		10 53		28 7		2 35	3 3
T 20	13 32	16 17	4 20	12 11	0n 3	7 42	1 22	9 35	0 31	17 6	0 46	20 59	0 38	19 9	0 39	22 1	0 47	15 11	17 3	10 25		10 55		28 7		2 34	3 3
W21	13 52	21 32	4 51	11 28	0 23	8 11	1 21	9 51	0 30	17 10	0 46	20 59	0 38	19 9	0 39	22 1	0 47	15 11	17 3	10 29		10 56		28 7		2 33	3 3
T 22	14 12	25 29	5 3	10 48	0 43	8 39	1 20	10 6	0 30	17 13	0 46	20 58	0 38	19 8	0 39	22 1	0 47	15 12	17 3	10 32		10 57		28 7		2 32	3 2
F 23	14 31	27 41	4 54	10 12	1 0	9 7	1 19	10 21	0 29	17 17	0 46	20 58	0 38	19 8	0 39	22 1	0 47	15 12	17 3	10 36		10 58		28 6		2 31	3 2
S 24	14 50	27 55	4 25	9 41	1 17	9 36	1 18	10 36	0 29	17 20	0 46	20 57	0 38	19 8	0 39	22 1	0 47	15 12	17 2	10 39		10 59		28 6		2 31	3 2
S 25	15 9	26 12	3 40	9 15	1 31	10 4	1 16	10 51	0 28	17 24	0 46	20 57	0 38	19 8	0 39	22 1	0 47	15 12	17 2	10 40		11 0		28 6		2 30	3 2
M26	15 28	22 49	2 42	8 56	1 44	10 31	1 15	11 5	0 28	17 28	0 46	20 56	0 38	19 7	0 39	22 1	0 47	15 12	17 2	10 41		11 1		28 6		2 29	3 2
T 27	15 46	18 12	1 36	8 42	1 54	10 59	1 14	11 20	0 27	17 31	0 46	20 55	0 39	19 7	0 39	22 1	0 47	15 12	17 2	10 41		11 3		28 5		2 28	3 1
W28	16 4	12 44	0 25	8 35	2 3	11 26	1 12	11 35	0 27	17 35	0 46	20 55	0 39	19 7	0 39	22 1	0 47	15 12	17 1	10 41		11 4		28 5		2 27	3 1
T 29	16 22	6 49	0n45	8 32	2 10	11 53	1 11	11 49	0 26	17 38	0 46	20 54	0 39	19 6	0 39	22 1	0 47	15 12	17 1	10 41		11 5		28 5		2 26	3 1
F 30	16 40	0 43	1 52	8 35	2 15	12 19	1 9	12 4	0 26	17 42	0 45	20 53	0 39	19 6	0 39	22 1	0 47	15 13	17 1	10 42		11 6		28 5		2 25	3 1
S 31	16s57	5n19	2n52	8s43	2n19	12s46	1n 7	12s18	0n25	17s45	0n45	20s52	0s39	19s 6	0s39	22n 1	0s47	15s13	17s 1	10s44		11s 7		28n 4		2n24	3n 1

Julian Day Number = 2298060.5, Delta T = 120.44 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'33, Lahiri = 17°59'33 Julian Calendar 1 Oct. 1579 == Greg. Calendar 11 Oct. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

NOVEMBER 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 17 44	18♏ 1'00	19♈25	28♎56	8♏ 5	4♏ 9	22♏53	29♉50	7♒25	13°R32	0°R53	2°R 3	1♓ 1	28♊ 0	29°R 4	S 1
M 2	3 21 40	19° 1'31	1♉54	29°43	9°20	4°50	23° 7	29°54	7°26	13♋31	0♈52	1♓52	0°58	28° 7	29♓ 3	M 2
T 3	3 25 37	20° 2'03	14°15	0♏37	10°36	5°31	23°20	29°58	7°27	13°31	0°51	1°40	0°55	28°14	29° 1	T 3
W 4	3 29 33	21° 2'36	26°26	1°37	11°51	6°12	23°33	0♒ 2	7°28	13°30	0°51	1°25	0°52	28°21	29° 0	W 4
T 5	3 33 30	22° 3'12	8♊30	2°41	13° 6	6°53	23°47	0° 6	7°30	13°29	0°50	1°11	0°49	28°27	28°58	T 5
F 6	3 37 26	23° 3'48	20°28	3°50	14°22	7°34	24° 0	0°10	7°31	13°28	0°49	0°58	0°46	28°34	28°57	F 6
S 7	3 41 23	24° 4'27	2♋20	5° 3	15°37	8°15	24°13	0°14	7°33	13°27	0°49	0°46	0°42	28°41	28°56	S 7
S 8	3 45 20	25° 5'07	14° 9	6°19	16°53	8°56	24°27	0°18	7°34	13°26	0°48	0°37	0°39	28°47	28°54	S 8
M 9	3 49 16	26° 5'48	25°59	7°37	18° 8	9°38	24°40	0°22	7°36	13°25	0°48	0°32	0°36	28°54	28°53	M 9
T 10	3 53 13	27° 6'31	7♌53	8°58	19°24	10°19	24°53	0°27	7°38	13°24	0°47	0°29	0°33	29° 1	28°52	T 10
W11	3 57 9	28° 7'16	19°57	10°21	20°39	11° 0	25° 7	0°31	7°39	13°23	0°46	0°27	0°30	29° 8	28°51	W11
T 12	4 1 6	29° 8'02	2♍15	11°46	21°55	11°41	25°20	0°36	7°41	13°22	0°46	0°27	0°26	29°14	28°50	T 12
F 13	4 5 2	0♐ 8'49	14°54	13°11	23°10	12°23	25°34	0°40	7°43	13°21	0°45	0°27	0°23	29°21	28°49	F 13
S 14	4 8 59	1° 9'39	27°57	14°39	24°25	13° 4	25°47	0°45	7°45	13°19	0°45	0°25	0°20	29°28	28°48	S 14
S 15	4 12 55	2°10'29	11♎30	16° 7	25°41	13°46	26° 0	0°50	7°46	13°18	0°44	0°21	0°17	29°34	28°47	S 15
M16	4 16 52	3°11'21	25°32	17°36	26°56	14°27	26°14	0°54	7°48	13°17	0°44	0°14	0°14	29°41	28°46	M16
T 17	4 20 49	4°12'15	10♏ 4	19° 5	28°12	15° 9	26°27	0°59	7°50	13°16	0°44	0° 5	0°11	29°48	28°45	T 17
W18	4 24 45	5°13'10	24°59	20°35	29°28	15°50	26°40	1° 4	7°52	13°15	0°43	29♒53	0° 7	29°54	28°45	W18
T 19	4 28 42	6°14'06	10♐10	22° 6	0♐43	16°32	26°54	1° 9	7°54	13°13	0°43	29°41	0° 4	0♋ 1	28°44	T 19
F 20	4 32 38	7°15'03	25°25	23°37	1°59	17°13	27° 7	1°14	7°56	13°12	0°42	29°30	0° 1	0° 8	28°43	F 20
S 21	4 36 35	8°16'01	10♑33	25° 8	3°14	17°55	27°20	1°20	7°58	13°11	0°42	29°21	29♒58	0°15	28°43	S 21
S 22	4 40 31	9°17'00	25°25	26°40	4°30	18°37	27°33	1°25	8° 1	13° 9	0°42	29°15	29°55	0°21	28°42	S 22
M23	4 44 28	10°17'59	9♒55	28°12	5°45	19°19	27°47	1°30	8° 3	13° 8	0°41	29°12	29°52	0°28	28°42	M23
T 24	4 48 25	11°19'00	23°59	29°44	7° 1	20° 0	28° 0	1°35	8° 5	13° 7	0°41	29°D10	29°48	0°35	28°41	T 24
W25	4 52 21	12°20'00	7♓38	1♐16	8°16	20°42	28°13	1°41	8° 7	13° 5	0°41	29°R10	29°45	0°41	28°41	W25
T 26	4 56 18	13°21'01	20°54	2°49	9°32	21°24	28°26	1°46	8°10	13° 4	0°41	29°10	29°42	0°48	28°41	T 26
F 27	5 0 14	14°22'03	3♈50	4°22	10°47	22° 6	28°40	1°52	8°12	13° 2	0°40	29° 9	29°39	0°55	28°41	F 27
S 28	5 4 11	15°23'05	16°29	5°54	12° 3	22°48	28°53	1°57	8°14	13° 1	0°40	29° 5	29°36	1° 2	28°40	S 28
S 29	5 8 7	16°24'08	28°55	7°27	13°18	23°30	29° 6	2° 3	8°17	13° 0	0°40	28°58	29°32	1° 8	28°40	S 29
M30	5 12 4	17♐25'11	11♑10	9♐ 0	14♐34	24♏12	29♏19	2♒ 9	8♒19	12♋58	0♈40	28♒48	29♒29	1♋15	28°D40	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	11n 2	3n42	8s55	2n21	13s12	1n 6	12s33	0n25	17s48	0n45	20s52	0s39	19s 6	0s39	22n 1	0s47	15s13	17s 0	10s46	11s 8	28n 4	2n23	3n 0
M 2	17 31	16 14	4 20	9 11	2 22	13 38	1 4	12 47	0 24	17 52	0 45	20 51	0 39	19 5	0 39	22 2	0 47	15 13	17 0	10 50	11 9	28 4	2 23	3 0
T 3	17 48	20 42	4 46	9 30	2 22	14 3	1 2	13 1	0 24	17 55	0 45	20 50	0 39	19 5	0 39	22 2	0 47	15 13	17 0	10 55	11 10	28 3	2 22	3 0
W 4	18 4	24 14	4 58	9 51	2 21	14 28	1 0	13 15	0 23	17 59	0 45	20 49	0 39	19 4	0 39	22 2	0 47	15 13	17 0	11 0	11 12	28 3	2 21	3 0
T 5	18 19	26 40	4 57	10 15	2 19	14 53	0 59	13 29	0 23	18 2	0 45	20 48	0 39	19 4	0 39	22 2	0 47	15 13	16 59	11 5	11 13	28 3	2 20	3 0
F 6	18 35	27 51	4 43	10 41	2 16	15 17	0 57	13 43	0 22	18 5	0 45	20 48	0 39	19 4	0 39	22 2	0 47	15 13	16 59	11 10	11 14	28 3	2 19	2 59
S 7	18 50	27 45	4 16	11 9	2 13	15 41	0 55	13 57	0 21	18 9	0 45	20 47	0 39	19 3	0 39	22 2	0 47	15 13	16 59	11 14	11 15	28 2	2 19	2 59
S 8	19 5	26 22	3 38	11 38	2 8	16 4	0 53	14 11	0 21	18 12	0 45	20 46	0 39	19 3	0 39	22 2	0 47	15 13	16 58	11 17	11 16	28 2	2 18	2 59
M 9	19 19	23 48	2 51	12 8	2 4	16 27	0 51	14 25	0 20	18 15	0 45	20 45	0 39	19 2	0 39	22 2	0 47	15 13	16 58	11 19	11 17	28 1	2 17	2 59
T 10	19 34	20 13	1 56	12 39	1 59	16 50	0 49	14 38	0 20	18 19	0 45	20 44	0 39	19 2	0 39	22 2	0 47	15 13	16 58	11 20	11 18	28 1	2 17	2 59
W11	19 47	15 44	0 55	13 10	1 53	17 12	0 47	14 51	0 19	18 22	0 45	20 43	0 39	19 1	0 39	22 2	0 47	15 13	16 57	11 20	11 19	28 1	2 16	2 58
T 12	20 1	10 33	0s10	13 42	1 47	17 34	0 45	15 5	0 19	18 25	0 45	20 42	0 39	19 1	0 39	22 2	0 47	15 12	16 57	11 20	11 21	28 0	2 15	2 58
F 13	20 14	4 48	1 16	14 14	1 41	17 55	0 43	15 18	0 18	18 29	0 44	20 41	0 39	19 1	0 39	22 3	0 47	15 12	16 57	11 20	11 22	28 0	2 15	2 58
S 14	20 26	1s19	2 20	14 46	1 34	18 16	0 40	15 31	0 18	18 32	0 44	20 40	0 39	19 0	0 39	22 3	0 47	15 12	16 57	11 21	11 23	28 0	2 14	2 58
S 15	20 39	7 36	3 19	15 18	1 28	18 36	0 38	15 44	0 17	18 35	0 44	20 39	0 39	19 0	0 39	22 3	0 47	15 12	16 56	11 22	11 24	27 59	2 14	2 57
M16	20 51	13 44	4 7	15 49	1 21	18 56	0 36	15 57	0 16	18 38	0 44	20 38	0 39	18 59	0 39	22 3	0 47	15 12	16 56	11 25	11 25	27 59	2 13	2 57
T 17	21 2	19 20	4 42	16 21	1 14	19 15	0 34	16 10	0 16	18 41	0 44	20 37	0 39	18 58	0 39	22 3	0 47	15 12	16 56	11 28	11 26	27 58	2 13	2 57
W18	21 13	23 53	4 59	16 52	1 7	19 34	0 32	16 22	0 15	18 44	0 44	20 36	0 39	18 58	0 39	22 3	0 47	15 12	16 55	11 32	11 27	27 58	2 12	2 57
T 19	21 24	26 53	4 55	17 22	1 0	19 52	0 29	16 35	0 15	18 48	0 44	20 35	0 39	18 57	0 39	22 3	0 47	15 12	16 55	11 37	11 28	27 57	2 12	2 57
F 20	21 34	27 55	4 30	17 52	0 53	20 10	0 27	16 47	0 14	18 51	0 44	20 34	0 39	18 57	0 39	22 3	0 47	15 12	16 55	11 40	11 30	27 57	2 11	2 56
S 21	21 44	26 51	3 47	18 21	0 46	20 27	0 25	17 0	0 14	18 54	0 44	20 33	0 39	18 56	0 39	22 3	0 47	15 11	16 54	11 44	11 31	27 57	2 11	2 56
S 22	21 54	23 52	2 48	18 50	0 39	20 43	0 22	17 12	0 13	18 57	0 44	20 32	0 39	18 56	0 39	22 4	0 47	15 11	16 54	11 46	11 32	27 56	2 10	2 56
M23	22 3	19 25	1 40	19 18	0 31	20 59	0 20	17 24	0 12	19 0	0 44	20 30	0 39	18 55	0 38	22 4	0 47	15 11	16 54	11 47	11 33	27 56	2 10	2 56
T 24	22 11	13 59	0 27	19 45	0 24	21 15	0 18	17 36	0 12	19 3	0 44	20 29	0 39	18 54	0 38	22 4	0 47	15 11	16 53	11 47	11 34	27 55	2 9	2 55
W25	22 20	8 2	0n45	20 11	0 17	21 29	0 15	17 47	0 11	19 6	0 44	20 28	0 39	18 54	0 38	22 4	0 47	15 11	16 53	11 47	11 35	27 55	2 9	2 55
T 26	22 27	1 54	1 52	20 37	0 10	21 43	0 13	17 59	0 11	19 9	0 44	20 27	0 39	18 53	0 38	22 4	0 47	15 10	16 53	11 47	11 36	27 54	2 9	2 55
F 27	22 35	4n10	2 52	21 1	0 3	21 57	0 11	18 10	0 10	19 12	0 44	20 26	0 39	18 53	0 38	22 4	0 47	15 10	16 52	11 48	11 37	27 54	2 9	2 55
S 28	22 42	9 55	3 43	21 25	0s 4	22 9	0 8	18 22	0 9	19 15	0 44	20 24	0 39	18 52	0 38	22 4	0 47	15 10	16 52	11 49	11 38	27 53	2 8	2 54
S 29	22 48	15 11	4 21	21 47	0 11	22 21	0 6	18 33	0 9	19 18	0 44	20 23	0 39	18 51	0 38	22 4	0 47	15 10	16 51	11 52	11 40	27 53	2 8	2 54
M30	22s54	19n46	4n47	22s 9	0s18	22s33	0n 3	18s44	0n 8	19s20	0n44	20s22	0s39	18s51	0s38	22n 5	0s47	15s 9	16s51	11s55	11s41	27n52	2n 8	2n54

Julian Day Number = 2298091.5, Delta T = 120.29 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'37, Lahiri = 17°59'37 Julian Calendar 1 Nov. 1579 == Greg. Calendar 11 Nov. 1579

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ASTRODIENST EPHEMERIS for the year 1579
geocentric

DECEMBER 1579 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 16 0	18♐26'15	23♉18	10♐33	15♐49	24♏54	29♏32	2♒15	8♒22	12°R57	0°R40	28°R36	29♒26	1♋22	28♓40	T 1
W 2	5 19 57	19°27'19	5♊20	12° 6	17° 5	25°36	29°45	2°20	8°24	12♋55	0♈40	28♒23	29°23	1°28	28°40	W 2
T 3	5 23 54	20°28'24	17°16	13°40	18°20	26°18	29°58	2°26	8°27	12°54	0°40	28° 9	29°20	1°35	28°40	T 3
F 4	5 27 50	21°29'30	29° 9	15°13	19°36	27° 0	0♐11	2°32	8°30	12°52	0°40	27°57	29°17	1°42	28°41	F 4
S 5	5 31 47	22°30'36	11♋ 0	16°47	20°51	27°42	0°24	2°38	8°32	12°50	0°40	27°46	29°13	1°48	28°41	S 5
S 6	5 35 43	23°31'43	22°50	18°21	22° 7	28°25	0°37	2°44	8°35	12°49	0°D40	27°37	29°10	1°55	28°41	S 6
M 7	5 39 40	24°32'50	4♌42	19°55	23°22	29° 7	0°50	2°50	8°38	12°47	0°40	27°32	29° 7	2° 2	28°41	M 7
T 8	5 43 36	25°33'57	16°38	21°29	24°38	29°49	1° 2	2°57	8°40	12°46	0°40	27°29	29° 4	2° 9	28°42	T 8
W 9	5 47 33	26°35'06	28°43	23° 4	25°54	0♐32	1°15	3° 3	8°43	12°44	0°40	27°D29	29° 1	2°15	28°42	W 9
T 10	5 51 29	27°36'15	11♍ 0	24°38	27° 9	1°14	1°28	3° 9	8°46	12°42	0°40	27°29	28°58	2°22	28°43	T 10
F 11	5 55 26	28°37'24	23°35	26°13	28°25	1°56	1°41	3°15	8°49	12°41	0°40	27°R30	28°54	2°29	28°43	F 11
S 12	5 59 23	29°38'34	6♎32	27°49	29°40	2°39	1°53	3°22	8°52	12°39	0°40	27°30	28°51	2°35	28°44	S 12
S 13	6 3 19	0♏39'44	19°56	29°24	0♏56	3°21	2° 6	3°28	8°55	12°38	0°40	27°28	28°48	2°42	28°45	S 13
M14	6 7 16	1°40'55	3♏48	1♏ 0	2°11	4° 4	2°18	3°34	8°58	12°36	0°40	27°24	28°45	2°49	28°45	M14
T 15	6 11 12	2°42'07	18°10	2°36	3°27	4°47	2°31	3°41	9° 1	12°34	0°41	27°17	28°42	2°55	28°46	T 15
W16	6 15 9	3°43'19	2♐59	4°12	4°42	5°29	2°43	3°47	9° 3	12°33	0°41	27°10	28°38	3° 2	28°47	W16
T 17	6 19 5	4°44'31	18° 7	5°49	5°58	6°12	2°56	3°54	9° 7	12°31	0°41	27° 1	28°35	3° 9	28°48	T 17
F 18	6 23 2	5°45'43	3♏26	7°26	7°13	6°55	3° 8	4° 0	9°10	12°29	0°41	26°53	28°32	3°16	28°49	F 18
S 19	6 26 58	6°46'56	18°44	9° 3	8°29	7°37	3°20	4° 7	9°13	12°27	0°42	26°46	28°29	3°22	28°50	S 19
S 20	6 30 55	7°48'08	3♒50	10°41	9°44	8°20	3°33	4°14	9°16	12°26	0°42	26°42	28°26	3°29	28°51	S 20
M21	6 34 52	8°49'20	18°36	12°19	11° 0	9° 3	3°45	4°20	9°19	12°24	0°42	26°40	28°23	3°36	28°52	M21
T 22	6 38 48	9°50'31	2♓55	13°58	12°15	9°46	3°57	4°27	9°22	12°22	0°43	26°D40	28°19	3°42	28°54	T 22
W23	6 42 45	10°51'42	16°46	15°37	13°31	10°29	4° 9	4°34	9°25	12°21	0°43	26°41	28°16	3°49	28°55	W23
T 24	6 46 41	11°52'53	0♈11	17°16	14°46	11°12	4°21	4°41	9°28	12°19	0°43	26°42	28°13	3°56	28°56	T 24
F 25	6 50 38	12°54'03	13°10	18°55	16° 2	11°54	4°33	4°47	9°31	12°17	0°44	26°R42	28°10	4° 2	28°57	F 25
S 26	6 54 34	13°55'12	25°49	20°35	17°17	12°37	4°45	4°54	9°35	12°16	0°44	26°42	28° 7	4° 9	28°59	S 26
S 27	6 58 31	14°56'21	8♉11	22°15	18°32	13°21	4°56	5° 1	9°38	12°14	0°45	26°39	28° 4	4°16	29° 0	S 27
M28	7 2 27	15°57'30	20°20	23°56	19°48	14° 4	5° 8	5° 8	9°41	12°12	0°45	26°34	28° 0	4°23	29° 2	M28
T 29	7 6 24	16°58'37	2♊20	25°37	21° 3	14°47	5°20	5°15	9°44	12°10	0°46	26°28	27°57	4°29	29° 3	T 29
W30	7 10 21	17°59'45	14°15	27°17	22°19	15°30	5°31	5°22	9°48	12° 9	0°46	26°21	27°54	4°36	29° 5	W30
T 31	7 14 17	19♏ 0'51	26♊ 7	28♏58	23♏34	16♐13	5♐43	5♒29	9♒51	12♋ 7	0♈47	26♒13	27♒51	4♋43	29♓ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s59	23n28	5n 0	22s29	0s24	22s43	0n 1	18s55	0n 8	19s23	0n44	20s21	0s39	18s50	0s38	22n 5	0s47	15s 9	16s51	11s59	11s42	27n52	2n 8	2n54	
W 2	23 5	26 8	4 59	22 48	0 31	22 53	0s 1	19 6	0 7	19 26	0 44	20 19	0 39	18 49	0 38	22 5	0 47	15 9	16 50	12 4	11 43	27 51	2 7	2 54	
T 3	23 9	27 37	4 45	23 7	0 37	23 3	0 4	19 16	0 6	19 29	0 44	20 18	0 39	18 49	0 38	22 5	0 47	15 8	16 50	12 9	11 44	27 50	2 7	2 53	
F 4	23 13	27 48	4 18	23 24	0 44	23 11	0 6	19 27	0 6	19 32	0 44	20 17	0 39	18 48	0 38	22 5	0 47	15 8	16 50	12 13	11 45	27 50	2 7	2 53	
S 5	23 17	26 42	3 41	23 40	0 50	23 19	0 9	19 37	0 5	19 34	0 44	20 15	0 39	18 47	0 38	22 5	0 47	15 8	16 49	12 17	11 46	27 49	2 7	2 53	
S 6	23 20	24 24	2 53	23 54	0 56	23 27	0 11	19 47	0 4	19 37	0 43	20 14	0 39	18 46	0 38	22 6	0 47	15 7	16 49	12 20	11 47	27 49	2 7	2 53	
M 7	23 23	21 3	1 58	24 8	1 1	23 33	0 13	19 57	0 4	19 40	0 43	20 13	0 39	18 46	0 38	22 6	0 47	15 7	16 49	12 21	11 48	27 48	2 7	2 52	
T 8	23 25	16 48	0 58	24 20	1 7	23 39	0 16	20 6	0 3	19 42	0 43	20 11	0 39	18 45	0 38	22 6	0 47	15 7	16 48	12 22	11 50	27 48	2 7	2 52	
W 9	23 27	11 51	0s 7	24 31	1 13	23 44	0 18	20 16	0 3	19 45	0 43	20 10	0 39	18 44	0 38	22 6	0 47	15 6	16 48	12 23	11 51	27 47	2 7	2 52	
T 10	23 28	6 21	1 12	24 41	1 18	23 48	0 20	20 25	0 2	19 48	0 43	20 8	0 40	18 43	0 38	22 6	0 47	15 6	16 48	12 22	11 52	27 46	2 7	2 52	
F 11	23 29	0 29	2 15	24 49	1 23	23 52	0 23	20 35	0 1	19 50	0 43	20 7	0 40	18 43	0 38	22 6	0 47	15 6	16 47	12 22	11 53	27 46	2 7	2 51	
S 12	23 30	5s34	3 13	24 56	1 28	23 55	0 25	20 44	0 1	19 53	0 43	20 6	0 40	18 42	0 38	22 6	0 47	15 5	16 47	12 22	11 54	27 45	2 7	2 51	
S 13	23 30	11 33	4 3	25 2	1 32	23 57	0 27	20 53	0s 0	19 55	0 43	20 4	0 40	18 41	0 38	22 7	0 47	15 5	16 46	12 23	11 55	27 44	2 7	2 51	
M14	23 29	17 12	4 41	25 6	1 37	23 58	0 30	21 1	0 1	19 58	0 43	20 3	0 40	18 40	0 38	22 7	0 47	15 5	16 46	12 24	11 56	27 44	2 7	2 51	
T 15	23 28	22 7	5 2	25 9	1 41	23 59	0 32	21 10	0 1	20 0	0 43	20 1	0 40	18 40	0 38	22 7	0 47	15 4	16 46	12 26	11 57	27 43	2 7	2 50	
W16	23 27	25 47	5 4	25 11	1 45	23 59	0 34	21 18	0 2	20 3	0 43	20 0	0 40	18 39	0 38	22 7	0 47	15 4	16 45	12 29	11 58	27 43	2 7	2 50	
T 17	23 25	27 42	4 46	25 10	1 48	23 58	0 36	21 26	0 3	20 5	0 43	19 58	0 40	18 38	0 38	22 7	0 47	15 3	16 45	12 32	12 0	27 42	2 7	2 50	
F 18	23 22	27 33	4 6	25 9	1 52	23 56	0 38	21 34	0 3	20 8	0 43	19 57	0 40	18 37	0 38	22 7	0 47	15 3	16 45	12 35	12 1	27 41	2 7	2 50	
S 19	23 19	25 19	3 10	25 6	1 55	23 54	0 41	21 42	0 4	20 10	0 43	19 55	0 40	18 36	0 38	22 8	0 47	15 2	16 44	12 37	12 2	27 41	2 8	2 50	
S 20	23 16	21 17	2 0	25 1	1 58	23 51	0 43	21 49	0 5	20 12	0 43	19 54	0 40	18 35	0 38	22 8	0 47	15 2	16 44	12 39	12 3	27 40	2 8	2 49	
M21	23 12	15 59	0 43	24 55	2 0	23 47	0 45	21 57	0 5	20 15	0 43	19 52	0 40	18 35	0 38	22 8	0 47	15 1	16 44	12 39	12 4	27 39	2 8	2 49	
T 22	23 8	9 56	0n34	24 47	2 2	23 42	0 47	22 4	0 6	20 17	0 43	19 50	0 40	18 34	0 38	22 8	0 47	15 1	16 43	12 39	12 5	27 38	2 8	2 49	
W23	23 3	3 36	1 47	24 38	2 4	23 37	0 49	22 11	0 7	20 19	0 43	19 49	0 40	18 33	0 38	22 8	0 47	15 1	16 43	12 39	12 6	27 38	2 9	2 49	
T 24	22 58	2n41	2 51	24 27	2 5	23 31	0 51	22 18	0 7	20 21	0 43	19 47	0 40	18 32	0 38	22 8	0 47	15 0	16 42	12 39	12 7	27 37	2 9	2 48	
F 25	22 52	8 40	3 45	24 14	2 6	23 24	0 53	22 24	0 8	20 23	0 43	19 46	0 40	18 31	0 38	22 9	0 47	15 0	16 42	12 38	12 8	27 36	2 9	2 48	
S 26	22 46	14 7	4 26	24 0	2 7	23 17	0 55	22 30	0 9	20 26	0 43	19 44	0 40	18 30	0 38	22 9	0 47	14 59	16 42	12 39	12 9	27 36	2 10	2 48	
S 27	22 39	18 53	4 54	23 44	2 7	23 8	0 56	22 37	0 9	20 28	0 43	19 42	0 40	18 29	0 38	22 9	0 47	14 59	16 41	12 40	12 11	27 35	2 10	2 48	
M28	22 32	22 48	5 8	23 27	2 6	22 59	0 58	22 43	0 10	20 30	0 43	19 41	0 40	18 29	0 38	22 9	0 47	14 58	16 41	12 41	12 12	27 34	2 10	2 48	
T 29	22 25	25 42	5 8	23 8	2 5	22 50	1 0	22 48	0 11	20 32	0 43	19 39	0 40	18 28	0 38	22 9	0 47	14 57	16 41	12 43	12 13	27 33	2 11	2 47	
W30	22 17	27 26	4 55	22 47	2 4	22 40	1 2	22 54	0 11	20 34	0 43	19 38	0 40	18 27	0 38	22 9	0 47	14 57	16 40	12 46	12 14	27 33	2 11	2 47	
T 31	22s 9	27n55	4n29	22s24	2s 2	22s29	1s 3	22s59	0s12	20s36	0n43	19s36	0s40	18s26	0s38	22n10	0s47	14s56	16s40	12s48	12s15	27n32	2n12	2n47	

Julian Day Number = 2298121.5, Delta T = 120.15 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'41, Lahiri = 17°59'42 Julian Calendar 1 Dec. 1579 == Greg. Calendar 11 Dec. 1579

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1580
geocentric

JANUARY 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 18 14	20♑ 1'57	7♋57	0♒39	24♑50	16♐56	5♐54	5♒36	9♒54	12°R 5	0♈48	26°R 6	27♒48	4♋49	29♓ 8	F 1
S 2	7 22 10	21° 3'03	19°49	2°20	26° 5	17°39	6° 6	5°43	9°58	12♋ 4	0°48	26♒ 0	27°44	4°56	29°10	S 2
S 3	7 26 7	22° 4'07	1♌43	4° 1	27°20	18°23	6°17	5°50	10° 1	12° 2	0°49	25°56	27°41	5° 3	29°12	S 3
M 4	7 30 3	23° 5'12	13°42	5°42	28°36	19° 6	6°28	5°57	10° 4	12° 0	0°50	25°53	27°38	5° 9	29°14	M 4
T 5	7 34 0	24° 6'15	25°47	7°22	29°51	19°49	6°39	6° 4	10° 8	11°59	0°50	25°D52	27°35	5°16	29°16	T 5
W 6	7 37 57	25° 7'18	8♍ 0	9° 1	1♒ 6	20°33	6°50	6°11	10°11	11°57	0°51	25°53	27°32	5°23	29°18	W 6
T 7	7 41 53	26° 8'21	20°25	10°39	2°22	21°16	7° 1	6°18	10°15	11°55	0°52	25°54	27°29	5°29	29°20	T 7
F 8	7 45 50	27° 9'22	3♎ 5	12°16	3°37	22° 0	7°12	6°25	10°18	11°54	0°52	25°56	27°25	5°36	29°22	F 8
S 9	7 49 46	28°10'24	16° 2	13°51	4°52	22°43	7°23	6°32	10°21	11°52	0°53	25°58	27°22	5°43	29°24	S 9
S 10	7 53 43	29°11'25	29°21	15°25	6° 8	23°27	7°33	6°39	10°25	11°51	0°54	25°R58	27°19	5°50	29°26	S 10
M11	7 57 39	0♒12'25	13♏ 3	16°56	7°23	24°10	7°44	6°46	10°28	11°49	0°55	25°58	27°16	5°56	29°28	M11
T 12	8 1 36	1°13'25	27°10	18°24	8°38	24°54	7°54	6°54	10°32	11°47	0°56	25°56	27°13	6° 3	29°31	T 12
W13	8 5 32	2°14'24	11♐40	19°48	9°54	25°38	8° 5	7° 1	10°35	11°46	0°56	25°53	27°10	6°10	29°33	W13
T 14	8 9 29	3°15'23	26°29	21° 9	11° 9	26°21	8°15	7° 8	10°39	11°44	0°57	25°50	27° 6	6°16	29°35	T 14
F 15	8 13 26	4°16'21	11♑32	22°24	12°24	27° 5	8°25	7°15	10°42	11°43	0°58	25°47	27° 3	6°23	29°38	F 15
S 16	8 17 22	5°17'17	26°39	23°35	13°39	27°49	8°35	7°22	10°46	11°41	0°59	25°44	27° 0	6°30	29°40	S 16
S 17	8 21 19	6°18'13	11♒41	24°38	14°55	28°33	8°45	7°29	10°49	11°40	1° 0	25°43	26°57	6°36	29°43	S 17
M18	8 25 15	7°19'08	26°29	25°35	16°10	29°16	8°55	7°37	10°53	11°38	1° 1	25°D42	26°54	6°43	29°45	M18
T 19	8 29 12	8°20'01	10♓56	26°24	17°25	0♑ 0	9° 5	7°44	10°56	11°37	1° 2	25°43	26°50	6°50	29°48	T 19
W20	8 33 8	9°20'53	24°58	27° 4	18°40	0°44	9°15	7°51	11° 0	11°35	1° 3	25°44	26°47	6°56	29°50	W20
T 21	8 37 5	10°21'43	8♈32	27°35	19°56	1°28	9°24	7°58	11° 3	11°34	1° 4	25°45	26°44	7° 3	29°53	T 21
F 22	8 41 1	11°22'32	21°41	27°55	21°11	2°12	9°34	8° 5	11° 7	11°32	1° 5	25°46	26°41	7°10	29°55	F 22
S 23	8 44 58	12°23'20	4♉26	28°R 5	22°26	2°56	9°43	8°12	11°10	11°31	1° 6	25°47	26°38	7°17	29°58	S 23
S 24	8 48 55	13°24'06	16°51	28° 5	23°41	3°40	9°52	8°20	11°14	11°29	1° 7	25°R47	26°35	7°23	0♈ 1	S 24
M25	8 52 51	14°24'50	29° 1	27°53	24°56	4°24	10° 1	8°27	11°17	11°28	1° 8	25°47	26°31	7°30	0° 4	M25
T 26	8 56 48	15°25'33	10♊59	27°31	26°11	5° 8	10°10	8°34	11°21	11°27	1° 9	25°46	26°28	7°37	0° 7	T 26
W27	9 0 44	16°26'15	22°52	26°58	27°26	5°52	10°19	8°41	11°24	11°25	1°10	25°45	26°25	7°43	0° 9	W27
T 28	9 4 41	17°26'54	4♋42	26°16	28°41	6°36	10°28	8°48	11°28	11°24	1°11	25°43	26°22	7°50	0°12	T 28
F 29	9 8 37	18°27'32	16°32	25°26	29°56	7°20	10°36	8°55	11°31	11°23	1°12	25°42	26°19	7°57	0°15	F 29
S 30	9 12 34	19°28'09	28°27	24°29	1♓11	8° 5	10°45	9° 2	11°35	11°22	1°14	25°41	26°16	8° 3	0°18	S 30
S 31	9 16 30	20♒28'44	10♌27	23♒26	2♓26	8♑49	10♐53	9♒ 9	11♒38	11♋20	1♈15	25♒41	26♒12	8♋10	0♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s 0	27n 6	3n51	22s 0	2s 0	22s17	1s 5	23s 4	0s13	20s38	0n43	19s34	0s40	18s25	0s38	22n10	0s47	14s56	16s40	12s51	12s16	27n31	2n12	2n47
S 2	21 51	25 4	3 4	21 35	1 57	22 4	1 7	23 9	0 14	20 40	0 43	19 33	0 41	18 24	0 38	22 10	0 47	14 55	16 39	12 53	12 17	27 30	2 13	2 46
S 3	21 41	21 54	2 8	21 8	1 53	21 51	1 8	23 13	0 14	20 42	0 43	19 31	0 41	18 23	0 38	22 10	0 47	14 55	16 39	12 54	12 18	27 29	2 13	2 46
M 4	21 31	17 48	1 6	20 39	1 49	21 38	1 10	23 18	0 15	20 44	0 43	19 29	0 41	18 22	0 38	22 10	0 47	14 54	16 39	12 55	12 19	27 29	2 14	2 46
T 5	21 20	12 58	0 1	20 9	1 44	21 23	1 11	23 22	0 16	20 46	0 43	19 27	0 41	18 21	0 38	22 10	0 47	14 54	16 38	12 56	12 20	27 28	2 14	2 46
W 6	21 10	7 34	1s 6	19 38	1 38	21 8	1 13	23 26	0 16	20 48	0 43	19 26	0 41	18 20	0 38	22 11	0 47	14 53	16 38	12 55	12 22	27 27	2 15	2 46
T 7	20 58	1 48	2 11	19 5	1 32	20 53	1 14	23 30	0 17	20 49	0 43	19 24	0 41	18 19	0 38	22 11	0 47	14 52	16 38	12 55	12 23	27 26	2 16	2 45
F 8	20 47	4s 8	3 10	18 31	1 25	20 37	1 15	23 33	0 18	20 51	0 43	19 22	0 41	18 19	0 38	22 11	0 47	14 52	16 37	12 54	12 24	27 25	2 16	2 45
S 9	20 35	10 2	4 1	17 56	1 17	20 20	1 16	23 36	0 19	20 53	0 43	19 21	0 41	18 18	0 38	22 11	0 47	14 51	16 37	12 54	12 25	27 24	2 17	2 45
S 10	20 22	15 39	4 41	17 20	1 8	20 2	1 18	23 39	0 19	20 55	0 43	19 19	0 41	18 17	0 38	22 11	0 47	14 51	16 37	12 54	12 26	27 24	2 18	2 45
M11	20 9	20 39	5 6	16 44	0 58	19 44	1 19	23 42	0 20	20 56	0 43	19 17	0 41	18 16	0 38	22 11	0 47	14 50	16 36	12 54	12 27	27 23	2 18	2 45
T 12	19 56	24 40	5 14	16 6	0 48	19 26	1 20	23 45	0 21	20 58	0 43	19 15	0 41	18 15	0 38	22 12	0 47	14 49	16 36	12 54	12 28	27 22	2 19	2 44
W13	19 42	27 14	5 3	15 29	0 36	19 7	1 21	23 47	0 22	21 0	0 43	19 14	0 41	18 14	0 38	22 12	0 47	14 49	16 36	12 55	12 29	27 21	2 20	2 44
T 14	19 28	27 58	4 31	14 52	0 24	18 47	1 22	23 49	0 22	21 1	0 43	19 12	0 41	18 13	0 38	22 12	0 47	14 48	16 36	12 56	12 30	27 20	2 21	2 44
F 15	19 14	26 39	3 40	14 15	0 11	18 27	1 23	23 51	0 23	21 3	0 43	19 10	0 41	18 12	0 38	22 12	0 47	14 48	16 35	12 57	12 31	27 19	2 21	2 44
S 16	18 59	23 23	2 33	13 39	0n 3	18 6	1 23	23 52	0 24	21 4	0 43	19 8	0 41	18 11	0 38	22 12	0 47	14 47	16 35	12 58	12 32	27 18	2 22	2 44
S 17	18 44	18 33	1 17	13 4	0 17	17 45	1 24	23 54	0 24	21 6	0 43	19 7	0 41	18 10	0 38	22 12	0 47	14 46	16 35	12 59	12 34	27 17	2 23	2 43
M18	18 29	12 39	0n 4	12 31	0 33	17 23	1 25	23 55	0 25	21 7	0 43	19 5	0 42	18 9	0 38	22 12	0 47	14 46	16 34	12 59	12 35	27 17	2 24	2 43
T 19	18 13	6 12	1 23	11 59	0 49	17 1	1 26	23 56	0 26	21 9	0 43	19 3	0 42	18 8	0 38	22 13	0 47	14 45	16 34	12 59	12 36	27 16	2 25	2 43
W20	17 57	0n22	2 35	11 30	1 5	16 38	1 26	23 56	0 27	21 10	0 43	19 1	0 42	18 7	0 38	22 13	0 47	14 44	16 34	12 58	12 37	27 15	2 25	2 43
T 21	17 41	6 41	3 35	11 4	1 22	16 15	1 27	23 57	0 27	21 12	0 43	18 59	0 42	18 6	0 38	22 13	0 47	14 44	16 34	12 58	12 38	27 14	2 26	2 43
F 22	17 24	12 31	4 22	10 41	1 39	15 51	1 27	23 57	0 28	21 13	0 43	18 58	0 42	18 5	0 38	22 13	0 47	14 43	16 33	12 58	12 39	27 13	2 27	2 43
S 23	17 8	17 39	4 55	10 21	1 56	15 27	1 28	23 57	0 29	21 15	0 44	18 56	0 42	18 4	0 38	22 13	0 47	14 43	16 33	12 57	12 40	27 12	2 28	2 42
S 24	16 50	21 54	5 13	10 6	2 13	15 2	1 28	23 56	0 30	21 16	0 44	18 54	0 42	18 3	0 38	22 13	0 47	14 42	16 33	12 57	12 41	27 11	2 29	2 42
M25	16 33	25 7	5 16	9 55	2 29	14 37	1 28	23 56	0 30	21 17	0 44	18 52	0 42	18 2	0 38	22 14	0 47	14 41	16 32	12 57	12 42	27 10	2 30	2 42
T 26	16 15	27 11	5 6	9 48	2 44	14 12	1 28	23 55	0 31	21 18	0 44	18 50	0 42	18 1	0 38	22 14	0 47	14 41	16 32	12 58	12 43	27 9	2 31	2 42
W27	15 57	28 0	4 42	9 46	2 58	13 47	1 29	23 54	0 32	21 20	0 44	18 49	0 42	18 0	0 38	22 14	0 47	14 40	16 32	12 58	12 44	27 8	2 32	2 42
T 28	15 38	27 31	4 7	9 48	3 11	13 20	1 29	23 53	0 33	21 21	0 44	18 47	0 42	17 59	0 38	22 14	0 47	14 39	16 32	12 59	12 45	27 7	2 33	2 41
F 29	15 20	25 47	3 20	9 54	3 22	12 54	1 29	23 51	0 34	21 22	0 44	18 45	0 42	17 59	0 38	22 14	0 47	14 39	16 31	12 59	12 47	27 6	2 34	2 41
S 30	15 1	22 54	2 25	10 5	3 31	12 27	1 29	23 49	0 34	21 23	0 44	18 43	0 42	17 58	0 38	22 14	0 46	14 38	16 31	12 59	12 48	27 5	2 35	2 41
S 31	14s42	19n 0	1n23	10s19	3n38	12s 0	1s28	23s47	0s35	21s24	0n44	18s41	0s42	17s57	0s38	22n14	0s46	14s37	16s31	12s59	12s49	27n 4	2n36	2n41

Julian Day Number = 2298152.5, Delta T = 120.00 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'45, Lahiri = 17°59'46 Julian Calendar 1 Jan. 1580 == Greg. Calendar 11 Jan. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

FEBRUARY 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 20 27	21♒29'17	22♌36	22°R20	3♓41	9♉33	11♐ 1	9♒16	11♒41	11°R19	1♈16	25°D41	26♒ 9	8♋17	0♈24	M 1
T 2	9 24 24	22°29'49	4♍55	21♒12	4°56	10°17	11°10	9°23	11°45	11♋18	1°17	25♒41	26° 6	8°23	0°27	T 2
W 3	9 28 20	23°30'19	17°25	20° 3	6°11	11° 2	11°18	9°30	11°48	11°17	1°18	25°41	26° 3	8°30	0°30	W 3
T 4	9 32 17	24°30'47	0♎ 7	18°57	7°26	11°46	11°25	9°38	11°52	11°16	1°20	25°41	26° 0	8°37	0°33	T 4
F 5	9 36 13	25°31'15	13° 2	17°54	8°41	12°30	11°33	9°45	11°55	11°14	1°21	25°R41	25°56	8°44	0°37	F 5
S 6	9 40 10	26°31'40	26°12	16°55	9°56	13°15	11°41	9°51	11°59	11°13	1°22	25°41	25°53	8°50	0°40	S 6
S 7	9 44 6	27°32'05	9♏37	16° 1	11°11	13°59	11°48	9°58	12° 2	11°12	1°23	25°41	25°50	8°57	0°43	S 7
M 8	9 48 3	28°32'28	23°19	15°14	12°26	14°44	11°55	10° 5	12° 5	11°11	1°24	25°D41	25°47	9° 4	0°46	M 8
T 9	9 51 59	29°32'50	7♐16	14°34	13°40	15°28	12° 3	10°12	12° 9	11°10	1°26	25°41	25°44	9°10	0°49	T 9
W10	9 55 56	0♓33'10	21°30	14° 1	14°55	16°13	12°10	10°19	12°12	11° 9	1°27	25°41	25°41	9°17	0°53	W10
T 11	9 59 53	1°33'29	5♉56	13°35	16°10	16°57	12°16	10°26	12°15	11° 8	1°28	25°41	25°37	9°24	0°56	T 11
F 12	10 3 49	2°33'47	20°33	13°16	17°25	17°42	12°23	10°33	12°19	11° 7	1°30	25°42	25°34	9°30	0°59	F 12
S 13	10 7 46	3°34'03	5♒15	13° 5	18°39	18°26	12°30	10°40	12°22	11° 6	1°31	25°43	25°31	9°37	1° 3	S 13
S 14	10 11 42	4°34'17	19°55	13°D 0	19°54	19°11	12°36	10°46	12°25	11° 5	1°32	25°R43	25°28	9°44	1° 6	S 14
M15	10 15 39	5°34'30	4♓27	13° 2	21° 9	19°56	12°42	10°53	12°29	11° 5	1°34	25°43	25°25	9°50	1° 9	M15
T 16	10 19 35	6°34'40	18°46	13°11	22°23	20°40	12°49	11° 0	12°32	11° 4	1°35	25°42	25°22	9°57	1°13	T 16
W17	10 23 32	7°34'49	2♈45	13°25	23°38	21°25	12°55	11° 7	12°35	11° 3	1°36	25°41	25°18	10° 4	1°16	W17
T 18	10 27 28	8°34'56	16°22	13°45	24°53	22°10	13° 0	11°13	12°38	11° 2	1°38	25°39	25°15	10°10	1°20	T 18
F 19	10 31 25	9°35'00	29°35	14° 9	26° 7	22°55	13° 6	11°20	12°42	11° 1	1°39	25°38	25°12	10°17	1°23	F 19
S 20	10 35 22	10°35'03	12♉26	14°39	27°22	23°39	13°12	11°26	12°45	11° 1	1°40	25°36	25° 9	10°24	1°27	S 20
S 21	10 39 18	11°35'03	24°56	15°14	28°36	24°24	13°17	11°33	12°48	11° 0	1°42	25°34	25° 6	10°30	1°30	S 21
M22	10 43 15	12°35'02	7♊ 9	15°52	29°51	25° 9	13°22	11°40	12°51	10°59	1°43	25°D33	25° 2	10°37	1°34	M22
T 23	10 47 11	13°34'58	19° 9	16°35	1♈ 5	25°54	13°27	11°46	12°54	10°59	1°45	25°33	24°59	10°44	1°37	T 23
W24	10 51 8	14°34'52	1♋ 2	17°21	2°20	26°39	13°32	11°52	12°57	10°58	1°46	25°34	24°56	10°51	1°41	W24
T 25	10 55 4	15°34'43	12°52	18°11	3°34	27°24	13°37	11°59	13° 1	10°58	1°48	25°36	24°53	10°57	1°44	T 25
F 26	10 59 1	16°34'33	24°43	19° 4	4°48	28° 8	13°41	12° 5	13° 4	10°57	1°49	25°37	24°50	11° 4	1°48	F 26
S 27	11 2 57	17°34'20	6♌41	20° 0	6° 3	28°53	13°45	12°11	13° 7	10°57	1°50	25°39	24°47	11°11	1°52	S 27
S 28	11 6 54	18°34'05	18°48	20°59	7°17	29°38	13°50	12°18	13°10	10°56	1°52	25°40	24°43	11°17	1°55	S 28
M29	11 10 51	19♓33'48	1♍ 7	22♒ 1	8♈31	0♒23	13♐54	12♒24	13♒13	10♋56	1♈53	25°R40	24♒40	11♋24	1♈59	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s22	14n17	0n17	10s36	3n42	11s33	1s28	23s45	0s36	21s26	0n44	18s40	0s43	17s56	0s38	22n14	0s46	14s37	16s31	13s 0	12s50	27n 3	2n37	2n41
T 2	14 3	8 56	0s51	10 55	3 44	11 5	1 28	23 42	0 37	21 27	0 44	18 38	0 43	17 55	0 38	22 15	0 46	14 36	16 31	12 59	12 51	27 2	2 38	2 41
W 3	13 43	3 11	1 58	11 17	3 44	10 37	1 28	23 39	0 37	21 28	0 44	18 36	0 43	17 54	0 38	22 15	0 46	14 35	16 30	12 59	12 52	27 1	2 39	2 41
T 4	13 23	2s48	3 0	11 40	3 42	10 9	1 27	23 36	0 38	21 29	0 44	18 34	0 43	17 53	0 38	22 15	0 46	14 35	16 30	12 59	12 53	27 0	2 40	2 40
F 5	13 3	8 45	3 54	12 3	3 38	9 40	1 27	23 33	0 39	21 30	0 44	18 32	0 43	17 52	0 38	22 15	0 46	14 34	16 30	12 59	12 54	26 59	2 41	2 40
S 6	12 42	14 25	4 36	12 27	3 31	9 12	1 26	23 30	0 40	21 31	0 44	18 31	0 43	17 51	0 38	22 15	0 46	14 33	16 30	12 59	12 55	26 58	2 43	2 40
S 7	12 21	19 33	5 5	12 50	3 23	8 43	1 26	23 26	0 40	21 32	0 44	18 29	0 43	17 50	0 38	22 15	0 46	14 33	16 30	12 59	12 56	26 57	2 44	2 40
M 8	12 1	23 45	5 17	13 13	3 14	8 13	1 25	23 22	0 41	21 33	0 44	18 27	0 43	17 49	0 38	22 15	0 46	14 32	16 29	12 59	12 57	26 56	2 45	2 40
T 9	11 39	26 41	5 11	13 35	3 3	7 44	1 24	23 18	0 42	21 34	0 44	18 25	0 43	17 48	0 38	22 15	0 46	14 31	16 29	12 59	12 58	26 55	2 46	2 40
W10	11 18	27 59	4 46	13 56	2 51	7 14	1 23	23 13	0 43	21 35	0 44	18 24	0 43	17 47	0 38	22 16	0 46	14 31	16 29	12 59	12 59	26 53	2 47	2 39
T 11	10 57	27 24	4 3	14 15	2 39	6 44	1 23	23 8	0 44	21 35	0 44	18 22	0 43	17 46	0 38	22 16	0 46	14 30	16 29	12 59	13 1	26 52	2 48	2 39
F 12	10 35	24 56	3 3	14 32	2 26	6 14	1 22	23 3	0 44	21 36	0 44	18 20	0 44	17 45	0 38	22 16	0 46	14 29	16 29	12 59	13 2	26 51	2 50	2 39
S 13	10 13	20 48	1 51	14 48	2 13	5 44	1 21	22 58	0 45	21 37	0 44	18 18	0 44	17 44	0 38	22 16	0 46	14 28	16 28	12 59	13 3	26 50	2 51	2 39
S 14	9 51	15 23	0 32	15 2	2 0	5 14	1 20	22 53	0 46	21 38	0 44	18 16	0 44	17 43	0 38	22 16	0 46	14 28	16 28	12 59	13 4	26 49	2 52	2 39
M15	9 29	9 9	0n48	15 15	1 46	4 43	1 19	22 47	0 47	21 39	0 44	18 15	0 44	17 43	0 38	22 16	0 46	14 27	16 28	12 59	13 5	26 48	2 53	2 39
T 16	9 7	2 33	2 4	15 25	1 33	4 13	1 17	22 41	0 47	21 39	0 44	18 13	0 44	17 42	0 38	22 16	0 46	14 26	16 28	12 59	13 6	26 47	2 55	2 39
W17	8 45	4n 1	3 11	15 34	1 19	3 42	1 16	22 35	0 48	21 40	0 44	18 11	0 44	17 41	0 38	22 16	0 46	14 26	16 28	12 59	13 7	26 46	2 56	2 39
T 18	8 22	10 13	4 5	15 41	1 6	3 11	1 15	22 28	0 49	21 41	0 44	18 9	0 44	17 40	0 38	22 16	0 46	14 25	16 28	13 0	13 8	26 45	2 57	2 38
F 19	8 0	15 47	4 44	15 46	0 53	2 40	1 14	22 22	0 50	21 41	0 44	18 8	0 44	17 39	0 38	22 17	0 46	14 24	16 28	13 1	13 9	26 43	2 58	2 38
S 20	7 37	20 29	5 8	15 50	0 40	2 9	1 12	22 15	0 51	21 42	0 44	18 6	0 44	17 38	0 38	22 17	0 46	14 24	16 27	13 1	13 10	26 42	3 0	2 38
S 21	7 14	24 9	5 16	15 52	0 28	1 38	1 11	22 8	0 51	21 43	0 45	18 4	0 44	17 37	0 38	22 17	0 46	14 23	16 27	13 2	13 11	26 41	3 1	2 38
M22	6 51	26 39	5 10	15 52	0 16	1 7	1 9	22 1	0 52	21 43	0 45	18 3	0 45	17 36	0 38	22 17	0 46	14 22	16 27	13 2	13 12	26 40	3 2	2 38
T 23	6 28	27 52	4 50	15 50	0 4	0 36	1 8	21 53	0 53	21 44	0 45	18 1	0 45	17 35	0 38	22 17	0 46	14 22	16 27	13 2	13 13	26 39	3 4	2 38
W24	6 5	27 47	4 18	15 47	0s 7	0 5	1 6	21 45	0 54	21 44	0 45	17 59	0 45	17 35	0 38	22 17	0 46	14 21	16 27	13 2	13 14	26 38	3 5	2 38
T 25	5 42	26 26	3 35	15 42	0 18	0n26	1 4	21 37	0 55	21 45	0 45	17 57	0 45	17 34	0 38	22 17	0 46	14 21	16 27	13 1	13 16	26 36	3 6	2 38
F 26	5 19	23 54	2 43	15 35	0 28	0 58	1 2	21 29	0 55	21 45	0 45	17 56	0 45	17 33	0 38	22 17	0 46	14 20	16 27	13 1	13 17	26 35	3 7	2 38
S 27	4 55	20 18	1 43	15 27	0 38	1 29	1 1	21 21	0 56	21 46	0 45	17 54	0 45	17 32	0 38	22 17	0 46	14 19	16 27	13 0	13 18	26 34	3 9	2 37
S 28	4 32	15 49	0 38	15 17	0 48	2 0	0 59	21 12	0 57	21 46	0 45	17 52	0 45	17 31	0 38	22 17	0 46	14 19	16 27	13 0	13 19	26 33	3 10	2 37
M29	4s 8	10n38	0s30	15s 6	0s57	2n31	0s57	21s 3	0s58	21s47	0n45	17s51	0s45	17s30	0s38	22n17	0s46	14s18	16s27	13s 0	13s20	26n31	3n12	2n37

Julian Day Number = 2298183.5, Delta T = 119.85 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'50, Lahiri = 17°59'50 Julian Calendar 1 Feb. 1580 == Greg. Calendar 11 Feb. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

MARCH 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 14 47	20♓33'29	13♍41	23♒ 5	9♈45	1♒ 8	13♐57	12♒30	13♒16	10°R55	1♈55	25°R39	24♒37	11♋31	2♈ 2	T 1
W 2	11 18 44	21°33'07	26°30	24°11	10°59	1°53	14° 1	12°36	13°19	10♋55	1°56	25♒36	24°34	11°37	2° 6	W 2
T 3	11 22 40	22°32'44	9♎35	25°20	12°14	2°38	14° 4	12°42	13°21	10°55	1°58	25°33	24°31	11°44	2°10	T 3
F 4	11 26 37	23°32'19	22°55	26°31	13°28	3°23	14° 8	12°48	13°24	10°55	1°59	25°29	24°27	11°51	2°13	F 4
S 5	11 30 33	24°31'52	6♏28	27°43	14°42	4° 8	14°11	12°54	13°27	10°54	2° 1	25°24	24°24	11°57	2°17	S 5
S 6	11 34 30	25°31'23	20°12	28°58	15°56	4°53	14°14	13° 0	13°30	10°54	2° 2	25°20	24°21	12° 4	2°21	S 6
M 7	11 38 26	26°30'52	4♐ 6	0♓15	17°10	5°38	14°17	13° 6	13°33	10°54	2° 3	25°17	24°18	12°11	2°24	M 7
T 8	11 42 23	27°30'20	18° 7	1°34	18°24	6°24	14°19	13°12	13°35	10°54	2° 5	25°15	24°15	12°17	2°28	T 8
W 9	11 46 20	28°29'46	2♑15	2°54	19°38	7° 9	14°22	13°18	13°38	10°54	2° 6	25°D15	24°12	12°24	2°32	W 9
T 10	11 50 16	29°29'10	16°26	4°16	20°52	7°54	14°24	13°23	13°41	10°54	2° 8	25°16	24° 8	12°31	2°35	T 10
F 11	11 54 13	0♈28'32	0♒41	5°40	22° 5	8°39	14°26	13°29	13°44	10°53	2° 9	25°17	24° 5	12°37	2°39	F 11
S 12	11 58 9	1°27'53	14°55	7° 5	23°19	9°24	14°28	13°35	13°46	10°D53	2°11	25°18	24° 2	12°44	2°43	S 12
S 13	12 2 6	2°27'12	29° 7	8°32	24°33	10° 9	14°29	13°40	13°49	10°53	2°12	25°R19	23°59	12°51	2°46	S 13
M14	12 6 2	3°26'28	13♓13	10° 0	25°47	10°55	14°31	13°46	13°51	10°54	2°14	25°17	23°56	12°57	2°50	M14
T 15	12 9 59	4°25'43	27°10	11°30	27° 1	11°40	14°32	13°51	13°54	10°54	2°15	25°14	23°53	13° 4	2°54	T 15
W16	12 13 55	5°24'56	10♈53	13° 2	28°14	12°25	14°33	13°56	13°56	10°54	2°17	25° 9	23°49	13°11	2°58	W16
T 17	12 17 52	6°24'07	24°19	14°35	29°28	13°10	14°34	14° 2	13°59	10°54	2°18	25° 2	23°46	13°18	3° 1	T 17
F 18	12 21 48	7°23'15	7♉27	16° 9	0♉41	13°55	14°35	14° 7	14° 1	10°54	2°20	24°55	23°43	13°24	3° 5	F 18
S 19	12 25 45	8°22'22	20°16	17°45	1°55	14°41	14°35	14°12	14° 4	10°54	2°21	24°47	23°40	13°31	3° 9	S 19
S 20	12 29 42	9°21'26	2♊46	19°22	3° 9	15°26	14°36	14°17	14° 6	10°55	2°23	24°41	23°37	13°38	3°12	S 20
M21	12 33 38	10°20'28	15° 0	21° 1	4°22	16°11	14°R36	14°22	14° 8	10°55	2°24	24°36	23°33	13°44	3°16	M21
T 22	12 37 35	11°19'27	27° 2	22°41	5°35	16°56	14°36	14°27	14°11	10°55	2°26	24°33	23°30	13°51	3°20	T 22
W23	12 41 31	12°18'25	8♋55	24°23	6°49	17°42	14°36	14°32	14°13	10°55	2°27	24°D31	23°27	13°58	3°23	W23
T 24	12 45 28	13°17'20	20°45	26° 7	8° 2	18°27	14°35	14°37	14°15	10°56	2°28	24°32	23°24	14° 4	3°27	T 24
F 25	12 49 24	14°16'13	2♌36	27°51	9°15	19°12	14°35	14°42	14°17	10°56	2°30	24°33	23°21	14°11	3°31	F 25
S 26	12 53 21	15°15'03	14°35	29°38	10°29	19°57	14°34	14°46	14°19	10°57	2°31	24°34	23°18	14°18	3°34	S 26
S 27	12 57 17	16°13'51	26°46	1♈25	11°42	20°43	14°33	14°51	14°21	10°57	2°33	24°R34	23°14	14°24	3°38	S 27
M28	13 1 14	17°12'37	9♍12	3°15	12°55	21°28	14°32	14°56	14°23	10°58	2°34	24°33	23°11	14°31	3°41	M28
T 29	13 5 11	18°11'21	21°58	5° 6	14° 8	22°13	14°31	15° 0	14°25	10°58	2°36	24°30	23° 8	14°38	3°45	T 29
W30	13 9 7	19°10'02	5♎ 4	6°58	15°21	22°59	14°29	15° 4	14°27	10°59	2°37	24°24	23° 5	14°44	3°49	W30
T 31	13 13 4	20♈ 8'42	18♎31	8♈52	16♉34	23♒44	14♐27	15♒ 9	14♒29	11♋ 0	2♈39	24♒17	23♒ 2	14♋51	3♈52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s45	4n56	1s37	14s53	1s 6	3n 2	0s55	20s54	0s58	21s47	0n45	17s49	0s45	17s30	0s38	22n17	0s46	14s17	16s26	13s 0	13s21	26n30	3n13	2n37
W 2	3 21	1s 5	2 41	14 39	1 14	3 33	0 53	20 45	0 59	21 48	0 45	17 48	0 46	17 29	0 38	22 17	0 45	14 17	16 26	13 1	13 22	26 29	3 14	2 37
T 3	2 58	7 9	3 38	14 23	1 22	4 4	0 51	20 35	1 0	21 48	0 45	17 46	0 46	17 28	0 38	22 17	0 45	14 16	16 26	13 2	13 23	26 28	3 16	2 37
F 4	2 34	13 0	4 24	14 6	1 29	4 35	0 49	20 26	1 1	21 48	0 45	17 44	0 46	17 27	0 38	22 18	0 45	14 15	16 26	13 4	13 24	26 26	3 17	2 37
S 5	2 11	18 21	4 56	13 48	1 36	5 5	0 47	20 16	1 2	21 49	0 45	17 43	0 46	17 26	0 39	22 18	0 45	14 15	16 26	13 5	13 25	26 25	3 18	2 37
S 6	1 47	22 50	5 11	13 27	1 42	5 36	0 44	20 6	1 2	21 49	0 45	17 41	0 46	17 26	0 39	22 18	0 45	14 14	16 26	13 6	13 26	26 24	3 20	2 37
M 7	1 23	26 4	5 9	13 6	1 48	6 6	0 42	19 56	1 3	21 49	0 45	17 40	0 46	17 25	0 39	22 18	0 45	14 14	16 26	13 8	13 27	26 23	3 21	2 37
T 8	1 0	27 45	4 48	12 43	1 54	6 37	0 40	19 45	1 4	21 49	0 45	17 38	0 46	17 24	0 39	22 18	0 45	14 13	16 26	13 8	13 28	26 21	3 23	2 36
W 9	0 36	27 39	4 10	12 19	1 59	7 7	0 38	19 34	1 5	21 50	0 45	17 37	0 46	17 23	0 39	22 18	0 45	14 12	16 26	13 8	13 29	26 20	3 24	2 36
T 10	0 12	25 44	3 16	11 53	2 4	7 37	0 35	19 23	1 5	21 50	0 45	17 35	0 46	17 22	0 39	22 18	0 45	14 12	16 26	13 8	13 30	26 19	3 25	2 36
F 11	0n11	22 10	2 10	11 26	2 8	8 7	0 33	19 12	1 6	21 50	0 45	17 34	0 47	17 22	0 39	22 18	0 45	14 11	16 26	13 7	13 31	26 18	3 27	2 36
S 12	0 35	17 18	0 56	10 58	2 12	8 37	0 30	19 1	1 7	21 50	0 45	17 32	0 47	17 21	0 39	22 18	0 45	14 11	16 26	13 7	13 32	26 16	3 28	2 36
S 13	0 59	11 29	0n21	10 28	2 15	9 6	0 28	18 50	1 8	21 50	0 45	17 31	0 47	17 20	0 39	22 18	0 45	14 10	16 26	13 7	13 34	26 15	3 30	2 36
M14	1 22	5 8	1 36	9 58	2 18	9 36	0 25	18 38	1 9	21 51	0 45	17 29	0 47	17 20	0 39	22 18	0 45	14 9	16 26	13 7	13 35	26 14	3 31	2 36
T 15	1 46	1n23	2 44	9 25	2 20	10 5	0 23	18 26	1 9	21 51	0 45	17 28	0 47	17 19	0 39	22 18	0 45	14 9	16 26	13 8	13 36	26 12	3 32	2 36
W16	2 9	7 43	3 42	8 52	2 22	10 33	0 20	18 14	1 10	21 51	0 46	17 26	0 47	17 18	0 39	22 18	0 45	14 8	16 26	13 10	13 37	26 11	3 34	2 36
T 17	2 33	13 34	4 26	8 17	2 23	11 2	0 18	18 2	1 11	21 51	0 46	17 25	0 47	17 17	0 39	22 18	0 45	14 8	16 26	13 12	13 38	26 10	3 35	2 36
F 18	2 56	18 40	4 55	7 41	2 24	11 30	0 15	17 50	1 12	21 51	0 46	17 23	0 48	17 17	0 39	22 18	0 45	14 7	16 26	13 15	13 39	26 8	3 37	2 36
S 19	3 20	22 47	5 8	7 4	2 25	11 59	0 12	17 37	1 12	21 51	0 46	17 22	0 48	17 16	0 39	22 18	0 45	14 7	16 26	13 17	13 40	26 7	3 38	2 36
S 20	3 43	25 45	5 6	6 26	2 25	12 26	0 10	17 25	1 13	21 51	0 46	17 21	0 48	17 15	0 39	22 18	0 45	14 6	16 26	13 20	13 41	26 5	3 39	2 36
M21	4 6	27 27	4 50	5 46	2 24	12 54	0 7	17 12	1 14	21 51	0 46	17 19	0 48	17 15	0 39	22 18	0 45	14 6	16 26	13 21	13 42	26 4	3 41	2 36
T 22	4 29	27 49	4 21	5 6	2 23	13 21	0 4	16 59	1 15	21 51	0 46	17 18	0 48	17 14	0 39	22 18	0 45	14 5	16 26	13 22	13 43	26 3	3 42	2 36
W23	4 52	26 52	3 41	4 24	2 21	13 48	0 1	16 46	1 15	21 51	0 46	17 17	0 48	17 14	0 39	22 18	0 45	14 5	16 26	13 23	13 44	26 1	3 44	2 36
T 24	5 15	24 44	2 52	3 41	2 19	14 14	0n 1	16 32	1 16	21 51	0 46	17 15	0 48	17 13	0 39	22 18	0 45	14 4	16 27	13 23	13 45	26 0	3 45	2 36
F 25	5 38	21 30	1 56	2 57	2 17	14 41	0 4	16 19	1 17	21 51	0 46	17 14	0 48	17 12	0 39	22 18	0 45	14 4	16 27	13 22	13 46	25 59	3 46	2 35
S 26	6 1	17 21	0 54	2 12	2 14	15 6	0 7	16 5	1 18	21 51	0 46	17 13	0 49	17 12	0 39	22 18	0 45	14 3	16 27	13 22	13 47	25 57	3 48	2 35
S 27	6 24	12 26	0s12	1 25	2 10	15 32	0 10	15 52	1 18	21 50	0 46	17 12	0 49	17 11	0 39	22 18	0 45	14 3	16 27	13 22	13 48	25 56	3 49	2 35
M28	6 46	6 56	1 18	0 38	2 6	15 57	0 12	15 38	1 19	21 50	0 46	17 10	0 49	17 11	0 39	22 18	0 45	14 2	16 27	13 22	13 49	25 54	3 51	2 35
T 29	7 9	1 1	2 22	0n10	2 1	16 22	0 15	15 24	1 20	21 50	0 46	17 9	0 49	17 10	0 39	22 18	0 45	14 2	16 27	13 23	13 50	25 53	3 52	2 35
W30	7 31	5s 4	3 20	1 0	1 56	16 46	0 18	15 9	1 20	21 50	0 46	17 8	0 49	17 10	0 39	22 18	0 44	14 1	16 27	13 25	13 51	25 51	3 54	2 35
T 31	7n54	11s 5	4s 8	1n50	1s51	17n10	0n21	14s55	1s21	21s50	0n46	17s 7	0s49	17s 9	0s39	22n18	0s44	14s 1	16s27	13s28	13s52	25n50	3n55	2n35

Julian Day Number = 2298212.5, Delta T = 119.71 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'54, Lahiri = 17°59'54 Julian Calendar 1 March 1580 == Greg. Calendar 11 March 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

APRIL 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 17 0	21♈ 7'20	2♏16	10♈48	17♉47	24♒29	14°R25	15♒13	14♒31	11♋ 0	2♈40	24°R 8	22♒59	14♋58	3♈56	F 1
S 2	13 20 57	22° 5'55	16°17	12°45	19° 0	25°14	14♐23	15°17	14°33	11° 1	2°41	23♒58	22°55	15° 4	3°59	S 2
S 3	13 24 53	23° 4'29	0♐28	14°43	20°13	26° 0	14°21	15°21	14°35	11° 2	2°43	23°49	22°52	15°11	4° 3	S 3
M 4	13 28 50	24° 3'02	14°44	16°43	21°26	26°45	14°19	15°25	14°36	11° 2	2°44	23°42	22°49	15°18	4° 6	M 4
T 5	13 32 46	25° 1'32	29° 1	18°45	22°39	27°30	14°16	15°29	14°38	11° 3	2°46	23°37	22°46	15°24	4°10	T 5
W 6	13 36 43	26° 0'01	13♑16	20°47	23°51	28°16	14°13	15°33	14°40	11° 4	2°47	23°34	22°43	15°31	4°13	W 6
T 7	13 40 40	26°58'29	27°26	22°52	25° 4	29° 1	14°10	15°37	14°41	11° 5	2°48	23°D34	22°39	15°38	4°17	T 7
F 8	13 44 36	27°56'55	11♒29	24°57	26°17	29°46	14° 7	15°41	14°43	11° 6	2°50	23°34	22°36	15°44	4°20	F 8
S 9	13 48 33	28°55'19	25°25	27° 3	27°29	0♓31	14° 4	15°44	14°44	11° 7	2°51	23°R34	22°33	15°51	4°24	S 9
S 10	13 52 29	29°53'41	9♓14	29°11	28°42	1°17	14° 0	15°48	14°46	11° 7	2°52	23°33	22°30	15°58	4°27	S 10
M11	13 56 26	0♉52'02	22°54	1♉19	29°54	2° 2	13°57	15°51	14°47	11° 8	2°54	23°30	22°27	16° 4	4°31	M11
T 12	14 0 22	1°50'22	6♈25	3°28	1♊ 7	2°47	13°53	15°54	14°49	11° 9	2°55	23°24	22°24	16°11	4°34	T 12
W13	14 4 19	2°48'39	19°45	5°37	2°19	3°32	13°49	15°58	14°50	11°10	2°56	23°16	22°20	16°18	4°37	W13
T 14	14 8 15	3°46'55	2♉52	7°46	3°31	4°17	13°45	16° 1	14°51	11°11	2°58	23° 5	22°17	16°24	4°41	T 14
F 15	14 12 12	4°45'09	15°45	9°55	4°44	5° 3	13°40	16° 4	14°52	11°13	2°59	22°53	22°14	16°31	4°44	F 15
S 16	14 16 9	5°43'22	28°24	12° 4	5°56	5°48	13°36	16° 7	14°54	11°14	3° 0	22°40	22°11	16°38	4°47	S 16
S 17	14 20 5	6°41'32	10♊47	14°12	7° 8	6°33	13°31	16°10	14°55	11°15	3° 1	22°29	22° 8	16°44	4°50	S 17
M18	14 24 2	7°39'41	22°58	16°18	8°20	7°18	13°27	16°13	14°56	11°16	3° 3	22°20	22° 4	16°51	4°54	M18
T 19	14 27 58	8°37'48	4♋57	18°24	9°32	8° 3	13°22	16°16	14°57	11°17	3° 4	22°13	22° 1	16°58	4°57	T 19
W20	14 31 55	9°35'53	16°49	20°28	10°44	8°48	13°17	16°18	14°58	11°18	3° 5	22° 8	21°58	17° 4	5° 0	W20
T 21	14 35 51	10°33'56	28°38	22°30	11°56	9°33	13°11	16°21	14°59	11°20	3° 6	22° 6	21°55	17°11	5° 3	T 21
F 22	14 39 48	11°31'57	10♌28	24°29	13° 8	10°19	13° 6	16°23	15° 0	11°21	3° 8	22°D 6	21°52	17°18	5° 6	F 22
S 23	14 43 44	12°29'56	22°27	26°27	14°20	11° 4	13° 0	16°26	15° 1	11°22	3° 9	22°R 6	21°49	17°24	5° 9	S 23
S 24	14 47 41	13°27'54	4♍38	28°22	15°32	11°49	12°55	16°28	15° 1	11°24	3°10	22° 5	21°45	17°31	5°13	S 24
M25	14 51 38	14°25'49	17° 6	0♎14	16°43	12°34	12°49	16°30	15° 2	11°25	3°11	22° 3	21°42	17°38	5°16	M25
T 26	14 55 34	15°23'43	29°57	2° 3	17°55	13°19	12°43	16°32	15° 3	11°26	3°12	21°59	21°39	17°44	5°19	T 26
W27	14 59 31	16°21'35	13♎13	3°49	19° 6	14° 3	12°37	16°34	15° 3	11°28	3°13	21°52	21°36	17°51	5°22	W27
T 28	15 3 27	17°19'25	26°54	5°32	20°18	14°48	12°31	16°36	15° 4	11°29	3°15	21°43	21°33	17°58	5°25	T 28
F 29	15 7 24	18°17'13	10♏59	7°11	21°29	15°33	12°25	16°38	15° 5	11°31	3°16	21°32	21°30	18° 4	5°27	F 29
S 30	15 11 20	19♉15'01	25♏24	8♊48	22♊41	16♓18	12♐18	16♒40	15♒ 5	11♋32	3♈17	21♒20	21♒26	18♋11	5♈30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n16	16s43	4s43	2n41	1s45	17n33	0n24	14s41	1s22	21s49	0n46	17s 6	0s49	17s 9	0s39	22n18	0s44	14s 0	16s27	13s31	13s53	25n48	3n56	2n35
S 2	8 38	21 33	5 2	3 32	1 38	17 56	0 27	14 26	1 23	21 49	0 46	17 5	0 50	17 8	0 39	22 18	0 44	14 0	16 27	13 34	13 54	25 47	3 58	2 35
S 3	8 59	25 13	5 2	4 25	1 31	18 19	0 29	14 11	1 23	21 49	0 46	17 4	0 50	17 8	0 39	22 18	0 44	13 59	16 28	13 37	13 56	25 46	3 59	2 35
M 4	9 21	27 20	4 44	5 18	1 23	18 41	0 32	13 56	1 24	21 49	0 46	17 3	0 50	17 7	0 39	22 18	0 44	13 59	16 28	13 39	13 57	25 44	4 0	2 35
T 5	9 43	27 38	4 9	6 12	1 15	19 2	0 35	13 42	1 25	21 48	0 46	17 2	0 50	17 7	0 39	22 18	0 44	13 58	16 28	13 41	13 58	25 43	4 2	2 35
W 6	10 4	26 7	3 18	7 6	1 7	19 24	0 38	13 26	1 25	21 48	0 46	17 1	0 50	17 6	0 39	22 18	0 44	13 58	16 28	13 42	13 59	25 41	4 3	2 35
T 7	10 25	22 55	2 15	8 1	0 58	19 44	0 41	13 11	1 26	21 48	0 46	17 0	0 50	17 6	0 40	22 18	0 44	13 58	16 28	13 42	14 0	25 40	4 5	2 35
F 8	10 46	18 24	1 4	8 56	0 49	20 4	0 43	12 56	1 27	21 47	0 46	16 59	0 50	17 5	0 40	22 18	0 44	13 57	16 28	13 42	14 1	25 38	4 6	2 35
S 9	11 7	12 55	0n10	9 51	0 39	20 24	0 46	12 41	1 27	21 47	0 46	16 58	0 51	17 5	0 40	22 18	0 44	13 57	16 28	13 42	14 2	25 37	4 7	2 35
S 10	11 28	6 51	1 22	10 45	0 29	20 43	0 49	12 25	1 28	21 46	0 46	16 57	0 51	17 5	0 40	22 18	0 44	13 56	16 29	13 42	14 3	25 35	4 9	2 35
M11	11 48	0 32	2 29	11 40	0 19	21 1	0 52	12 9	1 29	21 46	0 46	16 56	0 51	17 4	0 40	22 18	0 44	13 56	16 29	13 43	14 4	25 34	4 10	2 35
T 12	12 8	5n43	3 27	12 34	0 8	21 19	0 55	11 54	1 29	21 45	0 46	16 55	0 51	17 4	0 40	22 18	0 44	13 56	16 29	13 45	14 5	25 32	4 11	2 35
W13	12 29	11 38	4 12	13 28	0n 2	21 37	0 57	11 38	1 30	21 45	0 46	16 54	0 51	17 3	0 40	22 18	0 44	13 55	16 29	13 48	14 6	25 31	4 13	2 35
T 14	12 48	16 55	4 43	14 20	0 13	21 53	1 0	11 22	1 31	21 45	0 46	16 53	0 51	17 3	0 40	22 18	0 44	13 55	16 29	13 51	14 7	25 29	4 14	2 35
F 15	13 8	21 22	4 59	15 12	0 24	22 9	1 3	11 6	1 31	21 44	0 46	16 53	0 52	17 3	0 40	22 18	0 44	13 55	16 29	13 55	14 8	25 27	4 15	2 35
S 16	13 28	24 43	5 0	16 2	0 34	22 25	1 5	10 50	1 32	21 43	0 46	16 52	0 52	17 2	0 40	22 17	0 44	13 54	16 30	13 59	14 9	25 26	4 17	2 35
S 17	13 47	26 50	4 46	16 51	0 45	22 40	1 8	10 34	1 33	21 43	0 46	16 51	0 52	17 2	0 40	22 17	0 44	13 54	16 30	14 3	14 10	25 24	4 18	2 35
M18	14 6	27 38	4 20	17 38	0 55	22 54	1 10	10 17	1 33	21 42	0 46	16 51	0 52	17 2	0 40	22 17	0 44	13 54	16 30	14 6	14 11	25 23	4 19	2 35
T 19	14 25	27 6	3 42	18 23	1 5	23 8	1 13	10 1	1 34	21 42	0 46	16 50	0 52	17 2	0 40	22 17	0 44	13 53	16 30	14 8	14 12	25 21	4 21	2 35
W20	14 43	25 20	2 55	19 6	1 15	23 21	1 15	9 45	1 34	21 41	0 46	16 49	0 52	17 1	0 40	22 17	0 44	13 53	16 30	14 10	14 13	25 20	4 22	2 35
T 21	15 2	22 28	2 1	19 47	1 24	23 34	1 18	9 28	1 35	21 41	0 46	16 49	0 53	17 1	0 40	22 17	0 44	13 53	16 31	14 11	14 14	25 18	4 23	2 35
F 22	15 20	18 38	1 1	20 26	1 33	23 45	1 20	9 12	1 36	21 40	0 46	16 48	0 53	17 1	0 40	22 17	0 44	13 53	16 31	14 11	14 15	25 16	4 24	2 35
S 23	15 38	14 2	0s 2	21 2	1 41	23 57	1 23	8 55	1 36	21 39	0 46	16 47	0 53	17 1	0 40	22 17	0 44	13 52	16 31	14 11	14 16	25 15	4 26	2 35
S 24	15 55	8 49	1 6	21 36	1 49	24 7	1 25	8 38	1 37	21 39	0 46	16 47	0 53	17 0	0 40	22 17	0 44	13 52	16 31	14 11	14 17	25 13	4 27	2 35
M25	16 12	3 8	2 8	22 8	1 55	24 17	1 27	8 22	1 37	21 38	0 46	16 46	0 53	17 0	0 40	22 17	0 44	13 52	16 32	14 11	14 18	25 12	4 28	2 35
T 26	16 29	2s50	3 6	22 36	2 2	24 26	1 30	8 5	1 38	21 37	0 46	16 46	0 53	17 0	0 40	22 17	0 44	13 52	16 32	14 13	14 19	25 10	4 29	2 35
W27	16 46	8 51	3 55	23 3	2 7	24 35	1 32	7 48	1 38	21 36	0 46	16 45	0 54	17 0	0 40	22 17	0 44	13 51	16 32	14 15	14 20	25 8	4 30	2 35
T 28	17 3	14 38	4 33	23 26	2 12	24 42	1 34	7 31	1 39	21 36	0 46	16 45	0 54	17 0	0 40	22 17	0 44	13 51	16 32	14 18	14 21	25 7	4 32	2 35
F 29	17 19	19 50	4 55	23 48	2 16	24 49	1 36	7 14	1 40	21 35	0 46	16 45	0 54	17 0	0 40	22 16	0 43	13 51	16 33	14 22	14 22	25 5	4 33	2 35
S 30	17n35	24s 0	5s 0	24n 6	2n19	24n56	1n38	6s57	1s40	21s34	0n46	16s44	0s54	17s 0	0s40	22n16	0s43	13s51	16s33	14s25	14s23	25n 3	4n34	2n35

Julian Day Number = 2298243.5, Delta T = 119.56 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°52'58, Lahiri = 17°59'58 Julian Calendar 1 Apr. 1580 == Greg. Calendar 11 Apr. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

MAY 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 15 17	20♉12'47	10♐ 1	10♊21	23♊52	17♓ 3	12°R12	16♒41	15♒ 6	11♋34	3♈18	21°R 9	21♒23	18♋18	5♈33	S 1
M 2	15 19 13	21°10'31	24°43	11°50	25° 3	17°48	12♐ 5	16°43	15° 6	11°35	3°19	21♒ 0	21°20	18°24	5°36	M 2
T 3	15 23 10	22° 8'15	9♑23	13°16	26°14	18°33	11°58	16°44	15° 6	11°37	3°20	20°54	21°17	18°31	5°39	T 3
W 4	15 27 7	23° 5'57	23°55	14°39	27°25	19°17	11°52	16°46	15° 7	11°38	3°21	20°50	21°14	18°38	5°42	W 4
T 5	15 31 3	24° 3'38	8♒14	15°57	28°36	20° 2	11°45	16°47	15° 7	11°40	3°22	20°48	21°10	18°44	5°44	T 5
F 6	15 35 0	25° 1'18	22°19	17°13	29°47	20°47	11°38	16°48	15° 7	11°42	3°23	20°48	21° 7	18°51	5°47	F 6
S 7	15 38 56	25°58'57	6♓ 9	18°24	0♋58	21°31	11°31	16°49	15° 7	11°43	3°24	20°48	21° 4	18°58	5°50	S 7
S 8	15 42 53	26°56'35	19°45	19°32	2° 9	22°16	11°24	16°50	15° 7	11°45	3°25	20°46	21° 1	19° 4	5°52	S 8
M 9	15 46 49	27°54'12	3♈ 7	20°36	3°20	23° 1	11°17	16°51	15° 8	11°47	3°26	20°43	20°58	19°11	5°55	M 9
T 10	15 50 46	28°51'48	16°17	21°36	4°30	23°45	11° 9	16°52	15°R 8	11°48	3°27	20°37	20°55	19°18	5°57	T 10
W11	15 54 42	29°49'24	29°15	22°32	5°41	24°30	11° 2	16°52	15° 8	11°50	3°28	20°27	20°51	19°24	6° 0	W11
T 12	15 58 39	0♊46'58	12♉ 2	23°24	6°52	25°14	10°55	16°53	15° 7	11°52	3°29	20°16	20°48	19°31	6° 2	T 12
F 13	16 2 36	1°44'31	24°37	24°12	8° 2	25°59	10°47	16°53	15° 7	11°54	3°30	20° 3	20°45	19°38	6° 5	F 13
S 14	16 6 32	2°42'03	7♊ 1	24°56	9°12	26°43	10°40	16°54	15° 7	11°55	3°30	19°50	20°42	19°44	6° 7	S 14
S 15	16 10 29	3°39'34	19°14	25°35	10°23	27°27	10°32	16°54	15° 7	11°57	3°31	19°38	20°39	19°51	6° 9	S 15
M16	16 14 25	4°37'04	1♋17	26°10	11°33	28°12	10°25	16°54	15° 7	11°59	3°32	19°28	20°36	19°58	6°12	M16
T 17	16 18 22	5°34'33	13°12	26°41	12°43	28°56	10°17	16°R54	15° 6	12° 1	3°33	19°20	20°32	20° 4	6°14	T 17
W18	16 22 18	6°32'00	25° 1	27° 8	13°53	29°40	10° 9	16°54	15° 6	12° 3	3°34	19°15	20°29	20°11	6°16	W18
T 19	16 26 15	7°29'27	6♌48	27°30	15° 3	0♈24	10° 2	16°54	15° 6	12° 5	3°34	19°13	20°26	20°18	6°18	T 19
F 20	16 30 11	8°26'52	18°37	27°47	16°13	1° 8	9°54	16°54	15° 5	12° 7	3°35	19°D12	20°23	20°24	6°20	F 20
S 21	16 34 8	9°24'16	0♍34	28° 0	17°22	1°52	9°46	16°54	15° 5	12° 9	3°36	19°12	20°20	20°31	6°22	S 21
S 22	16 38 5	10°21'39	12°44	28° 8	18°32	2°36	9°39	16°53	15° 4	12°11	3°37	19°R13	20°16	20°38	6°25	S 22
M23	16 42 1	11°19'01	25°12	28°R11	19°42	3°20	9°31	16°53	15° 3	12°13	3°37	19°12	20°13	20°44	6°26	M23
T 24	16 45 58	12°16'22	8♎ 2	28°10	20°51	4° 4	9°24	16°52	15° 3	12°14	3°38	19° 9	20°10	20°51	6°28	T 24
W25	16 49 54	13°13'41	21°19	28° 5	22° 0	4°48	9°16	16°51	15° 2	12°16	3°39	19° 4	20° 7	20°58	6°30	W25
T 26	16 53 51	14°11'00	5♏ 4	27°55	23°10	5°31	9° 8	16°51	15° 1	12°18	3°39	18°57	20° 4	21° 4	6°32	T 26
F 27	16 57 47	15° 8'18	19°17	27°41	24°19	6°15	9° 1	16°50	15° 0	12°20	3°40	18°48	20° 1	21°11	6°34	F 27
S 28	17 1 44	16° 5'35	3♐54	27°23	25°28	6°58	8°53	16°49	15° 0	12°23	3°40	18°38	19°57	21°18	6°36	S 28
S 29	17 5 41	17° 2'51	18°48	27° 2	26°37	7°42	8°46	16°48	14°59	12°25	3°41	18°30	19°54	21°24	6°37	S 29
M30	17 9 37	18° 0'07	3♑51	26°37	27°46	8°25	8°38	16°46	14°58	12°27	3°42	18°22	19°51	21°31	6°39	M30
T 31	17 13 34	18♊57'22	18♑53	26♊ 9	28♋54	9♈ 9	8♐31	16♒45	14♒57	12♋29	3♈42	18♒17	19♒48	21♋38	6♈41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n50	26s42	4s44	24n23	2n21	25n 1	1n40	6s40	1s41	21s33	0n46	16s44	0s54	16s59	0s40	22n16	0s43	13s51	16s33	14s29	14s24	25n 2	4n35	2n35	
M 2	18 6	27 34	4 11	24 37	2 23	25 6	1 42	6 23	1 41	21 33	0 45	16 44	0 54	16 59	0 40	22 16	0 43	13 50	16 33	14 32	14 25	25 0	4 36	2 35	
T 3	18 21	26 29	3 20	24 49	2 23	25 11	1 44	6 6	1 42	21 32	0 45	16 43	0 55	16 59	0 40	22 16	0 43	13 50	16 34	14 34	14 26	24 59	4 37	2 35	
W 4	18 35	23 37	2 17	24 58	2 23	25 14	1 46	5 49	1 42	21 31	0 45	16 43	0 55	16 59	0 41	22 16	0 43	13 50	16 34	14 35	14 27	24 57	4 39	2 35	
T 5	18 50	19 19	1 6	25 6	2 22	25 17	1 48	5 32	1 43	21 30	0 45	16 43	0 55	16 59	0 41	22 16	0 43	13 50	16 34	14 36	14 28	24 55	4 40	2 35	
F 6	19 4	13 59	0n 8	25 12	2 20	25 19	1 49	5 14	1 43	21 29	0 45	16 43	0 55	16 59	0 41	22 16	0 43	13 50	16 34	14 36	14 29	24 53	4 41	2 35	
S 7	19 18	8 2	1 20	25 16	2 17	25 21	1 51	4 57	1 44	21 28	0 45	16 43	0 55	16 59	0 41	22 16	0 43	13 50	16 35	14 36	14 31	24 52	4 42	2 36	
S 8	19 31	1 49	2 27	25 17	2 13	25 21	1 53	4 40	1 44	21 27	0 45	16 42	0 55	16 59	0 41	22 15	0 43	13 50	16 35	14 36	14 32	24 50	4 43	2 36	
M 9	19 44	4n21	3 24	25 18	2 8	25 21	1 54	4 23	1 45	21 26	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 35	14 37	14 33	24 48	4 44	2 36	
T 10	19 57	10 15	4 9	25 16	2 3	25 21	1 56	4 6	1 45	21 26	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 36	14 39	14 34	24 47	4 45	2 36	
W11	20 10	15 36	4 41	25 13	1 56	25 19	1 57	3 48	1 45	21 25	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 36	14 42	14 35	24 45	4 46	2 36	
T 12	20 22	20 12	4 57	25 9	1 49	25 17	1 58	3 31	1 46	21 24	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 36	14 46	14 36	24 43	4 47	2 36	
F 13	20 34	23 48	5 0	25 3	1 41	25 14	1 59	3 14	1 46	21 23	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 36	14 50	14 37	24 42	4 48	2 36	
S 14	20 45	26 15	4 47	24 55	1 32	25 11	2 1	2 56	1 47	21 22	0 45	16 42	0 56	16 59	0 41	22 15	0 43	13 49	16 37	14 54	14 38	24 40	4 49	2 36	
S 15	20 56	27 25	4 22	24 47	1 22	25 7	2 2	2 39	1 47	21 21	0 44	16 42	0 57	17 0	0 41	22 15	0 43	13 49	16 37	14 58	14 39	24 38	4 50	2 36	
M16	21 7	27 15	3 45	24 37	1 11	25 2	2 3	2 22	1 47	21 20	0 44	16 42	0 57	17 0	0 41	22 14	0 43	13 49	16 37	15 1	14 40	24 36	4 51	2 36	
T 17	21 17	25 48	2 59	24 27	0 59	24 56	2 3	2 5	1 48	21 19	0 44	16 43	0 57	17 0	0 41	22 14	0 43	13 49	16 38	15 3	14 41	24 35	4 52	2 36	
W18	21 27	23 14	2 5	24 15	0 47	24 50	2 4	1 47	1 48	21 18	0 44	16 43	0 57	17 0	0 41	22 14	0 43	13 49	16 38	15 5	14 42	24 33	4 53	2 36	
T 19	21 37	19 40	1 6	24 2	0 34	24 43	2 5	1 30	1 49	21 17	0 44	16 43	0 57	17 0	0 41	22 14	0 43	13 49	16 38	15 6	14 43	24 31	4 54	2 36	
F 20	21 46	15 20	0 3	23 48	0 20	24 35	2 6	1 13	1 49	21 16	0 44	16 43	0 57	17 0	0 41	22 14	0 43	13 49	16 39	15 6	14 44	24 29	4 55	2 36	
S 21	21 55	10 21	1s 0	23 34	0 5	24 27	2 6	0 56	1 49	21 15	0 44	16 43	0 58	17 0	0 41	22 14	0 43	13 49	16 39	15 6	14 45	24 27	4 56	2 36	
S 22	22 3	4 55	2 2	23 19	0s10	24 18	2 7	0 38	1 50	21 14	0 44	16 44	0 58	17 1	0 41	22 13	0 43	13 49	16 39	15 6	14 46	24 26	4 56	2 36	
M23	22 11	0s50	2 59	23 3	0 26	24 8	2 7	0 21	1 50	21 13	0 44	16 44	0 58	17 1	0 41	22 13	0 43	13 49	16 40	15 6	14 47	24 24	4 57	2 36	
T 24	22 19	6 42	3 50	22 47	0 42	23 58	2 7	0 4	1 50	21 12	0 43	16 44	0 58	17 1	0 41	22 13	0 43	13 49	16 40	15 7	14 48	24 22	4 58	2 36	
W25	22 26	12 29	4 29	22 31	0 58	23 47	2 7	0n13	1 51	21 11	0 43	16 45	0 58	17 1	0 41	22 13	0 43	13 49	16 40	15 9	14 49	24 20	4 59	2 36	
T 26	22 33	17 52	4 55	22 14	1 15	23 36	2 7	0 30	1 51	21 10	0 43	16 45	0 58	17 2	0 41	22 13	0 43	13 49	16 41	15 11	14 50	24 18	5 0	2 37	
F 27	22 40	22 27	5 4	21 56	1 32	23 24	2 7	0 47	1 51	21 9	0 43	16 46	0 59	17 2	0 41	22 13	0 43	13 49	16 41	15 14	14 51	24 17	5 0	2 37	
S 28	22 46	25 47	4 53	21 39	1 49	23 11	2 7	1 4	1 52	21 8	0 43	16 46	0 59	17 2	0 41	22 13	0 43	13 49	16 41	15 16	14 52	24 15	5 1	2 37	
S 29	22 52	27 23	4 23	21 22	2 6	22 58	2 7	1 21	1 52	21 7	0 43	16 47	0 59	17 2	0 41	22 12	0 43	13 49	16 42	15 19	14 53	24 13	5 2	2 37	
M30	22 57	27 0	3 34	21 4	2 23	22 44	2 7	1 38	1 52	21 6	0 43	16 47	0 59	17 3	0 42	22 12	0 43	13 50	16 42	15 22	14 54	24 11	5 3	2 37	
T 31	23n 2	24s39	2s30	20n47	2s39	22n29	2n 6	1n55	1s52	21s 5	0n42	16s48	0s59	17s 3	0s42	22n12	0s43	13s50	16s43	15s23	14s55	24n 9	5n 3	2n37	

Julian Day Number = 2298273.5, Delta T = 119.41 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'02, Lahiri = 18°00'02 Julian Calendar 1 May 1580 == Greg. Calendar 11 May 1580

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1580
geocentric

JUNE 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 17 30	19♊54'37	3♒44	25°R39	0♌ 3	9♈52	8°R23	16°R44	14°R56	12♋31	3♈43	18°R14	19♒45	21♋44	6♈42	W 1
T 2	17 21 27	20°51'52	18°20	25♊ 7	1°11	10°35	8♐16	16♒42	14♒55	12°33	3°43	18°D13	19°42	21°51	6°44	T 2
F 3	17 25 23	21°49'06	2♓36	24°34	2°20	11°19	8° 9	16°41	14°54	12°35	3°44	18♒14	19°38	21°58	6°45	F 3
S 4	17 29 20	22°46'20	16°31	23°59	3°28	12° 2	8° 1	16°39	14°53	12°37	3°44	18°R14	19°35	22° 4	6°47	S 4
S 5	17 33 16	23°43'33	0♈ 5	23°25	4°36	12°45	7°54	16°37	14°51	12°39	3°44	18°14	19°32	22°11	6°48	S 5
M 6	17 37 13	24°40'47	13°20	22°51	5°44	13°28	7°47	16°36	14°50	12°41	3°45	18°13	19°29	22°18	6°49	M 6
T 7	17 41 10	25°38'01	26°18	22°17	6°52	14°11	7°40	16°34	14°49	12°43	3°45	18° 9	19°26	22°24	6°51	T 7
W 8	17 45 6	26°35'14	9♉ 1	21°46	7°59	14°54	7°33	16°32	14°48	12°46	3°46	18° 3	19°22	22°31	6°52	W 8
T 9	17 49 3	27°32'28	21°32	21°16	9° 7	15°36	7°27	16°30	14°46	12°48	3°46	17°55	19°19	22°38	6°53	T 9
F 10	17 52 59	28°29'41	3♊51	20°48	10°14	16°19	7°20	16°27	14°45	12°50	3°46	17°47	19°16	22°44	6°54	F 10
S 11	17 56 56	29°26'54	16° 1	20°24	11°22	17° 1	7°13	16°25	14°43	12°52	3°47	17°38	19°13	22°51	6°55	S 11
S 12	18 0 52	0♋24'07	28° 3	20° 3	12°29	17°44	7° 7	16°23	14°42	12°54	3°47	17°29	19°10	22°58	6°56	S 12
M13	18 4 49	1°21'20	9♋58	19°46	13°36	18°26	7° 0	16°20	14°40	12°57	3°47	17°22	19° 7	23° 4	6°57	M13
T 14	18 8 45	2°18'33	21°48	19°33	14°43	19° 9	6°54	16°18	14°39	12°59	3°47	17°17	19° 3	23°11	6°58	T 14
W15	18 12 42	3°15'46	3♌35	19°25	15°50	19°51	6°48	16°15	14°37	13° 1	3°48	17°14	19° 0	23°18	6°59	W15
T 16	18 16 39	4°12'58	15°22	19°D21	16°56	20°33	6°42	16°13	14°36	13° 3	3°48	17°D13	18°57	23°24	7° 0	T 16
F 17	18 20 35	5°10'10	27°13	19°22	18° 3	21°15	6°36	16°10	14°34	13° 5	3°48	17°13	18°54	23°31	7° 1	F 17
S 18	18 24 32	6° 7'22	9♍11	19°28	19° 9	21°57	6°30	16° 7	14°32	13° 8	3°48	17°15	18°51	23°38	7° 1	S 18
S 19	18 28 28	7° 4'33	21°21	19°38	20°15	22°39	6°24	16° 4	14°31	13°10	3°48	17°16	18°48	23°44	7° 2	S 19
M20	18 32 25	8° 1'44	3♎47	19°54	21°21	23°20	6°19	16° 1	14°29	13°12	3°48	17°R17	18°44	23°51	7° 2	M20
T 21	18 36 21	8°58'55	16°35	20°15	22°26	24° 2	6°13	15°58	14°27	13°14	3°48	17°17	18°41	23°58	7° 3	T 21
W22	18 40 18	9°56'06	29°48	20°41	23°32	24°43	6° 8	15°55	14°25	13°16	3°48	17°15	18°38	24° 4	7° 3	W22
T 23	18 44 14	10°53'17	13♏28	21°12	24°37	25°25	6° 3	15°52	14°24	13°19	3°48	17°12	18°35	24°11	7° 4	T 23
F 24	18 48 11	11°50'28	27°38	21°48	25°42	26° 6	5°58	15°49	14°22	13°21	3°R48	17° 8	18°32	24°18	7° 4	F 24
S 25	18 52 8	12°47'39	12♐14	22°29	26°47	26°47	5°53	15°45	14°20	13°23	3°48	17° 3	18°28	24°24	7° 5	S 25
S 26	18 56 4	13°44'50	27°11	23°15	27°52	27°28	5°48	15°42	14°18	13°25	3°48	16°58	18°25	24°31	7° 5	S 26
M27	19 0 1	14°42'01	12♑21	24° 7	28°56	28° 9	5°44	15°38	14°16	13°28	3°48	16°54	18°22	24°38	7° 5	M27
T 28	19 3 57	15°39'12	27°34	25° 2	0♍ 1	28°50	5°39	15°35	14°14	13°30	3°48	16°52	18°19	24°44	7° 5	T 28
W29	19 7 54	16°36'24	12♒40	26° 3	1° 5	29°31	5°35	15°31	14°12	13°32	3°48	16°D51	18°16	24°51	7° 5	W29
T 30	19 11 50	17♋33'36	27♒32	27♊ 9	2♍ 9	0♉11	5♐31	15♒28	14♒10	13♋34	3♈48	16♒51	18♒13	24♋58	7°R 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 7	20s36	1s17	20n31	2s55	22n14	2n 6	2n12	1s52	21s 4	0n42	16s48	0s59	17s 3	0s42	22n12	0s43	13s50	16s43	15s24	14s56	24n 8	5n 4	2n37
T 2	23 11	15 21	0n 1	20 15	3 10	21 59	2 5	2 28	1 53	21 3	0 42	16 49	1 0	17 4	0 42	22 12	0 43	13 50	16 43	15 24	14 57	24 6	5 5	2 37
F 3	23 15	9 23	1 16	19 59	3 24	21 42	2 4	2 45	1 53	21 2	0 42	16 49	1 0	17 4	0 42	22 11	0 43	13 50	16 44	15 24	14 58	24 4	5 5	2 37
S 4	23 18	3 6	2 26	19 45	3 37	21 26	2 4	3 2	1 53	21 1	0 42	16 50	1 0	17 4	0 42	22 11	0 43	13 50	16 44	15 24	14 59	24 2	5 6	2 37
S 5	23 21	3n10	3 25	19 31	3 49	21 8	2 3	3 18	1 53	21 0	0 42	16 51	1 0	17 5	0 42	22 11	0 43	13 50	16 44	15 24	15 0	24 0	5 7	2 37
M 6	23 23	9 8	4 12	19 19	4 0	20 51	2 2	3 35	1 53	20 59	0 42	16 51	1 0	17 5	0 42	22 11	0 43	13 51	16 45	15 24	15 1	23 58	5 7	2 37
T 7	23 25	14 36	4 45	19 7	4 9	20 32	2 0	3 52	1 54	20 58	0 41	16 52	1 0	17 6	0 42	22 11	0 43	13 51	16 45	15 26	15 2	23 56	5 8	2 37
W 8	23 27	19 19	5 3	18 57	4 17	20 14	1 59	4 8	1 54	20 57	0 41	16 53	1 1	17 6	0 42	22 11	0 43	13 51	16 45	15 27	15 3	23 54	5 8	2 37
T 9	23 28	23 6	5 6	18 49	4 24	19 55	1 58	4 24	1 54	20 56	0 41	16 54	1 1	17 6	0 42	22 10	0 43	13 51	16 46	15 30	15 4	23 53	5 9	2 37
F 10	23 29	25 48	4 55	18 42	4 29	19 35	1 56	4 41	1 54	20 55	0 41	16 55	1 1	17 7	0 42	22 10	0 43	13 51	16 46	15 32	15 5	23 51	5 9	2 38
S 11	23 30	27 14	4 30	18 37	4 33	19 15	1 55	4 57	1 54	20 54	0 41	16 55	1 1	17 7	0 42	22 10	0 42	13 52	16 46	15 35	15 6	23 49	5 10	2 38
S 12	23 30	27 23	3 54	18 33	4 35	18 54	1 53	5 13	1 54	20 53	0 40	16 56	1 1	17 8	0 42	22 10	0 42	13 52	16 47	15 38	15 7	23 47	5 10	2 38
M13	23 29	26 14	3 8	18 31	4 36	18 33	1 51	5 29	1 54	20 52	0 40	16 57	1 1	17 8	0 42	22 10	0 42	13 52	16 47	15 40	15 8	23 45	5 11	2 38
T 14	23 29	23 55	2 13	18 30	4 35	18 12	1 49	5 45	1 54	20 51	0 40	16 58	1 2	17 9	0 42	22 9	0 42	13 52	16 48	15 41	15 9	23 43	5 11	2 38
W15	23 27	20 35	1 13	18 32	4 33	17 50	1 47	6 1	1 55	20 50	0 40	16 59	1 2	17 9	0 42	22 9	0 42	13 53	16 48	15 42	15 10	23 41	5 12	2 38
T 16	23 26	16 25	0 10	18 35	4 30	17 28	1 45	6 16	1 55	20 50	0 40	17 0	1 2	17 10	0 42	22 9	0 42	13 53	16 48	15 43	15 11	23 39	5 12	2 38
F 17	23 24	11 37	0s54	18 39	4 26	17 5	1 42	6 32	1 55	20 49	0 40	17 1	1 2	17 10	0 42	22 9	0 42	13 53	16 49	15 43	15 12	23 37	5 12	2 38
S 18	23 21	6 21	1 57	18 45	4 20	16 42	1 40	6 48	1 55	20 48	0 39	17 2	1 2	17 11	0 42	22 9	0 42	13 53	16 49	15 42	15 13	23 35	5 13	2 38
S 19	23 18	0 46	2 55	18 53	4 13	16 19	1 37	7 3	1 55	20 47	0 39	17 3	1 2	17 11	0 42	22 8	0 42	13 54	16 49	15 42	15 14	23 33	5 13	2 38
M20	23 15	4s58	3 46	19 2	4 6	15 55	1 35	7 19	1 55	20 46	0 39	17 4	1 3	17 12	0 42	22 8	0 42	13 54	16 50	15 41	15 15	23 31	5 13	2 38
T 21	23 11	10 39	4 28	19 12	3 57	15 31	1 32	7 34	1 55	20 46	0 39	17 5	1 3	17 12	0 42	22 8	0 42	13 54	16 50	15 41	15 16	23 29	5 14	2 38
W22	23 7	16 3	4 57	19 23	3 48	15 7	1 29	7 49	1 55	20 45	0 39	17 6	1 3	17 13	0 42	22 8	0 42	13 55	16 51	15 42	15 17	23 27	5 14	2 38
T 23	23 3	20 51	5 11	19 35	3 37	14 42	1 26	8 4	1 55	20 44	0 38	17 7	1 3	17 14	0 42	22 8	0 42	13 55	16 51	15 43	15 18	23 25	5 14	2 39
F 24	22 58	24 39	5 7	19 48	3 27	14 17	1 23	8 19	1 55	20 44	0 38	17 8	1 3	17 14	0 42	22 7	0 42	13 55	16 51	15 44	15 19	23 23	5 14	2 39
S 25	22 53	26 59	4 42	20 2	3 15	13 52	1 20	8 34	1 55	20 43	0 38	17 9	1 3	17 15	0 42	22 7	0 42	13 56	16 52	15 46	15 20	23 21	5 15	2 39
S 26	22 47	27 27	3 59	20 17	3 3	13 26	1 16	8 49	1 54	20 42	0 38	17 11	1 3	17 15	0 42	22 7	0 42	13 56	16 52	15 47	15 21	23 19	5 15	2 39
M27	22 41	25 52	2 58	20 31	2 51	13 0	1 13	9 4	1 54	20 42	0 38	17 12	1 4	17 16	0 42	22 7	0 42	13 56	16 52	15 48	15 21	23 17	5 15	2 39
T 28	22 34	22 24	1 44	20 47	2 38	12 34	1 9	9 18	1 54	20 41	0 37	17 13	1 4	17 16	0 42	22 6	0 42	13 57	16 53	15 49	15 22	23 15	5 15	2 39
W29	22 28	17 25	0 23	21 2	2 24	12 8	1 5	9 33	1 54	20 41	0 37	17 14	1 4	17 17	0 42	22 6	0 42	13 57	16 53	15 49	15 23	23 13	5 15	2 39
T 30	22n20	11s27	0n58	21n17	2s11	11n42	1n 2	9n47	1s54	20s40	0n37	17s15	1s 4	17s18	0s42	22n 6	0s42	13s57	16s54	15s49	15s24	23n11	5n15	2n39

Julian Day Number = 2298304.5, Delta T = 119.26 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'06, Lahiri = 18°00'07 Julian Calendar 1 June 1580 == Greg. Calendar 11 June 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

JULY 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 15 47	18♋30'49	12♓ 2	28♊19	3♍12	0♉52	5°R27	15°R24	14°R 8	13♋37	3°R48	16♒52	18♒ 9	25♋ 4	7°R 5	F 1
S 2	19 19 44	19°28'02	26° 8	29°34	4°16	1°32	5♐23	15♒20	14♒ 6	13°39	3♈48	16°54	18° 6	25°11	7♈ 5	S 2
S 3	19 23 40	20°25'16	9♈49	0♋53	5°19	2°12	5°20	15°17	14° 4	13°41	3°47	16°55	18° 3	25°18	7° 5	S 3
M 4	19 27 37	21°22'31	23° 5	2°17	6°21	2°52	5°16	15°13	14° 1	13°43	3°47	16°R55	18° 0	25°24	7° 5	M 4
T 5	19 31 33	22°19'47	6♉ 0	3°45	7°24	3°32	5°13	15° 9	13°59	13°45	3°47	16°54	17°57	25°31	7° 5	T 5
W 6	19 35 30	23°17'03	18°37	5°18	8°26	4°12	5°10	15° 5	13°57	13°48	3°47	16°53	17°54	25°38	7° 5	W 6
T 7	19 39 26	24°14'21	0♊58	6°54	9°28	4°52	5° 7	15° 1	13°55	13°50	3°47	16°50	17°50	25°44	7° 4	T 7
F 8	19 43 23	25°11'39	13° 7	8°34	10°30	5°31	5° 4	14°57	13°53	13°52	3°46	16°47	17°47	25°51	7° 4	F 8
S 9	19 47 19	26° 8'58	25° 7	10°18	11°32	6°10	5° 2	14°53	13°50	13°54	3°46	16°43	17°44	25°57	7° 3	S 9
S 10	19 51 16	27° 6'19	7♋ 1	12° 5	12°33	6°50	4°59	14°49	13°48	13°56	3°46	16°40	17°41	26° 4	7° 3	S 10
M11	19 55 13	28° 3'39	18°50	13°56	13°34	7°29	4°57	14°44	13°46	13°59	3°45	16°38	17°38	26°11	7° 2	M11
T 12	19 59 9	29° 1'01	0♌38	15°49	14°34	8° 8	4°55	14°40	13°44	14° 1	3°45	16°36	17°34	26°17	7° 2	T 12
W13	20 3 6	29°58'23	12°26	17°45	15°35	8°46	4°53	14°36	13°41	14° 3	3°44	16°D35	17°31	26°24	7° 1	W13
T 14	20 7 2	0♌55'46	24°16	19°44	16°35	9°25	4°52	14°32	13°39	14° 5	3°44	16°35	17°28	26°31	7° 0	T 14
F 15	20 10 59	1°53'10	6♍12	21°44	17°34	10° 4	4°50	14°27	13°37	14° 7	3°44	16°36	17°25	26°37	7° 0	F 15
S 16	20 14 55	2°50'34	18°16	23°46	18°33	10°42	4°49	14°23	13°34	14° 9	3°43	16°37	17°22	26°44	6°59	S 16
S 17	20 18 52	3°47'59	0♎31	25°49	19°32	11°20	4°48	14°19	13°32	14°11	3°43	16°39	17°19	26°51	6°58	S 17
M18	20 22 48	4°45'25	13° 0	27°53	20°31	11°58	4°47	14°14	13°30	14°14	3°42	16°40	17°15	26°57	6°57	M18
T 19	20 26 45	5°42'52	25°48	29°57	21°29	12°36	4°46	14°10	13°27	14°16	3°42	16°40	17°12	27° 4	6°56	T 19
W20	20 30 42	6°40'19	8♏58	2♌ 2	22°26	13°13	4°46	14° 5	13°25	14°18	3°41	16°R40	17° 9	27°11	6°55	W20
T 21	20 34 38	7°37'47	22°32	4° 7	23°24	13°51	4°45	14° 1	13°23	14°20	3°40	16°40	17° 6	27°17	6°54	T 21
F 22	20 38 35	8°35'16	6♐31	6°12	24°20	14°28	4°D45	13°57	13°20	14°22	3°40	16°39	17° 3	27°24	6°53	F 22
S 23	20 42 31	9°32'45	20°55	8°16	25°17	15° 5	4°45	13°52	13°18	14°24	3°39	16°39	17° 0	27°31	6°52	S 23
S 24	20 46 28	10°30'16	5♑41	10°19	26°13	15°42	4°45	13°48	13°16	14°26	3°39	16°38	16°56	27°37	6°51	S 24
M25	20 50 24	11°27'47	20°42	12°22	27° 8	16°18	4°46	13°43	13°13	14°28	3°38	16°37	16°53	27°44	6°49	M25
T 26	20 54 21	12°25'20	5♒52	14°23	28° 3	16°55	4°46	13°39	13°11	14°30	3°37	16°37	16°50	27°51	6°48	T 26
W27	20 58 17	13°22'53	21° 0	16°24	28°57	17°31	4°47	13°34	13° 8	14°32	3°37	16°D37	16°47	27°57	6°47	W27
T 28	21 2 14	14°20'28	5♓58	18°23	29°51	18° 7	4°48	13°30	13° 6	14°34	3°36	16°37	16°44	28° 4	6°45	T 28
F 29	21 6 11	15°18'04	20°38	20°21	0♎44	18°43	4°49	13°25	13° 4	14°36	3°35	16°37	16°40	28°11	6°44	F 29
S 30	21 10 7	16°15'41	4♈55	22°18	1°37	19°19	4°51	13°21	13° 1	14°38	3°35	16°R37	16°37	28°17	6°42	S 30
S 31	21 14 4	17♌13'20	18♈45	24♌13	2♎29	19♉54	4♐52	13♒16	12♒59	14♋40	3♈34	16♒37	16♒34	28♋24	6♈41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n13	5s 0	2n14	21n32	1s57	11n15	0n58	10n 1	1s54	20s40	0n37	17s17	1s 4	17s18	0s42	22n 6	0s42	13s58	16s54	15s49	15s25	23n 9	5n15	2n39
S 2	22 5	1n30	3 19	21 46	1 44	10 48	0 54	10 15	1 54	20 39	0 37	17 18	1 4	17 19	0 42	22 6	0 42	13 58	16 54	15 49	15 26	23 7	5 15	2 39
S 3	21 56	7 44	4 11	22 0	1 30	10 21	0 49	10 29	1 54	20 39	0 36	17 19	1 4	17 20	0 42	22 5	0 42	13 59	16 55	15 48	15 27	23 5	5 15	2 39
M 4	21 48	13 27	4 48	22 13	1 16	9 54	0 45	10 43	1 53	20 38	0 36	17 20	1 4	17 20	0 42	22 5	0 42	13 59	16 55	15 48	15 28	23 3	5 15	2 39
T 5	21 38	18 24	5 9	22 24	1 2	9 26	0 41	10 57	1 53	20 38	0 36	17 22	1 5	17 21	0 42	22 5	0 42	13 59	16 55	15 48	15 29	23 1	5 15	2 39
W 6	21 29	22 26	5 14	22 35	0 49	8 59	0 36	11 10	1 53	20 38	0 36	17 23	1 5	17 21	0 43	22 5	0 42	14 0	16 56	15 49	15 30	22 59	5 15	2 40
T 7	21 19	25 22	5 5	22 44	0 35	8 31	0 31	11 24	1 53	20 37	0 36	17 24	1 5	17 22	0 43	22 5	0 42	14 0	16 56	15 50	15 31	22 57	5 15	2 40
F 8	21 9	27 5	4 42	22 51	0 22	8 3	0 26	11 37	1 53	20 37	0 35	17 26	1 5	17 23	0 43	22 4	0 42	14 1	16 56	15 51	15 32	22 55	5 15	2 40
S 9	20 58	27 31	4 7	22 56	0 9	7 35	0 21	11 51	1 52	20 37	0 35	17 27	1 5	17 23	0 43	22 4	0 42	14 1	16 57	15 52	15 33	22 53	5 15	2 40
S 10	20 47	26 40	3 21	23 0	0n 3	7 7	0 16	12 4	1 52	20 36	0 35	17 28	1 5	17 24	0 43	22 4	0 42	14 2	16 57	15 53	15 34	22 51	5 15	2 40
M11	20 36	24 36	2 27	23 1	0 15	6 39	0 11	12 17	1 52	20 36	0 35	17 30	1 5	17 25	0 43	22 4	0 42	14 2	16 57	15 53	15 35	22 49	5 15	2 40
T 12	20 24	21 29	1 27	22 59	0 26	6 11	0 6	12 29	1 52	20 36	0 34	17 31	1 5	17 25	0 43	22 3	0 42	14 3	16 58	15 54	15 36	22 47	5 15	2 40
W13	20 12	17 29	0 23	22 55	0 37	5 42	0 0	12 42	1 51	20 36	0 34	17 32	1 6	17 26	0 43	22 3	0 42	14 3	16 58	15 54	15 37	22 45	5 14	2 40
T 14	20 0	12 48	0s42	22 49	0 47	5 14	0s 5	12 55	1 51	20 36	0 34	17 34	1 6	17 27	0 43	22 3	0 42	14 3	16 58	15 54	15 38	22 43	5 14	2 40
F 15	19 47	7 36	1 47	22 40	0 56	4 45	0 11	13 7	1 51	20 36	0 34	17 35	1 6	17 27	0 43	22 3	0 42	14 4	16 59	15 54	15 39	22 41	5 14	2 40
S 16	19 34	2 6	2 47	22 28	1 5	4 17	0 17	13 19	1 50	20 36	0 34	17 36	1 6	17 28	0 43	22 3	0 42	14 4	16 59	15 53	15 40	22 38	5 14	2 40
S 17	19 21	3s34	3 40	22 13	1 12	3 48	0 22	13 31	1 50	20 36	0 33	17 38	1 6	17 29	0 43	22 2	0 42	14 5	16 59	15 53	15 41	22 36	5 13	2 40
M18	19 7	9 12	4 24	21 56	1 19	3 20	0 28	13 43	1 50	20 36	0 33	17 39	1 6	17 30	0 43	22 2	0 42	14 5	17 0	15 53	15 42	22 34	5 13	2 40
T 19	18 53	14 36	4 57	21 36	1 25	2 51	0 35	13 55	1 49	20 36	0 33	17 40	1 6	17 30	0 43	22 2	0 42	14 6	17 0	15 53	15 43	22 32	5 13	2 40
W20	18 39	19 29	5 14	21 14	1 31	2 23	0 41	14 7	1 49	20 36	0 33	17 42	1 6	17 31	0 43	22 2	0 42	14 6	17 0	15 53	15 44	22 30	5 12	2 41
T 21	18 24	23 32	5 16	20 49	1 35	1 54	0 47	14 18	1 48	20 36	0 33	17 43	1 6	17 32	0 43	22 1	0 42	14 7	17 1	15 53	15 45	22 28	5 12	2 41
F 22	18 9	26 21	4 59	20 22	1 39	1 26	0 54	14 30	1 48	20 36	0 32	17 45	1 7	17 32	0 43	22 1	0 42	14 7	17 1	15 53	15 46	22 26	5 12	2 41
S 23	17 54	27 33	4 22	19 53	1 42	0 58	1 0	14 41	1 47	20 37	0 32	17 46	1 7	17 33	0 43	22 1	0 42	14 8	17 1	15 53	15 47	22 24	5 11	2 41
S 24	17 39	26 51	3 28	19 22	1 44	0 29	1 7	14 52	1 47	20 37	0 32	17 47	1 7	17 34	0 43	22 1	0 42	14 9	17 2	15 53	15 48	22 21	5 11	2 41
M25	17 23	24 11	2 19	18 49	1 45	0 1	1 14	15 3	1 47	20 37	0 32	17 49	1 7	17 34	0 43	22 1	0 42	14 9	17 2	15 53	15 49	22 19	5 10	2 41
T 26	17 7	19 49	0 59	18 15	1 46	0s27	1 21	15 14	1 46	20 37	0 32	17 50	1 7	17 35	0 43	22 0	0 42	14 10	17 2	15 54	15 50	22 17	5 10	2 41
W27	16 51	14 9	0n24	17 39	1 46	0 55	1 28	15 25	1 45	20 38	0 31	17 51	1 7	17 36	0 43	22 0	0 42	14 10	17 3	15 54	15 51	22 15	5 9	2 41
T 28	16 34	7 42	1 46	17 2	1 45	1 23	1 35	15 35	1 45	20 38	0 31	17 53	1 7	17 36	0 43	22 0	0 42	14 11	17 3	15 54	15 52	22 13	5 9	2 41
F 29	16 17	0 59	2 58	16 23	1 44	1 51	1 42	15 46	1 44	20 39	0 31	17 54	1 7	17 37	0 43	22 0	0 42	14 11	17 3	15 53	15 53	22 11	5 8	2 41
S 30	16 0	5n35	3 57	15 44	1 42	2 19	1 49	15 56	1 44	20 39	0 31	17 56	1 7	17 38	0 43	21 59	0 42	14 12	17 3	15 53	15 53	22 8	5 8	2 41
S 31	15n43	11n41	4n41	15n 3	1n40	2s47	1s57	16n 6	1s43	20s39	0n31	17s57	1s 7	17s38	0s43	21n59	0s42	14s12	17s 4	15s53	15s54	22n 6	5n 7	2n41

Julian Day Number = 2298334.5, Delta T = 119.12 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'10, Lahiri = 18°00'11 Julian Calendar 1 July 1580 == Greg. Calendar 11 July 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

AUGUST 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 18 0	18♌11'01	2♉ 8	26♌ 7	3♎20	20♉29	4♐54	13°R12	12°R56	14♋42	3°R33	16°R37	16♒31	28♋31	6°R39	M 1
T 2	21 21 57	19° 8'43	15° 6	27°59	4°11	21° 4	4°56	13♒ 7	12♒54	14°44	3♈32	16°D37	16°28	28°37	6♈37	T 2
W 3	21 25 53	20° 6'27	27°42	29°51	5° 1	21°39	4°58	13° 3	12°52	14°46	3°32	16♒37	16°25	28°44	6°36	W 3
T 4	21 29 50	21° 4'13	10♊ 1	1♍40	5°50	22°14	5° 0	12°59	12°49	14°48	3°31	16°37	16°21	28°50	6°34	T 4
F 5	21 33 46	22° 2'00	22° 5	3°29	6°39	22°48	5° 2	12°54	12°47	14°50	3°30	16°38	16°18	28°57	6°32	F 5
S 6	21 37 43	22°59'49	4♋ 0	5°16	7°27	23°22	5° 5	12°50	12°45	14°51	3°29	16°39	16°15	29° 4	6°30	S 6
S 7	21 41 40	23°57'40	15°49	7° 1	8°14	23°56	5° 8	12°45	12°42	14°53	3°28	16°39	16°12	29°10	6°29	S 7
M 8	21 45 36	24°55'32	27°37	8°46	9° 1	24°30	5°11	12°41	12°40	14°55	3°27	16°40	16° 9	29°17	6°27	M 8
T 9	21 49 33	25°53'26	9♌25	10°29	9°46	25° 3	5°14	12°37	12°38	14°57	3°27	16°40	16° 6	29°24	6°25	T 9
W10	21 53 29	26°51'21	21°17	12°10	10°31	25°36	5°17	12°32	12°35	14°59	3°26	16°R40	16° 2	29°30	6°23	W10
T 11	21 57 26	27°49'18	3♍15	13°50	11°15	26° 9	5°20	12°28	12°33	15° 0	3°25	16°40	15°59	29°37	6°21	T 11
F 12	22 1 22	28°47'16	15°21	15°29	11°58	26°41	5°24	12°24	12°31	15° 2	3°24	16°39	15°56	29°44	6°19	F 12
S 13	22 5 19	29°45'16	27°37	17° 7	12°39	27°14	5°28	12°20	12°28	15° 4	3°23	16°37	15°53	29°50	6°17	S 13
S 14	22 9 15	0♍43'18	10♎ 5	18°43	13°20	27°45	5°32	12°16	12°26	15° 5	3°22	16°35	15°50	29°57	6°14	S 14
M15	22 13 12	1°41'21	22°45	20°18	14° 0	28°17	5°36	12°11	12°24	15° 7	3°21	16°33	15°46	0♌ 4	6°12	M15
T 16	22 17 9	2°39'25	5♏41	21°52	14°39	28°48	5°40	12° 7	12°22	15° 9	3°20	16°31	15°43	0°10	6°10	T 16
W17	22 21 5	3°37'31	18°53	23°25	15°17	29°19	5°45	12° 3	12°20	15°10	3°19	16°30	15°40	0°17	6° 8	W17
T 18	22 25 2	4°35'38	2♐24	24°56	15°53	29°50	5°49	11°59	12°17	15°12	3°18	16°D30	15°37	0°24	6° 5	T 18
F 19	22 28 58	5°33'47	16°14	26°26	16°28	0♊21	5°54	11°55	12°15	15°14	3°17	16°30	15°34	0°30	6° 3	F 19
S 20	22 32 55	6°31'57	0♑23	27°55	17° 2	0°51	5°59	11°52	12°13	15°15	3°16	16°31	15°31	0°37	6° 1	S 20
S 21	22 36 51	7°30'09	14°51	29°22	17°35	1°21	6° 4	11°48	12°11	15°17	3°15	16°32	15°27	0°44	5°58	S 21
M22	22 40 48	8°28'22	29°33	0♎48	18° 6	1°50	6°10	11°44	12° 9	15°18	3°14	16°33	15°24	0°50	5°56	M22
T 23	22 44 44	9°26'37	14♒25	2°13	18°36	2°19	6°15	11°40	12° 7	15°20	3°13	16°R34	15°21	0°57	5°54	T 23
W24	22 48 41	10°24'53	29°20	3°36	19° 4	2°48	6°21	11°37	12° 5	15°21	3°12	16°34	15°18	1° 4	5°51	W24
T 25	22 52 38	11°23'11	14♓10	4°58	19°30	3°16	6°26	11°33	12° 3	15°23	3°11	16°32	15°15	1°10	5°49	T 25
F 26	22 56 34	12°21'31	28°47	6°19	19°55	3°45	6°32	11°30	12° 1	15°24	3°10	16°29	15°12	1°17	5°46	F 26
S 27	23 0 31	13°19'53	13♈ 5	7°38	20°19	4°12	6°38	11°26	11°59	15°25	3° 8	16°25	15° 8	1°23	5°44	S 27
S 28	23 4 27	14°18'17	27° 0	8°56	20°40	4°40	6°45	11°23	11°57	15°27	3° 7	16°21	15° 5	1°30	5°41	S 28
M29	23 8 24	15°16'42	10♉29	10°12	21° 0	5° 7	6°51	11°19	11°55	15°28	3° 6	16°17	15° 2	1°37	5°39	M29
T 30	23 12 20	16°15'11	23°31	11°27	21°18	5°33	6°58	11°16	11°53	15°29	3° 5	16°14	14°59	1°43	5°36	T 30
W31	23 16 17	17♍13'41	6♊11	12♎40	21♎34	5♊59	7♐ 4	11♒13	11♒52	15♋31	3♈ 4	16♒12	14♒56	1♌50	5♈33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n25	17n 3	5n 8	14n22	1n37	3s14	2s 5	16n16	1s43	20s40	0n30	17s58	1s 7	17s39	0s43	21n59	0s42	14s13	17s 4	15s53	15s55	22n 4	5n 7	2n41
T 2	15 7	21 27	5 18	13 40	1 34	3 41	2 12	16 26	1 42	20 41	0 30	18 0	1 7	17 40	0 43	21 59	0 42	14 13	17 4	15 54	15 56	22 2	5 6	2 41
W 3	14 49	24 45	5 12	12 57	1 30	4 8	2 20	16 35	1 41	20 41	0 30	18 1	1 7	17 40	0 43	21 59	0 42	14 14	17 5	15 54	15 57	22 0	5 5	2 41
T 4	14 30	26 49	4 52	12 14	1 26	4 35	2 28	16 45	1 41	20 42	0 30	18 2	1 8	17 41	0 43	21 58	0 42	14 14	17 5	15 53	15 58	21 58	5 5	2 41
F 5	14 12	27 34	4 19	11 31	1 21	5 2	2 36	16 54	1 40	20 42	0 29	18 4	1 8	17 42	0 43	21 58	0 42	14 15	17 5	15 53	15 59	21 55	5 4	2 41
S 6	13 53	27 1	3 35	10 47	1 16	5 28	2 44	17 3	1 39	20 43	0 29	18 5	1 8	17 43	0 43	21 58	0 42	14 16	17 5	15 53	16 0	21 53	5 3	2 41
S 7	13 34	25 15	2 43	10 3	1 11	5 54	2 52	17 12	1 39	20 44	0 29	18 6	1 8	17 43	0 43	21 58	0 42	14 16	17 6	15 53	16 1	21 51	5 3	2 41
M 8	13 15	22 23	1 44	9 18	1 5	6 20	3 0	17 21	1 38	20 44	0 29	18 8	1 8	17 44	0 43	21 58	0 42	14 17	17 6	15 53	16 2	21 49	5 2	2 41
T 9	12 55	18 35	0 40	8 34	0 59	6 46	3 9	17 30	1 37	20 45	0 29	18 9	1 8	17 44	0 43	21 57	0 42	14 17	17 6	15 53	16 3	21 46	5 1	2 41
W10	12 35	14 2	0s26	7 49	0 53	7 11	3 17	17 38	1 37	20 46	0 28	18 10	1 8	17 45	0 43	21 57	0 42	14 18	17 6	15 53	16 4	21 44	5 1	2 41
T 11	12 15	8 56	1 31	7 5	0 46	7 36	3 25	17 47	1 36	20 47	0 28	18 11	1 8	17 46	0 43	21 57	0 42	14 18	17 7	15 53	16 5	21 42	5 0	2 41
F 12	11 55	3 27	2 32	6 20	0 39	8 1	3 34	17 55	1 35	20 48	0 28	18 13	1 8	17 46	0 43	21 57	0 42	14 19	17 7	15 53	16 6	21 40	4 59	2 42
S 13	11 35	2s14	3 28	5 36	0 32	8 26	3 43	18 3	1 34	20 48	0 28	18 14	1 8	17 47	0 43	21 57	0 42	14 20	17 7	15 53	16 7	21 38	4 58	2 42
S 14	11 15	7 54	4 14	4 51	0 25	8 50	3 51	18 11	1 33	20 49	0 28	18 15	1 8	17 48	0 43	21 56	0 42	14 20	17 7	15 54	16 8	21 35	4 57	2 42
M15	10 54	13 20	4 49	4 7	0 18	9 13	4 0	18 19	1 33	20 50	0 28	18 16	1 8	17 48	0 43	21 56	0 42	14 21	17 7	15 55	16 9	21 33	4 56	2 42
T 16	10 33	18 19	5 10	3 23	0 10	9 37	4 9	18 27	1 32	20 51	0 27	18 17	1 8	17 49	0 43	21 56	0 42	14 21	17 8	15 55	16 10	21 31	4 56	2 42
W17	10 12	22 32	5 16	2 40	0 3	9 59	4 18	18 34	1 31	20 52	0 27	18 19	1 8	17 49	0 43	21 56	0 42	14 22	17 8	15 56	16 11	21 28	4 55	2 42
T 18	9 51	25 39	5 4	1 56	0s 5	10 22	4 27	18 42	1 30	20 53	0 27	18 20	1 8	17 50	0 43	21 56	0 42	14 22	17 8	15 56	16 12	21 26	4 54	2 42
F 19	9 30	27 20	4 35	1 13	0 13	10 44	4 36	18 49	1 29	20 54	0 27	18 21	1 8	17 51	0 43	21 55	0 42	14 23	17 8	15 56	16 12	21 24	4 53	2 42
S 20	9 8	27 18	3 48	0 31	0 21	11 5	4 45	18 56	1 28	20 55	0 27	18 22	1 8	17 51	0 43	21 55	0 42	14 24	17 8	15 55	16 13	21 22	4 52	2 42
S 21	8 46	25 25	2 46	0s12	0 29	11 26	4 54	19 3	1 27	20 56	0 26	18 23	1 8	17 52	0 43	21 55	0 42	14 24	17 8	15 55	16 14	21 19	4 51	2 42
M22	8 25	21 48	1 33	0 54	0 38	11 46	5 3	19 10	1 26	20 57	0 26	18 24	1 8	17 52	0 43	21 55	0 42	14 25	17 9	15 55	16 15	21 17	4 50	2 42
T 23	8 3	16 44	0 12	1 35	0 46	12 6	5 12	19 17	1 25	20 59	0 26	18 25	1 8	17 53	0 43	21 55	0 42	14 25	17 9	15 55	16 16	21 15	4 49	2 42
W24	7 41	10 39	1n10	2 16	0 54	12 25	5 21	19 24	1 24	21 0	0 26	18 26	1 8	17 54	0 43	21 55	0 42	14 26	17 9	15 55	16 17	21 12	4 48	2 42
T 25	7 19	4 0	2 26	2 56	1 2	12 44	5 30	19 30	1 23	21 1	0 26	18 27	1 8	17 54	0 43	21 54	0 42	14 26	17 9	15 55	16 18	21 10	4 47	2 42
F 26	6 56	2n45	3 32	3 36	1 11	13 2	5 39	19 36	1 22	21 2	0 25	18 28	1 8	17 55	0 43	21 54	0 42	14 27	17 9	15 56	16 19	21 8	4 46	2 42
S 27	6 34	9 12	4 22	4 15	1 19	13 19	5 48	19 43	1 21	21 3	0 25	18 29	1 8	17 55	0 43	21 54	0 42	14 27	17 9	15 57	16 20	21 6	4 45	2 42
S 28	6 12	15 1	4 56	4 53	1 27	13 36	5 57	19 49	1 20	21 4	0 25	18 30	1 8	17 56	0 43	21 54	0 42	14 28	17 10	15 58	16 21	21 3	4 44	2 42
M29	5 49	19 56	5 12	5 31	1 36	13 51	6 6	19 55	1 19	21 6	0 25	18 31	1 8	17 56	0 43	21 54	0 42	14 29	17 10	15 59	16 22	21 1	4 43	2 42
T 30	5 26	23 43	5 11	6 8	1 44	14 6	6 14	20 1	1 17	21 7	0 25	18 32	1 8	17 57	0 42	21 54	0 42	14 29	17 10	16 0	16 23	20 59	4 42	2 42
W31	5n 3	26n14	4n55	6s44	1s52	14s20	6s23	20n 6	1s16	21s 8	0n25	18s33	1s 8	17s57	0s42	21n53	0s42	14s30	17s10	16s 1	16s24	20n56	4n41	2n41

Julian Day Number = 2298365.5, Delta T = 118.97 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'15, Lahiri = 18°00'15 Julian Calendar 1 Aug. 1580 == Greg. Calendar 11 Aug. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

SEPTEMBER 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 20 13	18♍12'14	18♊30	13♎51	21♎49	6♊25	7♐11	11°R10	11°R50	15♋32	3°R 3	16°D12	14♒52	1♌57	5°R31	T 1
F 2	23 24 10	19°10'48	0♋34	15° 0	22° 1	6°51	7°18	11♒ 7	11♒48	15°33	3♈ 2	16♒12	14°49	2° 3	5♈28	F 2
S 3	23 28 7	20° 9'25	12°28	16° 8	22°11	7°15	7°25	11° 4	11°46	15°34	3° 1	16°14	14°46	2°10	5°25	S 3
S 4	23 32 3	21° 8'05	24°16	17°13	22°19	7°40	7°32	11° 1	11°45	15°35	2°59	16°16	14°43	2°17	5°23	S 4
M 5	23 36 0	22° 6'46	6♌ 4	18°16	22°24	8° 4	7°40	10°58	11°43	15°36	2°58	16°17	14°40	2°23	5°20	M 5
T 6	23 39 56	23° 5'29	17°55	19°17	22°28	8°28	7°47	10°55	11°41	15°38	2°57	16°R18	14°37	2°30	5°17	T 6
W 7	23 43 53	24° 4'15	29°53	20°15	22°R29	8°51	7°55	10°53	11°40	15°39	2°56	16°17	14°33	2°37	5°14	W 7
T 8	23 47 49	25° 3'03	12♍ 1	21°11	22°28	9°13	8° 3	10°50	11°38	15°40	2°55	16°14	14°30	2°43	5°12	T 8
F 9	23 51 46	26° 1'52	24°21	22° 3	22°25	9°36	8°11	10°48	11°37	15°41	2°54	16° 9	14°27	2°50	5° 9	F 9
S 10	23 55 42	27° 0'44	6♎54	22°52	22°19	9°57	8°19	10°45	11°35	15°42	2°53	16° 3	14°24	2°57	5° 6	S 10
S 11	23 59 39	27°59'38	19°41	23°38	22°11	10°18	8°27	10°43	11°34	15°43	2°51	15°55	14°21	3° 3	5° 3	S 11
M12	0 3 35	28°58'33	2♏40	24°20	22° 0	10°39	8°35	10°41	11°33	15°43	2°50	15°48	14°17	3°10	5° 0	M12
T 13	0 7 32	29°57'31	15°53	24°58	21°47	10°59	8°44	10°38	11°31	15°44	2°49	15°41	14°14	3°16	4°58	T 13
W14	0 11 29	0♎56'30	29°18	25°32	21°32	11°18	8°52	10°36	11°30	15°45	2°48	15°35	14°11	3°23	4°55	W14
T 15	0 15 25	1°55'32	12♐56	26° 1	21°14	11°37	9° 1	10°34	11°29	15°46	2°47	15°32	14° 8	3°30	4°52	T 15
F 16	0 19 22	2°54'35	26°45	26°24	20°54	11°56	9°10	10°32	11°27	15°47	2°45	15°D30	14° 5	3°36	4°49	F 16
S 17	0 23 18	3°53'40	10♑45	26°42	20°32	12°14	9°19	10°31	11°26	15°48	2°44	15°30	14° 2	3°43	4°46	S 17
S 18	0 27 15	4°52'46	24°56	26°54	20° 8	12°31	9°28	10°29	11°25	15°48	2°43	15°31	13°58	3°50	4°44	S 18
M19	0 31 11	5°51'55	9♒16	26°R59	19°41	12°48	9°37	10°27	11°24	15°49	2°42	15°R32	13°55	3°56	4°41	M19
T 20	0 35 8	6°51'05	23°44	26°58	19°13	13° 4	9°46	10°26	11°23	15°50	2°41	15°32	13°52	4° 3	4°38	T 20
W21	0 39 4	7°50'17	8♓14	26°49	18°43	13°19	9°56	10°24	11°22	15°50	2°40	15°30	13°49	4°10	4°35	W21
T 22	0 43 1	8°49'30	22°43	26°32	18°11	13°34	10° 5	10°23	11°21	15°51	2°38	15°25	13°46	4°16	4°32	T 22
F 23	0 46 58	9°48'46	7♈ 4	26° 7	17°38	13°48	10°15	10°22	11°20	15°51	2°37	15°19	13°43	4°23	4°29	F 23
S 24	0 50 54	10°48'04	21°11	25°34	17° 4	14° 2	10°25	10°21	11°19	15°52	2°36	15°10	13°39	4°30	4°27	S 24
S 25	0 54 51	11°47'23	5♉ 0	24°53	16°29	14°15	10°34	10°20	11°18	15°52	2°35	15° 0	13°36	4°36	4°24	S 25
M26	0 58 47	12°46'46	18°26	24° 4	15°53	14°27	10°44	10°19	11°18	15°53	2°34	14°51	13°33	4°43	4°21	M26
T 27	1 2 44	13°46'10	1♊29	23° 7	15°16	14°38	10°54	10°18	11°17	15°53	2°33	14°42	13°30	4°50	4°18	T 27
W28	1 6 40	14°45'37	14°10	22° 4	14°40	14°49	11° 5	10°17	11°16	15°54	2°31	14°36	13°27	4°56	4°16	W28
T 29	1 10 37	15°45'06	26°31	20°56	14° 3	14°59	11°15	10°17	11°16	15°54	2°30	14°32	13°23	5° 3	4°13	T 29
F 30	1 14 33	16♎44'37	8♋36	19♎45	13♎26	15♊ 8	11♐25	10♒16	11♒15	15♋54	2♈29	14♒30	13♒20	5♌ 9	4♈10	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n41	27n24	4n25	7s19	2s 0	14s34	6s32	20n12	1s15	21s10	0n24	18s34	1s 8	17s58	0s42	21n53	0s42	14s30	17s10	16s 1	16s25	20n54	4n40	2n41
F 2	4 18	27 14	3 44	7 53	2 8	14 46	6 40	20 17	1 14	21 11	0 24	18 35	1 8	17 58	0 42	21 53	0 42	14 31	17 10	16 1	16 26	20 52	4 39	2 41
S 3	3 54	25 48	2 54	8 27	2 16	14 57	6 48	20 23	1 13	21 12	0 24	18 35	1 8	17 59	0 42	21 53	0 42	14 31	17 10	16 1	16 27	20 49	4 38	2 41
S 4	3 31	23 14	1 58	8 59	2 23	15 8	6 56	20 28	1 11	21 14	0 24	18 36	1 8	17 59	0 42	21 53	0 42	14 32	17 10	16 0	16 27	20 47	4 37	2 41
M 5	3 8	19 42	0 56	9 30	2 31	15 17	7 4	20 33	1 10	21 15	0 24	18 37	1 8	17 59	0 42	21 53	0 42	14 32	17 10	16 0	16 28	20 44	4 35	2 41
T 6	2 45	15 22	0s 9	10 0	2 38	15 25	7 12	20 38	1 9	21 16	0 24	18 38	1 8	18 0	0 42	21 53	0 42	14 33	17 10	15 59	16 29	20 42	4 34	2 41
W 7	2 22	10 24	1 13	10 29	2 45	15 33	7 19	20 43	1 7	21 18	0 23	18 39	1 8	18 0	0 42	21 52	0 42	14 33	17 11	16 0	16 30	20 40	4 33	2 41
T 8	1 58	4 59	2 15	10 56	2 52	15 39	7 26	20 48	1 6	21 19	0 23	18 39	1 8	18 1	0 42	21 52	0 42	14 34	17 11	16 1	16 31	20 37	4 32	2 41
F 9	1 35	0s41	3 12	11 22	2 59	15 43	7 32	20 53	1 4	21 21	0 23	18 40	1 8	18 1	0 42	21 52	0 42	14 34	17 11	16 2	16 32	20 35	4 31	2 41
S 10	1 11	6 25	4 0	11 46	3 5	15 47	7 38	20 57	1 3	21 22	0 23	18 41	1 8	18 2	0 42	21 52	0 43	14 35	17 11	16 4	16 33	20 33	4 30	2 41
S 11	0 48	11 59	4 37	12 9	3 11	15 49	7 44	21 2	1 2	21 24	0 23	18 41	1 8	18 2	0 42	21 52	0 43	14 35	17 11	16 6	16 34	20 30	4 29	2 41
M12	0 24	17 8	5 1	12 29	3 16	15 50	7 49	21 6	1 0	21 25	0 23	18 42	1 8	18 2	0 42	21 52	0 43	14 36	17 11	16 8	16 35	20 28	4 27	2 41
T 13	0 1	21 33	5 9	12 48	3 21	15 49	7 54	21 11	0 59	21 26	0 22	18 42	1 8	18 3	0 42	21 52	0 43	14 36	17 11	16 10	16 36	20 25	4 26	2 41
W14	0s23	24 56	5 0	13 4	3 25	15 47	7 58	21 15	0 57	21 28	0 22	18 43	1 8	18 3	0 42	21 52	0 43	14 37	17 11	16 12	16 37	20 23	4 25	2 41
T 15	0 46	26 56	4 34	13 18	3 28	15 44	8 2	21 19	0 55	21 29	0 22	18 43	1 8	18 3	0 42	21 51	0 43	14 37	17 11	16 13	16 38	20 21	4 24	2 41
F 16	1 10	27 20	3 53	13 29	3 31	15 39	8 4	21 23	0 54	21 31	0 22	18 44	1 8	18 4	0 42	21 51	0 43	14 38	17 11	16 14	16 39	20 18	4 23	2 41
S 17	1 33	25 59	2 56	13 38	3 33	15 32	8 7	21 27	0 52	21 32	0 22	18 44	1 8	18 4	0 42	21 51	0 43	14 38	17 11	16 14	16 39	20 16	4 21	2 41
S 18	1 57	22 59	1 49	13 43	3 34	15 24	8 8	21 31	0 50	21 34	0 22	18 45	1 8	18 4	0 42	21 51	0 43	14 39	17 11	16 13	16 40	20 13	4 20	2 41
M19	2 20	18 31	0 34	13 45	3 34	15 15	8 9	21 35	0 49	21 36	0 21	18 45	1 8	18 4	0 42	21 51	0 43	14 39	17 11	16 13	16 41	20 11	4 19	2 41
T 20	2 44	12 57	0n44	13 44	3 33	15 4	8 9	21 39	0 47	21 37	0 21	18 46	1 8	18 5	0 42	21 51	0 43	14 40	17 11	16 13	16 42	20 9	4 18	2 40
W21	3 7	6 40	1 59	13 38	3 31	14 51	8 8	21 42	0 45	21 39	0 21	18 46	1 8	18 5	0 42	21 51	0 43	14 40	17 11	16 14	16 43	20 6	4 17	2 40
T 22	3 30	0 3	3 6	13 28	3 27	14 37	8 6	21 46	0 43	21 40	0 21	18 46	1 8	18 5	0 42	21 51	0 43	14 40	17 11	16 15	16 44	20 4	4 15	2 40
F 23	3 54	6n29	4 0	13 14	3 22	14 22	8 3	21 49	0 41	21 42	0 21	18 47	1 8	18 5	0 42	21 51	0 43	14 41	17 11	16 17	16 45	20 1	4 14	2 40
S 24	4 17	12 36	4 39	12 56	3 15	14 5	8 0	21 53	0 40	21 43	0 21	18 47	1 8	18 6	0 42	21 51	0 43	14 41	17 11	16 20	16 46	19 59	4 13	2 40
S 25	4 40	17 56	5 1	12 32	3 6	13 47	7 55	21 56	0 38	21 45	0 21	18 47	1 8	18 6	0 42	21 51	0 43	14 42	17 11	16 22	16 47	19 56	4 12	2 40
M26	5 4	22 14	5 5	12 4	2 55	13 28	7 50	22 0	0 36	21 46	0 20	18 47	1 8	18 6	0 42	21 50	0 43	14 42	17 11	16 25	16 48	19 54	4 11	2 40
T 27	5 27	25 16	4 52	11 31	2 43	13 8	7 43	22 3	0 34	21 48	0 20	18 48	1 8	18 6	0 42	21 50	0 43	14 42	17 10	16 28	16 49	19 51	4 9	2 40
W28	5 50	26 57	4 26	10 55	2 29	12 47	7 36	22 6	0 32	21 49	0 20	18 48	1 8	18 6	0 42	21 50	0 43	14 43	17 10	16 30	16 50	19 49	4 8	2 40
T 29	6 13	27 14	3 48	10 14	2 12	12 25	7 28	22 9	0 30	21 51	0 20	18 48	1 8	18 7	0 42	21 50	0 43	14 43	17 10	16 31	16 50	19 47	4 7	2 40
F 30	6s36	26n12	3n 0	9s31	1s55	12s 3	7s19	22n13	0s28	21s53	0n20	18s48	1s 8	18s 7	0s42	21n50	0s43	14s44	17s10	16s31	16s51	19n44	4n 6	2n39

Julian Day Number = 2298396.5, Delta T = 118.82 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'19, Lahiri = 18°00'19 Julian Calendar 1 Sept. 1580 == Greg. Calendar 11 Sept. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

OCTOBER 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 18 30	17♎44'11	20♋29	18°R31	12°R50	15♊17	11♐36	10°R16	11°R15	15♋55	2°R28	14°D29	13♒17	5♌16	4°R 7	S 1
S 2	1 22 27	18°43'47	2♌18	17♎18	12♎15	15°25	11°46	10♒15	11♒14	15°55	2♈27	14♒30	13°14	5°23	4♈ 5	S 2
M 3	1 26 23	19°43'25	14° 6	16° 7	11°41	15°32	11°57	10°15	11°14	15°55	2°26	14°R30	13°11	5°29	4° 2	M 3
T 4	1 30 20	20°43'05	26° 0	15° 0	11° 7	15°38	12° 8	10°15	11°13	15°55	2°25	14°29	13° 8	5°36	3°59	T 4
W 5	1 34 16	21°42'48	8♍ 3	14° 0	10°35	15°43	12°18	10°D15	11°13	15°55	2°24	14°27	13° 4	5°43	3°57	W 5
T 6	1 38 13	22°42'33	20°20	13° 8	10° 5	15°48	12°29	10°15	11°13	15°56	2°22	14°22	13° 1	5°49	3°54	T 6
F 7	1 42 9	23°42'19	2♎53	12°26	9°37	15°52	12°40	10°15	11°12	15°56	2°21	14°14	12°58	5°56	3°51	F 7
S 8	1 46 6	24°42'09	15°43	11°54	9°10	15°55	12°52	10°16	11°12	15°56	2°20	14° 3	12°55	6° 3	3°49	S 8
S 9	1 50 2	25°42'00	28°52	11°34	8°45	15°57	13° 3	10°16	11°12	15°R56	2°19	13°51	12°52	6° 9	3°46	S 9
M10	1 53 59	26°41'53	12♏16	11°D25	8°23	15°58	13°14	10°16	11°12	15°56	2°18	13°39	12°49	6°16	3°44	M10
T 11	1 57 56	27°41'48	25°53	11°27	8° 2	15°R58	13°25	10°17	11°D12	15°56	2°17	13°27	12°45	6°23	3°41	T 11
W12	2 1 52	28°41'45	9♐41	11°40	7°44	15°58	13°37	10°18	11°12	15°56	2°16	13°18	12°42	6°29	3°39	W12
T 13	2 5 49	29°41'44	23°37	12° 4	7°29	15°56	13°48	10°19	11°12	15°55	2°15	13°11	12°39	6°36	3°36	T 13
F 14	2 9 45	0♏41'44	7♑37	12°37	7°15	15°54	14° 0	10°19	11°12	15°55	2°14	13° 6	12°36	6°42	3°34	F 14
S 15	2 13 42	1°41'46	21°40	13°19	7° 4	15°51	14°12	10°20	11°12	15°55	2°13	13° 5	12°33	6°49	3°31	S 15
S 16	2 17 38	2°41'50	5♒45	14° 8	6°56	15°47	14°24	10°22	11°13	15°55	2°12	13° 4	12°29	6°56	3°29	S 16
M17	2 21 35	3°41'55	19°51	15° 5	6°50	15°42	14°35	10°23	11°13	15°55	2°11	13° 4	12°26	7° 2	3°26	M17
T 18	2 25 31	4°42'01	3♓57	16° 8	6°46	15°36	14°47	10°24	11°13	15°54	2°10	13° 3	12°23	7° 9	3°24	T 18
W19	2 29 28	5°42'09	18° 3	17°17	6°D45	15°29	14°59	10°25	11°14	15°54	2° 9	13° 0	12°20	7°16	3°22	W19
T 20	2 33 25	6°42'19	2♈ 4	18°30	6°47	15°22	15°11	10°27	11°14	15°54	2° 8	12°53	12°17	7°22	3°20	T 20
F 21	2 37 21	7°42'30	16° 0	19°47	6°50	15°13	15°23	10°29	11°15	15°53	2° 7	12°44	12°14	7°29	3°17	F 21
S 22	2 41 18	8°42'43	29°45	21° 7	6°57	15° 4	15°36	10°30	11°15	15°53	2° 6	12°32	12°10	7°36	3°15	S 22
S 23	2 45 14	9°42'58	13♉16	22°30	7° 5	14°54	15°48	10°32	11°16	15°52	2° 5	12°19	12° 7	7°42	3°13	S 23
M24	2 49 11	10°43'15	26°30	23°56	7°15	14°43	16° 0	10°34	11°16	15°52	2° 5	12° 6	12° 4	7°49	3°11	M24
T 25	2 53 7	11°43'34	9♊25	25°24	7°28	14°31	16°13	10°36	11°17	15°51	2° 4	11°54	12° 1	7°56	3° 9	T 25
W26	2 57 4	12°43'54	22° 1	26°53	7°43	14°19	16°25	10°38	11°18	15°51	2° 3	11°44	11°58	8° 2	3° 7	W26
T 27	3 1 0	13°44'16	4♋20	28°24	8° 0	14° 5	16°38	10°40	11°19	15°50	2° 2	11°37	11°54	8° 9	3° 5	T 27
F 28	3 4 57	14°44'41	16°24	29°56	8°19	13°51	16°50	10°43	11°19	15°50	2° 1	11°33	11°51	8°16	3° 3	F 28
S 29	3 8 54	15°45'07	28°17	1♏29	8°40	13°36	17° 3	10°45	11°20	15°49	2° 0	11°31	11°48	8°22	3° 1	S 29
S 30	3 12 50	16°45'35	10♌ 6	3° 2	9° 3	13°20	17°15	10°47	11°21	15°48	2° 0	11°30	11°45	8°29	2°59	S 30
M31	3 16 47	17♏46'04	21♌54	4♏36	9♎28	13♊ 3	17♐28	10♒50	11♒22	15♋48	1♈59	11♒30	11♒42	8♌35	2♈57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s59	23n59	2n 5	8s45	1s36	11s40	7s10	22n16	0s25	21s54	0n20	18s48	1s 8	18s 7	0s42	21n50	0s43	14s44	17s10	16s31	16s52	19n42	4n 5	2n39
S 2	7 21	20 45	1 5	7 59	1 16	11 17	6 59	22 19	0 23	21 56	0 20	18 48	1 8	18 7	0 42	21 50	0 43	14 44	17 10	16 31	16 53	19 39	4 4	2 39
M 3	7 44	16 40	0 2	7 12	0 55	10 53	6 48	22 22	0 21	21 57	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 45	17 10	16 31	16 54	19 37	4 2	2 39
T 4	8 6	11 56	1s 1	6 27	0 35	10 29	6 37	22 25	0 19	21 59	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 45	17 10	16 31	16 55	19 34	4 1	2 39
W 5	8 29	6 41	2 2	5 45	0 14	10 5	6 24	22 27	0 16	22 0	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 45	17 10	16 32	16 56	19 32	4 0	2 39
T 6	8 51	1 6	2 58	5 7	0n 6	9 41	6 12	22 30	0 14	22 2	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 46	17 10	16 34	16 57	19 29	3 59	2 39
F 7	9 13	4s37	3 47	4 33	0 24	9 18	5 58	22 33	0 12	22 4	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 46	17 9	16 36	16 58	19 27	3 58	2 39
S 8	9 35	10 17	4 26	4 4	0 42	8 55	5 45	22 36	0 9	22 5	0 19	18 48	1 8	18 7	0 42	21 50	0 43	14 46	17 9	16 39	16 59	19 24	3 56	2 38
S 9	9 57	15 38	4 51	3 41	0 58	8 32	5 31	22 38	0 7	22 7	0 19	18 48	1 8	18 7	0 41	21 50	0 43	14 47	17 9	16 42	16 59	19 22	3 55	2 38
M10	10 19	20 20	5 1	3 24	1 13	8 10	5 17	22 41	0 4	22 8	0 18	18 48	1 8	18 7	0 41	21 50	0 43	14 47	17 9	16 46	17 0	19 19	3 54	2 38
T 11	10 41	24 2	4 54	3 14	1 26	7 49	5 2	22 43	0 2	22 10	0 18	18 47	1 8	18 7	0 41	21 50	0 43	14 47	17 9	16 49	17 1	19 17	3 53	2 38
W12	11 2	26 25	4 30	3 8	1 37	7 29	4 48	22 46	0n 1	22 11	0 18	18 47	1 8	18 7	0 41	21 50	0 43	14 47	17 9	16 52	17 2	19 14	3 52	2 38
T 13	11 23	27 10	3 50	3 9	1 46	7 9	4 33	22 48	0 3	22 13	0 18	18 47	1 7	18 7	0 41	21 50	0 43	14 48	17 9	16 54	17 3	19 12	3 51	2 38
F 14	11 45	26 12	2 56	3 15	1 54	6 50	4 18	22 51	0 6	22 14	0 18	18 47	1 7	18 7	0 41	21 50	0 43	14 48	17 8	16 55	17 4	19 9	3 50	2 38
S 15	12 5	23 34	1 51	3 25	2 0	6 32	4 4	22 53	0 9	22 16	0 18	18 46	1 7	18 7	0 41	21 50	0 43	14 48	17 8	16 56	17 5	19 7	3 49	2 38
S 16	12 26	19 30	0 39	3 40	2 5	6 16	3 49	22 55	0 11	22 17	0 18	18 46	1 7	18 7	0 41	21 50	0 43	14 48	17 8	16 56	17 6	19 4	3 48	2 37
M17	12 47	14 20	0n36	3 59	2 8	6 0	3 34	22 58	0 14	22 19	0 18	18 46	1 7	18 7	0 41	21 50	0 43	14 49	17 8	16 56	17 7	19 2	3 46	2 37
T 18	13 7	8 24	1 48	4 21	2 11	5 45	3 20	23 0	0 17	22 20	0 17	18 45	1 7	18 7	0 41	21 50	0 43	14 49	17 8	16 56	17 8	18 59	3 45	2 37
W19	13 27	2 5	2 54	4 46	2 12	5 32	3 6	23 2	0 20	22 22	0 17	18 45	1 7	18 6	0 41	21 50	0 43	14 49	17 7	16 57	17 8	18 56	3 44	2 37
T 20	13 47	4n19	3 48	5 14	2 12	5 19	2 52	23 4	0 22	22 23	0 17	18 44	1 7	18 6	0 41	21 50	0 43	14 49	17 7	16 59	17 9	18 54	3 43	2 37
F 21	14 7	10 26	4 29	5 44	2 11	5 8	2 38	23 6	0 25	22 25	0 17	18 44	1 7	18 6	0 41	21 50	0 43	14 49	17 7	17 2	17 10	18 51	3 42	2 37
S 22	14 26	15 58	4 53	6 16	2 9	4 58	2 24	23 7	0 28	22 26	0 17	18 43	1 7	18 6	0 41	21 50	0 43	14 49	17 7	17 5	17 11	18 49	3 41	2 36
S 23	14 46	20 37	5 0	6 49	2 7	4 49	2 11	23 9	0 31	22 28	0 17	18 43	1 7	18 6	0 41	21 50	0 43	14 50	17 7	17 9	17 12	18 46	3 40	2 36
M24	15 4	24 8	4 51	7 24	2 4	4 41	1 57	23 11	0 34	22 29	0 17	18 42	1 7	18 6	0 41	21 50	0 43	14 50	17 6	17 12	17 13	18 44	3 39	2 36
T 25	15 23	26 18	4 27	7 59	2 0	4 34	1 45	23 12	0 37	22 30	0 17	18 42	1 7	18 5	0 41	21 50	0 43	14 50	17 6	17 16	17 14	18 41	3 38	2 36
W26	15 42	27 5	3 50	8 35	1 56	4 29	1 32	23 14	0 40	22 32	0 16	18 41	1 7	18 5	0 41	21 50	0 43	14 50	17 6	17 18	17 15	18 38	3 37	2 36
T 27	16 0	26 29	3 3	9 12	1 51	4 24	1 20	23 15	0 43	22 33	0 16	18 40	1 7	18 5	0 41	21 50	0 43	14 50	17 6	17 20	17 16	18 36	3 36	2 36
F 28	16 18	24 37	2 9	9 49	1 46	4 21	1 8	23 17	0 46	22 34	0 16	18 40	1 7	18 5	0 41	21 50	0 43	14 50	17 5	17 22	17 16	18 33	3 35	2 35
S 29	16 36	21 41	1 9	10 26	1 41	4 18	0 56	23 18	0 49	22 36	0 16	18 39	1 7	18 4	0 41	21 50	0 43	14 50	17 5	17 22	17 17	18 31	3 35	2 35
S 30	16 53	17 53	0 8	11 4	1 35	4 17	0 45	23 19	0 52	22 37	0 16	18 38	1 7	18 4	0 41	21 51	0 43	14 50	17 5	17 22	17 18	18 28	3 34	2 35
M31	17s10	13n23	0s55	11s41	1n29	4s16	0s34	23n20	0n55	22s38	0n16	18s38	1s 7	18s 4	0s41	21n51	0s43	14s50	17s 5	17s22	17s19	18n26	3n33	2n35

Julian Day Number = 2298426.5, Delta T = 118.68 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'23, Lahiri = 18°00'23 Julian Calendar 1 Oct. 1580 == Greg. Calendar 11 Oct. 1580

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1580
geocentric

NOVEMBER 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 20 43	18♏46'36	3♍47	6♏10	9♎54	12°R46	17♐41	10♒53	11♒23	15°R47	1°R58	11°R30	11♒39	8♌42	2°R56	T 1
W 2	3 24 40	19°47'09	15°52	7°45	10°23	12♊28	17°54	10°56	11°24	15♋46	1♈57	11♒27	11°35	8°49	2♈54	W 2
T 3	3 28 36	20°47'45	28°12	9°20	10°52	12° 9	18° 7	10°58	11°25	15°45	1°57	11°22	11°32	8°55	2°52	T 3
F 4	3 32 33	21°48'21	10♎52	10°55	11°24	11°50	18°20	11° 1	11°27	15°44	1°56	11°14	11°29	9° 2	2°51	F 4
S 5	3 36 29	22°49'00	23°55	12°30	11°57	11°30	18°33	11° 4	11°28	15°44	1°55	11° 4	11°26	9° 9	2°49	S 5
S 6	3 40 26	23°49'40	7♏20	14° 5	12°31	11°10	18°46	11° 8	11°29	15°43	1°54	10°52	11°23	9°15	2°48	S 6
M 7	3 44 23	24°50'22	21° 6	15°40	13° 7	10°49	18°59	11°11	11°30	15°42	1°54	10°40	11°20	9°22	2°46	M 7
T 8	3 48 19	25°51'06	5♐ 9	17°15	13°44	10°28	19°12	11°14	11°32	15°41	1°53	10°28	11°16	9°29	2°45	T 8
W 9	3 52 16	26°51'50	19°24	18°50	14°22	10° 6	19°25	11°18	11°33	15°40	1°53	10°18	11°13	9°35	2°43	W 9
T 10	3 56 12	27°52'36	3♑46	20°25	15° 2	9°44	19°38	11°21	11°35	15°39	1°52	10°10	11°10	9°42	2°42	T 10
F 11	4 0 9	28°53'23	18° 9	22° 0	15°43	9°22	19°52	11°25	11°36	15°38	1°51	10° 6	11° 7	9°49	2°41	F 11
S 12	4 4 5	29°54'12	2♒29	23°34	16°25	8°59	20° 5	11°28	11°38	15°37	1°51	10° 4	11° 4	9°55	2°39	S 12
S 13	4 8 2	0♐55'01	16°42	25° 9	17° 8	8°36	20°18	11°32	11°40	15°36	1°50	10°D 4	11° 0	10° 2	2°38	S 13
M14	4 11 58	1°55'51	0♓48	26°44	17°52	8°13	20°32	11°36	11°41	15°35	1°50	10°R 4	10°57	10° 8	2°37	M14
T 15	4 15 55	2°56'41	14°45	28°18	18°37	7°50	20°45	11°40	11°43	15°33	1°49	10° 4	10°54	10°15	2°36	T 15
W16	4 19 52	3°57'33	28°33	29°52	19°24	7°27	20°58	11°44	11°45	15°32	1°49	10° 1	10°51	10°22	2°35	W16
T 17	4 23 48	4°58'25	12♈13	1♐27	20°11	7° 4	21°12	11°48	11°46	15°31	1°48	9°56	10°48	10°28	2°34	T 17
F 18	4 27 45	5°59'19	25°42	3° 1	20°59	6°41	21°25	11°52	11°48	15°30	1°48	9°48	10°45	10°35	2°33	F 18
S 19	4 31 41	7° 0'13	9♉ 2	4°35	21°48	6°18	21°39	11°56	11°50	15°29	1°48	9°38	10°41	10°42	2°32	S 19
S 20	4 35 38	8° 1'08	22° 9	6°10	22°38	5°55	21°52	12° 1	11°52	15°27	1°47	9°27	10°38	10°48	2°32	S 20
M21	4 39 34	9° 2'04	5♊ 2	7°44	23°28	5°32	22° 6	12° 5	11°54	15°26	1°47	9°16	10°35	10°55	2°31	M21
T 22	4 43 31	10° 3'01	17°42	9°18	24°20	5°10	22°19	12°10	11°56	15°25	1°47	9° 5	10°32	11° 2	2°30	T 22
W23	4 47 27	11° 4'00	0♋ 7	10°52	25°12	4°48	22°33	12°14	11°58	15°24	1°46	8°57	10°29	11° 8	2°29	W23
T 24	4 51 24	12° 4'59	12°19	12°27	26° 5	4°26	22°47	12°19	12° 0	15°22	1°46	8°50	10°26	11°15	2°29	T 24
F 25	4 55 21	13° 5'59	24°20	14° 1	26°58	4° 5	23° 0	12°24	12° 2	15°21	1°46	8°47	10°22	11°22	2°28	F 25
S 26	4 59 17	14° 7'00	6♌11	15°35	27°53	3°44	23°14	12°29	12° 5	15°19	1°46	8°D46	10°19	11°28	2°28	S 26
S 27	5 3 14	15° 8'02	17°59	17°10	28°48	3°23	23°28	12°33	12° 7	15°18	1°45	8°46	10°16	11°35	2°28	S 27
M28	5 7 10	16° 9'05	29°46	18°44	29°43	3° 3	23°41	12°38	12° 9	15°17	1°45	8°47	10°13	11°42	2°27	M28
T 29	5 11 7	17°10'09	11♍38	20°19	0♏40	2°44	23°55	12°43	12°11	15°15	1°45	8°R48	10°10	11°48	2°27	T 29
W30	5 15 3	18♐11'14	23♍41	21♐54	1♏36	2♊25	24♐ 9	12♒48	12♒14	15♋14	1♈45	8♒48	10♒ 6	11♌55	2♈27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s27	8n21	1s55	12s18	1n23	4s17	0s23	23n20	0n58	22s40	0n16	18s37	1s 7	18s 3	0s41	21n51	0s43	14s50	17s 4	17s22	17s20	18n23	3n32	2n35
W 2	17 43	2 57	2 51	12 55	1 17	4 18	0 12	23 21	1 1	22 41	0 16	18 36	1 7	18 3	0 41	21 51	0 43	14 51	17 4	17 23	17 21	18 20	3 31	2 34
T 3	18 0	2s39	3 41	13 32	1 10	4 21	0 2	23 22	1 4	22 42	0 15	18 35	1 7	18 3	0 41	21 51	0 43	14 51	17 4	17 25	17 22	18 18	3 30	2 34
F 4	18 16	8 18	4 20	14 8	1 4	4 24	0n 8	23 22	1 7	22 44	0 15	18 34	1 7	18 2	0 41	21 51	0 43	14 51	17 3	17 27	17 23	18 15	3 29	2 34
S 5	18 31	13 45	4 48	14 43	0 57	4 28	0 17	23 22	1 10	22 45	0 15	18 33	1 7	18 2	0 41	21 51	0 43	14 51	17 3	17 30	17 24	18 13	3 29	2 34
S 6	18 46	18 43	5 1	15 18	0 50	4 33	0 26	23 22	1 13	22 46	0 15	18 32	1 7	18 2	0 41	21 51	0 43	14 51	17 3	17 33	17 24	18 10	3 28	2 34
M 7	19 1	22 50	4 56	15 53	0 43	4 39	0 35	23 22	1 16	22 47	0 15	18 32	1 6	18 1	0 41	21 51	0 43	14 51	17 3	17 36	17 25	18 7	3 27	2 34
T 8	19 16	25 42	4 34	16 26	0 36	4 46	0 44	23 22	1 19	22 48	0 15	18 31	1 6	18 1	0 41	21 51	0 43	14 51	17 2	17 39	17 26	18 5	3 26	2 33
W 9	19 30	26 58	3 55	16 59	0 30	4 53	0 52	23 22	1 22	22 50	0 15	18 30	1 6	18 0	0 41	21 51	0 43	14 51	17 2	17 42	17 27	18 2	3 26	2 33
T 10	19 44	26 26	3 0	17 32	0 23	5 1	1 0	23 22	1 25	22 51	0 15	18 29	1 6	18 0	0 40	21 52	0 43	14 50	17 2	17 44	17 28	17 59	3 25	2 33
F 11	19 57	24 8	1 54	18 3	0 16	5 10	1 8	23 21	1 28	22 52	0 15	18 28	1 6	17 59	0 40	21 52	0 43	14 50	17 1	17 45	17 29	17 57	3 24	2 33
S 12	20 11	20 18	0 40	18 34	0 9	5 19	1 15	23 20	1 30	22 53	0 15	18 27	1 6	17 59	0 40	21 52	0 43	14 50	17 1	17 46	17 30	17 54	3 23	2 33
S 13	20 23	15 18	0n35	19 4	0 2	5 29	1 22	23 19	1 33	22 54	0 14	18 25	1 6	17 59	0 40	21 52	0 43	14 50	17 1	17 46	17 31	17 52	3 23	2 32
M14	20 36	9 32	1 48	19 33	0s 5	5 39	1 29	23 18	1 36	22 55	0 14	18 24	1 6	17 58	0 40	21 52	0 43	14 50	17 0	17 46	17 31	17 49	3 22	2 32
T 15	20 48	3 21	2 53	20 1	0 11	5 50	1 36	23 17	1 39	22 56	0 14	18 23	1 6	17 58	0 40	21 52	0 43	14 50	17 0	17 46	17 32	17 46	3 22	2 32
W16	20 59	2n55	3 48	20 28	0 18	6 2	1 42	23 16	1 41	22 57	0 14	18 22	1 6	17 57	0 40	21 52	0 43	14 50	17 0	17 47	17 33	17 44	3 21	2 32
T 17	21 11	8 58	4 29	20 54	0 25	6 14	1 48	23 15	1 44	22 58	0 14	18 21	1 6	17 57	0 40	21 52	0 43	14 50	16 59	17 48	17 34	17 41	3 20	2 32
F 18	21 21	14 31	4 54	21 19	0 31	6 27	1 54	23 13	1 46	22 59	0 14	18 20	1 6	17 56	0 40	21 53	0 43	14 50	16 59	17 50	17 35	17 38	3 20	2 31
S 19	21 32	19 19	5 3	21 43	0 38	6 40	1 59	23 12	1 49	23 0	0 14	18 18	1 6	17 55	0 40	21 53	0 43	14 50	16 59	17 53	17 36	17 36	3 19	2 31
S 20	21 42	23 7	4 56	22 6	0 44	6 54	2 5	23 10	1 51	23 1	0 14	18 17	1 6	17 55	0 40	21 53	0 43	14 49	16 58	17 56	17 37	17 33	3 19	2 31
M21	21 51	25 40	4 34	22 28	0 50	7 8	2 10	23 8	1 53	23 2	0 14	18 16	1 6	17 54	0 40	21 53	0 43	14 49	16 58	17 59	17 37	17 30	3 18	2 31
T 22	22 1	26 53	3 58	22 49	0 56	7 22	2 14	23 6	1 56	23 3	0 13	18 15	1 6	17 54	0 40	21 53	0 43	14 49	16 58	18 2	17 38	17 28	3 18	2 30
W23	22 9	26 41	3 12	23 9	1 2	7 37	2 19	23 5	1 58	23 4	0 13	18 13	1 6	17 53	0 40	21 53	0 43	14 49	16 57	18 4	17 39	17 25	3 17	2 30
T 24	22 18	25 12	2 17	23 27	1 7	7 52	2 23	23 3	2 0	23 5	0 13	18 12	1 6	17 52	0 40	21 53	0 43	14 49	16 57	18 5	17 40	17 22	3 17	2 30
F 25	22 25	22 34	1 17	23 45	1 13	8 8	2 27	23 1	2 2	23 5	0 13	18 11	1 6	17 52	0 40	21 54	0 43	14 48	16 57	18 6	17 41	17 20	3 17	2 30
S 26	22 33	19 0	0 14	24 1	1 18	8 23	2 31	22 59	2 4	23 6	0 13	18 9	1 6	17 51	0 40	21 54	0 43	14 48	16 56	18 7	17 42	17 17	3 16	2 30
S 27	22 40	14 42	0s49	24 16	1 23	8 39	2 35	22 56	2 6	23 7	0 13	18 8	1 6	17 51	0 40	21 54	0 43	14 48	16 56	18 7	17 43	17 14	3 16	2 29
M28	22 46	9 51	1 51	24 29	1 28	8 56	2 38	22 54	2 8	23 8	0 13	18 6	1 6	17 50	0 40	21 54	0 43	14 48	16 56	18 6	17 43	17 12	3 16	2 29
T 29	22 52	4 38	2 48	24 41	1 33	9 12	2 42	22 52	2 9	23 9	0 13	18 5	1 6	17 49	0 40	21 54	0 43	14 47	16 55	18 6	17 44	17 9	3 15	2 29
W30	22s58	0s50	3s38	24s52	1s38	9s29	2n45	22n50	2n11	23s 9	0n13	18s 4	1s 6	17s49	0s40	21n54	0s43	14s47	16s55	18s 6	17s45	17n 6	3n15	2n29

Julian Day Number = 2298457.5, Delta T = 118.53 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'27, Lahiri = 18°00'28 Julian Calendar 1 Nov. 1580 == Greg. Calendar 11 Nov. 1580

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ASTRODIENST EPHEMERIS for the year 1580
geocentric

DECEMBER 1580 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 19 0	19♐12'20	6♎ 0	23♐29	2♏34	2°R 6	24♐23	12♒54	12♒16	15°R12	1°R45	8°R46	10♒ 3	12♌ 1	2°R27	T 1
F 2	5 22 56	20°13'27	18°39	25° 4	3°32	1♊49	24°36	12°59	12°19	15♋11	1♈45	8♒43	10° 0	12° 8	2♈26	F 2
S 3	5 26 53	21°14'34	1♏43	26°39	4°30	1°32	24°50	13° 4	12°21	15° 9	1°44	8°37	9°57	12°15	2°D26	S 3
S 4	5 30 50	22°15'43	15°13	28°15	5°29	1°15	25° 4	13° 9	12°24	15° 8	1°44	8°30	9°54	12°21	2°26	S 4
M 5	5 34 46	23°16'52	29° 9	29°50	6°28	1° 0	25°18	13°15	12°26	15° 6	1°44	8°22	9°51	12°28	2°26	M 5
T 6	5 38 43	24°18'02	13♐28	1♑26	7°28	0°45	25°31	13°20	12°29	15° 5	1°D44	8°14	9°47	12°35	2°27	T 6
W 7	5 42 39	25°19'12	28° 5	3° 2	8°29	0°31	25°45	13°26	12°31	15° 3	1°44	8° 8	9°44	12°41	2°27	W 7
T 8	5 46 36	26°20'23	12♑53	4°38	9°29	0°17	25°59	13°32	12°34	15° 1	1°44	8° 3	9°41	12°48	2°27	T 8
F 9	5 50 32	27°21'34	27°42	6°14	10°31	0° 5	26°13	13°37	12°37	15° 0	1°44	8° 1	9°38	12°55	2°27	F 9
S 10	5 54 29	28°22'45	12♒28	7°51	11°32	29♉53	26°27	13°43	12°39	14°58	1°45	8°D 1	9°35	13° 1	2°28	S 10
S 11	5 58 26	29°23'56	27° 2	9°27	12°34	29°42	26°40	13°49	12°42	14°57	1°45	8° 2	9°32	13° 8	2°28	S 11
M12	6 2 22	0♑25'07	11♓21	11° 3	13°36	29°32	26°54	13°55	12°45	14°55	1°45	8° 3	9°28	13°15	2°28	M12
T 13	6 6 19	1°26'18	25°24	12°40	14°39	29°23	27° 8	14° 1	12°48	14°53	1°45	8°R 4	9°25	13°21	2°29	T 13
W14	6 10 15	2°27'29	9♈10	14°16	15°42	29°14	27°22	14° 6	12°50	14°52	1°45	8° 4	9°22	13°28	2°30	W14
T 15	6 14 12	3°28'39	22°38	15°52	16°45	29° 6	27°36	14°13	12°53	14°50	1°45	8° 3	9°19	13°34	2°30	T 15
F 16	6 18 8	4°29'50	5♉51	17°28	17°49	29° 0	27°49	14°19	12°56	14°48	1°46	7°59	9°16	13°41	2°31	F 16
S 17	6 22 5	5°31'00	18°50	19° 4	18°53	28°54	28° 3	14°25	12°59	14°47	1°46	7°55	9°12	13°48	2°32	S 17
S 18	6 26 1	6°32'10	1♊35	20°39	19°57	28°49	28°17	14°31	13° 2	14°45	1°46	7°49	9° 9	13°54	2°32	S 18
M19	6 29 58	7°33'20	14° 8	22°14	21° 2	28°44	28°31	14°37	13° 5	14°43	1°46	7°44	9° 6	14° 1	2°33	M19
T 20	6 33 55	8°34'30	26°30	23°48	22° 7	28°41	28°44	14°43	13° 8	14°42	1°47	7°39	9° 3	14° 8	2°34	T 20
W21	6 37 51	9°35'39	8♋41	25°21	23°12	28°38	28°58	14°50	13°11	14°40	1°47	7°35	9° 0	14°14	2°35	W21
T 22	6 41 48	10°36'49	20°43	26°53	24°17	28°36	29°12	14°56	13°14	14°38	1°47	7°32	8°57	14°21	2°36	T 22
F 23	6 45 44	11°37'58	2♌37	28°23	25°23	28°35	29°25	15° 2	13°17	14°37	1°48	7°D31	8°53	14°28	2°37	F 23
S 24	6 49 41	12°39'07	14°27	29°51	26°29	28°D35	29°39	15° 9	13°20	14°35	1°48	7°31	8°50	14°34	2°38	S 24
S 25	6 53 37	13°40'16	26°14	1♒17	27°35	28°35	29°53	15°15	13°23	14°33	1°49	7°32	8°47	14°41	2°40	S 25
M26	6 57 34	14°41'25	8♍ 1	2°41	28°41	28°36	0♑ 6	15°22	13°26	14°32	1°49	7°33	8°44	14°48	2°41	M26
T 27	7 1 30	15°42'34	19°54	4° 1	29°48	28°38	0°20	15°28	13°30	14°30	1°50	7°35	8°41	14°54	2°42	T 27
W28	7 5 27	16°43'42	1♎56	5°17	0♐55	28°41	0°33	15°35	13°33	14°28	1°50	7°37	8°38	15° 1	2°44	W28
T 29	7 9 24	17°44'50	14°12	6°29	2° 2	28°44	0°47	15°42	13°36	14°26	1°51	7°R37	8°34	15° 8	2°45	T 29
F 30	7 13 20	18°45'59	26°46	7°36	3° 9	28°48	1° 0	15°48	13°39	14°25	1°51	7°37	8°31	15°14	2°46	F 30
S 31	7 17 17	19♑47'07	9♏44	8♒37	4♐17	28♉53	1♑14	15♒55	13♒42	14♋23	1♈52	7♒36	8♒28	15♌21	2♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	6s22	4s20	25s 2	1s42	9s46	2n47	22n48	2n13	23s10	0n13	18s 2	1s 6	17s48	0s40	21n54	0s43	14s47	16s55	18s 7	17s46	17n 3	3n15	2n29
F 2	23 8	11 47	4 50	25 10	1 46	10 3	2 50	22 46	2 14	23 11	0 12	18 1	1 6	17 47	0 40	21 55	0 43	14 47	16 54	18 8	17 47	17 1	3 14	2 28
S 3	23 12	16 53	5 6	25 17	1 50	10 21	2 52	22 44	2 16	23 11	0 12	17 59	1 6	17 46	0 40	21 55	0 43	14 46	16 54	18 9	17 48	16 58	3 14	2 28
S 4	23 16	21 19	5 6	25 22	1 53	10 38	2 55	22 42	2 17	23 12	0 12	17 57	1 6	17 46	0 40	21 55	0 43	14 46	16 54	18 11	17 49	16 55	3 14	2 28
M 5	23 19	24 42	4 49	25 26	1 57	10 56	2 57	22 40	2 18	23 12	0 12	17 56	1 6	17 45	0 40	21 55	0 43	14 46	16 53	18 13	17 49	16 53	3 14	2 28
T 6	23 22	26 39	4 13	25 29	2 0	11 13	2 58	22 38	2 20	23 13	0 12	17 54	1 6	17 44	0 40	21 55	0 43	14 45	16 53	18 15	17 50	16 50	3 14	2 28
W 7	23 25	26 48	3 19	25 30	2 2	11 31	3 0	22 36	2 21	23 14	0 12	17 53	1 6	17 43	0 40	21 56	0 43	14 45	16 52	18 17	17 51	16 47	3 14	2 27
T 8	23 27	25 4	2 12	25 29	2 5	11 49	3 1	22 34	2 22	23 14	0 12	17 51	1 6	17 43	0 40	21 56	0 43	14 45	16 52	18 18	17 52	16 44	3 13	2 27
F 9	23 28	21 35	0 56	25 27	2 6	12 7	3 3	22 32	2 23	23 15	0 12	17 49	1 6	17 42	0 40	21 56	0 43	14 44	16 52	18 18	17 53	16 42	3 13	2 27
S 10	23 29	16 43	0n24	25 24	2 8	12 25	3 4	22 31	2 24	23 15	0 12	17 48	1 6	17 41	0 40	21 56	0 43	14 44	16 51	18 18	17 54	16 39	3 13	2 27
S 11	23 30	10 56	1 42	25 18	2 9	12 43	3 5	22 29	2 25	23 16	0 12	17 46	1 6	17 40	0 40	21 56	0 43	14 44	16 51	18 18	17 55	16 36	3 13	2 26
M12	23 30	4 40	2 52	25 12	2 10	13 0	3 6	22 28	2 26	23 16	0 12	17 44	1 6	17 40	0 40	21 56	0 43	14 43	16 51	18 18	17 55	16 33	3 13	2 26
T 13	23 29	1n41	3 50	25 3	2 10	13 18	3 6	22 27	2 26	23 16	0 11	17 43	1 6	17 39	0 40	21 57	0 43	14 43	16 50	18 17	17 56	16 31	3 13	2 26
W14	23 28	7 50	4 33	24 53	2 10	13 36	3 7	22 26	2 27	23 17	0 11	17 41	1 6	17 38	0 40	21 57	0 43	14 42	16 50	18 17	17 57	16 28	3 13	2 26
T 15	23 27	13 29	5 1	24 42	2 10	13 54	3 7	22 24	2 28	23 17	0 11	17 39	1 6	17 37	0 40	21 57	0 43	14 42	16 50	18 18	17 58	16 25	3 13	2 26
F 16	23 25	18 24	5 12	24 28	2 8	14 11	3 7	22 24	2 28	23 17	0 11	17 37	1 6	17 36	0 40	21 57	0 43	14 42	16 49	18 19	17 59	16 22	3 14	2 25
S 17	23 23	22 22	5 7	24 13	2 7	14 29	3 7	22 23	2 29	23 18	0 11	17 36	1 6	17 35	0 40	21 57	0 43	14 41	16 49	18 20	18 0	16 20	3 14	2 25
S 18	23 20	25 11	4 46	23 57	2 4	14 46	3 7	22 22	2 29	23 18	0 11	17 34	1 6	17 35	0 40	21 58	0 43	14 41	16 48	18 21	18 0	16 17	3 14	2 25
M19	23 17	26 43	4 12	23 39	2 1	15 3	3 7	22 22	2 30	23 18	0 11	17 32	1 6	17 34	0 40	21 58	0 43	14 40	16 48	18 23	18 1	16 14	3 14	2 25
T 20	23 13	26 53	3 26	23 20	1 58	15 20	3 6	22 21	2 30	23 19	0 11	17 30	1 6	17 33	0 40	21 58	0 43	14 40	16 48	18 24	18 2	16 11	3 14	2 25
W21	23 9	25 44	2 32	22 59	1 54	15 37	3 6	22 21	2 31	23 19	0 11	17 28	1 6	17 32	0 40	21 58	0 43	14 39	16 47	18 25	18 3	16 9	3 14	2 24
T 22	23 4	23 24	1 31	22 36	1 49	15 54	3 5	22 21	2 31	23 19	0 11	17 26	1 6	17 31	0 40	21 58	0 43	14 39	16 47	18 26	18 4	16 6	3 15	2 24
F 23	22 59	20 3	0 27	22 13	1 43	16 10	3 4	22 21	2 31	23 19	0 11	17 25	1 6	17 30	0 40	21 59	0 43	14 38	16 47	18 26	18 5	16 3	3 15	2 24
S 24	22 54	15 56	0s38	21 48	1 36	16 27	3 3	22 21	2 31	23 19	0 10	17 23	1 6	17 29	0 40	21 59	0 43	14 38	16 46	18 26	18 5	16 0	3 15	2 24
S 25	22 47	11 13	1 41	21 22	1 29	16 43	3 2	22 21	2 32	23 19	0 10	17 21	1 6	17 28	0 40	21 59	0 43	14 37	16 46	18 26	18 6	15 58	3 15	2 24
M26	22 41	6 6	2 41	20 55	1 20	16 58	3 1	22 22	2 32	23 19	0 10	17 19	1 6	17 27	0 39	21 59	0 43	14 37	16 46	18 25	18 7	15 55	3 16	2 23
T 27	22 34	0 45	3 33	20 27	1 11	17 14	2 59	22 22	2 32	23 20	0 10	17 17	1 6	17 26	0 39	21 59	0 43	14 36	16 45	18 25	18 8	15 52	3 16	2 23
W28	22 27	4s42	4 17	19 59	1 1	17 29	2 58	22 23	2 32	23 20	0 10	17 15	1 6	17 26	0 39	21 59	0 43	14 36	16 45	18 25	18 9	15 49	3 16	2 23
T 29	22 19	10 4	4 50	19 30	0 50	17 44	2 56	22 24	2 32	23 20	0 10	17 13	1 6	17 25	0 39	22 0	0 43	14 35	16 45	18 24	18 10	15 46	3 17	2 23
F 30	22 11	15 10	5 11	19 1	0 38	17 59	2 55	22 24	2 32	23 20	0 10	17 11	1 6	17 24	0 39	22 0	0 43	14 35	16 44	18 24	18 10	15 44	3 17	2 23
S 31	22s 2	19s45	5s16	18s33	0s24	18s13	2n53	22n25	2n32	23s20	0n10	17s 9	1s 6	17s23	0s39	22n 0	0s43	14s34	16s44	18s25	18s11	15n41	3n18	2n22

Julian Day Number = 2298487.5, Delta T = 118.38 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'31, Lahiri = 18°00'32 Julian Calendar 1 Dec. 1580 == Greg. Calendar 11 Dec. 1580

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

JANUARY 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 21 13	20♑48'14	23♏ 8	9♒31	5♐24	28♉59	1♑27	16♒ 2	13♒46	14°R21	1♈52	7°R34	8♒25	15♌27	2♈50	S 1
M 2	7 25 10	21°49'22	6♐59	10°17	6°32	29° 5	1°41	16° 9	13°49	14♋20	1°53	7♒32	8°22	15°34	2°51	M 2
T 3	7 29 6	22°50'29	21°18	10°55	7°40	29°12	1°54	16°15	13°52	14°18	1°53	7°30	8°18	15°41	2°53	T 3
W 4	7 33 3	23°51'36	6♑ 0	11°24	8°48	29°19	2° 8	16°22	13°56	14°16	1°54	7°28	8°15	15°47	2°55	W 4
T 5	7 36 59	24°52'42	21° 0	11°42	9°57	29°27	2°21	16°29	13°59	14°15	1°55	7°27	8°12	15°54	2°56	T 5
F 6	7 40 56	25°53'48	6♒ 8	11°R50	11° 5	29°36	2°34	16°36	14° 2	14°13	1°56	7°D27	8° 9	16° 1	2°58	F 6
S 7	7 44 53	26°54'53	21°15	11°46	12°14	29°46	2°47	16°43	14° 6	14°11	1°56	7°27	8° 6	16° 7	3° 0	S 7
S 8	7 48 49	27°55'56	6♓13	11°31	13°23	29°56	3° 1	16°50	14° 9	14°10	1°57	7°28	8° 3	16°14	3° 2	S 8
M 9	7 52 46	28°56'59	20°55	11° 4	14°32	0♊ 7	3°14	16°57	14°12	14° 8	1°58	7°29	7°59	16°21	3° 4	M 9
T 10	7 56 42	29°58'00	5♈14	10°27	15°41	0°18	3°27	17° 4	14°16	14° 6	1°58	7°29	7°56	16°27	3° 6	T 10
W11	8 0 39	0♒59'00	19°10	9°39	16°50	0°30	3°40	17°11	14°19	14° 5	1°59	7°30	7°53	16°34	3° 8	W11
T 12	8 4 35	2° 0'00	2♉41	8°42	17°59	0°42	3°53	17°18	14°23	14° 3	2° 0	7°R30	7°50	16°41	3°10	T 12
F 13	8 8 32	3° 0'57	15°50	7°38	19° 9	0°55	4° 6	17°25	14°26	14° 2	2° 1	7°30	7°47	16°47	3°12	F 13
S 14	8 12 28	4° 1'54	28°39	6°28	20°18	1° 9	4°19	17°32	14°30	14° 0	2° 2	7°30	7°44	16°54	3°15	S 14
S 15	8 16 25	5° 2'49	11♊10	5°15	21°28	1°23	4°32	17°39	14°33	13°58	2° 3	7°29	7°40	17° 1	3°17	S 15
M16	8 20 22	6° 3'44	23°28	4° 0	22°38	1°37	4°45	17°46	14°36	13°57	2° 4	7°29	7°37	17° 7	3°19	M16
T 17	8 24 18	7° 4'36	5♋35	2°47	23°48	1°52	4°57	17°53	14°40	13°55	2° 4	7°D29	7°34	17°14	3°21	T 17
W18	8 28 15	8° 5'28	17°34	1°36	24°58	2° 8	5°10	18° 1	14°43	13°54	2° 5	7°29	7°31	17°20	3°24	W18
T 19	8 32 11	9° 6'18	29°27	0°30	26° 8	2°24	5°23	18° 8	14°47	13°52	2° 6	7°29	7°28	17°27	3°26	T 19
F 20	8 36 8	10° 7'07	11♌16	29♑30	27°18	2°40	5°35	18°15	14°50	13°51	2° 7	7°R29	7°24	17°34	3°29	F 20
S 21	8 40 4	11° 7'55	23° 4	28°37	28°28	2°57	5°48	18°22	14°54	13°49	2° 8	7°29	7°21	17°40	3°31	S 21
S 22	8 44 1	12° 8'42	4♍53	27°51	29°39	3°15	6° 0	18°29	14°57	13°48	2° 9	7°28	7°18	17°47	3°34	S 22
M23	8 47 58	13° 9'27	16°44	27°14	0♑49	3°33	6°13	18°36	15° 1	13°46	2°10	7°28	7°15	17°54	3°36	M23
T 24	8 51 54	14°10'11	28°41	26°45	2° 0	3°51	6°25	18°44	15° 4	13°45	2°11	7°27	7°12	18° 0	3°39	T 24
W25	8 55 51	15°10'54	10♎47	26°24	3°11	4° 9	6°37	18°51	15° 8	13°44	2°12	7°26	7° 9	18° 7	3°42	W25
T 26	8 59 47	16°11'36	23° 5	26°11	4°21	4°28	6°50	18°58	15°11	13°42	2°14	7°25	7° 5	18°14	3°44	T 26
F 27	9 3 44	17°12'17	5♏38	26°D 6	5°32	4°48	7° 2	19° 5	15°15	13°41	2°15	7°24	7° 2	18°20	3°47	F 27
S 28	9 7 40	18°12'56	18°30	26° 8	6°43	5° 8	7°14	19°13	15°18	13°39	2°16	7°D24	6°59	18°27	3°50	S 28
S 29	9 11 37	19°13'35	1♐45	26°17	7°54	5°28	7°26	19°20	15°22	13°38	2°17	7°24	6°56	18°34	3°53	S 29
M30	9 15 33	20°14'12	15°24	26°33	9° 5	5°48	7°38	19°27	15°25	13°37	2°18	7°25	6°53	18°40	3°56	M30
T 31	9 19 30	21♒14'49	29♐30	26♑54	10♑16	6♊ 9	7♑50	19♒34	15♒29	13♋36	2♈19	7♒26	6♒50	18♌47	3♈59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s53	23s31	5s 5	18s 5	0s10	18s27	2n51	22n27	2n32	23s19	0n10	17s 7	1s 6	17s22	0s39	22n 0	0s43	14s34	16s44	18s25	18s12	15n38	3n18	2n22
M 2	21 43	26 3	4 36	17 38	0n 5	18 40	2 49	22 28	2 32	23 19	0 10	17 5	1 6	17 21	0 39	22 0	0 43	14 33	16 43	18 26	18 13	15 35	3 18	2 22
T 3	21 33	27 1	3 49	17 12	0 21	18 54	2 47	22 29	2 32	23 19	0 10	17 3	1 6	17 20	0 39	22 1	0 43	14 33	16 43	18 26	18 14	15 32	3 19	2 22
W 4	21 23	26 7	2 46	16 48	0 38	19 6	2 45	22 31	2 31	23 19	0 9	17 1	1 6	17 19	0 39	22 1	0 43	14 32	16 43	18 27	18 15	15 30	3 19	2 22
T 5	21 12	23 20	1 30	16 26	0 55	19 19	2 43	22 33	2 31	23 19	0 9	16 59	1 6	17 18	0 39	22 1	0 43	14 32	16 42	18 27	18 15	15 27	3 20	2 21
F 6	21 1	18 54	0 7	16 7	1 13	19 31	2 40	22 34	2 31	23 19	0 9	16 57	1 6	17 17	0 39	22 1	0 43	14 31	16 42	18 27	18 16	15 24	3 21	2 21
S 7	20 49	13 15	1n16	15 50	1 31	19 42	2 38	22 36	2 31	23 19	0 9	16 55	1 6	17 16	0 39	22 1	0 43	14 30	16 42	18 27	18 17	15 21	3 21	2 21
S 8	20 37	6 53	2 33	15 37	1 49	19 53	2 35	22 38	2 31	23 19	0 9	16 53	1 6	17 15	0 39	22 2	0 43	14 30	16 41	18 27	18 18	15 18	3 22	2 21
M 9	20 25	0 16	3 39	15 27	2 7	20 4	2 33	22 40	2 30	23 18	0 9	16 51	1 6	17 14	0 39	22 2	0 43	14 29	16 41	18 27	18 19	15 16	3 22	2 21
T 10	20 12	6n12	4 29	15 21	2 25	20 14	2 30	22 42	2 30	23 18	0 9	16 48	1 6	17 13	0 39	22 2	0 43	14 29	16 41	18 26	18 20	15 13	3 23	2 20
W11	19 59	12 10	5 2	15 18	2 41	20 24	2 27	22 45	2 30	23 18	0 9	16 46	1 6	17 12	0 39	22 2	0 43	14 28	16 40	18 26	18 20	15 10	3 24	2 20
T 12	19 46	17 23	5 17	15 18	2 55	20 33	2 25	22 47	2 30	23 18	0 9	16 44	1 6	17 11	0 39	22 2	0 43	14 27	16 40	18 26	18 21	15 7	3 24	2 20
F 13	19 32	21 38	5 15	15 22	3 9	20 42	2 22	22 50	2 29	23 17	0 9	16 42	1 6	17 10	0 39	22 3	0 43	14 27	16 40	18 26	18 22	15 4	3 25	2 20
S 14	19 18	24 43	4 57	15 29	3 19	20 50	2 19	22 52	2 29	23 17	0 9	16 40	1 6	17 9	0 39	22 3	0 43	14 26	16 39	18 26	18 23	15 1	3 26	2 20
S 15	19 3	26 32	4 25	15 38	3 28	20 58	2 16	22 55	2 29	23 17	0 9	16 38	1 6	17 8	0 39	22 3	0 43	14 26	16 39	18 27	18 24	14 59	3 26	2 20
M16	18 48	27 1	3 41	15 50	3 34	21 5	2 13	22 57	2 28	23 16	0 8	16 36	1 6	17 7	0 39	22 3	0 43	14 25	16 39	18 27	18 24	14 56	3 27	2 19
T 17	18 33	26 11	2 48	16 3	3 38	21 11	2 10	23 0	2 28	23 16	0 8	16 33	1 6	17 6	0 39	22 3	0 43	14 24	16 38	18 27	18 25	14 53	3 28	2 19
W18	18 17	24 8	1 49	16 17	3 39	21 18	2 6	23 3	2 28	23 15	0 8	16 31	1 6	17 5	0 39	22 3	0 43	14 24	16 38	18 27	18 26	14 50	3 29	2 19
T 19	18 1	21 2	0 45	16 32	3 38	21 23	2 3	23 6	2 27	23 15	0 8	16 29	1 6	17 4	0 39	22 4	0 43	14 23	16 38	18 27	18 27	14 47	3 30	2 19
F 20	17 45	17 6	0s21	16 48	3 35	21 28	2 0	23 9	2 27	23 15	0 8	16 27	1 7	17 3	0 39	22 4	0 43	14 22	16 38	18 27	18 28	14 44	3 30	2 19
S 21	17 28	12 31	1 26	17 3	3 30	21 33	1 57	23 12	2 26	23 14	0 8	16 25	1 7	17 2	0 39	22 4	0 43	14 22	16 37	18 27	18 29	14 42	3 31	2 18
S 22	17 12	7 28	2 27	17 19	3 23	21 36	1 53	23 15	2 26	23 14	0 8	16 23	1 7	17 1	0 39	22 4	0 43	14 21	16 37	18 27	18 29	14 39	3 32	2 18
M23	16 54	2 9	3 21	17 34	3 15	21 40	1 50	23 18	2 26	23 13	0 8	16 20	1 7	17 0	0 39	22 4	0 43	14 21	16 37	18 27	18 30	14 36	3 33	2 18
T 24	16 37	3s16	4 8	17 49	3 6	21 42	1 46	23 21	2 25	23 13	0 8	16 18	1 7	16 59	0 39	22 4	0 43	14 20	16 37	18 27	18 31	14 33	3 34	2 18
W25	16 19	8 38	4 44	18 3	2 56	21 44	1 43	23 24	2 25	23 12	0 8	16 16	1 7	16 58	0 39	22 5	0 43	14 19	16 36	18 27	18 32	14 30	3 35	2 18
T 26	16 1	13 45	5 8	18 16	2 45	21 46	1 40	23 27	2 24	23 12	0 8	16 14	1 7	16 57	0 39	22 5	0 43	14 19	16 36	18 28	18 33	14 27	3 36	2 18
F 27	15 43	18 24	5 17	18 28	2 33	21 47	1 36	23 30	2 24	23 11	0 7	16 12	1 7	16 56	0 39	22 5	0 43	14 18	16 36	18 28	18 33	14 24	3 37	2 17
S 28	15 24	22 21	5 11	18 39	2 21	21 47	1 32	23 33	2 23	23 10	0 7	16 9	1 7	16 55	0 39	22 5	0 43	14 17	16 35	18 28	18 34	14 21	3 38	2 17
S 29	15 5	25 17	4 49	18 49	2 9	21 47	1 29	23 37	2 23	23 10	0 7	16 7	1 7	16 54	0 39	22 5	0 43	14 17	16 35	18 28	18 35	14 19	3 39	2 17
M30	14 46	26 50	4 10	18 59	1 57	21 46	1 25	23 40	2 23	23 9	0 7	16 5	1 7	16 53	0 39	22 5	0 43	14 16	16 35	18 28	18 36	14 16	3 40	2 17
T 31	14s27	26s45	3s15	19s 6	1n45	21s44	1n22	23n43	2n22	23s 9	0n 7	16s 3	1s 7	16s52	0s39	22n 6	0s43	14s15	16s35	18s27	18s37	14n13	3n41	2n17

Julian Day Number = 2298518.5, Delta T = 118.23 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'36, Lahiri = 18°00'36 Julian Calendar 1 Jan. 1581 == Greg. Calendar 11 Jan. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

FEBRUARY 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 23 27	22♒15'24	14♑ 1	27♑21	11♑28	6♊30	8♑ 1	19♒41	15♒32	13°R34	2♈20	7♒27	6♒46	18♌54	4♈ 1	W 1
T 2	9 27 23	23°15'57	28°54	27°53	12°39	6°52	8°13	19°49	15°35	13♋33	2°21	7°28	6°43	19° 0	4° 4	T 2
F 3	9 31 20	24°16'29	14♒ 2	28°29	13°50	7°14	8°25	19°56	15°39	13°32	2°23	7°R28	6°40	19° 7	4° 7	F 3
S 4	9 35 16	25°17'00	29°16	29°10	15° 2	7°36	8°36	20° 3	15°42	13°31	2°24	7°27	6°37	19°14	4°10	S 4
S 5	9 39 13	26°17'29	14♓26	29°55	16°13	7°59	8°48	20°10	15°46	13°30	2°25	7°25	6°34	19°20	4°13	S 5
M 6	9 43 9	27°17'56	29°24	0♒44	17°25	8°22	8°59	20°18	15°49	13°28	2°26	7°23	6°30	19°27	4°17	M 6
T 7	9 47 6	28°18'21	14♈ 0	1°36	18°36	8°45	9°11	20°25	15°53	13°27	2°28	7°20	6°27	19°33	4°20	T 7
W 8	9 51 2	29°18'44	28°10	2°31	19°48	9° 8	9°22	20°32	15°56	13°26	2°29	7°17	6°24	19°40	4°23	W 8
T 9	9 54 59	0♓19'05	11♉52	3°29	21° 0	9°32	9°33	20°39	16° 0	13°25	2°30	7°15	6°21	19°47	4°26	T 9
F 10	9 58 56	1°19'25	25° 6	4°30	22°11	9°56	9°44	20°46	16° 3	13°24	2°31	7°14	6°18	19°53	4°29	F 10
S 11	10 2 52	2°19'42	7♊56	5°33	23°23	10°20	9°55	20°53	16° 6	13°23	2°33	7°D14	6°15	20° 0	4°32	S 11
S 12	10 6 49	3°19'57	20°24	6°39	24°35	10°45	10° 6	21° 1	16°10	13°22	2°34	7°15	6°11	20° 7	4°36	S 12
M13	10 10 45	4°20'11	2♋36	7°47	25°47	11°10	10°16	21° 8	16°13	13°21	2°35	7°17	6° 8	20°13	4°39	M13
T 14	10 14 42	5°20'22	14°35	8°57	26°59	11°35	10°27	21°15	16°16	13°20	2°37	7°18	6° 5	20°20	4°42	T 14
W15	10 18 38	6°20'31	26°27	10° 9	28°11	12° 0	10°38	21°22	16°20	13°19	2°38	7°20	6° 2	20°27	4°46	W15
T 16	10 22 35	7°20'38	8♌14	11°22	29°23	12°26	10°48	21°29	16°23	13°18	2°39	7°R20	5°59	20°33	4°49	T 16
F 17	10 26 31	8°20'43	20° 1	12°38	0♒35	12°52	10°59	21°36	16°26	13°18	2°41	7°20	5°56	20°40	4°52	F 17
S 18	10 30 28	9°20'46	1♍50	13°55	1°47	13°18	11° 9	21°43	16°30	13°17	2°42	7°17	5°52	20°47	4°56	S 18
S 19	10 34 25	10°20'47	13°44	15°14	2°59	13°44	11°19	21°50	16°33	13°16	2°43	7°13	5°49	20°53	4°59	S 19
M20	10 38 21	11°20'46	25°43	16°35	4°11	14°10	11°29	21°57	16°36	13°15	2°45	7° 7	5°46	21° 0	5° 3	M20
T 21	10 42 18	12°20'44	7♎50	17°57	5°23	14°37	11°39	22° 4	16°39	13°15	2°46	7° 1	5°43	21° 7	5° 6	T 21
W22	10 46 14	13°20'39	20° 6	19°20	6°35	15° 4	11°49	22°11	16°43	13°14	2°47	6°54	5°40	21°13	5° 9	W22
T 23	10 50 11	14°20'33	2♏33	20°45	7°48	15°31	11°59	22°18	16°46	13°13	2°49	6°48	5°36	21°20	5°13	T 23
F 24	10 54 7	15°20'25	15°13	22°11	9° 0	15°58	12° 8	22°24	16°49	13°13	2°50	6°43	5°33	21°26	5°16	F 24
S 25	10 58 4	16°20'15	28° 7	23°38	10°12	16°26	12°18	22°31	16°52	13°12	2°52	6°40	5°30	21°33	5°20	S 25
S 26	11 2 0	17°20'04	11♐19	25° 7	11°25	16°54	12°27	22°38	16°55	13°11	2°53	6°38	5°27	21°40	5°24	S 26
M27	11 5 57	18°19'51	24°50	26°37	12°37	17°21	12°36	22°45	16°58	13°11	2°55	6°D38	5°24	21°46	5°27	M27
T 28	11 9 53	19♓19'36	8♑42	28♒ 9	13♒49	17♊49	12♑45	22♒52	17♒ 1	13♋10	2♈56	6♒39	5♒21	21♌53	5♈31	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s 8	24s51	2s 6	19s13	1n33	21s42	1n18	23n46	2n22	23s 8	0n 7	16s 1	1s 7	16s51	0s39	22n 6	0s43	14s15	16s35	18s27	18s37	14n10	3n42	2n17
T 2	13 48	21 12	0 47	19 19	1 21	21 39	1 14	23 50	2 21	23 7	0 7	15 58	1 7	16 50	0 39	22 6	0 43	14 14	16 34	18 27	18 38	14 7	3 43	2 17
F 3	13 28	16 5	0n36	19 23	1 9	21 36	1 11	23 53	2 21	23 7	0 7	15 56	1 7	16 49	0 39	22 6	0 42	14 13	16 34	18 27	18 39	14 4	3 44	2 16
S 4	13 7	9 55	1 58	19 26	0 57	21 32	1 7	23 56	2 20	23 6	0 7	15 54	1 7	16 48	0 39	22 6	0 42	14 13	16 34	18 27	18 40	14 1	3 45	2 16
S 5	12 47	3 13	3 11	19 28	0 46	21 27	1 3	23 59	2 20	23 5	0 7	15 52	1 7	16 47	0 39	22 6	0 42	14 12	16 34	18 28	18 41	13 58	3 46	2 16
M 6	12 26	3n34	4 9	19 29	0 35	21 22	1 0	24 3	2 19	23 5	0 7	15 49	1 8	16 46	0 39	22 7	0 42	14 11	16 33	18 28	18 41	13 56	3 47	2 16
T 7	12 5	9 59	4 50	19 28	0 24	21 16	0 56	24 6	2 19	23 4	0 7	15 47	1 8	16 45	0 39	22 7	0 42	14 11	16 33	18 29	18 42	13 53	3 48	2 16
W 8	11 44	15 41	5 11	19 26	0 13	21 10	0 52	24 9	2 18	23 3	0 6	15 45	1 8	16 43	0 39	22 7	0 42	14 10	16 33	18 30	18 43	13 50	3 49	2 16
T 9	11 23	20 25	5 14	19 23	0 3	21 3	0 49	24 12	2 18	23 3	0 6	15 43	1 8	16 42	0 39	22 7	0 42	14 9	16 33	18 30	18 44	13 47	3 50	2 16
F 10	11 2	23 56	5 0	19 18	0s 7	20 55	0 45	24 15	2 17	23 2	0 6	15 41	1 8	16 41	0 39	22 7	0 42	14 9	16 33	18 30	18 45	13 44	3 51	2 15
S 11	10 40	26 9	4 31	19 12	0 17	20 47	0 42	24 18	2 17	23 1	0 6	15 38	1 8	16 40	0 39	22 7	0 42	14 8	16 33	18 30	18 45	13 41	3 53	2 15
S 12	10 18	26 59	3 50	19 5	0 26	20 38	0 38	24 21	2 16	23 1	0 6	15 36	1 8	16 39	0 40	22 7	0 42	14 7	16 32	18 30	18 46	13 38	3 54	2 15
M13	9 57	26 28	3 0	18 56	0 35	20 29	0 34	24 24	2 16	23 0	0 6	15 34	1 8	16 38	0 40	22 7	0 42	14 7	16 32	18 30	18 47	13 35	3 55	2 15
T 14	9 35	24 43	2 2	18 46	0 44	20 19	0 31	24 27	2 15	22 59	0 6	15 32	1 8	16 37	0 40	22 8	0 42	14 6	16 32	18 29	18 48	13 32	3 56	2 15
W15	9 12	21 53	1 0	18 35	0 52	20 8	0 27	24 30	2 15	22 58	0 6	15 30	1 8	16 36	0 40	22 8	0 42	14 5	16 32	18 29	18 49	13 29	3 57	2 15
T 16	8 50	18 10	0s 5	18 22	1 0	19 57	0 24	24 33	2 14	22 58	0 6	15 27	1 8	16 36	0 40	22 8	0 42	14 5	16 32	18 29	18 49	13 26	3 59	2 15
F 17	8 28	13 45	1 9	18 8	1 8	19 45	0 20	24 36	2 14	22 57	0 6	15 25	1 9	16 35	0 40	22 8	0 42	14 4	16 32	18 29	18 50	13 24	4 0	2 14
S 18	8 5	8 49	2 10	17 53	1 15	19 33	0 16	24 39	2 13	22 56	0 6	15 23	1 9	16 34	0 40	22 8	0 42	14 3	16 31	18 30	18 51	13 21	4 1	2 14
S 19	7 42	3 33	3 6	17 36	1 22	19 20	0 13	24 42	2 13	22 55	0 5	15 21	1 9	16 33	0 40	22 8	0 42	14 3	16 31	18 31	18 52	13 18	4 2	2 14
M20	7 20	1s52	3 54	17 18	1 28	19 6	0 9	24 44	2 12	22 55	0 5	15 19	1 9	16 32	0 40	22 8	0 42	14 2	16 31	18 32	18 52	13 15	4 4	2 14
T 21	6 57	7 16	4 32	16 59	1 34	18 52	0 6	24 47	2 12	22 54	0 5	15 16	1 9	16 31	0 40	22 8	0 42	14 1	16 31	18 34	18 53	13 12	4 5	2 14
W22	6 34	12 28	4 58	16 38	1 40	18 38	0 3	24 50	2 11	22 53	0 5	15 14	1 9	16 30	0 40	22 8	0 42	14 1	16 31	18 35	18 54	13 9	4 6	2 14
T 23	6 11	17 14	5 10	16 16	1 45	18 22	0s 1	24 52	2 11	22 52	0 5	15 12	1 9	16 29	0 40	22 9	0 42	14 0	16 31	18 37	18 55	13 6	4 7	2 14
F 24	5 47	21 20	5 7	15 53	1 50	18 7	0 4	24 55	2 10	22 51	0 5	15 10	1 9	16 28	0 40	22 9	0 42	13 59	16 31	18 38	18 56	13 3	4 9	2 14
S 25	5 24	24 29	4 49	15 28	1 55	17 51	0 7	24 57	2 10	22 51	0 5	15 8	1 9	16 27	0 40	22 9	0 42	13 59	16 31	18 39	18 56	13 0	4 10	2 14
S 26	5 1	26 25	4 16	15 3	1 59	17 34	0 11	24 59	2 9	22 50	0 5	15 6	1 9	16 26	0 40	22 9	0 42	13 58	16 30	18 39	18 57	12 57	4 11	2 13
M27	4 38	26 51	3 28	14 35	2 2	17 17	0 14	25 1	2 8	22 49	0 5	15 4	1 10	16 25	0 40	22 9	0 42	13 57	16 30	18 39	18 58	12 54	4 13	2 13
T 28	4s14	25s38	2s26	14s 7	2s 6	16s59	0s17	25n 4	2n 8	22s48	0n 5	15s 1	1s10	16s24	0s40	22n 9	0s42	13s57	16s30	18s39	18s59	12n51	4n14	2n13

Julian Day Number = 2298549.5, Delta T = 118.09 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'40, Lahiri = 18°00'40 Julian Calendar 1 Feb. 1581 == Greg. Calendar 11 Feb. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

MARCH 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 13 50	20♓19'20	22♑56	29♒42	15♒ 2	18♊18	12♑55	22♒58	17♒ 4	13°R10	2♈57	6♒40	5♒17	22♌ 0	5♈34	W 1
T 2	11 17 47	21°19'02	7♒31	1♓16	16°14	18°46	13° 3	23° 5	17° 7	13♋10	2°59	6°R41	5°14	22° 6	5°38	T 2
F 3	11 21 43	22°18'42	22°22	2°51	17°27	19°15	13°12	23°12	17°10	13° 9	3° 0	6°40	5°11	22°13	5°41	F 3
S 4	11 25 40	23°18'20	7♓24	4°28	18°39	19°43	13°21	23°18	17°13	13° 9	3° 2	6°37	5° 8	22°20	5°45	S 4
S 5	11 29 36	24°17'56	22°28	6° 5	19°52	20°12	13°29	23°25	17°16	13° 8	3° 3	6°32	5° 5	22°26	5°49	S 5
M 6	11 33 33	25°17'30	7♈25	7°45	21° 5	20°41	13°38	23°31	17°19	13° 8	3° 5	6°25	5° 2	22°33	5°52	M 6
T 7	11 37 29	26°17'02	22° 6	9°25	22°17	21°10	13°46	23°38	17°22	13° 8	3° 6	6°17	4°58	22°40	5°56	T 7
W 8	11 41 26	27°16'32	6♉23	11° 7	23°30	21°40	13°54	23°44	17°25	13° 8	3° 8	6° 9	4°55	22°46	6° 0	W 8
T 9	11 45 22	28°15'59	20°14	12°50	24°42	22° 9	14° 2	23°51	17°28	13° 7	3° 9	6° 2	4°52	22°53	6° 3	T 9
F 10	11 49 19	29°15'24	3♊35	14°34	25°55	22°39	14°10	23°57	17°31	13° 7	3°10	5°56	4°49	23° 0	6° 7	F 10
S 11	11 53 16	0♈14'47	16°30	16°19	27° 8	23° 9	14°18	24° 3	17°34	13° 7	3°12	5°53	4°46	23° 6	6°11	S 11
S 12	11 57 12	1°14'08	29° 1	18° 6	28°20	23°39	14°25	24°10	17°36	13° 7	3°13	5°D52	4°42	23°13	6°14	S 12
M13	12 1 9	2°13'26	11♋13	19°55	29°33	24° 9	14°33	24°16	17°39	13° 7	3°15	5°53	4°39	23°20	6°18	M13
T 14	12 5 5	3°12'42	23°11	21°44	0♓46	24°39	14°40	24°22	17°42	13°D 7	3°16	5°54	4°36	23°26	6°22	T 14
W15	12 9 2	4°11'56	5♌ 1	23°35	1°58	25° 9	14°47	24°28	17°44	13° 7	3°18	5°R54	4°33	23°33	6°25	W15
T 16	12 12 58	5°11'07	16°47	25°28	3°11	25°40	14°54	24°34	17°47	13° 7	3°19	5°54	4°30	23°40	6°29	T 16
F 17	12 16 55	6°10'16	28°35	27°21	4°24	26°10	15° 1	24°40	17°50	13° 7	3°21	5°51	4°27	23°46	6°33	F 17
S 18	12 20 51	7° 9'23	10♍27	29°17	5°37	26°41	15° 8	24°46	17°52	13° 7	3°22	5°46	4°23	23°53	6°37	S 18
S 19	12 24 48	8° 8'27	22°27	1♈13	6°49	27°12	15°14	24°52	17°55	13° 7	3°24	5°38	4°20	23°59	6°40	S 19
M20	12 28 45	9° 7'30	4♎37	3°11	8° 2	27°43	15°21	24°58	17°57	13° 7	3°25	5°28	4°17	24° 6	6°44	M20
T 21	12 32 41	10° 6'30	16°58	5°10	9°15	28°14	15°27	25° 4	18° 0	13° 8	3°27	5°16	4°14	24°13	6°48	T 21
W22	12 36 38	11° 5'28	29°30	7°10	10°28	28°45	15°33	25°10	18° 2	13° 8	3°28	5° 4	4°11	24°19	6°51	W22
T 23	12 40 34	12° 4'25	12♏13	9°12	11°41	29°16	15°39	25°15	18° 4	13° 8	3°30	4°53	4° 7	24°26	6°55	T 23
F 24	12 44 31	13° 3'19	25° 9	11°15	12°54	29°47	15°45	25°21	18° 7	13° 8	3°31	4°43	4° 4	24°33	6°59	F 24
S 25	12 48 27	14° 2'12	8♐16	13°18	14° 6	0♋19	15°51	25°27	18° 9	13° 9	3°32	4°36	4° 1	24°39	7° 2	S 25
S 26	12 52 24	15° 1'03	21°36	15°23	15°19	0°50	15°56	25°32	18°11	13° 9	3°34	4°31	3°58	24°46	7° 6	S 26
M27	12 56 20	15°59'52	5♑ 9	17°28	16°32	1°22	16° 1	25°38	18°14	13°10	3°35	4°29	3°55	24°53	7°10	M27
T 28	13 0 17	16°58'39	18°56	19°34	17°45	1°54	16° 7	25°43	18°16	13°10	3°37	4°D29	3°52	24°59	7°13	T 28
W29	13 4 14	17°57'25	2♒58	21°41	18°58	2°25	16°12	25°49	18°18	13°10	3°38	4°R29	3°48	25° 6	7°17	W29
T 30	13 8 10	18°56'09	17°14	23°47	20°11	2°57	16°16	25°54	18°20	13°11	3°40	4°29	3°45	25°13	7°21	T 30
F 31	13 12 7	19♈54'52	1♓44	25♈54	21♓24	3♋29	16♑21	25♒59	18♒22	13♋11	3♈41	4♒26	3♒42	25♌19	7♈24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s51	22s45	1s14	13s37	2s 9	16s41	0s20	25n 6	2n 7	22s48	0n 4	14s59	1s10	16s23	0s40	22n 9	0s42	13s56	16s30	18s39	18s59	12n48	4n15	2n13
T 2	3 27	18 22	0n 4	13 5	2 11	16 23	0 23	25 8	2 7	22 47	0 4	14 57	1 10	16 22	0 40	22 9	0 42	13 55	16 30	18 39	19 0	12 45	4 17	2 13
F 3	3 3	12 46	1 24	12 33	2 13	16 3	0 26	25 9	2 6	22 46	0 4	14 55	1 10	16 21	0 40	22 9	0 42	13 55	16 30	18 39	19 1	12 43	4 18	2 13
S 4	2 40	6 22	2 38	11 59	2 15	15 44	0 29	25 11	2 6	22 45	0 4	14 53	1 10	16 21	0 40	22 9	0 42	13 54	16 30	18 40	19 2	12 40	4 19	2 13
S 5	2 16	0n24	3 42	11 24	2 16	15 24	0 32	25 13	2 5	22 45	0 4	14 51	1 10	16 20	0 40	22 9	0 42	13 54	16 30	18 41	19 3	12 37	4 21	2 13
M 6	1 53	7 4	4 29	10 48	2 16	15 4	0 35	25 15	2 5	22 44	0 4	14 49	1 10	16 19	0 40	22 9	0 42	13 53	16 30	18 43	19 3	12 34	4 22	2 13
T 7	1 29	13 14	4 58	10 10	2 17	14 43	0 38	25 16	2 4	22 43	0 4	14 47	1 10	16 18	0 40	22 9	0 41	13 52	16 30	18 45	19 4	12 31	4 23	2 13
W 8	1 5	18 30	5 7	9 31	2 16	14 22	0 41	25 17	2 4	22 42	0 4	14 45	1 11	16 17	0 40	22 10	0 41	13 52	16 30	18 47	19 5	12 28	4 25	2 12
T 9	0 41	22 37	4 58	8 51	2 16	14 0	0 43	25 19	2 3	22 42	0 4	14 43	1 11	16 16	0 40	22 10	0 41	13 51	16 30	18 49	19 6	12 25	4 26	2 12
F 10	0 18	25 23	4 33	8 9	2 15	13 38	0 46	25 20	2 3	22 41	0 4	14 41	1 11	16 15	0 40	22 10	0 41	13 51	16 30	18 50	19 6	12 22	4 27	2 12
S 11	0n 6	26 41	3 54	7 27	2 13	13 16	0 49	25 21	2 2	22 40	0 3	14 39	1 11	16 15	0 40	22 10	0 41	13 50	16 30	18 51	19 7	12 19	4 29	2 12
S 12	0 30	26 34	3 5	6 43	2 11	12 53	0 51	25 22	2 2	22 39	0 3	14 37	1 11	16 14	0 40	22 10	0 41	13 49	16 30	18 51	19 8	12 16	4 30	2 12
M13	0 53	25 10	2 9	5 58	2 8	12 30	0 54	25 23	2 1	22 39	0 3	14 35	1 11	16 13	0 40	22 10	0 41	13 49	16 30	18 51	19 9	12 13	4 32	2 12
T 14	1 17	22 37	1 8	5 12	2 5	12 6	0 56	25 24	2 1	22 38	0 3	14 33	1 11	16 12	0 40	22 10	0 41	13 48	16 30	18 51	19 9	12 10	4 33	2 12
W15	1 40	19 8	0 5	4 24	2 1	11 42	0 59	25 24	2 0	22 37	0 3	14 31	1 11	16 11	0 40	22 10	0 41	13 48	16 30	18 50	19 10	12 7	4 34	2 12
T 16	2 4	14 55	0s58	3 36	1 57	11 18	1 1	25 25	2 0	22 37	0 3	14 29	1 12	16 11	0 40	22 10	0 41	13 47	16 30	18 51	19 11	12 4	4 36	2 12
F 17	2 27	10 9	1 58	2 46	1 52	10 54	1 3	25 25	1 59	22 36	0 3	14 27	1 12	16 10	0 40	22 10	0 41	13 46	16 30	18 51	19 12	12 1	4 37	2 12
S 18	2 51	4 59	2 54	1 56	1 47	10 29	1 5	25 26	1 59	22 35	0 3	14 25	1 12	16 9	0 40	22 10	0 41	13 46	16 30	18 53	19 12	11 58	4 39	2 12
S 19	3 14	0s24	3 42	1 4	1 41	10 4	1 7	25 26	1 58	22 35	0 3	14 24	1 12	16 8	0 40	22 10	0 41	13 45	16 30	18 54	19 13	11 55	4 40	2 12
M20	3 37	5 49	4 21	0 11	1 35	9 39	1 9	25 26	1 58	22 34	0 3	14 22	1 12	16 8	0 40	22 10	0 41	13 45	16 30	18 57	19 14	11 52	4 41	2 12
T 21	4 1	11 6	4 48	0n42	1 28	9 13	1 11	25 26	1 57	22 33	0 2	14 20	1 12	16 7	0 40	22 10	0 41	13 44	16 30	19 0	19 15	11 49	4 43	2 11
W22	4 24	16 0	5 1	1 37	1 21	8 47	1 13	25 26	1 57	22 33	0 2	14 18	1 12	16 6	0 40	22 10	0 41	13 44	16 30	19 3	19 15	11 46	4 44	2 11
T 23	4 47	20 18	5 0	2 32	1 13	8 21	1 15	25 26	1 56	22 32	0 2	14 16	1 13	16 5	0 40	22 10	0 41	13 43	16 30	19 5	19 16	11 43	4 46	2 11
F 24	5 10	23 41	4 44	3 28	1 5	7 55	1 17	25 25	1 56	22 32	0 2	14 15	1 13	16 5	0 40	22 10	0 41	13 43	16 30	19 8	19 17	11 40	4 47	2 11
S 25	5 33	25 53	4 12	4 24	0 56	7 29	1 19	25 25	1 55	22 31	0 2	14 13	1 13	16 4	0 40	22 10	0 41	13 42	16 30	19 9	19 18	11 37	4 48	2 11
S 26	5 56	26 40	3 27	5 21	0 47	7 2	1 20	25 24	1 55	22 31	0 2	14 11	1 13	16 3	0 40	22 10	0 41	13 42	16 30	19 11	19 18	11 34	4 50	2 11
M27	6 18	25 53	2 29	6 18	0 38	6 35	1 22	25 23	1 54	22 30	0 2	14 9	1 13	16 3	0 41	22 10	0 41	13 41	16 30	19 11	19 19	11 31	4 51	2 11
T 28	6 41	23 30	1 22	7 15	0 28	6 8	1 23	25 22	1 53	22 30	0 2	14 8	1 13	16 2	0 41	22 10	0 41	13 41	16 30	19 11	19 20	11 28	4 53	2 11
W29	7 4	19 40	0 8	8 12	0 18	5 40	1 25	25 21	1 53	22 29	0 2	14 6	1 14	16 1	0 41	22 10	0 41	13 40	16 30	19 11	19 21	11 25	4 54	2 11
T 30	7 26	14 38	1n 7	9 9	0 7	5 13	1 26	25 20	1 52	22 29	0 1	14 4	1 14	16 1	0 41	22 10	0 41	13 40	16 31	19 11	19 21	11 22	4 56	2 11
F 31	7n48	8s43	2n19	10n 5	0n 4	4s45	1s27	25n19	1n52	22s28	0n 1	14s 3	1s14	16s 0	0s41	22n10	0s41	13s39	16s31	19s12	19s22	11n19	4n57	2n11

Julian Day Number = 2298577.5, Delta T = 117.95 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'44, Lahiri = 18°00'44 Julian Calendar 1 March 1581 == Greg. Calendar 11 March 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

APRIL 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 3	20♈53'32	16♓23	28♈ 0	22♓37	4♋ 2	16♑26	26♒ 4	18♒24	13♋12	3♈42	4°R21	3♒39	25♌26	7♈28	S 1
S 2	13 20 0	21°52'11	1♈ 7	0♉ 5	23°50	4°34	16°30	26° 9	18°26	13°13	3°44	4♒14	3°36	25°33	7°31	S 2
M 3	13 23 56	22°50'48	15°46	2° 9	25° 3	5° 6	16°34	26°14	18°28	13°13	3°45	4° 4	3°33	25°39	7°35	M 3
T 4	13 27 53	23°49'23	0♉15	4°12	26°16	5°38	16°38	26°19	18°30	13°14	3°47	3°52	3°29	25°46	7°39	T 4
W 5	13 31 49	24°47'56	14°26	6°14	27°29	6°11	16°42	26°24	18°32	13°15	3°48	3°41	3°26	25°53	7°42	W 5
T 6	13 35 46	25°46'27	28°13	8°13	28°42	6°43	16°45	26°29	18°34	13°15	3°49	3°30	3°23	25°59	7°46	T 6
F 7	13 39 43	26°44'56	11♊35	10°10	29°55	7°16	16°49	26°34	18°36	13°16	3°51	3°21	3°20	26° 6	7°49	F 7
S 8	13 43 39	27°43'23	24°32	12° 5	1♈ 8	7°49	16°52	26°38	18°37	13°17	3°52	3°16	3°17	26°13	7°53	S 8
S 9	13 47 36	28°41'48	7♋ 5	13°57	2°21	8°22	16°55	26°43	18°39	13°18	3°54	3°12	3°13	26°19	7°56	S 9
M10	13 51 32	29°40'10	19°19	15°45	3°34	8°54	16°58	26°48	18°41	13°19	3°55	3°11	3°10	26°26	8° 0	M10
T 11	13 55 29	0♉38'31	1♌19	17°31	4°47	9°27	17° 1	26°52	18°42	13°20	3°56	3°11	3° 7	26°33	8° 3	T 11
W12	13 59 25	1°36'50	13°11	19°12	6° 0	10° 0	17° 3	26°56	18°44	13°20	3°58	3°10	3° 4	26°39	8° 7	W12
T 13	14 3 22	2°35'06	24°59	20°50	7°13	10°34	17° 6	27° 1	18°45	13°21	3°59	3° 9	3° 1	26°46	8°10	T 13
F 14	14 7 18	3°33'20	6♍48	22°25	8°26	11° 7	17° 8	27° 5	18°47	13°22	4° 0	3° 6	2°58	26°53	8°14	F 14
S 15	14 11 15	4°31'32	18°45	23°55	9°39	11°40	17°10	27° 9	18°48	13°23	4° 2	3° 0	2°54	26°59	8°17	S 15
S 16	14 15 11	5°29'43	0♎52	25°21	10°52	12°13	17°12	27°13	18°50	13°24	4° 3	2°52	2°51	27° 6	8°20	S 16
M17	14 19 8	6°27'51	13°11	26°43	12° 5	12°47	17°13	27°17	18°51	13°25	4° 4	2°41	2°48	27°12	8°24	M17
T 18	14 23 5	7°25'57	25°46	28° 0	13°18	13°20	17°15	27°21	18°52	13°27	4° 5	2°29	2°45	27°19	8°27	T 18
W19	14 27 1	8°24'02	8♏35	29°14	14°31	13°54	17°16	27°25	18°54	13°28	4° 7	2°16	2°42	27°26	8°30	W19
T 20	14 30 58	9°22'06	21°39	0♊23	15°44	14°27	17°17	27°29	18°55	13°29	4° 8	2° 3	2°39	27°32	8°34	T 20
F 21	14 34 54	10°20'07	4♐56	1°27	16°57	15° 1	17°18	27°32	18°56	13°30	4° 9	1°53	2°35	27°39	8°37	F 21
S 22	14 38 51	11°18'07	18°25	2°27	18°10	15°34	17°18	27°36	18°57	13°31	4°10	1°44	2°32	27°46	8°40	S 22
S 23	14 42 47	12°16'06	2♑ 3	3°22	19°23	16° 8	17°19	27°40	18°58	13°33	4°12	1°39	2°29	27°52	8°43	S 23
M24	14 46 44	13°14'03	15°49	4°13	20°36	16°42	17°19	27°43	18°59	13°34	4°13	1°36	2°26	27°59	8°47	M24
T 25	14 50 41	14°11'59	29°44	4°58	21°49	17°16	17°R19	27°46	19° 0	13°35	4°14	1°D36	2°23	28° 6	8°50	T 25
W26	14 54 37	15° 9'54	13♒45	5°39	23° 2	17°50	17°19	27°50	19° 1	13°36	4°15	1°R36	2°19	28°12	8°53	W26
T 27	14 58 34	16° 7'47	27°53	6°15	24°15	18°24	17°19	27°53	19° 2	13°38	4°16	1°35	2°16	28°19	8°56	T 27
F 28	15 2 30	17° 5'39	12♓ 7	6°47	25°28	18°58	17°19	27°56	19° 3	13°39	4°17	1°33	2°13	28°26	8°59	F 28
S 29	15 6 27	18° 3'30	26°25	7°13	26°41	19°32	17°18	27°59	19° 3	13°41	4°19	1°29	2°10	28°32	9° 2	S 29
S 30	15 10 23	19♉ 1'20	10♈43	7♊34	27♈55	20♋ 6	17♑17	28♒ 2	19♒ 4	13♋42	4♈20	1♒22	2♒ 7	28♌39	9♈ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n10	2s16	3n23	11n 1	0n15	4s17	1s28	25n17	1n51	22s28	0n 1	14s 1	1s14	16s 0	0s41	22n10	0s41	13s39	16s31	19s13	19s23	11n16	4n58	2n11
S 2	8 32	4n18	4 13	11 56	0 26	3 49	1 29	25 16	1 51	22 27	0 1	13 59	1 14	15 59	0 41	22 10	0 41	13 38	16 31	19 15	19 24	11 13	5 0	2 11
M 3	8 54	10 37	4 46	12 49	0 37	3 21	1 30	25 14	1 50	22 27	0 1	13 58	1 14	15 58	0 41	22 10	0 41	13 38	16 31	19 17	19 24	11 10	5 1	2 11
T 4	9 16	16 16	5 0	13 42	0 48	2 53	1 31	25 12	1 50	22 27	0 1	13 56	1 15	15 58	0 41	22 10	0 41	13 37	16 31	19 20	19 25	11 7	5 2	2 11
W 5	9 38	20 54	4 56	14 33	0 58	2 25	1 32	25 10	1 49	22 26	0 1	13 55	1 15	15 57	0 41	22 10	0 41	13 37	16 31	19 23	19 26	11 4	5 4	2 11
T 6	9 59	24 15	4 34	15 22	1 9	1 57	1 33	25 8	1 49	22 26	0 1	13 53	1 15	15 57	0 41	22 10	0 40	13 37	16 31	19 25	19 27	11 1	5 5	2 11
F 7	10 20	26 9	3 57	16 9	1 19	1 28	1 34	25 6	1 48	22 26	0 1	13 52	1 15	15 56	0 41	22 10	0 40	13 36	16 31	19 27	19 27	10 58	5 7	2 11
S 8	10 41	26 32	3 9	16 55	1 29	1 0	1 35	25 4	1 48	22 25	0 0	13 50	1 15	15 56	0 41	22 10	0 40	13 36	16 32	19 28	19 28	10 55	5 8	2 11
S 9	11 2	25 32	2 14	17 38	1 39	0 31	1 35	25 1	1 47	22 25	0 0	13 49	1 15	15 55	0 41	22 10	0 40	13 35	16 32	19 29	19 29	10 52	5 9	2 11
M10	11 23	23 18	1 13	18 19	1 48	0 3	1 36	24 58	1 47	22 25	0 0	13 48	1 16	15 55	0 41	22 10	0 40	13 35	16 32	19 29	19 30	10 49	5 11	2 11
T 11	11 43	20 4	0 10	18 57	1 56	0n26	1 36	24 56	1 46	22 25	0 0	13 46	1 16	15 54	0 41	22 9	0 40	13 35	16 32	19 30	19 30	10 46	5 12	2 11
W12	12 4	16 4	0s53	19 33	2 4	0 55	1 36	24 53	1 46	22 24	0s 0	13 45	1 16	15 54	0 41	22 9	0 40	13 34	16 32	19 30	19 31	10 43	5 13	2 11
T 13	12 24	11 27	1 53	20 6	2 11	1 23	1 37	24 49	1 45	22 24	0 0	13 44	1 16	15 53	0 41	22 9	0 40	13 34	16 32	19 30	19 32	10 40	5 15	2 11
F 14	12 44	6 26	2 48	20 37	2 17	1 52	1 37	24 46	1 45	22 24	0 0	13 42	1 16	15 53	0 41	22 9	0 40	13 34	16 33	19 31	19 33	10 37	5 16	2 11
S 15	13 4	1 9	3 36	21 6	2 23	2 20	1 37	24 43	1 44	22 24	0 0	13 41	1 16	15 52	0 41	22 9	0 40	13 33	16 33	19 32	19 33	10 34	5 17	2 10
S 16	13 23	4s15	4 15	21 31	2 27	2 49	1 37	24 39	1 44	22 24	0 1	13 40	1 17	15 52	0 41	22 9	0 40	13 33	16 33	19 34	19 34	10 31	5 19	2 10
M17	13 42	9 34	4 43	21 55	2 31	3 18	1 37	24 36	1 43	22 24	0 1	13 39	1 17	15 52	0 41	22 9	0 40	13 33	16 33	19 36	19 35	10 28	5 20	2 10
T 18	14 1	14 36	4 58	22 16	2 34	3 46	1 37	24 32	1 43	22 24	0 1	13 37	1 17	15 51	0 41	22 9	0 40	13 32	16 33	19 39	19 35	10 25	5 21	2 10
W19	14 20	19 6	4 58	22 34	2 36	4 15	1 37	24 28	1 42	22 24	0 1	13 36	1 17	15 51	0 41	22 9	0 40	13 32	16 34	19 42	19 36	10 22	5 23	2 10
T 20	14 39	22 46	4 43	22 50	2 37	4 43	1 37	24 24	1 42	22 24	0 1	13 35	1 17	15 51	0 41	22 9	0 40	13 32	16 34	19 45	19 37	10 19	5 24	2 10
F 21	14 57	25 18	4 12	23 4	2 37	5 11	1 36	24 20	1 41	22 24	0 1	13 34	1 18	15 50	0 41	22 9	0 40	13 31	16 34	19 47	19 38	10 16	5 25	2 10
S 22	15 15	26 26	3 27	23 15	2 36	5 39	1 36	24 15	1 41	22 24	0 1	13 33	1 18	15 50	0 41	22 9	0 40	13 31	16 34	19 49	19 38	10 13	5 27	2 10
S 23	15 33	25 58	2 30	23 24	2 34	6 8	1 36	24 11	1 40	22 24	0 2	13 32	1 18	15 50	0 41	22 9	0 40	13 31	16 34	19 50	19 39	10 10	5 28	2 10
M24	15 51	23 55	1 23	23 31	2 31	6 36	1 35	24 6	1 40	22 24	0 2	13 31	1 18	15 49	0 41	22 8	0 40	13 30	16 35	19 51	19 40	10 7	5 29	2 10
T 25	16 8	20 25	0 10	23 35	2 27	7 3	1 35	24 1	1 39	22 24	0 2	13 30	1 18	15 49	0 42	22 8	0 40	13 30	16 35	19 51	19 41	10 4	5 30	2 10
W26	16 25	15 43	1n 4	23 38	2 22	7 31	1 34	23 56	1 39	22 24	0 2	13 29	1 18	15 49	0 42	22 8	0 40	13 30	16 35	19 51	19 41	10 1	5 32	2 10
T 27	16 42	10 8	2 15	23 38	2 16	7 59	1 33	23 51	1 38	22 24	0 2	13 28	1 19	15 49	0 42	22 8	0 40	13 30	16 35	19 51	19 42	9 58	5 33	2 10
F 28	16 59	3 59	3 17	23 37	2 9	8 26	1 33	23 46	1 38	22 24	0 2	13 27	1 19	15 48	0 42	22 8	0 40	13 30	16 36	19 52	19 43	9 55	5 34	2 10
S 29	17 15	2n22	4 8	23 33	2 1	8 53	1 32	23 41	1 37	22 25	0 2	13 26	1 19	15 48	0 42	22 8	0 40	13 29	16 36	19 53	19 43	9 52	5 35	2 10
S 30	17n31	8n35	4n43	23n28	1n52	9n20	1s31	23n35	1n37	22s25	0s 2	13s26	1s19	15s48	0s42	22n 8	0s40	13s29	16s36	19s54	19s44	9n49	5n36	2n10

Julian Day Number = 2298608.5, Delta T = 117.80 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'48, Lahiri = 18°00'48 Julian Calendar 1 Apr. 1581 == Greg. Calendar 11 Apr. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

MAY 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 14 20	19♉59'08	24♈57	7♊51	29♈ 8	20♋40	17°R16	28♒ 5	19♒ 5	13♋43	4♈21	1°R13	2♒ 4	28♌46	9♈ 8	M 1
T 2	15 18 16	20°56'56	9♉ 1	8° 2	0♉21	21°14	17♑15	28° 7	19° 5	13°45	4°22	1♒ 2	2° 0	28°52	9°11	T 2
W 3	15 22 13	21°54'42	22°52	8° 9	1°34	21°49	17°13	28°10	19° 6	13°46	4°23	0°51	1°57	28°59	9°14	W 3
T 4	15 26 9	22°52'26	6♊25	8°R11	2°47	22°23	17°12	28°13	19° 7	13°48	4°24	0°41	1°54	29° 6	9°17	T 4
F 5	15 30 6	23°50'09	19°37	8° 8	4° 0	22°58	17°10	28°15	19° 7	13°49	4°25	0°33	1°51	29°12	9°20	F 5
S 6	15 34 3	24°47'51	2♋27	8° 0	5°13	23°32	17° 8	28°17	19° 7	13°51	4°26	0°27	1°48	29°19	9°23	S 6
S 7	15 37 59	25°45'31	14°58	7°48	6°27	24° 7	17° 6	28°20	19° 8	13°53	4°27	0°24	1°45	29°26	9°26	S 7
M 8	15 41 56	26°43'10	27°12	7°32	7°40	24°41	17° 4	28°22	19° 8	13°54	4°28	0°D22	1°41	29°32	9°28	M 8
T 9	15 45 52	27°40'47	9♌13	7°13	8°53	25°16	17° 1	28°24	19° 8	13°56	4°29	0°23	1°38	29°39	9°31	T 9
W10	15 49 49	28°38'23	21° 5	6°49	10° 6	25°50	16°58	28°26	19° 9	13°58	4°30	0°23	1°35	29°46	9°34	W10
T 11	15 53 45	29°35'57	2♍54	6°23	11°19	26°25	16°55	28°28	19° 9	13°59	4°31	0°R24	1°32	29°52	9°36	T 11
F 12	15 57 42	0♊33'30	14°46	5°55	12°32	27° 0	16°52	28°30	19° 9	14° 1	4°32	0°22	1°29	29°59	9°39	F 12
S 13	16 1 39	1°31'01	26°45	5°24	13°45	27°35	16°49	28°31	19° 9	14° 3	4°33	0°19	1°25	0♍ 6	9°42	S 13
S 14	16 5 35	2°28'31	8♎56	4°51	14°59	28°10	16°46	28°33	19°R 9	14° 4	4°34	0°14	1°22	0°12	9°44	S 14
M15	16 9 32	3°26'00	21°23	4°18	16°12	28°45	16°42	28°34	19° 9	14° 6	4°34	0° 7	1°19	0°19	9°47	M15
T 16	16 13 28	4°23'27	4♏ 7	3°44	17°25	29°20	16°38	28°36	19° 9	14° 8	4°35	29♑58	1°16	0°26	9°49	T 16
W17	16 17 25	5°20'54	17°11	3°11	18°38	29°55	16°35	28°37	19° 9	14°10	4°36	29°48	1°13	0°32	9°52	W17
T 18	16 21 21	6°18'19	0♐33	2°38	19°51	0♌30	16°30	28°38	19° 9	14°12	4°37	29°40	1°10	0°39	9°54	T 18
F 19	16 25 18	7°15'43	14°13	2° 7	21° 5	1° 5	16°26	28°40	19° 9	14°13	4°38	29°32	1° 6	0°46	9°56	F 19
S 20	16 29 14	8°13'07	28° 5	1°37	22°18	1°40	16°22	28°41	19° 8	14°15	4°38	29°26	1° 3	0°52	9°59	S 20
S 21	16 33 11	9°10'30	12♑ 8	1°10	23°31	2°15	16°17	28°42	19° 8	14°17	4°39	29°23	1° 0	0°59	10° 1	S 21
M22	16 37 8	10° 7'52	26°18	0°46	24°44	2°50	16°12	28°42	19° 8	14°19	4°40	29°D22	0°57	1° 6	10° 3	M22
T 23	16 41 4	11° 5'13	10♒30	0°24	25°58	3°26	16° 8	28°43	19° 7	14°21	4°41	29°22	0°54	1°12	10° 5	T 23
W24	16 45 1	12° 2'33	24°43	0° 7	27°11	4° 1	16° 3	28°44	19° 7	14°23	4°41	29°23	0°51	1°19	10° 7	W24
T 25	16 48 57	12°59'54	8♓55	29♉53	28°24	4°36	15°57	28°44	19° 6	14°25	4°42	29°R24	0°47	1°26	10° 9	T 25
F 26	16 52 54	13°57'13	23° 4	29°43	29°37	5°12	15°52	28°45	19° 6	14°27	4°43	29°24	0°44	1°32	10°11	F 26
S 27	16 56 50	14°54'32	7♈ 7	29°38	0♊51	5°47	15°47	28°45	19° 5	14°29	4°43	29°22	0°41	1°39	10°13	S 27
S 28	17 0 47	15°51'51	21° 5	29°D36	2° 4	6°23	15°41	28°45	19° 5	14°31	4°44	29°18	0°38	1°46	10°15	S 28
M29	17 4 43	16°49'10	4♉54	29°40	3°17	6°58	15°35	28°45	19° 4	14°33	4°45	29°12	0°35	1°52	10°17	M29
T 30	17 8 40	17°46'28	18°32	29°48	4°31	7°34	15°29	28°R46	19° 3	14°35	4°45	29° 6	0°31	1°59	10°19	T 30
W31	17 12 37	18♊43'45	1♊57	0♊ 0	5♊44	8♌ 9	15♑23	28♒45	19♒ 2	14♋37	4♈46	28♑59	0♒28	2♍ 6	10♈21	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n47	14n20	5n 0	23n20	1n41	9n47	1s30	23n29	1n36	22s25	0s 3	13s25	1s19	15s48	0s42	22n 8	0s40	13s29	16s36	19s56	19s45	9n46	5n38	2n10
T 2	18 2	19 15	4 59	23 11	1 30	10 14	1 29	23 24	1 36	22 26	0 3	13 24	1 20	15 48	0 42	22 8	0 40	13 29	16 37	19 59	19 46	9 42	5 39	2 10
W 3	18 17	23 3	4 40	23 0	1 18	10 40	1 28	23 18	1 35	22 26	0 3	13 23	1 20	15 48	0 42	22 7	0 40	13 29	16 37	20 1	19 46	9 39	5 40	2 10
T 4	18 32	25 28	4 6	22 47	1 5	11 7	1 27	23 12	1 35	22 26	0 3	13 23	1 20	15 47	0 42	22 7	0 40	13 28	16 37	20 3	19 47	9 36	5 41	2 10
F 5	18 47	26 24	3 19	22 33	0 51	11 32	1 26	23 5	1 34	22 27	0 3	13 22	1 20	15 47	0 42	22 7	0 40	13 28	16 37	20 5	19 48	9 33	5 42	2 10
S 6	19 1	25 51	2 23	22 17	0 36	11 58	1 24	22 59	1 34	22 27	0 3	13 21	1 20	15 47	0 42	22 7	0 40	13 28	16 38	20 6	19 48	9 30	5 43	2 10
S 7	19 15	24 0	1 21	21 59	0 20	12 24	1 23	22 52	1 33	22 27	0 3	13 21	1 21	15 47	0 42	22 7	0 40	13 28	16 38	20 7	19 49	9 27	5 45	2 10
M 8	19 28	21 3	0 17	21 41	0 4	12 49	1 22	22 46	1 33	22 28	0 4	13 20	1 21	15 47	0 42	22 7	0 40	13 28	16 38	20 7	19 50	9 24	5 46	2 11
T 9	19 41	17 14	0s47	21 21	0s13	13 14	1 20	22 39	1 32	22 28	0 4	13 20	1 21	15 47	0 42	22 7	0 39	13 28	16 38	20 7	19 51	9 21	5 47	2 11
W10	19 54	12 47	1 48	21 0	0 30	13 38	1 19	22 32	1 32	22 29	0 4	13 19	1 21	15 47	0 42	22 6	0 39	13 28	16 39	20 7	19 51	9 18	5 48	2 11
T 11	20 7	7 54	2 45	20 39	0 47	14 2	1 17	22 25	1 31	22 29	0 4	13 19	1 22	15 47	0 42	22 6	0 39	13 27	16 39	20 7	19 52	9 15	5 49	2 11
F 12	20 19	2 43	3 34	20 17	1 5	14 26	1 16	22 18	1 31	22 30	0 4	13 18	1 22	15 47	0 42	22 6	0 39	13 27	16 39	20 7	19 53	9 12	5 50	2 11
S 13	20 31	2s36	4 15	19 54	1 22	14 50	1 14	22 10	1 31	22 30	0 4	13 18	1 22	15 47	0 42	22 6	0 39	13 27	16 40	20 8	19 53	9 9	5 51	2 11
S 14	20 42	7 55	4 45	19 31	1 40	15 13	1 12	22 3	1 30	22 31	0 4	13 17	1 22	15 47	0 42	22 6	0 39	13 27	16 40	20 9	19 54	9 6	5 52	2 11
M15	20 53	13 1	5 2	19 9	1 56	15 36	1 11	21 55	1 30	22 31	0 5	13 17	1 22	15 47	0 42	22 6	0 39	13 27	16 40	20 10	19 55	9 3	5 53	2 11
T 16	21 4	17 42	5 5	18 46	2 13	15 58	1 9	21 47	1 29	22 32	0 5	13 17	1 23	15 47	0 42	22 5	0 39	13 27	16 41	20 12	19 55	9 0	5 54	2 11
W17	21 15	21 40	4 52	18 25	2 29	16 20	1 7	21 40	1 29	22 33	0 5	13 16	1 23	15 47	0 42	22 5	0 39	13 27	16 41	20 14	19 56	8 57	5 55	2 11
T 18	21 25	24 36	4 23	18 4	2 43	16 42	1 5	21 31	1 28	22 33	0 5	13 16	1 23	15 47	0 42	22 5	0 39	13 27	16 41	20 16	19 57	8 54	5 56	2 11
F 19	21 34	26 10	3 38	17 44	2 57	17 3	1 3	21 23	1 28	22 34	0 5	13 16	1 23	15 47	0 42	22 5	0 39	13 27	16 42	20 18	19 58	8 51	5 57	2 11
S 20	21 44	26 9	2 40	17 26	3 10	17 24	1 1	21 15	1 27	22 35	0 5	13 16	1 23	15 48	0 43	22 5	0 39	13 27	16 42	20 19	19 58	8 47	5 58	2 11
S 21	21 53	24 27	1 31	17 9	3 22	17 44	0 59	21 7	1 27	22 35	0 6	13 16	1 24	15 48	0 43	22 5	0 39	13 27	16 42	20 20	19 59	8 44	5 59	2 11
M22	22 1	21 13	0 17	16 53	3 33	18 4	0 57	20 58	1 26	22 36	0 6	13 16	1 24	15 48	0 43	22 4	0 39	13 27	16 43	20 20	20 0	8 41	6 0	2 11
T 23	22 9	16 41	1n 0	16 40	3 42	18 24	0 55	20 49	1 26	22 37	0 6	13 16	1 24	15 48	0 43	22 4	0 39	13 27	16 43	20 20	20 0	8 38	6 1	2 11
W24	22 17	11 14	2 13	16 28	3 50	18 43	0 53	20 40	1 25	22 38	0 6	13 16	1 24	15 48	0 43	22 4	0 39	13 27	16 43	20 20	20 1	8 35	6 1	2 11
T 25	22 25	5 12	3 17	16 19	3 57	19 1	0 51	20 32	1 25	22 38	0 6	13 16	1 24	15 48	0 43	22 4	0 39	13 27	16 44	20 19	20 2	8 32	6 2	2 11
F 26	22 32	1n 3	4 9	16 11	4 2	19 19	0 49	20 22	1 24	22 39	0 6	13 16	1 25	15 49	0 43	22 4	0 39	13 27	16 44	20 20	20 2	8 29	6 3	2 11
S 27	22 38	7 13	4 46	16 6	4 7	19 37	0 47	20 13	1 24	22 40	0 6	13 16	1 25	15 49	0 43	22 4	0 39	13 27	16 44	20 20	20 3	8 26	6 4	2 11
S 28	22 45	12 58	5 6	16 3	4 10	19 54	0 45	20 4	1 23	22 41	0 7	13 16	1 25	15 49	0 43	22 3	0 39	13 27	16 45	20 21	20 4	8 23	6 5	2 11
M29	22 50	18 0	5 8	16 2	4 11	20 10	0 42	19 54	1 23	22 42	0 7	13 16	1 25	15 49	0 43	22 3	0 39	13 27	16 45	20 22	20 4	8 20	6 6	2 11
T 30	22 56	22 3	4 52	16 3	4 12	20 26	0 40	19 45	1 22	22 42	0 7	13 16	1 26	15 49	0 43	22 3	0 39	13 28	16 45	20 23	20 5	8 17	6 6	2 11
W31	23n 1	24n50	4n20	16n 6	4s11	20n41	0s38	19n35	1n22	22s43	0s 7	13s16	1s26	15s50	0s43	22n 3	0s39	13s28	16s46	20s25	20s 6	8n14	6n 7	2n11

Julian Day Number = 2298638.5, Delta T = 117.66 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'52, Lahiri = 18°00'53 Julian Calendar 1 May 1581 == Greg. Calendar 11 May 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

JUNE 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 16 33	19♊41'03	15♊ 7	0♊17	6♊57	8♌45	15°R17	28°R45	19°R 2	14♋39	4♈46	28°R53	0♒25	2♍12	10♈23	T 1
F 2	17 20 30	20°38'19	28° 2	0°39	8°11	9°21	15♑11	28♒45	19♒ 1	14°41	4°47	28♑48	0°22	2°19	10°25	F 2
S 3	17 24 26	21°35'35	10♋39	1° 5	9°24	9°56	15° 5	28°45	19° 0	14°43	4°47	28°45	0°19	2°26	10°26	S 3
S 4	17 28 23	22°32'51	23° 2	1°36	10°37	10°32	14°58	28°44	18°59	14°45	4°48	28°D43	0°16	2°32	10°28	S 4
M 5	17 32 19	23°30'06	5♌11	2°11	11°51	11° 8	14°51	28°44	18°58	14°47	4°48	28°43	0°12	2°39	10°29	M 5
T 6	17 36 16	24°27'20	17° 9	2°51	13° 4	11°44	14°45	28°43	18°57	14°49	4°49	28°45	0° 9	2°46	10°31	T 6
W 7	17 40 12	25°24'34	29° 1	3°34	14°18	12°20	14°38	28°42	18°56	14°52	4°49	28°46	0° 6	2°52	10°32	W 7
T 8	17 44 9	26°21'47	10♍50	4°22	15°31	12°56	14°31	28°42	18°55	14°54	4°49	28°48	0° 3	2°59	10°34	T 8
F 9	17 48 6	27°18'59	22°42	5°15	16°45	13°32	14°24	28°41	18°53	14°56	4°50	28°R49	29♑59	3° 6	10°35	F 9
S 10	17 52 2	28°16'11	4♎42	6°11	17°58	14° 8	14°17	28°40	18°52	14°58	4°50	28°49	29°56	3°12	10°37	S 10
S 11	17 55 59	29°13'22	16°54	7°11	19°11	14°44	14°10	28°38	18°51	15° 0	4°50	28°47	29°53	3°19	10°38	S 11
M12	17 59 55	0♋10'33	29°22	8°16	20°25	15°20	14° 3	28°37	18°50	15° 2	4°51	28°45	29°50	3°26	10°39	M12
T 13	18 3 52	1° 7'44	12♏10	9°24	21°38	15°56	13°55	28°36	18°48	15° 4	4°51	28°41	29°47	3°32	10°40	T 13
W14	18 7 48	2° 4'54	25°21	10°36	22°52	16°32	13°48	28°35	18°47	15° 7	4°51	28°37	29°44	3°39	10°41	W14
T 15	18 11 45	3° 2'04	8♐55	11°52	24° 5	17° 8	13°41	28°33	18°46	15° 9	4°51	28°34	29°41	3°46	10°42	T 15
F 16	18 15 41	3°59'14	22°50	13°12	25°19	17°45	13°33	28°31	18°44	15°11	4°52	28°30	29°37	3°52	10°44	F 16
S 17	18 19 38	4°56'23	7♑ 4	14°35	26°32	18°21	13°26	28°30	18°43	15°13	4°52	28°28	29°34	3°59	10°44	S 17
S 18	18 23 35	5°53'33	21°31	16° 2	27°46	18°57	13°18	28°28	18°41	15°15	4°52	28°D27	29°31	4° 6	10°45	S 18
M19	18 27 31	6°50'43	6♒ 6	17°33	29° 0	19°34	13°10	28°26	18°40	15°18	4°52	28°27	29°28	4°12	10°46	M19
T 20	18 31 28	7°47'53	20°43	19° 8	0♋13	20°10	13° 3	28°24	18°38	15°20	4°52	28°28	29°25	4°19	10°47	T 20
W21	18 35 24	8°45'03	5♓17	20°46	1°27	20°47	12°55	28°22	18°36	15°22	4°52	28°29	29°22	4°26	10°48	W21
T 22	18 39 21	9°42'13	19°43	22°27	2°40	21°23	12°47	28°20	18°35	15°24	4°53	28°30	29°18	4°32	10°49	T 22
F 23	18 43 17	10°39'24	3♈57	24°12	3°54	22° 0	12°40	28°18	18°33	15°26	4°53	28°31	29°15	4°39	10°49	F 23
S 24	18 47 14	11°36'35	17°58	26° 0	5° 8	22°36	12°32	28°16	18°31	15°29	4°53	28°R31	29°12	4°46	10°50	S 24
S 25	18 51 10	12°33'47	1♉44	27°50	6°21	23°13	12°24	28°13	18°29	15°31	4°R53	28°30	29° 9	4°52	10°50	S 25
M26	18 55 7	13°30'59	15°15	29°44	7°35	23°49	12°17	28°11	18°28	15°33	4°53	28°29	29° 6	4°59	10°51	M26
T 27	18 59 4	14°28'12	28°32	1♋41	8°49	24°26	12° 9	28° 8	18°26	15°35	4°53	28°27	29° 2	5° 6	10°51	T 27
W28	19 3 0	15°25'26	11♊33	3°40	10° 2	25° 3	12° 1	28° 5	18°24	15°38	4°53	28°25	28°59	5°12	10°52	W28
T 29	19 6 57	16°22'40	24°21	5°41	11°16	25°40	11°53	28° 3	18°22	15°40	4°52	28°24	28°56	5°19	10°52	T 29
F 30	19 10 53	17♋19'54	6♋55	7♋43	12♋30	26♌16	11♑46	28♒ 0	18♒20	15♋42	4♈52	28♑22	28♑53	5♍26	10♈52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	26n13	3n35	16n11	4s10	20n56	0s36	19n25	1n21	22s44	0s 7	13s17	1s26	15s50	0s43	22n 3	0s39	13s28	16s46	20s26	20s 6	8n11	6n 8	2n11
F 2	23 10	26 8	2 39	16 18	4 7	21 10	0 33	19 15	1 21	22 45	0 7	13 17	1 26	15 50	0 43	22 2	0 39	13 28	16 46	20 27	20 7	8 8	6 9	2 11
S 3	23 14	24 41	1 37	16 27	4 4	21 24	0 31	19 5	1 20	22 46	0 7	13 17	1 26	15 51	0 43	22 2	0 39	13 28	16 47	20 28	20 8	8 5	6 9	2 11
S 4	23 17	22 2	0 31	16 38	3 59	21 37	0 29	18 55	1 20	22 47	0 8	13 18	1 27	15 51	0 43	22 2	0 39	13 28	16 47	20 28	20 9	8 1	6 10	2 11
M 5	23 20	18 27	0s35	16 50	3 54	21 50	0 26	18 45	1 19	22 48	0 8	13 18	1 27	15 51	0 43	22 2	0 39	13 28	16 47	20 28	20 9	7 58	6 11	2 11
T 6	23 23	14 9	1 39	17 3	3 47	22 1	0 24	18 34	1 19	22 49	0 8	13 18	1 27	15 52	0 43	22 1	0 39	13 28	16 48	20 28	20 10	7 55	6 11	2 11
W 7	23 25	9 22	2 38	17 19	3 40	22 13	0 22	18 24	1 18	22 49	0 8	13 19	1 27	15 52	0 43	22 1	0 39	13 29	16 48	20 27	20 11	7 52	6 12	2 11
T 8	23 27	4 17	3 30	17 35	3 33	22 23	0 19	18 13	1 18	22 50	0 8	13 19	1 27	15 52	0 43	22 1	0 39	13 29	16 48	20 27	20 11	7 49	6 12	2 12
F 9	23 28	0s59	4 14	17 52	3 24	22 33	0 17	18 2	1 17	22 51	0 8	13 20	1 28	15 53	0 43	22 1	0 39	13 29	16 49	20 27	20 12	7 46	6 13	2 12
S 10	23 29	6 15	4 46	18 11	3 15	22 43	0 14	17 51	1 17	22 52	0 9	13 20	1 28	15 53	0 43	22 1	0 39	13 29	16 49	20 27	20 13	7 43	6 14	2 12
S 11	23 30	11 22	5 7	18 30	3 6	22 51	0 12	17 40	1 16	22 53	0 9	13 21	1 28	15 54	0 43	22 0	0 39	13 29	16 50	20 27	20 13	7 40	6 14	2 12
M12	23 30	16 9	5 13	18 51	2 56	22 59	0 10	17 29	1 16	22 54	0 9	13 22	1 28	15 54	0 43	22 0	0 39	13 30	16 50	20 28	20 14	7 37	6 15	2 12
T 13	23 29	20 21	5 5	19 11	2 45	23 7	0 7	17 18	1 15	22 55	0 9	13 22	1 28	15 55	0 43	22 0	0 39	13 30	16 50	20 28	20 15	7 34	6 15	2 12
W14	23 29	23 41	4 40	19 33	2 34	23 13	0 5	17 6	1 15	22 56	0 9	13 23	1 29	15 55	0 43	22 0	0 39	13 30	16 51	20 29	20 15	7 31	6 16	2 12
T 15	23 28	25 47	3 59	19 54	2 23	23 19	0 2	16 55	1 14	22 57	0 9	13 24	1 29	15 55	0 43	21 59	0 39	13 30	16 51	20 30	20 16	7 28	6 16	2 12
F 16	23 26	26 21	3 4	20 16	2 11	23 25	0n 0	16 43	1 14	22 58	0 9	13 24	1 29	15 56	0 43	21 59	0 39	13 31	16 51	20 30	20 17	7 24	6 17	2 12
S 17	23 24	25 13	1 55	20 38	1 59	23 30	0 3	16 32	1 13	22 59	0 10	13 25	1 29	15 56	0 43	21 59	0 39	13 31	16 52	20 31	20 17	7 21	6 17	2 12
S 18	23 22	22 24	0 38	20 59	1 47	23 34	0 5	16 20	1 13	22 59	0 10	13 26	1 29	15 57	0 44	21 59	0 39	13 31	16 52	20 31	20 18	7 18	6 17	2 12
M19	23 19	18 7	0n42	21 21	1 34	23 37	0 7	16 8	1 12	23 0	0 10	13 27	1 30	15 57	0 44	21 59	0 39	13 31	16 53	20 31	20 19	7 15	6 18	2 12
T 20	23 16	12 43	2 0	21 41	1 22	23 39	0 10	15 56	1 12	23 1	0 10	13 28	1 30	15 58	0 44	21 58	0 39	13 32	16 53	20 31	20 19	7 12	6 18	2 12
W21	23 12	6 39	3 9	22 1	1 9	23 41	0 12	15 44	1 11	23 2	0 10	13 29	1 30	15 59	0 44	21 58	0 39	13 32	16 53	20 31	20 20	7 9	6 19	2 12
T 22	23 8	0 18	4 6	22 20	0 57	23 43	0 15	15 31	1 11	23 3	0 10	13 29	1 30	15 59	0 44	21 58	0 39	13 32	16 54	20 30	20 21	7 6	6 19	2 12
F 23	23 4	5n58	4 47	22 38	0 44	23 43	0 17	15 19	1 10	23 4	0 11	13 30	1 30	16 0	0 44	21 58	0 39	13 33	16 54	20 30	20 21	7 3	6 19	2 12
S 24	22 59	11 50	5 11	22 54	0 32	23 43	0 19	15 7	1 10	23 5	0 11	13 31	1 31	16 0	0 44	21 57	0 39	13 33	16 54	20 30	20 22	7 0	6 19	2 12
S 25	22 54	17 2	5 15	23 9	0 19	23 42	0 22	14 54	1 9	23 6	0 11	13 32	1 31	16 1	0 44	21 57	0 39	13 33	16 55	20 30	20 23	6 57	6 20	2 12
M26	22 48	21 16	5 3	23 22	0 7	23 40	0 24	14 42	1 9	23 6	0 11	13 33	1 31	16 1	0 44	21 57	0 39	13 34	16 55	20 31	20 23	6 54	6 20	2 12
T 27	22 42	24 19	4 34	23 33	0n 4	23 38	0 26	14 29	1 8	23 7	0 11	13 35	1 31	16 2	0 44	21 57	0 39	13 34	16 55	20 31	20 24	6 50	6 20	2 12
W28	22 36	26 2	3 51	23 42	0 16	23 35	0 28	14 16	1 8	23 8	0 11	13 36	1 31	16 3	0 44	21 56	0 39	13 34	16 56	20 31	20 25	6 47	6 20	2 13
T 29	22 29	26 20	2 57	23 49	0 26	23 31	0 31	14 3	1 7	23 9	0 11	13 37	1 32	16 3	0 44	21 56	0 39	13 35	16 56	20 32	20 25	6 44	6 21	2 13
F 30	22n22	25n15	1n56	23n53	0n37	23n27	0n33	13n50	1n 7	23s10	0s12	13s38	1s32	16s 4	0s44	21n56	0s39	13s35	16s57	20s32	20s26	6n41	6n21	2n13

Julian Day Number = 2298669.5, Delta T = 117.51 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°53'56, Lahiri = 18°00'57 Julian Calendar 1 June 1581 == Greg. Calendar 11 June 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

JULY 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 14 50	18♋17'09	19♋17	9♋48	13♋44	26♌53	11°R38	27°R57	18°R18	15♋44	4°R52	28°R22	28♑50	5♍32	10♈53	S 1
S 2	19 18 46	19°14'24	1♌28	11°54	14°57	27°30	11♑30	27♒54	18♒16	15°47	4♈52	28°D22	28°47	5°39	10°53	S 2
M 3	19 22 43	20°11'40	13°29	14° 1	16°11	28° 7	11°23	27°51	18°14	15°49	4°52	28♑22	28°43	5°46	10°53	M 3
T 4	19 26 40	21° 8'56	25°23	16° 8	17°25	28°44	11°15	27°48	18°12	15°51	4°52	28°23	28°40	5°52	10°53	T 4
W 5	19 30 36	22° 6'12	7♍13	18°16	18°39	29°21	11° 8	27°45	18°10	15°53	4°52	28°23	28°37	5°59	10°R53	W 5
T 6	19 34 33	23° 3'28	19° 2	20°24	19°53	29°58	11° 0	27°42	18° 8	15°55	4°51	28°24	28°34	6° 6	10°53	T 6
F 7	19 38 29	24° 0'45	0♎54	22°32	21° 7	0♍35	10°53	27°38	18° 6	15°58	4°51	28°24	28°31	6°12	10°53	F 7
S 8	19 42 26	24°58'03	12°53	24°39	22°21	1°12	10°46	27°35	18° 4	16° 0	4°51	28°25	28°28	6°19	10°53	S 8
S 9	19 46 22	25°55'21	25° 3	26°45	23°34	1°49	10°39	27°31	18° 2	16° 2	4°51	28°R25	28°24	6°26	10°52	S 9
M10	19 50 19	26°52'39	7♏30	28°51	24°48	2°27	10°31	27°28	18° 0	16° 4	4°50	28°25	28°21	6°32	10°52	M10
T 11	19 54 15	27°49'57	20°16	0♌56	26° 2	3° 4	10°24	27°24	17°57	16° 6	4°50	28°25	28°18	6°39	10°52	T 11
W12	19 58 12	28°47'17	3♐25	3° 0	27°16	3°41	10°17	27°21	17°55	16° 9	4°50	28°D25	28°15	6°46	10°51	W12
T 13	20 2 9	29°44'36	17° 0	5° 2	28°30	4°18	10°10	27°17	17°53	16°11	4°49	28°25	28°12	6°53	10°51	T 13
F 14	20 6 5	0♌41'57	1♑ 1	7° 3	29°44	4°56	10° 4	27°13	17°51	16°13	4°49	28°25	28° 8	6°59	10°50	F 14
S 15	20 10 2	1°39'18	15°25	9° 2	0♌58	5°33	9°57	27°10	17°49	16°15	4°48	28°25	28° 5	7° 6	10°50	S 15
S 16	20 13 58	2°36'40	0♒ 9	11° 0	2°12	6°10	9°50	27° 6	17°46	16°17	4°48	28°R25	28° 2	7°13	10°49	S 16
M17	20 17 55	3°34'02	15° 5	12°57	3°26	6°48	9°44	27° 2	17°44	16°19	4°47	28°25	27°59	7°19	10°49	M17
T 18	20 21 51	4°31'26	0♓ 6	14°52	4°40	7°25	9°37	26°58	17°42	16°22	4°47	28°25	27°56	7°26	10°48	T 18
W19	20 25 48	5°28'50	15° 3	16°45	5°54	8° 3	9°31	26°54	17°39	16°24	4°47	28°24	27°53	7°33	10°47	W19
T 20	20 29 44	6°26'16	29°48	18°37	7° 8	8°41	9°25	26°50	17°37	16°26	4°46	28°23	27°49	7°39	10°46	T 20
F 21	20 33 41	7°23'43	14♈16	20°27	8°22	9°18	9°19	26°46	17°35	16°28	4°45	28°22	27°46	7°46	10°46	F 21
S 22	20 37 38	8°21'11	28°24	22°16	9°36	9°56	9°13	26°41	17°32	16°30	4°45	28°22	27°43	7°53	10°45	S 22
S 23	20 41 34	9°18'41	12♉ 9	24° 3	10°50	10°33	9° 7	26°37	17°30	16°32	4°44	28°D22	27°40	7°59	10°44	S 23
M24	20 45 31	10°16'12	25°32	25°48	12° 4	11°11	9° 2	26°33	17°28	16°34	4°44	28°22	27°37	8° 6	10°43	M24
T 25	20 49 27	11°13'45	8♊35	27°32	13°19	11°49	8°56	26°29	17°25	16°36	4°43	28°23	27°34	8°13	10°42	T 25
W26	20 53 24	12°11'19	21°20	29°15	14°33	12°27	8°51	26°25	17°23	16°38	4°43	28°24	27°30	8°19	10°41	W26
T 27	20 57 20	13° 8'55	3♋50	0♍55	15°47	13° 5	8°46	26°20	17°21	16°40	4°42	28°25	27°27	8°26	10°39	T 27
F 28	21 1 17	14° 6'31	16° 8	2°35	17° 1	13°43	8°41	26°16	17°18	16°42	4°41	28°26	27°24	8°33	10°38	F 28
S 29	21 5 13	15° 4'10	28°15	4°13	18°15	14°21	8°36	26°11	17°16	16°44	4°41	28°R26	27°21	8°39	10°37	S 29
S 30	21 9 10	16° 1'49	10♌15	5°49	19°29	14°59	8°31	26° 7	17°13	16°46	4°40	28°26	27°18	8°46	10°36	S 30
M31	21 13 7	16♌59'30	22♌ 9	7♍24	20♌44	15♍37	8♑26	26♒ 3	17♒11	16♋48	4♈39	28♑25	27♑14	8♍53	10♈34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n15	22n56	0n50	23n54	0n46	23n22	0n35	13n37	1n 6	23s11	0s12	13s39	1s32	16s 4	0s44	21n56	0s39	13s35	16s57	20s32	20s26	6n38	6n21	2n13
S 2	22 7	19 36	0s17	23 53	0 56	23 16	0 37	13 24	1 6	23 11	0 12	13 40	1 32	16 5	0 44	21 55	0 39	13 36	16 57	20 32	20 27	6 35	6 21	2 13
M 3	21 58	15 29	1 23	23 49	1 4	23 10	0 39	13 11	1 5	23 12	0 12	13 41	1 32	16 6	0 44	21 55	0 39	13 36	16 58	20 32	20 28	6 32	6 21	2 13
T 4	21 50	10 49	2 24	23 42	1 12	23 2	0 41	12 57	1 5	23 13	0 12	13 43	1 33	16 6	0 44	21 55	0 39	13 37	16 58	20 32	20 28	6 29	6 21	2 13
W 5	21 41	5 48	3 19	23 33	1 19	22 55	0 43	12 44	1 4	23 14	0 12	13 44	1 33	16 7	0 44	21 55	0 39	13 37	16 58	20 32	20 29	6 26	6 21	2 13
T 6	21 31	0 35	4 6	23 21	1 25	22 46	0 45	12 30	1 4	23 15	0 12	13 45	1 33	16 8	0 44	21 54	0 38	13 37	16 59	20 32	20 30	6 23	6 21	2 13
F 7	21 21	4s40	4 42	23 6	1 30	22 37	0 47	12 17	1 3	23 15	0 12	13 47	1 33	16 8	0 44	21 54	0 38	13 38	16 59	20 32	20 30	6 20	6 21	2 13
S 8	21 11	9 47	5 6	22 48	1 35	22 27	0 49	12 3	1 3	23 16	0 13	13 48	1 33	16 9	0 44	21 54	0 38	13 38	16 59	20 32	20 31	6 16	6 21	2 13
S 9	21 1	14 38	5 17	22 28	1 39	22 16	0 51	11 49	1 2	23 17	0 13	13 49	1 33	16 10	0 44	21 54	0 38	13 39	17 0	20 32	20 32	6 13	6 21	2 13
M10	20 50	18 58	5 13	22 6	1 42	22 5	0 53	11 35	1 2	23 17	0 13	13 51	1 34	16 10	0 44	21 53	0 38	13 39	17 0	20 32	20 32	6 10	6 21	2 13
T 11	20 39	22 35	4 55	21 42	1 45	21 53	0 55	11 21	1 1	23 18	0 13	13 52	1 34	16 11	0 44	21 53	0 38	13 40	17 1	20 32	20 33	6 7	6 21	2 13
W12	20 27	25 9	4 20	21 15	1 46	21 41	0 57	11 7	1 1	23 19	0 13	13 53	1 34	16 12	0 44	21 53	0 38	13 40	17 1	20 32	20 34	6 4	6 21	2 13
T 13	20 15	26 21	3 30	20 47	1 47	21 28	0 58	10 53	1 0	23 19	0 13	13 55	1 34	16 12	0 44	21 53	0 38	13 40	17 1	20 32	20 34	6 1	6 21	2 13
F 14	20 3	25 56	2 26	20 17	1 47	21 14	1 0	10 39	1 0	23 20	0 13	13 56	1 34	16 13	0 44	21 52	0 38	13 41	17 2	20 32	20 35	5 58	6 21	2 13
S 15	19 50	23 47	1 12	19 45	1 47	21 0	1 2	10 25	0 59	23 21	0 14	13 58	1 34	16 14	0 44	21 52	0 38	13 41	17 2	20 32	20 36	5 55	6 20	2 13
S 16	19 37	20 1	0n10	19 12	1 46	20 45	1 3	10 11	0 59	23 21	0 14	13 59	1 34	16 15	0 44	21 52	0 38	13 42	17 2	20 32	20 36	5 52	6 20	2 13
M17	19 24	14 54	1 31	18 38	1 44	20 29	1 5	9 56	0 58	23 22	0 14	14 1	1 35	16 15	0 44	21 52	0 38	13 42	17 3	20 32	20 37	5 49	6 20	2 13
T 18	19 11	8 52	2 47	18 2	1 42	20 13	1 6	9 42	0 58	23 23	0 14	14 2	1 35	16 16	0 44	21 51	0 38	13 43	17 3	20 32	20 37	5 45	6 20	2 14
W19	18 57	2 21	3 51	17 26	1 39	19 56	1 8	9 27	0 57	23 23	0 14	14 4	1 35	16 17	0 44	21 51	0 38	13 43	17 3	20 32	20 38	5 42	6 20	2 14
T 20	18 42	4n11	4 39	16 48	1 36	19 39	1 9	9 13	0 57	23 24	0 14	14 5	1 35	16 17	0 44	21 51	0 38	13 44	17 4	20 32	20 39	5 39	6 19	2 14
F 21	18 28	10 22	5 7	16 10	1 32	19 21	1 11	8 58	0 56	23 24	0 14	14 7	1 35	16 18	0 44	21 51	0 38	13 44	17 4	20 32	20 39	5 36	6 19	2 14
S 22	18 13	15 51	5 17	15 31	1 28	19 3	1 12	8 43	0 56	23 25	0 14	14 8	1 35	16 19	0 44	21 50	0 38	13 45	17 4	20 32	20 40	5 33	6 19	2 14
S 23	17 58	20 24	5 8	14 51	1 23	18 44	1 13	8 29	0 55	23 25	0 14	14 10	1 35	16 20	0 44	21 50	0 38	13 45	17 4	20 32	20 41	5 30	6 18	2 14
M24	17 43	23 45	4 42	14 11	1 18	18 24	1 14	8 14	0 55	23 26	0 15	14 11	1 36	16 20	0 44	21 50	0 38	13 46	17 5	20 32	20 41	5 27	6 18	2 14
T 25	17 27	25 46	4 2	13 30	1 13	18 4	1 15	7 59	0 54	23 26	0 15	14 13	1 36	16 21	0 44	21 49	0 38	13 46	17 5	20 32	20 42	5 24	6 18	2 14
W26	17 11	26 24	3 11	12 49	1 7	17 44	1 17	7 44	0 54	23 27	0 15	14 15	1 36	16 22	0 44	21 49	0 38	13 47	17 5	20 32	20 42	5 21	6 17	2 14
T 27	16 55	25 38	2 12	12 7	1 1	17 23	1 18	7 29	0 53	23 27	0 15	14 16	1 36	16 23	0 44	21 49	0 38	13 47	17 6	20 32	20 43	5 17	6 17	2 14
F 28	16 38	23 38	1 8	11 25	0 54	17 1	1 19	7 14	0 53	23 28	0 15	14 18	1 36	16 23	0 44	21 49	0 38	13 48	17 6	20 31	20 44	5 14	6 16	2 14
S 29	16 21	20 35	0 1	10 44	0 48	16 39	1 19	6 59	0 52	23 28	0 15	14 19	1 36	16 24	0 44	21 48	0 38	13 49	17 6	20 31	20 44	5 11	6 16	2 14
S 30	16 4	16 41	1s 5	10 2	0 41	16 17	1 20	6 43	0 52	23 28	0 15	14 21	1 36	16 25	0 44	21 48	0 38	13 49	17 7	20 31	20 45	5 8	6 15	2 14
M31	15n47	12n 9	2s 7	9n20	0n33	15n54	1n21	6n28	0n51	23s29	0s15	14s23	1s36	16s25	0s44	21n48	0s38	13s50	17s 7	20s32	20s46	5n 5	6n15	2n14

Julian Day Number = 2298699.5, Delta T = 117.37 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'01, Lahiri = 18°01'01 Julian Calendar 1 July 1581 == Greg. Calendar 11 July 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

AUGUST 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 17 3	17♌57'12	4♍ 0	8♍57	21♌58	16♍15	8°R22	25°R58	17°R 9	16♋50	4°R38	28°R22	27♏11	8♍59	10°R33	T 1
W 2	21 21 0	18°54'55	15°49	10°29	23°12	16°53	8♏18	25♒54	17♒ 6	16°52	4♈38	28♏19	27° 8	9° 6	10♈31	W 2
T 3	21 24 56	19°52'39	27°38	12° 0	24°26	17°31	8°14	25°49	17° 4	16°54	4°37	28°16	27° 5	9°13	10°30	T 3
F 4	21 28 53	20°50'25	9♎32	13°28	25°41	18° 9	8°10	25°45	17° 1	16°56	4°36	28°12	27° 2	9°19	10°28	F 4
S 5	21 32 49	21°48'12	21°32	14°56	26°55	18°47	8° 6	25°40	16°59	16°58	4°35	28° 9	26°59	9°26	10°27	S 5
S 6	21 36 46	22°46'00	3♏41	16°22	28° 9	19°26	8° 2	25°36	16°57	17° 0	4°34	28° 7	26°55	9°33	10°25	S 6
M 7	21 40 42	23°43'49	16° 5	17°46	29°23	20° 4	7°59	25°31	16°54	17° 2	4°34	28° 6	26°52	9°39	10°23	M 7
T 8	21 44 39	24°41'39	28°47	19° 8	0♏38	20°42	7°56	25°27	16°52	17° 4	4°33	28°D 5	26°49	9°46	10°22	T 8
W 9	21 48 36	25°39'31	11♐50	20°29	1°52	21°21	7°53	25°22	16°50	17° 6	4°32	28° 6	26°46	9°53	10°20	W 9
T 10	21 52 32	26°37'24	25°18	21°49	3° 6	21°59	7°50	25°18	16°47	17° 7	4°31	28° 8	26°43	10° 0	10°18	T 10
F 11	21 56 29	27°35'19	9♑13	23° 6	4°21	22°38	7°47	25°13	16°45	17° 9	4°30	28° 9	26°40	10° 6	10°16	F 11
S 12	22 0 25	28°33'15	23°35	24°22	5°35	23°16	7°45	25° 9	16°43	17°11	4°29	28°R10	26°36	10°13	10°14	S 12
S 13	22 4 22	29°31'12	8♒21	25°36	6°49	23°55	7°42	25° 4	16°40	17°13	4°28	28°10	26°33	10°20	10°12	S 13
M14	22 8 18	0♍29'10	23°26	26°49	8° 4	24°33	7°40	25° 0	16°38	17°15	4°27	28° 8	26°30	10°26	10°10	M14
T 15	22 12 15	1°27'10	8♓40	27°59	9°18	25°12	7°38	24°55	16°36	17°16	4°26	28° 5	26°27	10°33	10° 8	T 15
W16	22 16 11	2°25'12	23°54	29° 7	10°32	25°51	7°37	24°51	16°33	17°18	4°26	28° 0	26°24	10°40	10° 6	W16
T 17	22 20 8	3°23'15	8♈58	0♎13	11°47	26°29	7°35	24°46	16°31	17°20	4°25	27°55	26°20	10°46	10° 4	T 17
F 18	22 24 5	4°21'21	23°42	1°17	13° 1	27° 8	7°34	24°42	16°29	17°21	4°24	27°50	26°17	10°53	10° 2	F 18
S 19	22 28 1	5°19'28	8♉ 2	2°18	14°16	27°47	7°32	24°37	16°27	17°23	4°23	27°46	26°14	11° 0	10° 0	S 19
S 20	22 31 58	6°17'37	21°53	3°17	15°30	28°26	7°31	24°33	16°24	17°25	4°22	27°44	26°11	11° 6	9°58	S 20
M21	22 35 54	7°15'49	5♊18	4°13	16°44	29° 5	7°31	24°28	16°22	17°26	4°21	27°D43	26° 8	11°13	9°56	M21
T 22	22 39 51	8°14'03	18°17	5° 7	17°59	29°44	7°30	24°24	16°20	17°28	4°20	27°43	26° 5	11°20	9°53	T 22
W23	22 43 47	9°12'18	0♋54	5°57	19°13	0♎23	7°30	24°20	16°18	17°29	4°18	27°45	26° 1	11°26	9°51	W23
T 24	22 47 44	10°10'36	13°14	6°44	20°28	1° 2	7°29	24°16	16°16	17°31	4°17	27°46	25°58	11°33	9°49	T 24
F 25	22 51 40	11° 8'56	25°21	7°28	21°42	1°41	7°D29	24°11	16°14	17°32	4°16	27°R47	25°55	11°40	9°46	F 25
S 26	22 55 37	12° 7'18	7♌19	8° 8	22°56	2°20	7°29	24° 7	16°12	17°34	4°15	27°46	25°52	11°46	9°44	S 26
S 27	22 59 34	13° 5'41	19°11	8°44	24°11	2°59	7°30	24° 3	16° 9	17°35	4°14	27°44	25°49	11°53	9°41	S 27
M28	23 3 30	14° 4'07	1♍ 1	9°15	25°25	3°39	7°30	23°59	16° 7	17°37	4°13	27°39	25°46	12° 0	9°39	M28
T 29	23 7 27	15° 2'35	12°50	9°42	26°40	4°18	7°31	23°55	16° 5	17°38	4°12	27°33	25°42	12° 7	9°36	T 29
W30	23 11 23	16° 1'04	24°41	10° 4	27°54	4°57	7°32	23°51	16° 3	17°39	4°11	27°24	25°39	12°13	9°34	W30
T 31	23 15 20	16♍59'35	6♎34	10♎21	29♍ 9	5♎36	7♏33	23♒47	16♒ 2	17♋41	4°♈10	27♏15	25♏36	12♍20	9♈31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n29	7n13	3s 4	8n38	0n26	15n30	1n22	6n13	0n51	23s29	0s15	14s24	1s36	16s26	0s44	21n48	0s38	13s50	17s 7	20s32	20s46	5n 2	6n14	2n14
W 2	15 11	2 2	3 52	7 56	0 18	15 7	1 22	5 58	0 50	23 30	0 16	14 26	1 37	16 27	0 44	21 48	0 38	13 51	17 7	20 33	20 47	4 59	6 14	2 14
T 3	14 53	3s12	4 31	7 14	0 10	14 43	1 23	5 42	0 49	23 30	0 16	14 27	1 37	16 28	0 44	21 47	0 38	13 51	17 8	20 33	20 47	4 56	6 13	2 14
F 4	14 35	8 21	4 58	6 32	0 2	14 18	1 24	5 27	0 49	23 30	0 16	14 29	1 37	16 28	0 44	21 47	0 38	13 52	17 8	20 34	20 48	4 53	6 13	2 14
S 5	14 16	13 14	5 12	5 51	0s 7	13 53	1 24	5 11	0 48	23 31	0 16	14 31	1 37	16 29	0 44	21 47	0 38	13 52	17 8	20 35	20 49	4 50	6 12	2 14
S 6	13 57	17 40	5 13	5 10	0 15	13 28	1 24	4 56	0 48	23 31	0 16	14 32	1 37	16 30	0 44	21 47	0 38	13 53	17 8	20 35	20 49	4 46	6 11	2 14
M 7	13 38	21 27	4 59	4 29	0 24	13 2	1 25	4 40	0 47	23 31	0 16	14 34	1 37	16 31	0 44	21 46	0 38	13 53	17 9	20 35	20 50	4 43	6 11	2 14
T 8	13 19	24 20	4 30	3 48	0 33	12 36	1 25	4 25	0 47	23 32	0 16	14 35	1 37	16 31	0 44	21 46	0 38	13 54	17 9	20 35	20 51	4 40	6 10	2 14
W 9	13 0	26 1	3 47	3 8	0 42	12 10	1 25	4 9	0 46	23 32	0 16	14 37	1 37	16 32	0 44	21 46	0 38	13 55	17 9	20 35	20 51	4 37	6 9	2 14
T 10	12 40	26 15	2 51	2 29	0 51	11 43	1 25	3 53	0 46	23 32	0 16	14 39	1 37	16 33	0 44	21 46	0 38	13 55	17 9	20 35	20 52	4 34	6 9	2 14
F 11	12 20	24 52	1 42	1 50	1 0	11 16	1 25	3 37	0 45	23 32	0 16	14 40	1 37	16 33	0 44	21 45	0 38	13 56	17 10	20 35	20 52	4 31	6 8	2 14
S 12	12 0	21 50	0 25	1 11	1 9	10 49	1 25	3 22	0 45	23 33	0 16	14 42	1 37	16 34	0 44	21 45	0 38	13 56	17 10	20 35	20 53	4 28	6 7	2 14
S 13	11 40	17 19	0n56	0 33	1 18	10 21	1 25	3 6	0 44	23 33	0 17	14 43	1 37	16 35	0 44	21 45	0 38	13 57	17 10	20 35	20 54	4 25	6 6	2 14
M14	11 20	11 38	2 14	0s 4	1 27	9 53	1 25	2 50	0 44	23 33	0 17	14 45	1 37	16 35	0 44	21 45	0 38	13 57	17 10	20 35	20 54	4 22	6 6	2 14
T 15	10 59	5 12	3 23	0 40	1 37	9 25	1 25	2 34	0 43	23 33	0 17	14 47	1 37	16 36	0 44	21 44	0 38	13 58	17 11	20 36	20 55	4 19	6 5	2 14
W16	10 38	1n31	4 18	1 16	1 46	8 56	1 25	2 18	0 43	23 33	0 17	14 48	1 38	16 37	0 44	21 44	0 38	13 58	17 11	20 37	20 55	4 15	6 4	2 14
T 17	10 17	8 4	4 54	1 51	1 55	8 28	1 25	2 3	0 42	23 34	0 17	14 50	1 38	16 38	0 44	21 44	0 38	13 59	17 11	20 38	20 56	4 12	6 3	2 14
F 18	9 56	14 1	5 10	2 25	2 4	7 59	1 24	1 47	0 42	23 34	0 17	14 51	1 38	16 38	0 44	21 44	0 38	14 0	17 11	20 39	20 57	4 9	6 2	2 14
S 19	9 35	19 2	5 6	2 57	2 13	7 30	1 24	1 31	0 41	23 34	0 17	14 53	1 38	16 39	0 44	21 44	0 38	14 0	17 11	20 39	20 57	4 6	6 2	2 14
S 20	9 13	22 51	4 44	3 29	2 22	7 0	1 23	1 15	0 40	23 34	0 17	14 54	1 38	16 40	0 44	21 43	0 38	14 1	17 12	20 40	20 58	4 3	6 1	2 14
M21	8 52	25 17	4 7	4 0	2 31	6 31	1 23	0 59	0 40	23 34	0 17	14 56	1 38	16 40	0 44	21 43	0 38	14 1	17 12	20 40	20 58	4 0	6 0	2 14
T 22	8 30	26 16	3 18	4 29	2 40	6 1	1 22	0 43	0 39	23 34	0 17	14 57	1 38	16 41	0 44	21 43	0 38	14 2	17 12	20 40	20 59	3 57	5 59	2 14
W23	8 8	25 50	2 21	4 57	2 49	5 31	1 21	0 27	0 39	23 34	0 17	14 59	1 38	16 41	0 44	21 43	0 38	14 2	17 12	20 40	21 0	3 54	5 58	2 14
T 24	7 46	24 8	1 18	5 23	2 57	5 1	1 21	0 10	0 38	23 34	0 17	15 0	1 38	16 42	0 44	21 43	0 38	14 3	17 12	20 39	21 0	3 51	5 57	2 14
F 25	7 24	21 20	0 13	5 48	3 5	4 31	1 20	0s 6	0 38	23 34	0 18	15 2	1 38	16 43	0 44	21 42	0 39	14 4	17 12	20 39	21 1	3 48	5 56	2 14
S 26	7 2	17 39	0s51	6 11	3 13	4 1	1 19	0 22	0 37	23 35	0 18	15 3	1 38	16 43	0 44	21 42	0 39	14 4	17 13	20 39	21 1	3 44	5 55	2 14
S 27	6 39	13 19	1 53	6 32	3 20	3 30	1 18	0 38	0 37	23 35	0 18	15 4	1 38	16 44	0 44	21 42	0 39	14 5	17 13	20 40	21 2	3 41	5 54	2 14
M28	6 17	8 30	2 50	6 51	3 27	3 0	1 17	0 54	0 36	23 35	0 18	15 6	1 38	16 45	0 44	21 42	0 39	14 5	17 13	20 41	21 3	3 38	5 53	2 14
T 29	5 54	3 23	3 39	7 7	3 34	2 29	1 16	1 10	0 36	23 35	0 18	15 7	1 38	16 45	0 44	21 42	0 39	14 6	17 13	20 42	21 3	3 35	5 52	2 14
W30	5 32	1s50	4 18	7 21	3 39	1 59	1 15	1 26	0 35	23 35	0 18	15 9	1 38	16 46	0 44	21 41	0 39	14 6	17 13	20 44	21 4	3 32	5 51	2 14
T 31	5n 9	7s 0	4s47	7s33	3s45	1n28	1n13	1s42	0n35	23s35	0s18	15s10	1s38	16s46	0s44	21n41	0s39	14s 7	17s13	20s46	21s 4	3n29	5n50	2n14

Julian Day Number = 2298730.5, Delta T = 117.22 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'05, Lahiri = 18°01'05 Julian Calendar 1 Aug. 1581 == Greg. Calendar 11 Aug. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

SEPTEMBER 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 19 16	17♍58'08	18♎33	10♎32	0♎23	6♎16	7♑34	23°R43	16°R 0	17♋42	4°R 9	27°R 5	25♑33	12♍27	9°R29	F 1
S 2	23 23 13	18°56'43	0♏38	10°R38	1°38	6°55	7°36	23♒39	15♒58	17°43	4♈ 8	26♑56	25°30	12°33	9♈26	S 2
S 3	23 27 9	19°55'20	12°52	10°36	2°52	7°35	7°38	23°35	15°56	17°44	4° 6	26°49	25°26	12°40	9°24	S 3
M 4	23 31 6	20°53'59	25°18	10°29	4° 7	8°14	7°40	23°31	15°54	17°46	4° 5	26°43	25°23	12°47	9°21	M 4
T 5	23 35 2	21°52'39	7♐58	10°14	5°21	8°54	7°42	23°28	15°52	17°47	4° 4	26°40	25°20	12°53	9°18	T 5
W 6	23 38 59	22°51'21	20°57	9°52	6°36	9°34	7°44	23°24	15°50	17°48	4° 3	26°D39	25°17	13° 0	9°16	W 6
T 7	23 42 56	23°50'05	4♑17	9°23	7°50	10°13	7°46	23°20	15°49	17°49	4° 2	26°39	25°14	13° 7	9°13	T 7
F 8	23 46 52	24°48'51	18° 1	8°47	9° 4	10°53	7°49	23°17	15°47	17°50	4° 1	26°40	25°11	13°13	9°10	F 8
S 9	23 50 49	25°47'38	2♒11	8° 4	10°19	11°33	7°52	23°13	15°45	17°51	4° 0	26°R40	25° 7	13°20	9° 7	S 9
S 10	23 54 45	26°46'27	16°46	7°14	11°33	12°13	7°55	23°10	15°44	17°52	3°58	26°39	25° 4	13°27	9° 5	S 10
M11	23 58 42	27°45'17	1♓42	6°18	12°48	12°53	7°58	23° 7	15°42	17°53	3°57	26°35	25° 1	13°33	9° 2	M11
T 12	0 2 38	28°44'10	16°54	5°18	14° 2	13°32	8° 1	23° 3	15°41	17°54	3°56	26°28	24°58	13°40	8°59	T 12
W13	0 6 35	29°43'04	2♈10	4°13	15°17	14°12	8° 5	23° 0	15°39	17°55	3°55	26°20	24°55	13°47	8°56	W13
T 14	0 10 31	0♎42'00	17°20	3° 5	16°31	14°52	8° 9	22°57	15°38	17°56	3°54	26°10	24°51	13°54	8°54	T 14
F 15	0 14 28	1°40'59	2♉14	1°57	17°46	15°32	8°13	22°54	15°36	17°57	3°53	26° 1	24°48	14° 0	8°51	F 15
S 16	0 18 25	2°40'00	16°44	0°50	19° 0	16°13	8°17	22°51	15°35	17°58	3°51	25°52	24°45	14° 7	8°48	S 16
S 17	0 22 21	3°39'03	0♊45	29♍45	20°15	16°53	8°21	22°48	15°33	17°59	3°50	25°46	24°42	14°14	8°45	S 17
M18	0 26 18	4°38'09	14°15	28°44	21°29	17°33	8°25	22°46	15°32	18° 0	3°49	25°42	24°39	14°20	8°42	M18
T 19	0 30 14	5°37'17	27°17	27°50	22°44	18°13	8°30	22°43	15°31	18° 0	3°48	25°40	24°36	14°27	8°40	T 19
W20	0 34 11	6°36'27	9♋55	27° 3	23°58	18°53	8°35	22°40	15°30	18° 1	3°47	25°D40	24°32	14°34	8°37	W20
T 21	0 38 7	7°35'40	22°13	26°26	25°12	19°34	8°40	22°38	15°28	18° 2	3°46	25°R40	24°29	14°40	8°34	T 21
F 22	0 42 4	8°34'55	4♌16	25°57	26°27	20°14	8°45	22°35	15°27	18° 3	3°44	25°40	24°26	14°47	8°31	F 22
S 23	0 46 0	9°34'12	16°10	25°40	27°41	20°55	8°50	22°33	15°26	18° 3	3°43	25°38	24°23	14°54	8°28	S 23
S 24	0 49 57	10°33'31	27°59	25°D33	28°56	21°35	8°56	22°31	15°25	18° 4	3°42	25°34	24°20	15° 0	8°25	S 24
M25	0 53 54	11°32'53	9♍48	25°37	0♏10	22°16	9° 1	22°28	15°24	18° 4	3°41	25°26	24°17	15° 7	8°23	M25
T 26	0 57 50	12°32'17	21°38	25°52	1°25	22°56	9° 7	22°26	15°23	18° 5	3°40	25°16	24°13	15°14	8°20	T 26
W27	1 1 47	13°31'43	3♎33	26°16	2°39	23°37	9°13	22°24	15°22	18° 5	3°39	25° 4	24°10	15°21	8°17	W27
T 28	1 5 43	14°31'11	15°34	26°51	3°54	24°18	9°19	22°22	15°21	18° 6	3°37	24°50	24° 7	15°27	8°14	T 28
F 29	1 9 40	15°30'41	27°43	27°34	5° 8	24°58	9°26	22°20	15°20	18° 6	3°36	24°36	24° 4	15°34	8°11	F 29
S 30	1 13 36	16♎30'13	9♏59	28♍26	6♏23	25♎39	9♑32	22♒19	15♒20	18♋ 7	3♈35	24♑23	24♑ 1	15♍41	8♈ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n46	11s57	5s 3	7s42	3s49	0n57	1n12	1s58	0n34	23s35	0s18	15s11	1s38	16s47	0s44	21n41	0s39	14s 7	17s13	20s47	21s 5	3n26	5n49	2n14
S 2	4 23	16 29	5 5	7 47	3 53	0 26	1 11	2 15	0 33	23 35	0 18	15 12	1 38	16 47	0 44	21 41	0 39	14 8	17 13	20 49	21 5	3 23	5 48	2 14
S 3	4 0	20 24	4 54	7 49	3 55	0s 5	1 9	2 31	0 33	23 35	0 18	15 14	1 38	16 48	0 44	21 41	0 39	14 8	17 14	20 51	21 6	3 20	5 47	2 14
M 4	3 37	23 29	4 29	7 47	3 57	0 36	1 8	2 47	0 32	23 35	0 18	15 15	1 38	16 48	0 44	21 41	0 39	14 9	17 14	20 52	21 7	3 17	5 46	2 14
T 5	3 14	25 29	3 50	7 42	3 57	1 7	1 6	3 3	0 32	23 35	0 18	15 16	1 38	16 49	0 44	21 40	0 39	14 10	17 14	20 52	21 7	3 13	5 45	2 14
W 6	2 51	26 10	2 59	7 32	3 56	1 38	1 5	3 19	0 31	23 34	0 18	15 17	1 38	16 49	0 44	21 40	0 39	14 10	17 14	20 52	21 8	3 10	5 44	2 14
T 7	2 27	25 22	1 57	7 19	3 54	2 9	1 3	3 35	0 31	23 34	0 18	15 19	1 38	16 50	0 44	21 40	0 39	14 11	17 14	20 52	21 8	3 7	5 43	2 14
F 8	2 4	23 3	0 46	7 0	3 50	2 40	1 2	3 51	0 30	23 34	0 19	15 20	1 38	16 50	0 44	21 40	0 39	14 11	17 14	20 52	21 9	3 4	5 42	2 14
S 9	1 41	19 15	0n29	6 38	3 44	3 10	1 0	4 7	0 30	23 34	0 19	15 21	1 38	16 51	0 44	21 40	0 39	14 12	17 14	20 52	21 10	3 1	5 40	2 14
S 10	1 17	14 11	1 45	6 11	3 36	3 41	0 58	4 24	0 29	23 34	0 19	15 22	1 38	16 51	0 44	21 40	0 39	14 12	17 14	20 52	21 10	2 58	5 39	2 14
M11	0 54	8 10	2 56	5 40	3 26	4 12	0 56	4 40	0 28	23 34	0 19	15 23	1 38	16 52	0 44	21 39	0 39	14 13	17 14	20 53	21 11	2 55	5 38	2 14
T 12	0 30	1 35	3 54	5 5	3 15	4 43	0 55	4 56	0 28	23 34	0 19	15 24	1 38	16 52	0 44	21 39	0 39	14 13	17 14	20 54	21 11	2 52	5 37	2 14
W13	0 7	5n 6	4 37	4 27	3 1	5 13	0 53	5 12	0 27	23 34	0 19	15 25	1 38	16 53	0 44	21 39	0 39	14 14	17 14	20 56	21 12	2 49	5 36	2 14
T 14	0s17	11 26	5 0	3 46	2 46	5 44	0 51	5 28	0 27	23 33	0 19	15 26	1 38	16 53	0 44	21 39	0 39	14 14	17 14	20 58	21 12	2 46	5 35	2 14
F 15	0 40	16 59	5 1	3 3	2 29	6 14	0 49	5 44	0 26	23 33	0 19	15 27	1 38	16 54	0 44	21 39	0 39	14 15	17 14	21 0	21 13	2 42	5 34	2 13
S 16	1 4	21 24	4 44	2 20	2 11	6 44	0 47	6 0	0 26	23 33	0 19	15 28	1 38	16 54	0 44	21 39	0 39	14 15	17 14	21 1	21 14	2 39	5 32	2 13
S 17	1 27	24 25	4 9	1 36	1 52	7 14	0 45	6 16	0 25	23 33	0 19	15 29	1 37	16 54	0 44	21 39	0 39	14 16	17 14	21 2	21 14	2 36	5 31	2 13
M18	1 51	25 54	3 21	0 54	1 31	7 44	0 42	6 32	0 25	23 33	0 19	15 30	1 37	16 55	0 44	21 39	0 39	14 16	17 14	21 3	21 15	2 33	5 30	2 13
T 19	2 14	25 53	2 25	0 13	1 11	8 14	0 40	6 47	0 24	23 32	0 19	15 31	1 37	16 55	0 44	21 38	0 39	14 16	17 14	21 4	21 15	2 30	5 29	2 13
W20	2 38	24 30	1 23	0n24	0 51	8 44	0 38	7 3	0 23	23 32	0 19	15 31	1 37	16 55	0 44	21 38	0 39	14 17	17 14	21 4	21 16	2 27	5 28	2 13
T 21	3 1	21 58	0 18	0 57	0 31	9 13	0 36	7 19	0 23	23 32	0 19	15 32	1 37	16 56	0 44	21 38	0 39	14 17	17 14	21 4	21 16	2 24	5 26	2 13
F 22	3 25	18 30	0s46	1 26	0 11	9 42	0 34	7 35	0 22	23 32	0 19	15 33	1 37	16 56	0 44	21 38	0 39	14 18	17 14	21 4	21 17	2 21	5 25	2 13
S 23	3 48	14 20	1 47	1 50	0n 7	10 11	0 31	7 51	0 22	23 31	0 19	15 34	1 37	16 56	0 44	21 38	0 39	14 18	17 14	21 4	21 17	2 18	5 24	2 13
S 24	4 11	9 40	2 42	2 9	0 25	10 40	0 29	8 6	0 21	23 31	0 19	15 34	1 37	16 57	0 44	21 38	0 39	14 19	17 14	21 5	21 18	2 15	5 23	2 13
M25	4 35	4 39	3 31	2 22	0 41	11 9	0 27	8 22	0 21	23 31	0 20	15 35	1 37	16 57	0 43	21 38	0 39	14 19	17 14	21 6	21 19	2 12	5 22	2 13
T 26	4 58	0s31	4 11	2 30	0 55	11 37	0 24	8 38	0 20	23 30	0 20	15 36	1 37	16 57	0 43	21 38	0 39	14 19	17 14	21 8	21 19	2 8	5 20	2 13
W27	5 21	5 41	4 39	2 32	1 8	12 5	0 22	8 53	0 19	23 30	0 20	15 36	1 37	16 57	0 43	21 38	0 39	14 20	17 14	21 10	21 20	2 5	5 19	2 13
T 28	5 44	10 41	4 56	2 29	1 20	12 33	0 19	9 9	0 19	23 30	0 20	15 37	1 37	16 58	0 43	21 38	0 39	14 20	17 14	21 13	21 20	2 2	5 18	2 12
F 29	6 7	15 20	4 59	2 21	1 30	13 0	0 17	9 24	0 18	23 29	0 20	15 37	1 37	16 58	0 43	21 38	0 39	14 21	17 14	21 15	21 21	1 59	5 17	2 12
S 30	6s30	19s24	4s49	2n 8	1n39	13s27	0n14	9s40	0n18	23s29	0s20	15s38	1s37	16s58	0s43	21n37	0s39	14s21	17s14	21s18	21s21	1n56	5n16	2n12

Julian Day Number = 2298761.5, Delta T = 117.07 sec
Ecliptic obliquity = 23°29'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'09, Lahiri = 18°01'09 Julian Calendar 1 Sept. 1581 == Greg. Calendar 11 Sept. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

OCTOBER 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 17 33	17♎29'47	22♏25	29♍25	7♏37	26♎20	9♑39	22°R17	15°R19	18♋ 7	3°R34	24°R11	23♑57	15♍47	8°R 6	S 1
M 2	1 21 29	18°29'24	5♐ 0	0♎31	8°51	27° 1	9°45	22♒16	15♒18	18° 8	3♈33	24♑ 2	23°54	15°54	8♈ 3	M 2
T 3	1 25 26	19°29'02	17°48	1°43	10° 6	27°42	9°52	22°14	15°18	18° 8	3°32	23°57	23°51	16° 1	8° 0	T 3
W 4	1 29 23	20°28'41	0♑49	2°59	11°20	28°23	9°59	22°13	15°17	18° 8	3°31	23°54	23°48	16° 7	7°57	W 4
T 5	1 33 19	21°28'23	14° 7	4°20	12°35	29° 4	10° 7	22°12	15°17	18° 8	3°29	23°53	23°45	16°14	7°55	T 5
F 6	1 37 16	22°28'06	27°43	5°45	13°49	29°45	10°14	22°10	15°16	18° 9	3°28	23°53	23°42	16°21	7°52	F 6
S 7	1 41 12	23°27'51	11♒40	7°13	15° 4	0♏26	10°22	22° 9	15°16	18° 9	3°27	23°52	23°38	16°27	7°49	S 7
S 8	1 45 9	24°27'38	25°58	8°43	16°18	1° 7	10°29	22° 8	15°15	18° 9	3°26	23°50	23°35	16°34	7°47	S 8
M 9	1 49 5	25°27'26	10♓36	10°16	17°32	1°48	10°37	22° 8	15°15	18° 9	3°25	23°45	23°32	16°41	7°44	M 9
T 10	1 53 2	26°27'16	25°29	11°50	18°47	2°30	10°45	22° 7	15°15	18° 9	3°24	23°38	23°29	16°48	7°41	T 10
W11	1 56 58	27°27'08	10♈30	13°26	20° 1	3°11	10°53	22° 6	15°14	18°R 9	3°23	23°28	23°26	16°54	7°39	W11
T 12	2 0 55	28°27'01	25°30	15° 3	21°15	3°52	11° 1	22° 6	15°14	18° 9	3°22	23°16	23°23	17° 1	7°36	T 12
F 13	2 4 52	29°26'57	10♉19	16°40	22°30	4°34	11°10	22° 5	15°14	18° 9	3°21	23° 4	23°19	17° 8	7°33	F 13
S 14	2 8 48	0♏26'54	24°48	18°18	23°44	5°15	11°18	22° 5	15°14	18° 9	3°20	22°54	23°16	17°14	7°31	S 14
S 15	2 12 45	1°26'54	8♊51	19°57	24°59	5°57	11°27	22° 5	15°D14	18° 9	3°19	22°46	23°13	17°21	7°28	S 15
M16	2 16 41	2°26'56	22°26	21°36	26°13	6°38	11°36	22° 5	15°14	18° 9	3°18	22°40	23°10	17°28	7°26	M16
T 17	2 20 38	3°27'00	5♋33	23°15	27°27	7°20	11°44	22°D 5	15°14	18° 9	3°17	22°37	23° 7	17°34	7°23	T 17
W18	2 24 34	4°27'06	18°15	24°54	28°42	8° 1	11°54	22° 5	15°14	18° 8	3°16	22°D36	23° 3	17°41	7°21	W18
T 19	2 28 31	5°27'14	0♌36	26°33	29°56	8°43	12° 3	22° 5	15°14	18° 8	3°15	22°R36	23° 0	17°48	7°18	T 19
F 20	2 32 27	6°27'25	12°40	28°12	1♐10	9°25	12°12	22° 5	15°14	18° 8	3°14	22°36	22°57	17°54	7°16	F 20
S 21	2 36 24	7°27'37	24°35	29°51	2°25	10° 7	12°21	22° 5	15°15	18° 8	3°13	22°34	22°54	18° 1	7°14	S 21
S 22	2 40 21	8°27'51	6♍25	1♏29	3°39	10°49	12°31	22° 6	15°15	18° 7	3°12	22°31	22°51	18° 8	7°11	S 22
M23	2 44 17	9°28'08	18°14	3° 8	4°53	11°31	12°41	22° 7	15°15	18° 7	3°11	22°25	22°48	18°15	7° 9	M23
T 24	2 48 14	10°28'26	0♎ 7	4°46	6° 7	12°13	12°50	22° 7	15°16	18° 6	3°10	22°16	22°44	18°21	7° 7	T 24
W25	2 52 10	11°28'46	12° 7	6°23	7°22	12°55	13° 0	22° 8	15°16	18° 6	3° 9	22° 5	22°41	18°28	7° 5	W25
T 26	2 56 7	12°29'08	24°17	8° 1	8°36	13°37	13°10	22° 9	15°17	18° 5	3° 8	21°52	22°38	18°35	7° 2	T 26
F 27	3 0 3	13°29'32	6♏38	9°38	9°50	14°19	13°20	22°10	15°17	18° 5	3° 8	21°39	22°35	18°41	7° 0	F 27
S 28	3 4 0	14°29'58	19° 9	11°15	11° 5	15° 1	13°30	22°11	15°18	18° 4	3° 7	21°26	22°32	18°48	6°58	S 28
S 29	3 7 56	15°30'26	1♐52	12°52	12°19	15°43	13°41	22°12	15°19	18° 4	3° 6	21°16	22°28	18°55	6°56	S 29
M30	3 11 53	16°30'55	14°46	14°28	13°33	16°25	13°51	22°14	15°19	18° 3	3° 5	21° 8	22°25	19° 1	6°54	M30
T 31	3 15 50	17♏31'25	27♐51	16♏ 4	14♐47	17♏ 8	14♑ 2	22♒15	15♒20	18♋ 3	3♈ 4	21♑ 3	22♑22	19♍ 8	6♈52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s53	22s41	4s25	1n51	1n46	13s54	0n12	9s55	0n17	23s28	0s20	15s38	1s37	16s58	0s43	21n37	0s39	14s21	17s14	21s20	21s22	1n53	5n14	2n12
M 2	7 16	24 55	3 47	1 30	1 52	14 20	0 9	10 11	0 17	23 28	0 20	15 39	1 37	16 58	0 43	21 37	0 39	14 22	17 14	21 21	21 22	1 50	5 13	2 12
T 3	7 38	25 53	2 58	1 6	1 56	14 47	0 6	10 26	0 16	23 27	0 20	15 39	1 36	16 59	0 43	21 37	0 39	14 22	17 14	21 22	21 23	1 47	5 12	2 12
W 4	8 1	25 28	1 59	0 38	2 0	15 12	0 4	10 41	0 15	23 27	0 20	15 39	1 36	16 59	0 43	21 37	0 39	14 22	17 13	21 23	21 24	1 44	5 11	2 12
T 5	8 23	23 36	0 51	0 8	2 2	15 38	0 1	10 56	0 15	23 27	0 20	15 40	1 36	16 59	0 43	21 37	0 39	14 23	17 13	21 23	21 24	1 41	5 10	2 12
F 6	8 46	20 20	0n20	0s24	2 3	16 3	0s 1	11 11	0 14	23 26	0 20	15 40	1 36	16 59	0 43	21 37	0 39	14 23	17 13	21 23	21 25	1 38	5 9	2 12
S 7	9 8	15 51	1 33	0 59	2 3	16 27	0 4	11 26	0 14	23 25	0 20	15 40	1 36	16 59	0 43	21 37	0 39	14 23	17 13	21 23	21 25	1 35	5 7	2 12
S 8	9 30	10 22	2 41	1 35	2 3	16 51	0 7	11 41	0 13	23 25	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 24	17 13	21 23	21 26	1 31	5 6	2 11
M 9	9 52	4 13	3 40	2 13	2 1	17 15	0 9	11 56	0 12	23 24	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 24	17 13	21 24	21 26	1 28	5 5	2 11
T 10	10 14	2n16	4 25	2 51	1 59	17 38	0 12	12 11	0 12	23 24	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 24	17 13	21 25	21 27	1 25	5 4	2 11
W11	10 35	8 39	4 53	3 31	1 57	18 1	0 15	12 26	0 11	23 23	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 25	17 13	21 27	21 27	1 22	5 3	2 11
T 12	10 57	14 32	5 0	4 12	1 53	18 24	0 17	12 40	0 11	23 23	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 25	17 12	21 29	21 28	1 19	5 2	2 11
F 13	11 18	19 29	4 47	4 53	1 50	18 46	0 20	12 55	0 10	23 22	0 20	15 41	1 36	16 59	0 43	21 37	0 39	14 25	17 12	21 31	21 28	1 16	5 0	2 11
S 14	11 39	23 8	4 16	5 34	1 46	19 7	0 23	13 9	0 10	23 21	0 21	15 41	1 36	16 59	0 43	21 37	0 39	14 25	17 12	21 33	21 29	1 13	4 59	2 11
S 15	12 0	25 16	3 29	6 16	1 41	19 28	0 25	13 24	0 9	23 21	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 26	17 12	21 34	21 30	1 10	4 58	2 11
M16	12 21	25 49	2 32	6 57	1 36	19 48	0 28	13 38	0 8	23 20	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 26	17 12	21 35	21 30	1 7	4 57	2 10
T 17	12 42	24 52	1 29	7 39	1 31	20 8	0 31	13 52	0 8	23 19	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 26	17 11	21 36	21 31	1 4	4 56	2 10
W18	13 2	22 38	0 23	8 21	1 25	20 27	0 33	14 6	0 7	23 18	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 26	17 11	21 36	21 31	1 1	4 55	2 10
T 19	13 22	19 23	0s42	9 2	1 19	20 46	0 36	14 20	0 7	23 18	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 26	17 11	21 36	21 32	0 58	4 54	2 10
F 20	13 42	15 23	1 44	9 43	1 13	21 4	0 39	14 34	0 6	23 17	0 21	15 41	1 35	16 59	0 43	21 37	0 39	14 27	17 11	21 36	21 32	0 55	4 53	2 10
S 21	14 2	10 50	2 41	10 24	1 7	21 22	0 41	14 48	0 5	23 16	0 21	15 40	1 35	16 59	0 43	21 37	0 39	14 27	17 11	21 36	21 33	0 51	4 52	2 10
S 22	14 21	5 56	3 30	11 4	1 1	21 39	0 44	15 2	0 5	23 15	0 21	15 40	1 35	16 59	0 43	21 37	0 39	14 27	17 10	21 37	21 33	0 48	4 51	2 10
M23	14 41	0 50	4 10	11 44	0 55	21 55	0 46	15 15	0 4	23 14	0 21	15 40	1 35	16 59	0 43	21 37	0 39	14 27	17 10	21 38	21 34	0 45	4 50	2 9
T 24	15 0	4s19	4 40	12 23	0 48	22 11	0 49	15 29	0 4	23 13	0 21	15 40	1 35	16 58	0 43	21 37	0 39	14 27	17 10	21 39	21 34	0 42	4 49	2 9
W25	15 19	9 21	4 57	13 2	0 41	22 26	0 52	15 42	0 3	23 12	0 21	15 39	1 34	16 58	0 43	21 37	0 39	14 27	17 10	21 41	21 35	0 39	4 47	2 9
T 26	15 37	14 6	5 1	13 40	0 35	22 41	0 54	15 55	0 2	23 12	0 21	15 39	1 34	16 58	0 43	21 37	0 39	14 28	17 10	21 43	21 35	0 36	4 46	2 9
F 27	15 56	18 20	4 51	14 17	0 28	22 55	0 57	16 9	0 2	23 11	0 21	15 38	1 34	16 58	0 42	21 37	0 39	14 28	17 9	21 45	21 36	0 33	4 45	2 9
S 28	16 14	21 50	4 28	14 54	0 21	23 8	0 59	16 22	0 1	23 10	0 21	15 38	1 34	16 58	0 42	21 37	0 39	14 28	17 9	21 47	21 36	0 30	4 45	2 9
S 29	16 31	24 20	3 50	15 30	0 15	23 20	1 1	16 34	0 1	23 9	0 21	15 37	1 34	16 57	0 42	21 38	0 39	14 28	17 9	21 49	21 37	0 27	4 44	2 9
M30	16 49	25 36	3 0	16 5	0 8	23 32	1 4	16 47	0s 0	23 8	0 21	15 37	1 34	16 57	0 42	21 38	0 39	14 28	17 9	21 50	21 37	0 24	4 43	2 8
T 31	17s 6	25s29	2s 0	16s40	0n 1	23s43	1s 6	17s 0	0s 1	23s 7	0s21	15s36	1s34	16s57	0s42	21n38	0s39	14s28	17s 8	21s51	21s38	0n21	4n42	2n 8

Julian Day Number = 2298791.5, Delta T = 116.93 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'13, Lahiri = 18°01'14 Julian Calendar 1 Oct. 1581 == Greg. Calendar 11 Oct. 1581

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ASTRODIENST EPHEMERIS for the year 1581
geocentric

NOVEMBER 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 19 46	18♏31'57	11♑ 7	17♏39	16♐ 2	17♏50	14♑13	22♒17	15♒21	18°R 2	3°R 3	21°R 0	22♑19	19♍15	6°R50	W 1
T 2	3 23 43	19°32'31	24°34	19°15	17°16	18°33	14°23	22°18	15°22	18♋ 1	3♈ 3	21°D 0	22°16	19°22	6♈48	T 2
F 3	3 27 39	20°33'05	8♒14	20°50	18°30	19°15	14°34	22°20	15°23	18° 1	3° 2	21♑ 1	22°13	19°28	6°46	F 3
S 4	3 31 36	21°33'41	22° 6	22°25	19°44	19°58	14°45	22°22	15°24	18° 0	3° 1	21°R 1	22° 9	19°35	6°45	S 4
S 5	3 35 32	22°34'18	6♓13	24° 0	20°58	20°40	14°56	22°24	15°25	17°59	3° 1	21° 0	22° 6	19°42	6°43	S 5
M 6	3 39 29	23°34'55	20°32	25°34	22°13	21°23	15° 7	22°26	15°26	17°58	3° 0	20°57	22° 3	19°48	6°41	M 6
T 7	3 43 25	24°35'35	5♈ 1	27° 9	23°27	22° 5	15°19	22°28	15°27	17°57	2°59	20°52	22° 0	19°55	6°39	T 7
W 8	3 47 22	25°36'15	19°36	28°43	24°41	22°48	15°30	22°30	15°28	17°56	2°59	20°44	21°57	20° 2	6°38	W 8
T 9	3 51 19	26°36'56	4♉10	0♐17	25°55	23°31	15°41	22°32	15°29	17°56	2°58	20°36	21°54	20° 8	6°36	T 9
F 10	3 55 15	27°37'39	18°37	1°51	27° 9	24°14	15°53	22°35	15°31	17°55	2°57	20°27	21°50	20°15	6°35	F 10
S 11	3 59 12	28°38'23	2♊50	3°25	28°23	24°57	16° 5	22°37	15°32	17°54	2°57	20°18	21°47	20°22	6°33	S 11
S 12	4 3 8	29°39'09	16°43	4°58	29°37	25°39	16°16	22°40	15°33	17°53	2°56	20°12	21°44	20°29	6°32	S 12
M13	4 7 5	0♐39'56	0♋13	6°32	0♑51	26°22	16°28	22°43	15°35	17°52	2°56	20° 8	21°41	20°35	6°30	M13
T 14	4 11 1	1°40'44	13°20	8° 5	2° 5	27° 5	16°40	22°46	15°36	17°51	2°55	20° 6	21°38	20°42	6°29	T 14
W15	4 14 58	2°41'34	26° 3	9°39	3°19	27°48	16°52	22°48	15°38	17°50	2°55	20°D 6	21°34	20°49	6°28	W15
T 16	4 18 54	3°42'25	8♌27	11°12	4°33	28°32	17° 4	22°51	15°39	17°48	2°54	20° 7	21°31	20°55	6°26	T 16
F 17	4 22 51	4°43'17	20°35	12°45	5°47	29°15	17°16	22°55	15°41	17°47	2°54	20° 8	21°28	21° 2	6°25	F 17
S 18	4 26 48	5°44'11	2♍32	14°19	7° 1	29°58	17°28	22°58	15°42	17°46	2°53	20°R 9	21°25	21° 9	6°24	S 18
S 19	4 30 44	6°45'06	14°24	15°52	8°15	0♐41	17°40	23° 1	15°44	17°45	2°53	20° 9	21°22	21°16	6°23	S 19
M20	4 34 41	7°46'02	26°15	17°25	9°29	1°24	17°53	23° 4	15°46	17°44	2°52	20° 7	21°19	21°22	6°22	M20
T 21	4 38 37	8°47'00	8♎10	18°58	10°43	2° 8	18° 5	23° 8	15°48	17°43	2°52	20° 3	21°15	21°29	6°21	T 21
W22	4 42 34	9°47'58	20°13	20°31	11°57	2°51	18°18	23°11	15°49	17°41	2°52	19°57	21°12	21°36	6°20	W22
T 23	4 46 30	10°48'58	2♏29	22° 4	13°11	3°35	18°30	23°15	15°51	17°40	2°51	19°51	21° 9	21°42	6°19	T 23
F 24	4 50 27	11°50'00	14°59	23°37	14°24	4°18	18°43	23°19	15°53	17°39	2°51	19°43	21° 6	21°49	6°19	F 24
S 25	4 54 23	12°51'02	27°45	25° 9	15°38	5° 2	18°56	23°23	15°55	17°37	2°51	19°36	21° 3	21°56	6°18	S 25
S 26	4 58 20	13°52'05	10♐46	26°42	16°52	5°45	19° 8	23°27	15°57	17°36	2°50	19°31	21° 0	22° 2	6°17	S 26
M27	5 2 17	14°53'09	24° 2	28°14	18° 6	6°29	19°21	23°31	15°59	17°35	2°50	19°26	20°56	22° 9	6°16	M27
T 28	5 6 13	15°54'14	7♑31	29°47	19°19	7°13	19°34	23°35	16° 1	17°33	2°50	19°24	20°53	22°16	6°16	T 28
W29	5 10 10	16°55'19	21°12	1♑18	20°33	7°57	19°47	23°39	16° 3	17°32	2°50	19°D23	20°50	22°23	6°15	W29
T 30	5 14 6	17♐56'25	5♒ 2	2♑50	21♑47	8♐40	20♑ 0	23♒43	16♒ 6	17♋31	2♈50	19♑24	20♑47	22♍29	6♈15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s23	23s54	0s53	17s14	0s 6	23s54	1s 9	17s12	0s 1	23s 5	0s21	15s36	1s34	16s57	0s42	21n38	0s39	14s28	17s 8	21s51	21s39	0n18	4n41	2n 8
T 2	17 39	20 57	0n19	17 46	0 12	24 4	1 11	17 25	0 2	23 4	0 22	15 35	1 34	16 56	0 42	21 38	0 39	14 28	17 8	21 51	21 39	0 15	4 40	2 8
F 3	17 56	16 47	1 31	18 18	0 19	24 13	1 13	17 37	0 2	23 3	0 22	15 34	1 34	16 56	0 42	21 38	0 39	14 28	17 8	21 51	21 40	0 12	4 39	2 8
S 4	18 12	11 41	2 38	18 50	0 25	24 21	1 15	17 49	0 3	23 2	0 22	15 34	1 34	16 56	0 42	21 38	0 39	14 28	17 7	21 51	21 40	0 9	4 38	2 8
S 5	18 27	5 53	3 37	19 20	0 32	24 29	1 18	18 1	0 4	23 1	0 22	15 33	1 33	16 55	0 42	21 38	0 39	14 28	17 7	21 51	21 41	0 5	4 37	2 7
M 6	18 43	0n17	4 24	19 49	0 38	24 36	1 20	18 13	0 4	23 0	0 22	15 32	1 33	16 55	0 42	21 38	0 39	14 28	17 7	21 51	21 41	0 2	4 36	2 7
T 7	18 58	6 29	4 54	20 17	0 45	24 42	1 22	18 25	0 5	22 58	0 22	15 32	1 33	16 55	0 42	21 38	0 39	14 28	17 6	21 52	21 42	0s 1	4 36	2 7
W 8	19 12	12 23	5 5	20 45	0 51	24 47	1 24	18 36	0 5	22 57	0 22	15 31	1 33	16 54	0 42	21 38	0 39	14 28	17 6	21 53	21 42	0 4	4 35	2 7
T 9	19 27	17 35	4 57	21 11	0 57	24 52	1 26	18 48	0 6	22 56	0 22	15 30	1 33	16 54	0 42	21 39	0 39	14 28	17 6	21 55	21 43	0 7	4 34	2 7
F 10	19 41	21 43	4 30	21 36	1 3	24 56	1 28	18 59	0 7	22 55	0 22	15 29	1 33	16 54	0 42	21 39	0 39	14 28	17 6	21 56	21 43	0 10	4 33	2 7
S 11	19 54	24 28	3 46	22 0	1 9	24 59	1 30	19 10	0 7	22 53	0 22	15 28	1 33	16 53	0 42	21 39	0 39	14 28	17 5	21 57	21 44	0 13	4 32	2 6
S 12	20 7	25 39	2 50	22 23	1 14	25 1	1 32	19 21	0 8	22 52	0 22	15 27	1 33	16 53	0 42	21 39	0 39	14 28	17 5	21 58	21 44	0 16	4 32	2 6
M13	20 20	25 15	1 45	22 45	1 20	25 3	1 33	19 32	0 9	22 51	0 22	15 26	1 33	16 52	0 42	21 39	0 39	14 28	17 5	21 59	21 45	0 19	4 31	2 6
T 14	20 33	23 26	0 36	23 6	1 25	25 4	1 35	19 42	0 9	22 49	0 22	15 25	1 33	16 52	0 42	21 39	0 39	14 28	17 4	21 59	21 45	0 22	4 30	2 6
W15	20 45	20 28	0s32	23 26	1 30	25 4	1 37	19 53	0 10	22 48	0 22	15 24	1 32	16 51	0 42	21 39	0 39	14 28	17 4	21 59	21 46	0 25	4 30	2 6
T 16	20 56	16 37	1 38	23 44	1 35	25 3	1 39	20 3	0 10	22 46	0 22	15 23	1 32	16 51	0 42	21 39	0 39	14 28	17 4	21 59	21 46	0 28	4 29	2 6
F 17	21 8	12 11	2 37	24 2	1 40	25 2	1 40	20 13	0 11	22 45	0 22	15 22	1 32	16 50	0 42	21 40	0 39	14 28	17 3	21 59	21 47	0 31	4 28	2 5
S 18	21 19	7 20	3 29	24 18	1 44	25 0	1 42	20 23	0 12	22 43	0 22	15 21	1 32	16 50	0 42	21 40	0 39	14 28	17 3	21 59	21 47	0 34	4 28	2 5
S 19	21 29	2 17	4 12	24 33	1 49	24 57	1 43	20 32	0 12	22 42	0 22	15 20	1 32	16 49	0 42	21 40	0 39	14 27	17 3	21 59	21 48	0 37	4 27	2 5
M20	21 39	2s50	4 43	24 46	1 53	24 53	1 44	20 42	0 13	22 40	0 23	15 18	1 32	16 49	0 42	21 40	0 39	14 27	17 2	21 59	21 48	0 40	4 27	2 5
T 21	21 49	7 53	5 3	24 58	1 56	24 49	1 46	20 51	0 13	22 39	0 23	15 17	1 32	16 48	0 42	21 40	0 39	14 27	17 2	22 0	21 49	0 43	4 26	2 5
W22	21 58	12 42	5 10	25 9	2 0	24 44	1 47	21 0	0 14	22 37	0 23	15 16	1 32	16 48	0 42	21 40	0 39	14 27	17 2	22 0	21 49	0 46	4 25	2 4
T 23	22 7	17 5	5 2	25 18	2 3	24 38	1 48	21 9	0 15	22 35	0 23	15 15	1 32	16 47	0 42	21 40	0 39	14 27	17 1	22 1	21 50	0 49	4 25	2 4
F 24	22 16	20 50	4 40	25 26	2 6	24 31	1 49	21 18	0 15	22 34	0 23	15 13	1 32	16 46	0 42	21 41	0 39	14 27	17 1	22 2	21 50	0 52	4 24	2 4
S 25	22 24	23 40	4 4	25 33	2 9	24 24	1 50	21 27	0 16	22 32	0 23	15 12	1 32	16 46	0 42	21 41	0 39	14 26	17 1	22 3	21 51	0 55	4 24	2 4
S 26	22 31	25 19	3 15	25 38	2 11	24 16	1 51	21 35	0 17	22 30	0 23	15 11	1 32	16 45	0 42	21 41	0 39	14 26	17 0	22 4	21 51	0 58	4 24	2 4
M27	22 38	25 35	2 14	25 42	2 13	24 7	1 52	21 43	0 17	22 28	0 23	15 9	1 31	16 44	0 42	21 41	0 39	14 26	17 0	22 5	21 52	1 2	4 23	2 3
T 28	22 45	24 21	1 4	25 44	2 14	23 58	1 53	21 51	0 18	22 27	0 23	15 8	1 31	16 44	0 41	21 41	0 39	14 26	17 0	22 5	21 52	1 5	4 23	2 3
W29	22 51	21 39	0n10	25 44	2 15	23 47	1 54	21 59	0 18	22 25	0 23	15 6	1 31	16 43	0 41	21 42	0 39	14 26	16 59	22 5	21 53	1 8	4 22	2 3
T 30	22s57	17s41	1n25	25s43	2s16	23s36	1s54	22s 7	0s19	22s23	0s23	15s 5	1s31	16s42	0s41	21n42	0s39	14s25	16s59	22s 5	21s53	1s11	4n22	2n 3

Julian Day Number = 2298822.5, Delta T = 116.78 sec
Ecliptic obliquity = 23°29'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'17, Lahiri = 18°01'18 Julian Calendar 1 Nov. 1581 == Greg. Calendar 11 Nov. 1581

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1581
geocentric

DECEMBER 1581 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 18 3	18♐57'31	18♒59	4♑21	23♑ 0	9♐24	20♑13	23♒47	16♒ 8	17°R29	2°R49	19♑26	20♑44	22♍36	6°R15	F 1
S 2	5 21 59	19°58'38	3♓ 2	5°51	24°14	10° 8	20°26	23°52	16°10	17♋28	2♈49	19°27	20°40	22°43	6♈14	S 2
S 3	5 25 56	20°59'45	17°10	7°21	25°28	10°52	20°40	23°56	16°12	17°26	2°49	19°R28	20°37	22°49	6°14	S 3
M 4	5 29 52	22° 0'52	1♈20	8°50	26°41	11°36	20°53	24° 1	16°15	17°25	2°49	19°28	20°34	22°56	6°14	M 4
T 5	5 33 49	23° 1'59	15°31	10°17	27°55	12°20	21° 6	24° 5	16°17	17°23	2°49	19°26	20°31	23° 3	6°13	T 5
W 6	5 37 46	24° 3'07	29°41	11°44	29° 8	13° 4	21°19	24°10	16°20	17°22	2°49	19°23	20°28	23°10	6°13	W 6
T 7	5 41 42	25° 4'14	13♉46	13° 9	0♒21	13°48	21°33	24°15	16°22	17°20	2°D49	19°20	20°25	23°16	6°D13	T 7
F 8	5 45 39	26° 5'22	27°43	14°32	1°35	14°32	21°46	24°20	16°24	17°19	2°49	19°16	20°21	23°23	6°13	F 8
S 9	5 49 35	27° 6'30	11♊28	15°52	2°48	15°16	22° 0	24°25	16°27	17°17	2°49	19°13	20°18	23°30	6°13	S 9
S 10	5 53 32	28° 7'39	24°59	17°11	4° 1	16° 1	22°13	24°30	16°30	17°16	2°49	19°10	20°15	23°36	6°13	S 10
M11	5 57 28	29° 8'48	8♋13	18°26	5°14	16°45	22°27	24°35	16°32	17°14	2°49	19° 9	20°12	23°43	6°14	M11
T 12	6 1 25	0♑ 9'57	21° 9	19°38	6°28	17°29	22°40	24°40	16°35	17°12	2°49	19°D 9	20° 9	23°50	6°14	T 12
W13	6 5 22	1°11'06	3♌47	20°45	7°41	18°14	22°54	24°45	16°37	17°11	2°49	19° 9	20° 6	23°57	6°14	W13
T 14	6 9 18	2°12'16	16°10	21°48	8°54	18°58	23° 8	24°51	16°40	17° 9	2°49	19°11	20° 2	24° 3	6°15	T 14
F 15	6 13 15	3°13'26	28°18	22°46	10° 7	19°43	23°22	24°56	16°43	17° 7	2°50	19°12	19°59	24°10	6°15	F 15
S 16	6 17 11	4°14'36	10♍17	23°37	11°20	20°27	23°35	25° 1	16°46	17° 6	2°50	19°13	19°56	24°17	6°15	S 16
S 17	6 21 8	5°15'46	22°10	24°20	12°32	21°12	23°49	25° 7	16°48	17° 4	2°50	19°14	19°53	24°23	6°16	S 17
M18	6 25 4	6°16'57	4♎ 2	24°56	13°45	21°56	24° 3	25°12	16°51	17° 2	2°50	19°R15	19°50	24°30	6°17	M18
T 19	6 29 1	7°18'08	15°57	25°23	14°58	22°41	24°17	25°18	16°54	17° 1	2°50	19°15	19°46	24°37	6°17	T 19
W20	6 32 57	8°19'20	28° 0	25°40	16°11	23°26	24°31	25°24	16°57	16°59	2°51	19°14	19°43	24°43	6°18	W20
T 21	6 36 54	9°20'31	10♏17	25°R46	17°23	24°10	24°45	25°29	17° 0	16°57	2°51	19°13	19°40	24°50	6°19	T 21
F 22	6 40 51	10°21'43	22°50	25°41	18°36	24°55	24°59	25°35	17° 3	16°56	2°51	19°12	19°37	24°57	6°19	F 22
S 23	6 44 47	11°22'54	5♐42	25°24	19°48	25°40	25°13	25°41	17° 6	16°54	2°52	19°10	19°34	25° 4	6°20	S 23
S 24	6 48 44	12°24'06	18°55	24°55	21° 1	26°25	25°27	25°47	17° 9	16°52	2°52	19°10	19°31	25°10	6°21	S 24
M25	6 52 40	13°25'18	2♑28	24°15	22°13	27°10	25°41	25°53	17°12	16°51	2°53	19° 9	19°27	25°17	6°22	M25
T 26	6 56 37	14°26'29	16°21	23°24	23°26	27°55	25°55	25°59	17°15	16°49	2°53	19°D 9	19°24	25°24	6°23	T 26
W27	7 0 33	15°27'40	0♒29	22°23	24°38	28°40	26° 9	26° 5	17°18	16°47	2°53	19° 9	19°21	25°30	6°24	W27
T 28	7 4 30	16°28'50	14°49	21°14	25°50	29°25	26°23	26°11	17°21	16°46	2°54	19° 9	19°18	25°37	6°26	T 28
F 29	7 8 26	17°30'00	29°15	20° 0	27° 2	0♑10	26°37	26°17	17°24	16°44	2°54	19° 9	19°15	25°44	6°27	F 29
S 30	7 12 23	18°31'10	13♓42	18°42	28°14	0°55	26°51	26°24	17°27	16°42	2°55	19° 9	19°12	25°51	6°28	S 30
S 31	7 16 20	19♑32'18	28♓ 5	17♑23	29♒26	1♑40	27♑ 5	26♒30	17♒30	16♋41	2♈55	19°R 9	19♑ 8	25♍57	6♈29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	12s43	2n35	25s41	2s16	23s25	1s55	22s14	0s20	22s21	0s23	15s 3	1s31	16s42	0s41	21n42	0s39	14s25	16s58	22s 5	21s54	1s14	4n22	2n 3
S 2	23 7	7 3	3 37	25 37	2 15	23 12	1 55	22 21	0 20	22 19	0 23	15 2	1 31	16 41	0 41	21 42	0 39	14 25	16 58	22 5	21 54	1 17	4 21	2 3
S 3	23 11	1 0	4 25	25 32	2 14	22 59	1 56	22 28	0 21	22 17	0 23	15 0	1 31	16 40	0 41	21 42	0 39	14 24	16 58	22 5	21 54	1 20	4 21	2 2
M 4	23 15	5n 5	4 58	25 24	2 13	22 46	1 56	22 35	0 21	22 15	0 23	14 59	1 31	16 40	0 41	21 42	0 39	14 24	16 57	22 5	21 55	1 23	4 21	2 2
T 5	23 19	10 56	5 13	25 16	2 11	22 31	1 56	22 41	0 22	22 13	0 23	14 57	1 31	16 39	0 41	21 43	0 39	14 24	16 57	22 5	21 55	1 26	4 21	2 2
W 6	23 22	16 11	5 9	25 6	2 8	22 16	1 56	22 48	0 23	22 11	0 24	14 55	1 31	16 38	0 41	21 43	0 39	14 24	16 57	22 5	21 56	1 29	4 20	2 2
T 7	23 24	20 33	4 46	24 54	2 4	22 1	1 56	22 54	0 23	22 9	0 24	14 54	1 31	16 37	0 41	21 43	0 39	14 23	16 56	22 6	21 56	1 32	4 20	2 2
F 8	23 26	23 41	4 6	24 41	2 0	21 45	1 56	22 59	0 24	22 7	0 24	14 52	1 31	16 37	0 41	21 43	0 39	14 23	16 56	22 6	21 57	1 35	4 20	2 1
S 9	23 28	25 23	3 13	24 27	1 55	21 28	1 56	23 5	0 25	22 5	0 24	14 50	1 31	16 36	0 41	21 43	0 39	14 23	16 56	22 7	21 57	1 38	4 20	2 1
S 10	23 29	25 33	2 9	24 11	1 49	21 10	1 56	23 10	0 25	22 3	0 24	14 49	1 31	16 35	0 41	21 44	0 39	14 22	16 55	22 7	21 58	1 41	4 20	2 1
M11	23 29	24 14	1 0	23 54	1 42	20 52	1 56	23 16	0 26	22 1	0 24	14 47	1 30	16 34	0 41	21 44	0 39	14 22	16 55	22 7	21 58	1 44	4 20	2 1
T 12	23 30	21 39	0s11	23 36	1 34	20 34	1 55	23 20	0 26	21 59	0 24	14 45	1 30	16 33	0 41	21 44	0 39	14 21	16 55	22 7	21 59	1 47	4 20	2 1
W13	23 29	18 3	1 20	23 18	1 25	20 14	1 55	23 25	0 27	21 56	0 24	14 43	1 30	16 33	0 41	21 44	0 39	14 21	16 54	22 7	21 59	1 50	4 20	2 0
T 14	23 29	13 44	2 24	22 58	1 15	19 55	1 54	23 30	0 28	21 54	0 24	14 41	1 30	16 32	0 41	21 44	0 39	14 21	16 54	22 7	22 0	1 53	4 19	2 0
F 15	23 27	8 58	3 20	22 38	1 5	19 34	1 54	23 34	0 28	21 52	0 24	14 39	1 30	16 31	0 41	21 45	0 39	14 20	16 53	22 7	22 0	1 56	4 19	2 0
S 16	23 26	3 55	4 6	22 17	0 52	19 14	1 53	23 38	0 29	21 50	0 24	14 38	1 30	16 30	0 41	21 45	0 39	14 20	16 53	22 7	22 1	1 59	4 19	2 0
S 17	23 23	1s12	4 42	21 56	0 39	18 52	1 52	23 41	0 29	21 47	0 24	14 36	1 30	16 29	0 41	21 45	0 39	14 19	16 53	22 7	22 1	2 2	4 20	2 0
M18	23 21	6 16	5 6	21 36	0 25	18 30	1 51	23 45	0 30	21 45	0 24	14 34	1 30	16 28	0 41	21 45	0 39	14 19	16 52	22 7	22 2	2 5	4 20	2 0
T 19	23 18	11 9	5 16	21 16	0 9	18 8	1 50	23 48	0 31	21 43	0 24	14 32	1 30	16 27	0 41	21 46	0 39	14 19	16 52	22 7	22 2	2 8	4 20	1 59
W20	23 14	15 39	5 13	20 56	0n 7	17 45	1 49	23 51	0 31	21 40	0 25	14 30	1 30	16 27	0 41	21 46	0 39	14 18	16 52	22 7	22 2	2 11	4 20	1 59
T 21	23 10	19 36	4 56	20 38	0 25	17 22	1 48	23 54	0 32	21 38	0 25	14 28	1 30	16 26	0 41	21 46	0 39	14 18	16 51	22 7	22 3	2 14	4 20	1 59
F 22	23 5	22 46	4 24	20 21	0 43	16 58	1 46	23 56	0 32	21 35	0 25	14 26	1 30	16 25	0 41	21 46	0 39	14 17	16 51	22 7	22 3	2 17	4 20	1 59
S 23	23 0	24 53	3 38	20 6	1 2	16 34	1 45	23 58	0 33	21 33	0 25	14 24	1 30	16 24	0 41	21 46	0 39	14 17	16 51	22 7	22 4	2 20	4 20	1 59
S 24	22 55	25 41	2 40	19 52	1 21	16 9	1 43	24 0	0 34	21 30	0 25	14 22	1 30	16 23	0 41	21 47	0 39	14 16	16 50	22 7	22 4	2 23	4 20	1 58
M25	22 49	24 59	1 31	19 40	1 40	15 44	1 42	24 2	0 34	21 28	0 25	14 20	1 30	16 22	0 41	21 47	0 39	14 16	16 50	22 7	22 5	2 26	4 21	1 58
T 26	22 43	22 45	0 16	19 30	1 59	15 19	1 40	24 3	0 35	21 25	0 25	14 18	1 30	16 21	0 41	21 47	0 39	14 15	16 49	22 7	22 5	2 29	4 21	1 58
W27	22 36	19 4	1n 3	19 23	2 17	14 53	1 38	24 5	0 35	21 23	0 25	14 15	1 30	16 20	0 41	21 47	0 39	14 15	16 49	22 7	22 6	2 32	4 21	1 58
T 28	22 28	14 14	2 18	19 17	2 33	14 27	1 36	24 6	0 36	21 20	0 25	14 13	1 30	16 19	0 41	21 48	0 39	14 14	16 49	22 7	22 6	2 35	4 21	1 58
F 29	22 21	8 34	3 25	19 14	2 48	14 0	1 34	24 6	0 37	21 18	0 25	14 11	1 30	16 18	0 41	21 48	0 39	14 14	16 48	22 7	22 7	2 38	4 22	1 57
S 30	22 13	2 27	4 19	19 12	3 1	13 34	1 32	24 7	0 37	21 15	0 25	14 9	1 30	16 17	0 41	21 48	0 39	14 13	16 48	22 7	22 7	2 41	4 22	1 57
S 31	22s 4	3n46	4n56	19s12	3n12	13s 6	1s30	24s 7	0s38	21s12	0s25	14s 7	1s30	16s16	0s41	21n48	0s39	14s13	16s48	22s 7	22s 7	2s44	4n22	1n57

Julian Day Number = 2298852.5, Delta T = 116.64 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'22, Lahiri = 18°01'22 Julian Calendar 1 Dec. 1581 == Greg. Calendar 11 Dec. 1581

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

JANUARY 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 20 16	20♑33'26	12♈22	16°R 5	0♓38	2♑25	27♑19	26♒36	17♒33	16°R39	2♈56	19°R 9	19♑ 5	26♍ 4	6♈31	M 1
T 2	7 24 13	21°34'32	26°28	14♑52	1°49	3°10	27°34	26°43	17°37	16♋37	2°57	19°D 9	19° 2	26°11	6°32	T 2
W 3	7 28 9	22°35'38	10♉24	13°43	3° 1	3°56	27°48	26°49	17°40	16°35	2°57	19♑10	18°59	26°17	6°34	W 3
T 4	7 32 6	23°36'43	24° 7	12°42	4°13	4°41	28° 2	26°55	17°43	16°34	2°58	19°10	18°56	26°24	6°35	T 4
F 5	7 36 2	24°37'47	7♊37	11°49	5°24	5°26	28°16	27° 2	17°46	16°32	2°58	19°10	18°52	26°31	6°37	F 5
S 6	7 39 59	25°38'51	20°54	11° 5	6°35	6°12	28°30	27° 9	17°50	16°30	2°59	19°11	18°49	26°38	6°38	S 6
S 7	7 43 55	26°39'53	3♋59	10°31	7°46	6°57	28°45	27°15	17°53	16°29	3° 0	19°12	18°46	26°44	6°40	S 7
M 8	7 47 52	27°40'54	16°50	10° 5	8°58	7°43	28°59	27°22	17°56	16°27	3° 0	19°R12	18°43	26°51	6°42	M 8
T 9	7 51 49	28°41'55	29°29	9°49	10° 8	8°28	29°13	27°28	18° 0	16°25	3° 1	19°12	18°40	26°58	6°43	T 9
W10	7 55 45	29°42'55	11♌55	9°D41	11°19	9°14	29°27	27°35	18° 3	16°24	3° 2	19°11	18°37	27° 4	6°45	W10
T 11	7 59 42	0♒43'54	24°10	9°41	12°30	9°59	29°41	27°42	18° 6	16°22	3° 3	19°10	18°33	27°11	6°47	T 11
F 12	8 3 38	1°44'52	6♍15	9°49	13°41	10°45	29°56	27°49	18°10	16°20	3° 4	19° 8	18°30	27°18	6°49	F 12
S 13	8 7 35	2°45'49	18°13	10° 4	14°51	11°30	0♒10	27°56	18°13	16°19	3° 4	19° 6	18°27	27°25	6°51	S 13
S 14	8 11 31	3°46'45	0♎ 6	10°25	16° 1	12°16	0°24	28° 2	18°16	16°17	3° 5	19° 4	18°24	27°31	6°53	S 14
M15	8 15 28	4°47'41	11°57	10°53	17°12	13° 2	0°38	28° 9	18°20	16°16	3° 6	19° 2	18°21	27°38	6°55	M15
T 16	8 19 24	5°48'35	23°52	11°26	18°22	13°47	0°53	28°16	18°23	16°14	3° 7	19° 0	18°18	27°45	6°57	T 16
W17	8 23 21	6°49'29	5♏53	12° 4	19°32	14°33	1° 7	28°23	18°27	16°12	3° 8	19°D 0	18°14	27°51	7° 0	W17
T 18	8 27 18	7°50'23	18° 6	12°47	20°42	15°19	1°21	28°30	18°30	16°11	3° 9	19° 0	18°11	27°58	7° 2	T 18
F 19	8 31 14	8°51'15	0♐35	13°33	21°51	16° 5	1°35	28°37	18°33	16° 9	3°10	19° 1	18° 8	28° 5	7° 4	F 19
S 20	8 35 11	9°52'06	13°25	14°24	23° 1	16°51	1°49	28°44	18°37	16° 8	3°11	19° 3	18° 5	28°12	7° 6	S 20
S 21	8 39 7	10°52'57	26°39	15°18	24°10	17°36	2° 3	28°51	18°40	16° 6	3°11	19° 4	18° 2	28°18	7° 9	S 21
M22	8 43 4	11°53'46	10♑18	16°15	25°19	18°22	2°18	28°58	18°44	16° 5	3°12	19° 5	17°58	28°25	7°11	M22
T 23	8 47 0	12°54'35	24°23	17°15	26°28	19° 8	2°32	29° 5	18°47	16° 3	3°13	19°R 6	17°55	28°32	7°13	T 23
W24	8 50 57	13°55'22	8♒50	18°18	27°37	19°54	2°46	29°12	18°51	16° 2	3°14	19° 4	17°52	28°38	7°16	W24
T 25	8 54 54	14°56'08	23°35	19°23	28°46	20°40	3° 0	29°20	18°54	16° 0	3°16	19° 2	17°49	28°45	7°18	T 25
F 26	8 58 50	15°56'52	8♓30	20°30	29°54	21°26	3°14	29°27	18°58	15°59	3°17	18°59	17°46	28°52	7°21	F 26
S 27	9 2 47	16°57'35	23°25	21°39	1♈ 3	22°12	3°28	29°34	19° 1	15°58	3°18	18°54	17°43	28°59	7°24	S 27
S 28	9 6 43	17°58'16	8♈14	22°51	2°11	22°58	3°42	29°41	19° 5	15°56	3°19	18°50	17°39	29° 5	7°26	S 28
M29	9 10 40	18°58'56	22°49	24° 4	3°19	23°45	3°56	29°48	19° 8	15°55	3°20	18°47	17°36	29°12	7°29	M29
T 30	9 14 36	19°59'34	7♉ 5	25°19	4°27	24°31	4°10	29°56	19°11	15°53	3°21	18°45	17°33	29°19	7°32	T 30
W31	9 18 33	21♒ 0'10	21♉ 1	26♑35	5♈34	25♑17	4♒24	0♓ 3	19♒15	15♋52	3♈22	18°D44	17♑30	29♍25	7♈34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s55	9n43	5n15	19s13	3n20	12s39	1s28	24s 7	0s38	21s10	0s26	14s 5	1s30	16s15	0s41	21n48	0s39	14s12	16s47	22s 7	22s 8	2s47	4n23	1n57
T 2	21 46	15 7	5 15	19 16	3 25	12 11	1 26	24 6	0 39	21 7	0 26	14 2	1 30	16 14	0 41	21 49	0 39	14 12	16 47	22 7	22 8	2 50	4 23	1 57
W 3	21 36	19 39	4 56	19 20	3 28	11 43	1 23	24 6	0 40	21 4	0 26	14 0	1 29	16 13	0 41	21 49	0 39	14 11	16 47	22 7	22 9	2 53	4 24	1 57
T 4	21 25	23 3	4 20	19 25	3 29	11 14	1 21	24 5	0 40	21 1	0 26	13 58	1 29	16 12	0 41	21 49	0 39	14 11	16 46	22 7	22 9	2 56	4 24	1 56
F 5	21 15	25 6	3 31	19 32	3 27	10 46	1 18	24 4	0 41	20 59	0 26	13 56	1 29	16 11	0 41	21 49	0 39	14 10	16 46	22 7	22 10	2 59	4 25	1 56
S 6	21 4	25 41	2 31	19 39	3 24	10 17	1 15	24 2	0 41	20 56	0 26	13 53	1 29	16 10	0 41	21 50	0 39	14 9	16 46	22 7	22 10	3 2	4 25	1 56
S 7	20 52	24 49	1 23	19 47	3 19	9 48	1 12	24 1	0 42	20 53	0 26	13 51	1 29	16 9	0 41	21 50	0 39	14 9	16 45	22 7	22 11	3 5	4 26	1 56
M 8	20 40	22 39	0 13	19 55	3 12	9 18	1 10	23 59	0 42	20 50	0 26	13 49	1 29	16 8	0 41	21 50	0 39	14 8	16 45	22 7	22 11	3 8	4 26	1 56
T 9	20 28	19 23	0s57	20 4	3 5	8 49	1 7	23 56	0 43	20 47	0 26	13 47	1 29	16 7	0 41	21 50	0 39	14 8	16 45	22 7	22 11	3 11	4 27	1 56
W10	20 15	15 18	2 3	20 13	2 56	8 19	1 3	23 54	0 44	20 44	0 26	13 44	1 29	16 6	0 41	21 50	0 39	14 7	16 44	22 7	22 12	3 14	4 27	1 55
T 11	20 2	10 38	3 2	20 22	2 47	7 49	1 0	23 51	0 44	20 42	0 26	13 42	1 29	16 5	0 41	21 51	0 39	14 7	16 44	22 7	22 12	3 17	4 28	1 55
F 12	19 49	5 39	3 52	20 31	2 37	7 19	0 57	23 48	0 45	20 39	0 26	13 40	1 29	16 4	0 41	21 51	0 39	14 6	16 44	22 8	22 13	3 19	4 28	1 55
S 13	19 35	0 30	4 31	20 40	2 27	6 48	0 54	23 45	0 45	20 36	0 27	13 37	1 29	16 3	0 41	21 51	0 39	14 5	16 43	22 8	22 13	3 22	4 29	1 55
S 14	19 21	4s36	4 59	20 49	2 16	6 18	0 50	23 41	0 46	20 33	0 27	13 35	1 29	16 2	0 41	21 51	0 39	14 5	16 43	22 8	22 14	3 25	4 30	1 55
M15	19 7	9 32	5 13	20 58	2 5	5 47	0 47	23 38	0 46	20 30	0 27	13 32	1 29	16 1	0 41	21 51	0 39	14 4	16 43	22 8	22 14	3 28	4 30	1 55
T 16	18 52	14 9	5 15	21 6	1 54	5 16	0 43	23 34	0 47	20 27	0 27	13 30	1 29	16 0	0 41	21 52	0 39	14 4	16 42	22 9	22 14	3 31	4 31	1 54
W17	18 37	18 15	5 2	21 14	1 44	4 46	0 39	23 29	0 48	20 24	0 27	13 28	1 29	15 59	0 41	21 52	0 39	14 3	16 42	22 9	22 15	3 34	4 32	1 54
T 18	18 21	21 40	4 36	21 21	1 33	4 15	0 36	23 25	0 48	20 21	0 27	13 25	1 29	15 58	0 41	21 52	0 39	14 2	16 42	22 9	22 15	3 37	4 32	1 54
F 19	18 5	24 10	3 56	21 27	1 22	3 44	0 32	23 20	0 49	20 18	0 27	13 23	1 29	15 57	0 41	21 52	0 39	14 2	16 42	22 8	22 16	3 40	4 33	1 54
S 20	17 49	25 30	3 4	21 32	1 11	3 12	0 28	23 15	0 49	20 15	0 27	13 20	1 29	15 56	0 41	21 52	0 39	14 1	16 41	22 8	22 16	3 43	4 34	1 54
S 21	17 33	25 28	2 1	21 37	1 1	2 41	0 24	23 9	0 50	20 11	0 27	13 18	1 29	15 54	0 41	21 53	0 39	14 0	16 41	22 8	22 17	3 46	4 35	1 54
M22	17 16	23 54	0 48	21 40	0 50	2 10	0 20	23 4	0 50	20 8	0 27	13 15	1 29	15 53	0 41	21 53	0 39	14 0	16 41	22 8	22 17	3 49	4 36	1 53
T 23	16 59	20 49	0n29	21 43	0 40	1 39	0 16	22 58	0 51	20 5	0 28	13 13	1 29	15 52	0 41	21 53	0 39	13 59	16 40	22 8	22 17	3 52	4 36	1 53
W24	16 41	16 23	1 46	21 45	0 30	1 7	0 11	22 52	0 51	20 2	0 28	13 10	1 29	15 51	0 41	21 53	0 39	13 58	16 40	22 8	22 18	3 55	4 37	1 53
T 25	16 24	10 53	2 58	21 46	0 20	0 36	0 7	22 45	0 52	19 59	0 28	13 8	1 29	15 50	0 41	21 53	0 39	13 58	16 40	22 8	22 18	3 58	4 38	1 53
F 26	16 6	4 43	3 59	21 45	0 11	0 5	0 3	22 39	0 52	19 56	0 28	13 5	1 29	15 49	0 41	21 54	0 39	13 57	16 40	22 9	22 19	4 1	4 39	1 53
S 27	15 47	1n42	4 43	21 44	0 1	0n27	0n 2	22 32	0 53	19 53	0 28	13 3	1 30	15 48	0 41	21 54	0 39	13 57	16 39	22 9	22 19	4 4	4 40	1 53
S 28	15 29	7 59	5 8	21 41	0s 8	0 58	0 6	22 25	0 54	19 49	0 28	13 0	1 30	15 47	0 41	21 54	0 39	13 56	16 39	22 10	22 20	4 7	4 41	1 52
M29	15 10	13 43	5 12	21 37	0 17	1 29	0 11	22 17	0 54	19 46	0 28	12 58	1 30	15 46	0 41	21 54	0 39	13 55	16 39	22 10	22 20	4 10	4 42	1 52
T 30	14 51	18 35	4 57	21 32	0 25	2 0	0 15	22 10	0 55	19 43	0 28	12 55	1 30	15 45	0 41	21 54	0 39	13 55	16 39	22 11	22 20	4 12	4 43	1 52
W31	14s32	22n18	4n25	21s26	0s33	2n32	0n20	22s 2	0s55	19s40	0s28	12s53	1s30	15s44	0s41	21n55	0s39	13s54	16s38	22s11	22s21	4s15	4n44	1n52

Julian Day Number = 2298883.5, Delta T = 116.50 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'26, Lahiri = 18°01'26 Julian Calendar 1 Jan. 1582 == Greg. Calendar 11 Jan. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

FEBRUARY 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 22 29	22♒ 0'44	4♊35	27♉53	6♈42	26♉ 3	4♒38	0♓10	19♒18	15°R51	3♈23	18♉45	17♉27	29♍32	7♈37	T 1
F 2	9 26 26	23° 1'16	17°51	29°12	7°49	26°49	4°52	0°17	19°22	15♋50	3°24	18°46	17°24	29°39	7°40	F 2
S 3	9 30 22	24° 1'47	0♋49	0♒33	8°56	27°35	5° 6	0°25	19°25	15°48	3°25	18°48	17°20	29°46	7°43	S 3
S 4	9 34 19	25° 2'16	13°32	1°55	10° 3	28°22	5°20	0°32	19°29	15°47	3°27	18°R49	17°17	29°52	7°46	S 4
M 5	9 38 16	26° 2'43	26° 3	3°18	11° 9	29° 8	5°33	0°39	19°32	15°46	3°28	18°49	17°14	29°59	7°49	M 5
T 6	9 42 12	27° 3'08	8♌24	4°43	12°15	29°54	5°47	0°46	19°36	15°45	3°29	18°47	17°11	0♎ 6	7°52	T 6
W 7	9 46 9	28° 3'31	20°36	6° 8	13°21	0♒41	6° 1	0°54	19°39	15°43	3°30	18°43	17° 8	0°12	7°55	W 7
T 8	9 50 5	29° 3'53	2♍41	7°35	14°27	1°27	6°15	1° 1	19°43	15°42	3°32	18°37	17° 4	0°19	7°58	T 8
F 9	9 54 2	0♓ 4'12	14°40	9° 3	15°32	2°13	6°28	1° 8	19°46	15°41	3°33	18°30	17° 1	0°26	8° 1	F 9
S 10	9 57 58	1° 4'30	26°35	10°32	16°37	3° 0	6°42	1°16	19°50	15°40	3°34	18°22	16°58	0°33	8° 4	S 10
S 11	10 1 55	2° 4'47	8♎27	12° 2	17°42	3°46	6°56	1°23	19°53	15°39	3°35	18°13	16°55	0°39	8° 7	S 11
M12	10 5 51	3° 5'02	20°19	13°34	18°47	4°32	7° 9	1°30	19°56	15°38	3°37	18° 5	16°52	0°46	8°10	M12
T 13	10 9 48	4° 5'15	2♏14	15° 6	19°51	5°19	7°23	1°37	20° 0	15°37	3°38	17°59	16°49	0°53	8°13	T 13
W14	10 13 45	5° 5'27	14°14	16°39	20°55	6° 5	7°36	1°45	20° 3	15°36	3°39	17°54	16°45	1° 0	8°17	W14
T 15	10 17 41	6° 5'37	26°24	18°14	21°59	6°52	7°49	1°52	20° 7	15°35	3°40	17°52	16°42	1° 6	8°20	T 15
F 16	10 21 38	7° 5'46	8♐48	19°49	23° 2	7°38	8° 3	1°59	20°10	15°34	3°42	17°D51	16°39	1°13	8°23	F 16
S 17	10 25 34	8° 5'53	21°32	21°26	24° 5	8°25	8°16	2° 7	20°13	15°33	3°43	17°52	16°36	1°20	8°26	S 17
S 18	10 29 31	9° 5'59	4♑39	23° 4	25° 8	9°11	8°29	2°14	20°17	15°32	3°44	17°53	16°33	1°26	8°30	S 18
M19	10 33 27	10° 6'03	18°13	24°43	26°10	9°58	8°43	2°21	20°20	15°31	3°46	17°R54	16°30	1°33	8°33	M19
T 20	10 37 24	11° 6'05	2♒16	26°23	27°12	10°44	8°56	2°28	20°23	15°31	3°47	17°53	16°26	1°40	8°36	T 20
W21	10 41 20	12° 6'06	16°47	28° 4	28°14	11°31	9° 9	2°36	20°27	15°30	3°49	17°50	16°23	1°47	8°40	W21
T 22	10 45 17	13° 6'04	1♓41	29°46	29°15	12°18	9°22	2°43	20°30	15°29	3°50	17°44	16°20	1°53	8°43	T 22
F 23	10 49 14	14° 6'01	16°51	1♓29	0♉16	13° 4	9°35	2°50	20°33	15°28	3°51	17°37	16°17	2° 0	8°47	F 23
S 24	10 53 10	15° 5'56	2♈ 8	3°13	1°17	13°51	9°48	2°57	20°36	15°28	3°53	17°28	16°14	2° 7	8°50	S 24
S 25	10 57 7	16° 5'48	17°19	4°59	2°17	14°37	10° 1	3° 4	20°40	15°27	3°54	17°19	16°10	2°13	8°54	S 25
M26	11 1 3	17° 5'39	2♉14	6°46	3°17	15°24	10°14	3°12	20°43	15°26	3°56	17°11	16° 7	2°20	8°57	M26
T 27	11 5 0	18° 5'27	16°47	8°34	4°16	16°11	10°26	3°19	20°46	15°26	3°57	17° 5	16° 4	2°27	9° 1	T 27
W28	11 8 56	19♓ 5'14	0♊53	10♓23	5♉14	16♒57	10♒39	3♓26	20♒49	15♋25	3♈58	17♉ 1	16♉ 1	2♎34	9♈ 4	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	24n41	3n38	21s18	0s41	3n 3	0n25	21s54	0s56	19s37	0s29	12s50	1s30	15s43	0s41	21n55	0s39	13s53	16s38	22s11	22s21	4s18	4n45	1n52
F 2	13 52	25 37	2 41	21 10	0 49	3 34	0 30	21 45	0 56	19 33	0 29	12 48	1 30	15 41	0 41	21 55	0 39	13 53	16 38	22 11	22 22	4 21	4 46	1 52
S 3	13 33	25 6	1 37	21 0	0 56	4 5	0 35	21 37	0 57	19 30	0 29	12 45	1 30	15 40	0 41	21 55	0 39	13 52	16 38	22 10	22 22	4 24	4 47	1 52
S 4	13 12	23 17	0 29	20 48	1 3	4 35	0 39	21 28	0 57	19 27	0 29	12 43	1 30	15 39	0 41	21 55	0 39	13 51	16 38	22 10	22 22	4 27	4 48	1 51
M 5	12 52	20 21	0s39	20 36	1 10	5 6	0 44	21 19	0 58	19 24	0 29	12 40	1 30	15 38	0 41	21 55	0 38	13 51	16 37	22 10	22 23	4 30	4 49	1 51
T 6	12 31	16 31	1 44	20 22	1 16	5 37	0 49	21 10	0 58	19 20	0 29	12 37	1 30	15 37	0 41	21 56	0 38	13 50	16 37	22 10	22 23	4 33	4 50	1 51
W 7	12 11	12 4	2 44	20 7	1 22	6 7	0 55	21 0	0 59	19 17	0 29	12 35	1 30	15 36	0 41	21 56	0 38	13 49	16 37	22 11	22 24	4 36	4 51	1 51
T 8	11 50	7 12	3 35	19 50	1 28	6 37	1 0	20 51	0 59	19 14	0 29	12 32	1 30	15 35	0 41	21 56	0 38	13 49	16 37	22 12	22 24	4 39	4 52	1 51
F 9	11 28	2 6	4 17	19 32	1 34	7 8	1 5	20 41	1 0	19 10	0 29	12 30	1 30	15 34	0 41	21 56	0 38	13 48	16 36	22 13	22 24	4 42	4 53	1 51
S 10	11 7	3s 1	4 46	19 13	1 39	7 38	1 10	20 30	1 0	19 7	0 30	12 27	1 30	15 33	0 41	21 56	0 38	13 47	16 36	22 14	22 25	4 45	4 54	1 51
S 11	10 46	8 0	5 4	18 53	1 43	8 7	1 15	20 20	1 0	19 4	0 30	12 25	1 30	15 32	0 41	21 56	0 38	13 47	16 36	22 15	22 25	4 47	4 55	1 50
M12	10 24	12 42	5 8	18 31	1 48	8 37	1 21	20 9	1 1	19 0	0 30	12 22	1 30	15 31	0 41	21 57	0 38	13 46	16 36	22 16	22 26	4 50	4 56	1 50
T 13	10 2	16 56	4 59	18 7	1 52	9 6	1 26	19 59	1 1	18 57	0 30	12 20	1 30	15 30	0 41	21 57	0 38	13 45	16 36	22 17	22 26	4 53	4 57	1 50
W14	9 40	20 32	4 36	17 43	1 56	9 36	1 31	19 48	1 2	18 54	0 30	12 17	1 30	15 29	0 41	21 57	0 38	13 45	16 36	22 18	22 26	4 56	4 59	1 50
T 15	9 18	23 18	4 1	17 17	1 59	10 5	1 37	19 36	1 2	18 51	0 30	12 14	1 30	15 27	0 41	21 57	0 38	13 44	16 35	22 18	22 27	4 59	5 0	1 50
F 16	8 56	25 1	3 15	16 50	2 2	10 33	1 42	19 25	1 3	18 47	0 30	12 12	1 30	15 26	0 41	21 57	0 38	13 43	16 35	22 18	22 27	5 2	5 1	1 50
S 17	8 33	25 30	2 17	16 21	2 4	11 2	1 48	19 13	1 3	18 44	0 31	12 9	1 31	15 25	0 41	21 57	0 38	13 43	16 35	22 18	22 28	5 5	5 2	1 50
S 18	8 11	24 35	1 11	15 51	2 6	11 30	1 53	19 1	1 4	18 41	0 31	12 7	1 31	15 24	0 41	21 57	0 38	13 42	16 35	22 18	22 28	5 8	5 3	1 50
M19	7 48	22 13	0n 2	15 20	2 8	11 58	1 59	18 49	1 4	18 37	0 31	12 4	1 31	15 23	0 41	21 57	0 38	13 41	16 35	22 18	22 28	5 11	5 4	1 49
T 20	7 25	18 28	1 16	14 47	2 9	12 26	2 4	18 37	1 4	18 34	0 31	12 2	1 31	15 22	0 41	21 58	0 38	13 41	16 35	22 18	22 29	5 14	5 6	1 49
W21	7 2	13 29	2 28	14 13	2 10	12 53	2 10	18 24	1 5	18 30	0 31	11 59	1 31	15 21	0 41	21 58	0 38	13 40	16 35	22 18	22 29	5 16	5 7	1 49
T 22	6 39	7 36	3 32	13 37	2 11	13 20	2 15	18 12	1 5	18 27	0 31	11 57	1 31	15 20	0 41	21 58	0 38	13 39	16 34	22 19	22 30	5 19	5 8	1 49
F 23	6 16	1 11	4 22	13 0	2 11	13 47	2 21	17 59	1 6	18 24	0 31	11 54	1 31	15 19	0 41	21 58	0 38	13 39	16 34	22 20	22 30	5 22	5 9	1 49
S 24	5 53	5n20	4 54	12 22	2 10	14 14	2 26	17 46	1 6	18 20	0 31	11 52	1 31	15 18	0 41	21 58	0 38	13 38	16 34	22 21	22 30	5 25	5 11	1 49
S 25	5 30	11 30	5 4	11 43	2 10	14 40	2 32	17 33	1 7	18 17	0 32	11 49	1 31	15 17	0 41	21 58	0 38	13 37	16 34	22 22	22 31	5 28	5 12	1 49
M26	5 6	16 52	4 54	11 2	2 8	15 6	2 37	17 19	1 7	18 14	0 32	11 46	1 31	15 16	0 41	21 58	0 38	13 37	16 34	22 23	22 31	5 31	5 13	1 49
T 27	4 43	21 7	4 25	10 20	2 6	15 31	2 43	17 6	1 7	18 10	0 32	11 44	1 31	15 15	0 41	21 58	0 38	13 36	16 34	22 24	22 31	5 34	5 15	1 49
W28	4s20	23n58	3n40	9s36	2s 4	15n57	2n48	16s52	1s 8	18s 7	0s32	11s41	1s31	15s14	0s41	21n58	0s38	13s35	16s34	22s25	22s32	5s37	5n16	1n48

Julian Day Number = 2298914.5, Delta T = 116.35 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'30, Lahiri = 18°01'31 Julian Calendar 1 Feb. 1582 == Greg. Calendar 11 Feb. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

MARCH 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 12 53	20♓ 4'57	14♊32	12♓13	6♉13	17♒44	10♒52	3♓33	20♒52	15°R24	4♈ 0	16°D59	15♑58	2♎40	9♈ 8	T 1
F 2	11 16 49	21° 4'39	27°45	14° 5	7°10	18°31	11° 4	3°40	20°55	15♋24	4° 1	16♑59	15°55	2°47	9°11	F 2
S 3	11 20 46	22° 4'18	10♋36	15°58	8° 8	19°17	11°17	3°47	20°58	15°24	4° 3	17°R 0	15°51	2°54	9°15	S 3
S 4	11 24 43	23° 3'55	23° 9	17°51	9° 4	20° 4	11°29	3°54	21° 2	15°23	4° 4	17° 0	15°48	3° 0	9°18	S 4
M 5	11 28 39	24° 3'30	5♌28	19°47	10° 1	20°51	11°41	4° 1	21° 5	15°23	4° 6	16°58	15°45	3° 7	9°22	M 5
T 6	11 32 36	25° 3'02	17°36	21°43	10°56	21°37	11°54	4° 8	21° 8	15°22	4° 7	16°54	15°42	3°14	9°26	T 6
W 7	11 36 32	26° 2'32	29°38	23°40	11°51	22°24	12° 6	4°15	21°11	15°22	4° 8	16°47	15°39	3°21	9°29	W 7
T 8	11 40 29	27° 2'00	11♍34	25°39	12°46	23°10	12°18	4°22	21°14	15°22	4°10	16°38	15°35	3°27	9°33	T 8
F 9	11 44 25	28° 1'26	23°28	27°38	13°39	23°57	12°30	4°29	21°17	15°21	4°11	16°26	15°32	3°34	9°36	F 9
S 10	11 48 22	29° 0'49	5♎21	29°39	14°32	24°44	12°42	4°36	21°20	15°21	4°13	16°12	15°29	3°41	9°40	S 10
S 11	11 52 18	0♈ 0'11	17°13	1♈40	15°25	25°30	12°54	4°43	21°22	15°21	4°14	15°58	15°26	3°47	9°44	S 11
M12	11 56 15	0°59'31	29° 8	3°42	16°16	26°17	13° 6	4°50	21°25	15°21	4°16	15°46	15°23	3°54	9°47	M12
T 13	12 0 12	1°58'48	11♏ 5	5°44	17° 7	27° 4	13°17	4°56	21°28	15°21	4°17	15°34	15°20	4° 1	9°51	T 13
W14	12 4 8	2°58'04	23° 9	7°47	17°58	27°50	13°29	5° 3	21°31	15°20	4°19	15°26	15°16	4° 8	9°55	W14
T 15	12 8 5	3°57'18	5♐20	9°50	18°47	28°37	13°40	5°10	21°34	15°20	4°20	15°20	15°13	4°14	9°58	T 15
F 16	12 12 1	4°56'30	17°45	11°53	19°36	29°24	13°52	5°17	21°37	15°20	4°22	15°17	15°10	4°21	10° 2	F 16
S 17	12 15 58	5°55'41	0♑25	13°56	20°24	0♓10	14° 3	5°23	21°39	15°D20	4°23	15°16	15° 7	4°28	10° 6	S 17
S 18	12 19 54	6°54'49	13°26	15°58	21°11	0°57	14°15	5°30	21°42	15°20	4°25	15°16	15° 4	4°35	10°10	S 18
M19	12 23 51	7°53'56	26°51	17°59	21°57	1°44	14°26	5°36	21°45	15°20	4°26	15°16	15° 1	4°41	10°13	M19
T 20	12 27 47	8°53'01	10♒45	19°58	22°42	2°30	14°37	5°43	21°47	15°20	4°27	15°14	14°57	4°48	10°17	T 20
W21	12 31 44	9°52'05	25° 6	21°56	23°26	3°17	14°48	5°49	21°50	15°21	4°29	15°10	14°54	4°55	10°21	W21
T 22	12 35 41	10°51'06	9♓54	23°52	24° 9	4° 4	14°59	5°56	21°52	15°21	4°30	15° 3	14°51	5° 1	10°24	T 22
F 23	12 39 37	11°50'05	25° 2	25°46	24°51	4°50	15°10	6° 2	21°55	15°21	4°32	14°54	14°48	5° 8	10°28	F 23
S 24	12 43 34	12°49'03	10♈21	27°37	25°32	5°37	15°20	6° 9	21°57	15°21	4°33	14°43	14°45	5°15	10°32	S 24
S 25	12 47 30	13°47'58	25°39	29°24	26°12	6°24	15°31	6°15	22° 0	15°21	4°35	14°32	14°41	5°22	10°35	S 25
M26	12 51 27	14°46'52	10♉46	1♉ 8	26°51	7°10	15°41	6°21	22° 2	15°22	4°36	14°21	14°38	5°28	10°39	M26
T 27	12 55 23	15°45'43	25°31	2°48	27°29	7°57	15°52	6°27	22° 5	15°22	4°38	14°13	14°35	5°35	10°43	T 27
W28	12 59 20	16°44'32	9♊49	4°25	28° 5	8°43	16° 2	6°34	22° 7	15°22	4°39	14° 8	14°32	5°42	10°47	W28
T 29	13 3 16	17°43'19	23°37	5°57	28°40	9°30	16°12	6°40	22° 9	15°23	4°41	14° 5	14°29	5°48	10°50	T 29
F 30	13 7 13	18°42'04	6♋56	7°24	29°13	10°16	16°22	6°46	22°12	15°23	4°42	14° 4	14°26	5°55	10°54	F 30
S 31	13 11 9	19♈40'46	19♋49	8♉46	29♉46	11♓ 3	16♒32	6♓52	22♒14	15♋24	4♈43	14♑ 4	14♑22	6♎ 2	10♈58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s56	25n19	2n44	8s52	2s 1	16n21	2n54	16s38	1s 8	18s 4	0s32	11s39	1s31	15s13	0s41	21n59	0s38	13s35	16s34	22s25	22s32	5s39	5n17	1n48
F 2	3 33	25 9	1 41	8 5	1 58	16 46	2 59	16 24	1 8	18 1	0 32	11 36	1 32	15 12	0 41	21 59	0 38	13 34	16 34	22 25	22 33	5 42	5 18	1 48
S 3	3 9	23 38	0 34	7 18	1 54	17 10	3 5	16 10	1 9	17 57	0 32	11 34	1 32	15 11	0 41	21 59	0 38	13 33	16 34	22 25	22 33	5 45	5 20	1 48
S 4	2 46	20 58	0s33	6 30	1 50	17 34	3 10	15 55	1 9	17 54	0 33	11 31	1 32	15 10	0 41	21 59	0 38	13 33	16 33	22 25	22 33	5 48	5 21	1 48
M 5	2 22	17 23	1 37	5 40	1 45	17 57	3 16	15 41	1 10	17 51	0 33	11 29	1 32	15 9	0 41	21 59	0 38	13 32	16 33	22 25	22 34	5 51	5 22	1 48
T 6	1 58	13 8	2 35	4 49	1 39	18 20	3 21	15 26	1 10	17 47	0 33	11 27	1 32	15 8	0 41	21 59	0 38	13 32	16 33	22 25	22 34	5 54	5 24	1 48
W 7	1 35	8 25	3 26	3 57	1 34	18 42	3 27	15 11	1 10	17 44	0 33	11 24	1 32	15 7	0 41	21 59	0 38	13 31	16 33	22 26	22 34	5 57	5 25	1 48
T 8	1 11	3 26	4 7	3 4	1 27	19 4	3 32	14 56	1 11	17 41	0 33	11 22	1 32	15 6	0 41	21 59	0 38	13 30	16 33	22 27	22 35	5 59	5 26	1 48
F 9	0 47	1s39	4 37	2 10	1 20	19 26	3 37	14 41	1 11	17 38	0 33	11 19	1 32	15 5	0 41	21 59	0 38	13 30	16 33	22 29	22 35	6 2	5 28	1 48
S 10	0 24	6 38	4 55	1 15	1 12	19 47	3 43	14 26	1 11	17 34	0 34	11 17	1 32	15 5	0 41	21 59	0 38	13 29	16 33	22 31	22 36	6 5	5 29	1 48
S 11	0n 0	11 24	5 0	0 19	1 4	20 7	3 48	14 10	1 11	17 31	0 34	11 14	1 33	15 4	0 41	21 59	0 37	13 29	16 33	22 32	22 36	6 8	5 31	1 47
M12	0 24	15 44	4 52	0n37	0 56	20 28	3 53	13 55	1 12	17 28	0 34	11 12	1 33	15 3	0 41	21 59	0 37	13 28	16 33	22 34	22 36	6 11	5 32	1 47
T 13	0 47	19 29	4 32	1 34	0 47	20 47	3 58	13 39	1 12	17 25	0 34	11 10	1 33	15 2	0 41	21 59	0 37	13 27	16 33	22 35	22 37	6 14	5 33	1 47
W14	1 11	22 27	3 59	2 32	0 37	21 7	4 3	13 23	1 12	17 22	0 34	11 7	1 33	15 1	0 41	21 59	0 37	13 27	16 33	22 36	22 37	6 16	5 35	1 47
T 15	1 35	24 26	3 14	3 29	0 27	21 26	4 8	13 7	1 13	17 18	0 34	11 5	1 33	15 0	0 41	21 59	0 37	13 26	16 33	22 37	22 37	6 19	5 36	1 47
F 16	1 58	25 15	2 20	4 27	0 17	21 44	4 13	12 51	1 13	17 15	0 35	11 3	1 33	14 59	0 41	22 0	0 37	13 26	16 33	22 37	22 38	6 22	5 37	1 47
S 17	2 22	24 47	1 18	5 25	0 6	22 2	4 18	12 35	1 13	17 12	0 35	11 0	1 33	14 58	0 41	22 0	0 37	13 25	16 33	22 37	22 38	6 25	5 39	1 47
S 18	2 45	22 59	0 10	6 22	0n 5	22 19	4 23	12 18	1 13	17 9	0 35	10 58	1 33	14 57	0 41	22 0	0 37	13 24	16 33	22 37	22 38	6 28	5 40	1 47
M19	3 8	19 50	1n 1	7 19	0 16	22 36	4 28	12 2	1 14	17 6	0 35	10 56	1 34	14 57	0 41	22 0	0 37	13 24	16 33	22 37	22 39	6 31	5 42	1 47
T 20	3 32	15 29	2 10	8 15	0 28	22 52	4 32	11 45	1 14	17 3	0 35	10 53	1 34	14 56	0 41	22 0	0 37	13 23	16 33	22 37	22 39	6 33	5 43	1 47
W21	3 55	10 8	3 14	9 11	0 39	23 8	4 37	11 29	1 14	17 0	0 35	10 51	1 34	14 55	0 41	22 0	0 37	13 23	16 33	22 38	22 40	6 36	5 44	1 47
T 22	4 18	4 5	4 6	10 4	0 51	23 23	4 41	11 12	1 14	16 57	0 36	10 49	1 34	14 54	0 42	22 0	0 37	13 22	16 33	22 39	22 40	6 39	5 46	1 47
F 23	4 41	2n20	4 42	10 57	1 3	23 38	4 45	10 55	1 15	16 54	0 36	10 46	1 34	14 53	0 42	22 0	0 37	13 22	16 33	22 40	22 40	6 42	5 47	1 47
S 24	5 4	8 41	4 59	11 48	1 14	23 52	4 49	10 38	1 15	16 51	0 36	10 44	1 34	14 53	0 42	22 0	0 37	13 21	16 33	22 41	22 41	6 45	5 49	1 46
S 25	5 27	14 30	4 55	12 37	1 25	24 6	4 53	10 21	1 15	16 48	0 36	10 42	1 34	14 52	0 42	22 0	0 37	13 21	16 33	22 42	22 41	6 48	5 50	1 46
M26	5 50	19 21	4 29	13 23	1 36	24 19	4 57	10 4	1 15	16 45	0 36	10 40	1 35	14 51	0 42	22 0	0 37	13 20	16 33	22 43	22 41	6 50	5 51	1 46
T 27	6 13	22 51	3 46	14 8	1 46	24 31	5 1	9 47	1 15	16 42	0 36	10 38	1 35	14 50	0 42	22 0	0 37	13 20	16 33	22 44	22 42	6 53	5 53	1 46
W28	6 36	24 47	2 50	14 50	1 56	24 43	5 5	9 29	1 16	16 39	0 37	10 36	1 35	14 50	0 42	22 0	0 37	13 19	16 34	22 45	22 42	6 56	5 54	1 46
T 29	6 58	25 6	1 46	15 30	2 5	24 54	5 8	9 12	1 16	16 36	0 37	10 33	1 35	14 49	0 42	22 0	0 37	13 19	16 34	22 45	22 42	6 59	5 56	1 46
F 30	7 21	23 56	0 38	16 7	2 14	25 5	5 11	8 54	1 16	16 33	0 37	10 31	1 35	14 48	0 42	22 0	0 37	13 18	16 34	22 45	22 43	7 2	5 57	1 46
S 31	7n43	21n32	0s30	16n42	2n22	25n15	5n14	8s37	1s16	16s31	0s37	10s29	1s35	14s47	0s42	22n 0	0s37	13s18	16s34	22s45	22s43	7s 4	5n58	1n46

Julian Day Number = 2298942.5, Delta T = 116.22 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'34, Lahiri = 18°01'34 Julian Calendar 1 March 1582 == Greg. Calendar 11 March 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

APRIL 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 15 6	20♈39'26	2♌21	10♉ 4	0♊16	11♓49	16♒42	6♓58	22♒16	15♋24	4♈45	14°R 3	14♑19	6♎ 9	11♈ 1	S 1
M 2	13 19 3	21°38'04	14°37	11°16	0°45	12°36	16°52	7° 4	22°18	15°25	4°46	14♑ 2	14°16	6°15	11° 5	M 2
T 3	13 22 59	22°36'39	26°40	12°24	1°13	13°22	17° 1	7°10	22°20	15°25	4°48	13°57	14°13	6°22	11° 9	T 3
W 4	13 26 56	23°35'12	8♍37	13°26	1°39	14° 9	17°11	7°15	22°22	15°26	4°49	13°51	14°10	6°29	11°12	W 4
T 5	13 30 52	24°33'43	20°29	14°22	2° 3	14°55	17°20	7°21	22°25	15°26	4°50	13°41	14° 7	6°36	11°16	T 5
F 6	13 34 49	25°32'12	2♎20	15°13	2°26	15°42	17°29	7°27	22°27	15°27	4°52	13°29	14° 3	6°42	11°20	F 6
S 7	13 38 45	26°30'40	14°13	15°58	2°46	16°28	17°39	7°32	22°28	15°28	4°53	13°16	14° 0	6°49	11°23	S 7
S 8	13 42 42	27°29'05	26° 9	16°38	3° 5	17°14	17°48	7°38	22°30	15°28	4°55	13° 2	13°57	6°56	11°27	S 8
M 9	13 46 38	28°27'28	8♏ 8	17°11	3°22	18° 1	17°56	7°44	22°32	15°29	4°56	12°49	13°54	7° 2	11°30	M 9
T 10	13 50 35	29°25'49	20°14	17°39	3°36	18°47	18° 5	7°49	22°34	15°30	4°57	12°38	13°51	7° 9	11°34	T 10
W11	13 54 32	0♉24'09	2♐26	18° 2	3°49	19°33	18°14	7°54	22°36	15°31	4°59	12°30	13°47	7°16	11°37	W11
T 12	13 58 28	1°22'27	14°46	18°18	4° 0	20°20	18°22	8° 0	22°38	15°32	5° 0	12°24	13°44	7°23	11°41	T 12
F 13	14 2 25	2°20'43	27°17	18°29	4° 8	21° 6	18°31	8° 5	22°39	15°32	5° 1	12°21	13°41	7°29	11°45	F 13
S 14	14 6 21	3°18'58	10♑ 3	18°R35	4°14	21°52	18°39	8°10	22°41	15°33	5° 3	12°D20	13°38	7°36	11°48	S 14
S 15	14 10 18	4°17'12	23° 5	18°35	4°18	22°38	18°47	8°15	22°43	15°34	5° 4	12°20	13°35	7°43	11°52	S 15
M16	14 14 14	5°15'24	6♒27	18°29	4°R20	23°24	18°55	8°20	22°44	15°35	5° 5	12°R20	13°32	7°49	11°55	M16
T 17	14 18 11	6°13'34	20°12	18°19	4°19	24°11	19° 3	8°25	22°46	15°36	5° 7	12°19	13°28	7°56	11°59	T 17
W18	14 22 7	7°11'43	4♓22	18° 4	4°16	24°57	19°10	8°30	22°47	15°37	5° 8	12°17	13°25	8° 3	12° 2	W18
T 19	14 26 4	8° 9'50	18°55	17°44	4°10	25°43	19°18	8°35	22°49	15°38	5° 9	12°12	13°22	8°10	12° 5	T 19
F 20	14 30 1	9° 7'56	3♈47	17°21	4° 2	26°29	19°25	8°40	22°50	15°39	5°10	12° 4	13°19	8°16	12° 9	F 20
S 21	14 33 57	10° 6'00	18°51	16°54	3°52	27°15	19°33	8°45	22°51	15°40	5°12	11°56	13°16	8°23	12°12	S 21
S 22	14 37 54	11° 4'03	3♉59	16°24	3°39	28° 1	19°40	8°49	22°53	15°42	5°13	11°46	13°12	8°30	12°16	S 22
M23	14 41 50	12° 2'05	18°59	15°52	3°23	28°47	19°47	8°54	22°54	15°43	5°14	11°38	13° 9	8°37	12°19	M23
T 24	14 45 47	13° 0'04	3♊43	15°17	3° 6	29°33	19°53	8°58	22°55	15°44	5°15	11°31	13° 6	8°43	12°22	T 24
W25	14 49 43	13°58'03	18° 4	14°42	2°46	0♈19	20° 0	9° 3	22°56	15°45	5°16	11°27	13° 3	8°50	12°25	W25
T 26	14 53 40	14°55'59	1♋57	14° 6	2°24	1° 4	20° 7	9° 7	22°58	15°46	5°18	11°24	13° 0	8°57	12°29	T 26
F 27	14 57 36	15°53'54	15°22	13°29	1°59	1°50	20°13	9°11	22°59	15°48	5°19	11°D24	12°57	9° 3	12°32	F 27
S 28	15 1 33	16°51'46	28°20	12°54	1°33	2°36	20°19	9°16	23° 0	15°49	5°20	11°25	12°53	9°10	12°35	S 28
S 29	15 5 30	17°49'37	10♌56	12°20	1° 4	3°22	20°25	9°20	23° 1	15°50	5°21	11°26	12°50	9°17	12°38	S 29
M30	15 9 26	18♉47'26	23♌14	11♉47	0♊34	4♈ 8	20♒31	9♓24	23♒ 2	15♋52	5♈22	11°R26	12♑47	9♎24	12♈42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 5	18n 8	1s35	17n14	2n29	25n25	5n17	8s19	1s16	16s28	0s37	10s27	1s35	14s47	0s42	22n 0	0s37	13s17	16s34	22s45	22s43	7s 7	6n 0	1n46
M 2	8 27	14 2	2 34	17 43	2 36	25 34	5 20	8 2	1 16	16 25	0 38	10 25	1 36	14 46	0 42	22 0	0 37	13 17	16 34	22 45	22 44	7 10	6 1	1 46
T 3	8 49	9 26	3 25	18 9	2 41	25 42	5 22	7 44	1 17	16 22	0 38	10 23	1 36	14 45	0 42	22 0	0 37	13 16	16 34	22 46	22 44	7 13	6 2	1 46
W 4	9 11	4 33	4 6	18 32	2 46	25 49	5 24	7 26	1 17	16 20	0 38	10 21	1 36	14 45	0 42	21 59	0 37	13 16	16 34	22 46	22 44	7 15	6 4	1 46
T 5	9 32	0s27	4 36	18 53	2 49	25 56	5 26	7 8	1 17	16 17	0 38	10 19	1 36	14 44	0 42	21 59	0 37	13 15	16 34	22 47	22 45	7 18	6 5	1 46
F 6	9 54	5 26	4 55	19 10	2 52	26 3	5 28	6 50	1 17	16 14	0 38	10 17	1 36	14 44	0 42	21 59	0 37	13 15	16 34	22 49	22 45	7 21	6 7	1 46
S 7	10 15	10 13	5 0	19 25	2 53	26 8	5 29	6 32	1 17	16 12	0 39	10 15	1 36	14 43	0 42	21 59	0 37	13 15	16 35	22 50	22 45	7 24	6 8	1 46
S 8	10 36	14 39	4 52	19 37	2 54	26 13	5 30	6 14	1 17	16 9	0 39	10 13	1 37	14 42	0 42	21 59	0 37	13 14	16 35	22 51	22 46	7 27	6 9	1 46
M 9	10 57	18 32	4 32	19 46	2 53	26 17	5 31	5 56	1 17	16 7	0 39	10 11	1 37	14 42	0 42	21 59	0 37	13 14	16 35	22 52	22 46	7 29	6 11	1 46
T 10	11 18	21 41	3 59	19 52	2 51	26 20	5 31	5 38	1 17	16 4	0 39	10 9	1 37	14 41	0 42	21 59	0 37	13 13	16 35	22 54	22 46	7 32	6 12	1 46
W11	11 38	23 52	3 15	19 55	2 47	26 23	5 31	5 20	1 17	16 2	0 39	10 7	1 37	14 41	0 42	21 59	0 37	13 13	16 35	22 54	22 47	7 35	6 13	1 45
T 12	11 59	24 57	2 21	19 56	2 43	26 24	5 31	5 2	1 18	15 59	0 40	10 6	1 37	14 40	0 42	21 59	0 36	13 13	16 35	22 55	22 47	7 38	6 15	1 45
F 13	12 19	24 47	1 19	19 53	2 37	26 25	5 30	4 44	1 18	15 57	0 40	10 4	1 38	14 40	0 42	21 59	0 36	13 12	16 35	22 55	22 47	7 40	6 16	1 45
S 14	12 39	23 19	0 12	19 48	2 30	26 25	5 29	4 25	1 18	15 54	0 40	10 2	1 38	14 39	0 42	21 59	0 36	13 12	16 36	22 55	22 48	7 43	6 18	1 45
S 15	12 59	20 35	0n57	19 40	2 22	26 25	5 27	4 7	1 18	15 52	0 40	10 0	1 38	14 39	0 42	21 59	0 36	13 12	16 36	22 55	22 48	7 46	6 19	1 45
M16	13 18	16 41	2 5	19 29	2 12	26 23	5 25	3 49	1 18	15 50	0 41	9 59	1 38	14 38	0 42	21 59	0 36	13 11	16 36	22 55	22 48	7 49	6 20	1 45
T 17	13 38	11 49	3 7	19 16	2 2	26 20	5 23	3 30	1 18	15 48	0 41	9 57	1 38	14 38	0 42	21 59	0 36	13 11	16 36	22 55	22 49	7 51	6 22	1 45
W18	13 57	6 12	4 0	19 1	1 50	26 17	5 20	3 12	1 18	15 45	0 41	9 55	1 38	14 37	0 42	21 59	0 36	13 11	16 36	22 56	22 49	7 54	6 23	1 45
T 19	14 16	0 7	4 39	18 43	1 37	26 12	5 16	2 54	1 18	15 43	0 41	9 54	1 39	14 37	0 42	21 58	0 36	13 10	16 37	22 56	22 49	7 57	6 24	1 45
F 20	14 34	6n 6	5 0	18 23	1 23	26 7	5 12	2 35	1 18	15 41	0 41	9 52	1 39	14 36	0 42	21 58	0 36	13 10	16 37	22 57	22 50	8 0	6 25	1 45
S 21	14 53	12 2	5 1	18 1	1 8	26 0	5 8	2 17	1 18	15 39	0 42	9 50	1 39	14 36	0 43	21 58	0 36	13 10	16 37	22 57	22 50	8 2	6 27	1 45
S 22	15 11	17 17	4 41	17 37	0 52	25 53	5 3	1 59	1 18	15 37	0 42	9 49	1 39	14 35	0 43	21 58	0 36	13 9	16 37	22 58	22 50	8 5	6 28	1 45
M23	15 29	21 23	4 2	17 12	0 36	25 44	4 57	1 40	1 18	15 35	0 42	9 47	1 39	14 35	0 43	21 58	0 36	13 9	16 37	22 59	22 51	8 8	6 29	1 45
T 24	15 47	24 0	3 7	16 46	0 19	25 34	4 51	1 22	1 18	15 33	0 42	9 46	1 40	14 35	0 43	21 58	0 36	13 9	16 38	23 0	22 51	8 11	6 31	1 45
W25	16 4	24 58	2 1	16 19	0 2	25 24	4 44	1 4	1 18	15 31	0 43	9 44	1 40	14 34	0 43	21 58	0 36	13 8	16 38	23 0	22 51	8 13	6 32	1 45
T 26	16 21	24 19	0 50	15 51	0s16	25 12	4 36	0 45	1 18	15 29	0 43	9 43	1 40	14 34	0 43	21 58	0 36	13 8	16 38	23 0	22 51	8 16	6 33	1 45
F 27	16 38	22 15	0s21	15 24	0 33	24 59	4 28	0 27	1 17	15 28	0 43	9 41	1 40	14 34	0 43	21 58	0 36	13 8	16 38	23 0	22 52	8 19	6 34	1 45
S 28	16 55	19 5	1 30	14 57	0 50	24 45	4 19	0 9	1 17	15 26	0 43	9 40	1 40	14 33	0 43	21 57	0 36	13 8	16 38	23 0	22 52	8 21	6 36	1 45
S 29	17 11	15 6	2 32	14 30	1 7	24 30	4 10	0n 9	1 17	15 24	0 43	9 39	1 41	14 33	0 43	21 57	0 36	13 8	16 39	23 0	22 52	8 24	6 37	1 45
M30	17n27	10n34	3s25	14n 5	1s24	24n14	4n 0	0n28	1s17	15s22	0s44	9s37	1s41	14s33	0s43	21n57	0s36	13s 7	16s39	23s 0	22s53	8s27	6n38	1n45

Julian Day Number = 2298973.5, Delta T = 116.07 sec
Ecliptic obliquity = 23°29'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'38, Lahiri = 18°01'39 Julian Calendar 1 Apr. 1582 == Greg. Calendar 11 Apr. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

MAY 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 13 23	19♉45'14	5♍19	11°R17	0°R 2	4♈53	20♒37	9♓28	23♒ 2	15♋53	5♈23	11°R24	12♑44	9♎30	12♈45	T 1
W 2	15 17 19	20°42'59	17°15	10♉50	29♉28	5°39	20°42	9°32	23° 3	15°55	5°24	11♑21	12°41	9°37	12°48	W 2
T 3	15 21 16	21°40'43	29° 7	10°26	28°54	6°24	20°48	9°35	23° 4	15°56	5°26	11°15	12°38	9°44	12°51	T 3
F 4	15 25 12	22°38'26	10♎59	10° 6	28°18	7°10	20°53	9°39	23° 5	15°57	5°27	11° 8	12°34	9°51	12°54	F 4
S 5	15 29 9	23°36'07	22°54	9°49	27°41	7°55	20°58	9°43	23° 5	15°59	5°28	11° 0	12°31	9°57	12°57	S 5
S 6	15 33 5	24°33'46	4♏54	9°37	27° 4	8°41	21° 3	9°46	23° 6	16° 0	5°29	10°51	12°28	10° 4	13° 0	S 6
M 7	15 37 2	25°31'24	17° 1	9°28	26°26	9°26	21° 7	9°50	23° 7	16° 2	5°30	10°43	12°25	10°11	13° 3	M 7
T 8	15 40 59	26°29'01	29°17	9°D25	25°48	10°12	21°12	9°53	23° 7	16° 4	5°31	10°36	12°22	10°17	13° 6	T 8
W 9	15 44 55	27°26'37	11♐43	9°26	25°10	10°57	21°16	9°56	23° 8	16° 5	5°32	10°31	12°18	10°24	13° 9	W 9
T 10	15 48 52	28°24'11	24°18	9°31	24°33	11°42	21°20	10° 0	23° 8	16° 7	5°33	10°27	12°15	10°31	13°12	T 10
F 11	15 52 48	29°21'45	7♑ 5	9°41	23°56	12°27	21°24	10° 3	23° 9	16° 8	5°34	10°D26	12°12	10°38	13°14	F 11
S 12	15 56 45	0♊19'17	20° 5	9°55	23°20	13°13	21°28	10° 6	23° 9	16°10	5°35	10°26	12° 9	10°44	13°17	S 12
S 13	16 0 41	1°16'49	3♒19	10°14	22°46	13°58	21°32	10° 9	23° 9	16°12	5°35	10°28	12° 6	10°51	13°20	S 13
M14	16 4 38	2°14'19	16°48	10°37	22°12	14°43	21°35	10°11	23° 9	16°13	5°36	10°29	12° 3	10°58	13°23	M14
T 15	16 8 34	3°11'49	0♓34	11° 4	21°40	15°28	21°39	10°14	23°10	16°15	5°37	10°R30	11°59	11° 4	13°25	T 15
W16	16 12 31	4° 9'18	14°37	11°36	21° 9	16°13	21°42	10°17	23°10	16°17	5°38	10°29	11°56	11°11	13°28	W16
T 17	16 16 28	5° 6'46	28°56	12°11	20°41	16°58	21°45	10°19	23°10	16°19	5°39	10°27	11°53	11°18	13°30	T 17
F 18	16 20 24	6° 4'14	13♈29	12°51	20°14	17°43	21°47	10°22	23°10	16°20	5°40	10°24	11°50	11°25	13°33	F 18
S 19	16 24 21	7° 1'40	28°10	13°35	19°49	18°27	21°50	10°24	23°R10	16°22	5°41	10°20	11°47	11°31	13°36	S 19
S 20	16 28 17	7°59'06	12♉54	14°22	19°27	19°12	21°52	10°27	23°10	16°24	5°41	10°15	11°44	11°38	13°38	S 20
M21	16 32 14	8°56'32	27°34	15°13	19° 7	19°57	21°55	10°29	23°10	16°26	5°42	10°11	11°40	11°45	13°41	M21
T 22	16 36 10	9°53'56	12♊ 2	16° 8	18°49	20°42	21°57	10°31	23°10	16°28	5°43	10° 7	11°37	11°52	13°43	T 22
W23	16 40 7	10°51'20	26°11	17° 6	18°33	21°26	21°58	10°33	23°10	16°30	5°44	10° 5	11°34	11°58	13°45	W23
T 24	16 44 3	11°48'43	9♋59	18° 8	18°20	22°11	22° 0	10°35	23° 9	16°31	5°44	10°D 5	11°31	12° 5	13°48	T 24
F 25	16 48 0	12°46'05	23°23	19°13	18° 9	22°55	22° 1	10°37	23° 9	16°33	5°45	10° 5	11°28	12°12	13°50	F 25
S 26	16 51 57	13°43'26	6♌23	20°21	18° 0	23°40	22° 3	10°38	23° 9	16°35	5°46	10° 6	11°24	12°18	13°52	S 26
S 27	16 55 53	14°40'46	19° 2	21°33	17°54	24°24	22° 4	10°40	23° 8	16°37	5°46	10° 8	11°21	12°25	13°54	S 27
M28	16 59 50	15°38'04	1♍23	22°48	17°51	25° 8	22° 5	10°42	23° 8	16°39	5°47	10° 9	11°18	12°32	13°57	M28
T 29	17 3 46	16°35'22	13°30	24° 6	17°D49	25°53	22° 5	10°43	23° 7	16°41	5°48	10°R10	11°15	12°39	13°59	T 29
W30	17 7 43	17°32'39	25°28	25°27	17°50	26°37	22° 6	10°44	23° 7	16°43	5°48	10°10	11°12	12°45	14° 1	W30
T 31	17 11 39	18♊29'55	7♎22	26♉52	17♉53	27♈21	22♒ 6	10♓46	23♒ 6	16♋45	5♈49	10♑ 9	11♑ 9	12♎52	14♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n43	5n44	4s 8	13n40	1s40	23n56	3n50	0n46	1s17	15s21	0s44	9s36	1s41	14s33	0s43	21n57	0s36	13s 7	16s39	23s 0	22s53	8s30	6n39	1n45
W 2	17 58	0 45	4 40	13 17	1 55	23 38	3 39	1 4	1 17	15 19	0 44	9 35	1 41	14 32	0 43	21 57	0 36	13 7	16 39	23 0	22 53	8 32	6 41	1 45
T 3	18 14	4s14	5 0	12 56	2 10	23 19	3 27	1 22	1 17	15 18	0 44	9 33	1 42	14 32	0 43	21 57	0 36	13 7	16 40	23 1	22 54	8 35	6 42	1 45
F 4	18 28	9 3	5 7	12 37	2 23	23 0	3 15	1 41	1 17	15 16	0 45	9 32	1 42	14 32	0 43	21 57	0 36	13 7	16 40	23 2	22 54	8 38	6 43	1 45
S 5	18 43	13 34	5 0	12 20	2 36	22 39	3 2	1 59	1 17	15 15	0 45	9 31	1 42	14 32	0 43	21 57	0 36	13 6	16 40	23 2	22 54	8 40	6 44	1 45
S 6	18 57	17 35	4 41	12 5	2 47	22 18	2 50	2 17	1 16	15 14	0 45	9 30	1 42	14 32	0 43	21 56	0 36	13 6	16 41	23 3	22 54	8 43	6 45	1 45
M 7	19 11	20 55	4 8	11 52	2 58	21 56	2 36	2 35	1 16	15 12	0 45	9 29	1 42	14 31	0 43	21 56	0 36	13 6	16 41	23 4	22 55	8 46	6 46	1 45
T 8	19 25	23 21	3 24	11 42	3 7	21 34	2 23	2 53	1 16	15 11	0 46	9 28	1 43	14 31	0 43	21 56	0 36	13 6	16 41	23 4	22 55	8 48	6 47	1 45
W 9	19 38	24 42	2 29	11 34	3 16	21 11	2 9	3 11	1 16	15 10	0 46	9 27	1 43	14 31	0 43	21 56	0 36	13 6	16 41	23 5	22 55	8 51	6 49	1 45
T 10	19 51	24 48	1 26	11 29	3 23	20 48	1 55	3 29	1 16	15 9	0 46	9 26	1 43	14 31	0 43	21 56	0 36	13 6	16 42	23 5	22 56	8 54	6 50	1 45
F 11	20 4	23 36	0 18	11 26	3 29	20 26	1 41	3 46	1 16	15 8	0 46	9 25	1 43	14 31	0 43	21 56	0 36	13 6	16 42	23 5	22 56	8 57	6 51	1 45
S 12	20 16	21 8	0n52	11 26	3 34	20 3	1 26	4 4	1 15	15 7	0 47	9 24	1 44	14 31	0 43	21 55	0 36	13 5	16 42	23 5	22 56	8 59	6 52	1 45
S 13	20 28	17 30	2 1	11 28	3 38	19 40	1 12	4 22	1 15	15 6	0 47	9 23	1 44	14 31	0 43	21 55	0 36	13 5	16 43	23 5	22 57	9 2	6 53	1 45
M14	20 39	12 54	3 5	11 32	3 42	19 18	0 58	4 40	1 15	15 5	0 47	9 22	1 44	14 31	0 43	21 55	0 36	13 5	16 43	23 5	22 57	9 5	6 54	1 45
T 15	20 51	7 34	3 59	11 38	3 44	18 56	0 44	4 57	1 15	15 4	0 47	9 21	1 44	14 31	0 43	21 55	0 36	13 5	16 43	23 5	22 57	9 7	6 55	1 45
W16	21 2	1 46	4 40	11 47	3 45	18 34	0 30	5 15	1 15	15 3	0 48	9 20	1 44	14 31	0 43	21 55	0 36	13 5	16 43	23 5	22 57	9 10	6 56	1 45
T 17	21 12	4n14	5 5	11 57	3 45	18 13	0 16	5 32	1 14	15 3	0 48	9 20	1 45	14 31	0 44	21 54	0 36	13 5	16 44	23 5	22 58	9 13	6 57	1 45
F 18	21 22	10 6	5 11	12 10	3 44	17 53	0 2	5 50	1 14	15 2	0 48	9 19	1 45	14 31	0 44	21 54	0 36	13 5	16 44	23 5	22 58	9 15	6 58	1 45
S 19	21 32	15 27	4 56	12 24	3 43	17 34	0s11	6 7	1 14	15 2	0 48	9 18	1 45	14 31	0 44	21 54	0 35	13 5	16 44	23 5	22 58	9 18	6 59	1 45
S 20	21 41	19 55	4 22	12 40	3 40	17 15	0 24	6 24	1 13	15 1	0 49	9 18	1 45	14 31	0 44	21 54	0 35	13 5	16 45	23 6	22 59	9 21	7 0	1 45
M21	21 50	23 5	3 31	12 58	3 37	16 57	0 37	6 41	1 13	15 1	0 49	9 17	1 46	14 31	0 44	21 54	0 35	13 5	16 45	23 6	22 59	9 23	7 1	1 45
T 22	21 59	24 43	2 27	13 18	3 33	16 40	0 49	6 58	1 13	15 0	0 49	9 16	1 46	14 31	0 44	21 53	0 35	13 5	16 45	23 6	22 59	9 26	7 2	1 45
W23	22 7	24 42	1 15	13 38	3 29	16 25	1 1	7 15	1 13	15 0	0 50	9 16	1 46	14 31	0 44	21 53	0 35	13 5	16 46	23 7	22 59	9 28	7 3	1 45
T 24	22 15	23 8	0 1	14 0	3 24	16 10	1 12	7 32	1 12	15 0	0 50	9 15	1 46	14 31	0 44	21 53	0 35	13 5	16 46	23 7	23 0	9 31	7 4	1 45
F 25	22 23	20 17	1s12	14 24	3 18	15 56	1 24	7 49	1 12	14 59	0 50	9 15	1 47	14 31	0 44	21 53	0 35	13 5	16 46	23 7	23 0	9 34	7 5	1 45
S 26	22 30	16 28	2 19	14 48	3 11	15 43	1 34	8 6	1 12	14 59	0 50	9 14	1 47	14 31	0 44	21 53	0 35	13 5	16 47	23 6	23 0	9 36	7 6	1 45
S 27	22 37	12 1	3 18	15 14	3 4	15 32	1 45	8 22	1 11	14 59	0 51	9 14	1 47	14 32	0 44	21 52	0 35	13 5	16 47	23 6	23 0	9 39	7 7	1 45
M28	22 43	7 11	4 5	15 40	2 56	15 21	1 55	8 39	1 11	14 59	0 51	9 14	1 47	14 32	0 44	21 52	0 35	13 5	16 47	23 6	23 1	9 42	7 7	1 45
T 29	22 49	2 10	4 41	16 8	2 48	15 12	2 4	8 55	1 11	14 59	0 51	9 13	1 48	14 32	0 44	21 52	0 35	13 5	16 48	23 6	23 1	9 44	7 8	1 45
W30	22 55	2s51	5 4	16 35	2 39	15 4	2 13	9 12	1 10	14 59	0 51	9 13	1 48	14 32	0 44	21 52	0 35	13 5	16 48	23 6	23 1	9 47	7 9	1 45
T 31	23n 0	7s44	5s14	17n 4	2s30	14n56	2s21	9n28	1s10	14s59	0s52	9s13	1s48	14s32	0s44	21n52	0s35	13s 5	16s48	23s 6	23s 2	9s49	7n10	1n45

Julian Day Number = 2299003.5, Delta T = 115.93 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'42, Lahiri = 18°01'43 Julian Calendar 1 May 1582 == Greg. Calendar 11 May 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

JUNE 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 15 36	19♊27'11	19♎15	28♉19	17♉59	28♈ 5	22°R 6	10♓47	23°R 6	16♋47	5♈49	10°R 7	11♑ 5	12♎59	14♈ 5	F 1
S 2	17 19 32	20°24'25	1♏13	29°50	18° 6	28°49	22♒ 6	10°48	23♒ 5	16°49	5°50	10♑ 4	11° 2	13° 6	14° 7	S 2
S 3	17 23 29	21°21'39	13°17	1♊23	18°16	29°33	22° 6	10°49	23° 4	16°51	5°51	10° 1	10°59	13°12	14° 9	S 3
M 4	17 27 26	22°18'52	25°32	3° 0	18°28	0♉17	22° 5	10°49	23° 4	16°53	5°51	9°58	10°56	13°19	14°10	M 4
T 5	17 31 22	23°16'05	7♐59	4°39	18°42	1° 1	22° 5	10°50	23° 3	16°55	5°52	9°56	10°53	13°26	14°12	T 5
W 6	17 35 19	24°13'17	20°40	6°22	18°58	1°44	22° 4	10°51	23° 2	16°57	5°52	9°55	10°50	13°32	14°14	W 6
T 7	17 39 15	25°10'29	3♑34	8° 7	19°16	2°28	22° 3	10°51	23° 1	16°59	5°52	9°D54	10°46	13°39	14°16	T 7
F 8	17 43 12	26° 7'41	16°43	9°55	19°35	3°12	22° 1	10°52	23° 0	17° 2	5°53	9°54	10°43	13°46	14°17	F 8
S 9	17 47 8	27° 4'52	0♒ 5	11°46	19°57	3°55	22° 0	10°52	22°59	17° 4	5°53	9°54	10°40	13°53	14°19	S 9
S 10	17 51 5	28° 2'03	13°40	13°40	20°20	4°39	21°58	10°52	22°58	17° 6	5°54	9°55	10°37	13°59	14°20	S 10
M11	17 55 2	28°59'14	27°26	15°36	20°45	5°22	21°57	10°53	22°57	17° 8	5°54	9°56	10°34	14° 6	14°22	M11
T 12	17 58 58	29°56'25	11♓24	17°34	21°11	6° 5	21°55	10°R53	22°56	17°10	5°54	9°57	10°30	14°13	14°23	T 12
W13	18 2 55	0♋53'36	25°30	19°35	21°39	6°49	21°52	10°53	22°55	17°12	5°55	9°R57	10°27	14°19	14°25	W13
T 14	18 6 51	1°50'48	9♈43	21°38	22° 9	7°32	21°50	10°52	22°54	17°14	5°55	9°57	10°24	14°26	14°26	T 14
F 15	18 10 48	2°47'59	24° 2	23°43	22°39	8°15	21°47	10°52	22°52	17°17	5°55	9°57	10°21	14°33	14°27	F 15
S 16	18 14 44	3°45'11	8♉22	25°49	23°12	8°58	21°45	10°52	22°51	17°19	5°55	9°56	10°18	14°40	14°29	S 16
S 17	18 18 41	4°42'23	22°39	27°57	23°45	9°41	21°42	10°51	22°50	17°21	5°56	9°56	10°15	14°46	14°30	S 17
M18	18 22 37	5°39'35	6♊51	0♋ 5	24°20	10°24	21°38	10°51	22°48	17°23	5°56	9°55	10°11	14°53	14°31	M18
T 19	18 26 34	6°36'47	20°53	2°15	24°57	11° 7	21°35	10°50	22°47	17°25	5°56	9°55	10° 8	15° 0	14°32	T 19
W20	18 30 31	7°34'00	4♋41	4°25	25°34	11°49	21°32	10°49	22°46	17°27	5°56	9°D55	10° 5	15° 7	14°33	W20
T 21	18 34 27	8°31'12	18°13	6°35	26°12	12°32	21°28	10°49	22°44	17°30	5°56	9°55	10° 2	15°13	14°34	T 21
F 22	18 38 24	9°28'25	1♌27	8°45	26°52	13°15	21°24	10°48	22°43	17°32	5°56	9°R55	9°59	15°20	14°35	F 22
S 23	18 42 20	10°25'37	14°21	10°55	27°33	13°57	21°20	10°47	22°41	17°34	5°56	9°55	9°56	15°27	14°36	S 23
S 24	18 46 17	11°22'50	26°58	13° 4	28°14	14°39	21°16	10°46	22°40	17°36	5°57	9°55	9°52	15°33	14°37	S 24
M25	18 50 13	12°20'02	9♍19	15°12	28°57	15°22	21°12	10°44	22°38	17°39	5°57	9°55	9°49	15°40	14°38	M25
T 26	18 54 10	13°17'14	21°27	17°20	29°40	16° 4	21° 7	10°43	22°36	17°41	5°R57	9°54	9°46	15°47	14°38	T 26
W27	18 58 6	14°14'27	3♎26	19°26	0♊25	16°46	21° 2	10°42	22°35	17°43	5°57	9°54	9°43	15°54	14°39	W27
T 28	19 2 3	15°11'39	15°20	21°31	1°10	17°28	20°58	10°40	22°33	17°45	5°57	9°D54	9°40	16° 0	14°40	T 28
F 29	19 6 0	16° 8'52	27°14	23°34	1°56	18°10	20°53	10°38	22°31	17°47	5°56	9°54	9°36	16° 7	14°40	F 29
S 30	19 9 56	17♋ 6'05	9♏13	25♋36	2♊43	18♉52	20♒47	10♓37	22♒29	17♋50	5♈56	9♑54	9♑33	16♎14	14♈41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 4	12s20	5s10	17n33	2s20	14n50	2s30	9n44	1s10	15s 0	0s52	9s13	1s48	14s33	0s44	21n51	0s35	13s 6	16s49	23s 6	23s 2	9s52	7n11	1n45
S 2	23 9	16 30	4 53	18 2	2 10	14 45	2 37	10 0	1 9	15 0	0 52	9 12	1 49	14 33	0 44	21 51	0 35	13 6	16 49	23 7	23 2	9 55	7 11	1 45
S 3	23 13	20 3	4 23	18 32	2 0	14 40	2 45	10 16	1 9	15 0	0 53	9 12	1 49	14 33	0 44	21 51	0 35	13 6	16 49	23 7	23 2	9 57	7 12	1 45
M 4	23 16	22 46	3 41	19 1	1 49	14 37	2 51	10 32	1 8	15 1	0 53	9 12	1 49	14 33	0 44	21 51	0 35	13 6	16 50	23 7	23 3	10 0	7 13	1 45
T 5	23 19	24 26	2 47	19 31	1 38	14 34	2 58	10 47	1 8	15 1	0 53	9 12	1 49	14 34	0 44	21 50	0 35	13 6	16 50	23 7	23 3	10 3	7 14	1 45
W 6	23 22	24 54	1 44	20 0	1 27	14 33	3 4	11 3	1 7	15 2	0 53	9 12	1 50	14 34	0 44	21 50	0 35	13 6	16 50	23 7	23 3	10 5	7 14	1 45
T 7	23 24	24 2	0 35	20 28	1 15	14 32	3 10	11 18	1 7	15 2	0 54	9 12	1 50	14 34	0 44	21 50	0 35	13 6	16 51	23 7	23 3	10 8	7 15	1 45
F 8	23 26	21 49	0n38	20 56	1 4	14 32	3 15	11 34	1 7	15 3	0 54	9 12	1 50	14 35	0 44	21 50	0 35	13 7	16 51	23 7	23 4	10 10	7 16	1 45
S 9	23 28	18 24	1 49	21 23	0 52	14 33	3 20	11 49	1 6	15 4	0 54	9 12	1 50	14 35	0 44	21 49	0 35	13 7	16 52	23 7	23 4	10 13	7 16	1 45
S 10	23 29	13 57	2 56	21 49	0 40	14 35	3 25	12 4	1 6	15 4	0 54	9 12	1 51	14 35	0 44	21 49	0 35	13 7	16 52	23 7	23 4	10 16	7 17	1 45
M11	23 29	8 44	3 54	22 14	0 29	14 37	3 29	12 19	1 5	15 5	0 55	9 13	1 51	14 36	0 44	21 49	0 35	13 7	16 52	23 7	23 4	10 18	7 17	1 45
T 12	23 30	3 1	4 38	22 38	0 17	14 40	3 33	12 34	1 5	15 6	0 55	9 13	1 51	14 36	0 45	21 49	0 35	13 7	16 53	23 7	23 5	10 21	7 18	1 45
W13	23 29	2n54	5 7	22 59	0 6	14 44	3 36	12 48	1 4	15 7	0 55	9 13	1 51	14 37	0 45	21 48	0 35	13 8	16 53	23 7	23 5	10 23	7 19	1 45
T 14	23 29	8 42	5 16	23 19	0n 5	14 48	3 40	13 3	1 4	15 8	0 55	9 13	1 51	14 37	0 45	21 48	0 35	13 8	16 53	23 7	23 5	10 26	7 19	1 45
F 15	23 28	14 5	5 7	23 37	0 16	14 53	3 43	13 17	1 3	15 9	0 56	9 14	1 52	14 38	0 45	21 48	0 35	13 8	16 54	23 7	23 5	10 28	7 20	1 45
S 16	23 26	18 43	4 39	23 53	0 27	14 58	3 46	13 32	1 3	15 10	0 56	9 14	1 52	14 38	0 45	21 48	0 35	13 8	16 54	23 7	23 6	10 31	7 20	1 45
S 17	23 25	22 14	3 53	24 6	0 37	15 4	3 48	13 46	1 2	15 12	0 56	9 14	1 52	14 38	0 45	21 47	0 35	13 8	16 54	23 7	23 6	10 34	7 21	1 45
M18	23 22	24 21	2 53	24 16	0 47	15 11	3 50	14 0	1 2	15 13	0 57	9 15	1 52	14 39	0 45	21 47	0 35	13 9	16 55	23 7	23 6	10 36	7 21	1 45
T 19	23 20	24 54	1 44	24 24	0 56	15 17	3 52	14 14	1 1	15 14	0 57	9 15	1 53	14 39	0 45	21 47	0 35	13 9	16 55	23 7	23 6	10 39	7 22	1 45
W20	23 17	23 54	0 29	24 29	1 4	15 25	3 54	14 27	1 1	15 16	0 57	9 16	1 53	14 40	0 45	21 46	0 35	13 9	16 56	23 7	23 7	10 41	7 22	1 45
T 21	23 13	21 30	0s46	24 32	1 12	15 32	3 55	14 41	1 0	15 17	0 57	9 16	1 53	14 40	0 45	21 46	0 35	13 10	16 56	23 7	23 7	10 44	7 22	1 45
F 22	23 9	17 59	1 57	24 31	1 19	15 40	3 56	14 54	1 0	15 18	0 58	9 17	1 53	14 41	0 45	21 46	0 35	13 10	16 56	23 7	23 7	10 46	7 23	1 45
S 23	23 5	13 42	2 59	24 28	1 25	15 48	3 57	15 7	0 59	15 20	0 58	9 18	1 54	14 41	0 45	21 46	0 35	13 10	16 57	23 7	23 7	10 49	7 23	1 45
S 24	23 0	8 55	3 52	24 22	1 31	15 57	3 58	15 21	0 58	15 22	0 58	9 18	1 54	14 42	0 45	21 45	0 35	13 10	16 57	23 7	23 8	10 51	7 24	1 45
M25	22 55	3 53	4 33	24 13	1 36	16 5	3 59	15 33	0 58	15 23	0 58	9 19	1 54	14 43	0 45	21 45	0 35	13 11	16 57	23 7	23 8	10 54	7 24	1 45
T 26	22 50	1s12	5 1	24 1	1 40	16 14	3 59	15 46	0 57	15 25	0 59	9 20	1 54	14 43	0 45	21 45	0 35	13 11	16 58	23 7	23 8	10 56	7 24	1 46
W27	22 44	6 11	5 15	23 47	1 44	16 23	3 59	15 59	0 57	15 27	0 59	9 20	1 55	14 44	0 45	21 45	0 35	13 11	16 58	23 7	23 8	10 59	7 24	1 46
T 28	22 38	10 54	5 15	23 31	1 46	16 32	3 59	16 11	0 56	15 28	0 59	9 21	1 55	14 44	0 45	21 44	0 35	13 12	16 59	23 7	23 8	11 1	7 25	1 46
F 29	22 31	15 12	5 2	23 12	1 48	16 42	3 59	16 24	0 55	15 30	0 59	9 22	1 55	14 45	0 45	21 44	0 35	13 12	16 59	23 7	23 9	11 4	7 25	1 46
S 30	22n24	18s57	4s36	22n52	1n49	16n51	3s58	16n36	0s55	15s32	1s 0	9s23	1s55	14s46	0s45	21n44	0s35	13s13	16s59	23s 7	23s 9	11s 7	7n25	1n46

Julian Day Number = 2299034.5, Delta T = 115.78 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'47, Lahiri = 18°01'47 Julian Calendar 1 June 1582 == Greg. Calendar 11 June 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

JULY 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 13 53	18♋ 3'17	21♏19	27♋36	3♊31	19♉34	20°R42	10°R35	22°R28	17♋52	5°R56	9♑55	9♑30	16♎21	14♈41	S 1
M 2	19 17 49	19° 0'31	3♐39	29°35	4°19	20°16	20♒37	10♓33	22♒26	17°54	5♈56	9°56	9°27	16°27	14°42	M 2
T 3	19 21 46	19°57'44	16°14	1♌32	5° 8	20°57	20°31	10°31	22°24	17°56	5°56	9°57	9°24	16°34	14°42	T 3
W 4	19 25 42	20°54'58	29° 7	3°27	5°58	21°39	20°25	10°29	22°22	17°59	5°56	9°57	9°21	16°41	14°42	W 4
T 5	19 29 39	21°52'12	12♑19	5°20	6°49	22°20	20°19	10°27	22°20	18° 1	5°56	9°R58	9°17	16°47	14°42	T 5
F 6	19 33 35	22°49'26	25°50	7°12	7°40	23° 2	20°13	10°25	22°18	18° 3	5°56	9°57	9°14	16°54	14°43	F 6
S 7	19 37 32	23°46'42	9♒38	9° 1	8°32	23°43	20° 7	10°22	22°16	18° 5	5°55	9°56	9°11	17° 1	14°43	S 7
S 8	19 41 29	24°43'57	23°40	10°49	9°24	24°24	20° 1	10°20	22°14	18° 7	5°55	9°55	9° 8	17° 8	14°43	S 8
M 9	19 45 25	25°41'14	7♓52	12°36	10°17	25° 5	19°55	10°17	22°12	18°10	5°55	9°53	9° 5	17°14	14°R43	M 9
T 10	19 49 22	26°38'31	22°10	14°20	11°11	25°46	19°48	10°15	22°10	18°12	5°55	9°51	9° 2	17°21	14°43	T 10
W11	19 53 18	27°35'50	6♈30	16° 3	12° 5	26°27	19°41	10°12	22° 8	18°14	5°54	9°49	8°58	17°28	14°43	W11
T 12	19 57 15	28°33'09	20°49	17°44	13° 0	27° 8	19°35	10° 9	22° 6	18°16	5°54	9°48	8°55	17°34	14°43	T 12
F 13	20 1 11	29°30'30	5♉ 2	19°23	13°55	27°49	19°28	10° 7	22° 4	18°19	5°54	9°D48	8°52	17°41	14°42	F 13
S 14	20 5 8	0♌27'51	19° 7	21° 1	14°51	28°29	19°21	10° 4	22° 1	18°21	5°53	9°49	8°49	17°48	14°42	S 14
S 15	20 9 4	1°25'14	3♊ 4	22°37	15°47	29°10	19°14	10° 1	21°59	18°23	5°53	9°50	8°46	17°55	14°42	S 15
M16	20 13 1	2°22'38	16°50	24°11	16°44	29°50	19° 7	9°58	21°57	18°25	5°52	9°52	8°42	18° 1	14°41	M16
T 17	20 16 58	3°20'04	0♋25	25°43	17°41	0♊31	18°59	9°54	21°55	18°27	5°52	9°53	8°39	18° 8	14°41	T 17
W18	20 20 54	4°17'30	13°48	27°14	18°38	1°11	18°52	9°51	21°53	18°29	5°52	9°R53	8°36	18°15	14°41	W18
T 19	20 24 51	5°14'57	26°58	28°43	19°36	1°51	18°45	9°48	21°50	18°32	5°51	9°52	8°33	18°22	14°40	T 19
F 20	20 28 47	6°12'25	9♌54	0♍10	20°35	2°31	18°37	9°45	21°48	18°34	5°51	9°50	8°30	18°28	14°40	F 20
S 21	20 32 44	7° 9'54	22°37	1°35	21°34	3°11	18°30	9°41	21°46	18°36	5°50	9°46	8°27	18°35	14°39	S 21
S 22	20 36 40	8° 7'24	5♍ 6	2°59	22°33	3°51	18°22	9°38	21°44	18°38	5°50	9°42	8°23	18°42	14°38	S 22
M23	20 40 37	9° 4'55	17°22	4°20	23°32	4°30	18°15	9°34	21°41	18°40	5°49	9°37	8°20	18°48	14°37	M23
T 24	20 44 33	10° 2'27	29°28	5°40	24°32	5°10	18° 7	9°31	21°39	18°42	5°49	9°32	8°17	18°55	14°37	T 24
W25	20 48 30	11° 0'00	11♎25	6°58	25°32	5°49	17°59	9°27	21°37	18°44	5°48	9°28	8°14	19° 2	14°36	W25
T 26	20 52 27	11°57'33	23°18	8°14	26°33	6°29	17°51	9°23	21°34	18°46	5°47	9°25	8°11	19° 9	14°35	T 26
F 27	20 56 23	12°55'08	5♏11	9°27	27°34	7° 8	17°44	9°19	21°32	18°49	5°47	9°23	8° 8	19°15	14°34	F 27
S 28	21 0 20	13°52'44	17° 8	10°39	28°35	7°47	17°36	9°15	21°30	18°51	5°46	9°D23	8° 4	19°22	14°33	S 28
S 29	21 4 16	14°50'20	29°13	11°49	29°37	8°26	17°28	9°12	21°27	18°53	5°45	9°24	8° 1	19°29	14°32	S 29
M30	21 8 13	15°47'58	11♐32	12°56	0♋38	9° 5	17°20	9° 8	21°25	18°55	5°45	9°25	7°58	19°35	14°31	M30
T 31	21 12 9	16♌45'37	24♐ 9	14♍ 1	1♋40	9♊44	17♒12	9♓ 4	21♒22	18♋57	5♈44	9♑27	7♑55	19♎42	14♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n16	21s57	3s58	22n29	1n50	17n 1	3s58	16n48	0s54	15s34	1s 0	9s24	1s56	14s46	0s45	21n43	0s35	13s13	17s 0	23s 7	23s 9	11s 9	7n25	1n46
M 2	22 9	24 0	3 8	22 4	1 50	17 11	3 57	17 0	0 53	15 36	1 0	9 25	1 56	14 47	0 45	21 43	0 35	13 13	17 0	23 7	23 9	11 12	7 26	1 46
T 3	22 0	24 54	2 8	21 38	1 49	17 20	3 56	17 11	0 53	15 38	1 0	9 26	1 56	14 47	0 45	21 43	0 35	13 14	17 0	23 7	23 10	11 14	7 26	1 46
W 4	21 52	24 29	1 0	21 10	1 47	17 30	3 55	17 23	0 52	15 40	1 0	9 27	1 56	14 48	0 45	21 43	0 35	13 14	17 1	23 7	23 10	11 17	7 26	1 46
T 5	21 43	22 42	0n13	20 41	1 45	17 40	3 53	17 34	0 51	15 42	1 1	9 28	1 56	14 49	0 45	21 42	0 35	13 14	17 1	23 7	23 10	11 19	7 26	1 46
F 6	21 33	19 37	1 27	20 10	1 43	17 49	3 52	17 45	0 51	15 44	1 1	9 29	1 57	14 49	0 45	21 42	0 35	13 15	17 1	23 7	23 10	11 22	7 26	1 46
S 7	21 24	15 22	2 37	19 39	1 40	17 59	3 50	17 56	0 50	15 47	1 1	9 30	1 57	14 50	0 45	21 42	0 35	13 15	17 2	23 7	23 10	11 24	7 26	1 46
S 8	21 14	10 14	3 38	19 6	1 36	18 9	3 49	18 7	0 49	15 49	1 1	9 31	1 57	14 51	0 45	21 41	0 35	13 16	17 2	23 7	23 11	11 27	7 26	1 46
M 9	21 3	4 30	4 28	18 32	1 32	18 18	3 47	18 18	0 49	15 51	1 2	9 32	1 57	14 51	0 45	21 41	0 35	13 16	17 3	23 8	23 11	11 29	7 26	1 46
T 10	20 52	1n29	5 0	17 57	1 27	18 27	3 45	18 28	0 48	15 53	1 2	9 33	1 58	14 52	0 45	21 41	0 35	13 17	17 3	23 8	23 11	11 32	7 26	1 46
W11	20 41	7 24	5 15	17 22	1 22	18 37	3 43	18 38	0 47	15 56	1 2	9 35	1 58	14 53	0 45	21 41	0 35	13 17	17 3	23 8	23 11	11 34	7 26	1 46
T 12	20 30	12 55	5 9	16 46	1 16	18 46	3 40	18 49	0 46	15 58	1 2	9 36	1 58	14 53	0 45	21 40	0 35	13 17	17 4	23 8	23 12	11 36	7 26	1 46
F 13	20 18	17 42	4 45	16 9	1 10	18 55	3 38	18 59	0 46	16 0	1 2	9 37	1 58	14 54	0 45	21 40	0 35	13 18	17 4	23 8	23 12	11 39	7 26	1 46
S 14	20 6	21 27	4 4	15 32	1 4	19 4	3 36	19 8	0 45	16 3	1 3	9 38	1 58	14 55	0 45	21 40	0 35	13 18	17 4	23 8	23 12	11 41	7 26	1 46
S 15	19 53	23 54	3 9	14 54	0 57	19 12	3 33	19 18	0 44	16 5	1 3	9 40	1 59	14 56	0 45	21 39	0 35	13 19	17 5	23 8	23 12	11 44	7 26	1 46
M16	19 40	24 53	2 3	14 17	0 50	19 20	3 30	19 27	0 43	16 7	1 3	9 41	1 59	14 56	0 45	21 39	0 35	13 19	17 5	23 8	23 12	11 46	7 26	1 46
T 17	19 27	24 21	0 52	13 38	0 42	19 28	3 28	19 37	0 43	16 10	1 3	9 42	1 59	14 57	0 45	21 39	0 35	13 20	17 5	23 8	23 13	11 49	7 26	1 46
W18	19 14	22 25	0s22	13 0	0 35	19 36	3 25	19 46	0 42	16 12	1 3	9 44	1 59	14 58	0 45	21 39	0 35	13 20	17 6	23 8	23 13	11 51	7 26	1 46
T 19	19 0	19 18	1 32	12 22	0 27	19 44	3 22	19 54	0 41	16 15	1 3	9 45	1 59	14 59	0 45	21 38	0 35	13 21	17 6	23 8	23 13	11 54	7 25	1 46
F 20	18 46	15 17	2 37	11 43	0 18	19 51	3 19	20 3	0 40	16 17	1 4	9 47	2 0	14 59	0 45	21 38	0 35	13 21	17 6	23 8	23 13	11 56	7 25	1 46
S 21	18 31	10 39	3 33	11 5	0 10	19 58	3 16	20 12	0 39	16 20	1 4	9 48	2 0	15 0	0 45	21 38	0 35	13 22	17 7	23 8	23 13	11 59	7 25	1 46
S 22	18 17	5 40	4 17	10 27	0 1	20 5	3 13	20 20	0 39	16 22	1 4	9 50	2 0	15 1	0 45	21 37	0 35	13 22	17 7	23 8	23 14	12 1	7 25	1 46
M23	18 2	0 34	4 49	9 49	0s 8	20 11	3 9	20 28	0 38	16 25	1 4	9 51	2 0	15 2	0 45	21 37	0 35	13 23	17 7	23 9	23 14	12 4	7 24	1 46
T 24	17 46	4s29	5 7	9 11	0 18	20 17	3 6	20 36	0 37	16 27	1 4	9 53	2 0	15 2	0 46	21 37	0 35	13 23	17 8	23 9	23 14	12 6	7 24	1 46
W25	17 31	9 18	5 12	8 33	0 27	20 23	3 3	20 44	0 36	16 30	1 4	9 54	2 0	15 3	0 46	21 37	0 35	13 24	17 8	23 9	23 14	12 8	7 24	1 46
T 26	17 15	13 45	5 3	7 56	0 37	20 28	2 59	20 52	0 35	16 32	1 5	9 56	2 1	15 4	0 46	21 36	0 35	13 24	17 8	23 10	23 14	12 11	7 23	1 46
F 27	16 58	17 41	4 41	7 19	0 47	20 33	2 55	20 59	0 34	16 35	1 5	9 57	2 1	15 5	0 46	21 36	0 35	13 25	17 8	23 10	23 15	12 13	7 23	1 46
S 28	16 42	20 56	4 7	6 43	0 57	20 37	2 52	21 6	0 34	16 37	1 5	9 59	2 1	15 5	0 46	21 36	0 35	13 25	17 9	23 10	23 15	12 16	7 23	1 46
S 29	16 25	23 18	3 22	6 7	1 7	20 41	2 48	21 13	0 33	16 40	1 5	10 1	2 1	15 6	0 46	21 35	0 35	13 26	17 9	23 10	23 15	12 18	7 22	1 46
M30	16 8	24 38	2 26	5 32	1 17	20 45	2 44	21 20	0 32	16 42	1 5	10 2	2 1	15 7	0 46	21 35	0 35	13 26	17 9	23 10	23 15	12 20	7 22	1 46
T 31	15n51	24s44	1s22	4n57	1s28	20n48	2s41	21n27	0s31	16s45	1s 5	10s 4	2s 1	15s 8	0s46	21n35	0s35	13s27	17s10	23s 9	23s15	12s23	7n21	1n46

Julian Day Number = 2299064.5, Delta T = 115.64 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'51, Lahiri = 18°01'51 Julian Calendar 1 July 1582 == Greg. Calendar 11 July 1582

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AUGUST 1582 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 16 6	17♌43'17	7♉ 8	15♍ 3	2♋43	10♊22	17°R 4	8°R59	21°R20	18♋59	5°R43	9°R28	7♉52	19♎49	14°R28	W 1
T 2	21 20 2	18°40'57	20°31	16° 3	3°46	11° 1	16♒56	8♓55	21♒18	19° 1	5♈43	9♉27	7°48	19°56	14♈27	T 2
F 3	21 23 59	19°38'40	4♒19	17° 0	4°49	11°39	16°49	8°51	21°15	19° 3	5°42	9°25	7°45	20° 2	14°26	F 3
S 4	21 27 56	20°36'23	18°29	17°54	5°52	12°17	16°41	8°47	21°13	19° 5	5°41	9°21	7°42	20° 9	14°25	S 4
S 5	21 31 52	21°34'08	2♓57	18°45	6°55	12°56	16°33	8°43	21°10	19° 7	5°40	9°15	7°39	20°16	14°23	S 5
M 6	21 35 49	22°31'54	17°38	19°33	7°59	13°34	16°25	8°39	21° 8	19° 9	5°40	9° 9	7°36	20°23	14°22	M 6
T 7	21 39 45	23°29'41	2♈22	20°18	9° 3	14°11	16°17	8°34	21° 6	19°10	5°39	9° 2	7°33	20°29	14°20	T 7
W 8	21 43 42	24°27'31	17° 4	20°59	10° 8	14°49	16°10	8°30	21° 3	19°12	5°38	8°57	7°29	20°36	14°19	W 8
T 9	21 47 38	25°25'22	1♉37	21°36	11°12	15°27	16° 2	8°25	21° 1	19°14	5°37	8°53	7°26	20°43	14°17	T 9
F 10	21 51 35	26°23'15	15°55	22° 9	12°17	16° 4	15°54	8°21	20°59	19°16	5°36	8°50	7°23	20°49	14°15	F 10
S 11	21 55 31	27°21'10	29°57	22°38	13°22	16°42	15°47	8°17	20°56	19°18	5°35	8°D50	7°20	20°56	14°14	S 11
S 12	21 59 28	28°19'07	13♊43	23° 3	14°27	17°19	15°39	8°12	20°54	19°20	5°34	8°51	7°17	21° 3	14°12	S 12
M13	22 3 25	29°17'05	27°12	23°23	15°33	17°56	15°32	8° 8	20°51	19°22	5°34	8°52	7°14	21°10	14°10	M13
T 14	22 7 21	0♍15'06	10♋26	23°37	16°38	18°33	15°25	8° 3	20°49	19°23	5°33	8°R52	7°10	21°16	14° 8	T 14
W15	22 11 18	1°13'08	23°27	23°47	17°44	19°10	15°17	7°59	20°47	19°25	5°32	8°51	7° 7	21°23	14° 7	W15
T 16	22 15 14	2°11'13	6♌15	23°R50	18°50	19°46	15°10	7°54	20°44	19°27	5°31	8°48	7° 4	21°30	14° 5	T 16
F 17	22 19 11	3° 9'19	18°53	23°48	19°57	20°23	15° 3	7°50	20°42	19°29	5°30	8°42	7° 1	21°36	14° 3	F 17
S 18	22 23 7	4° 7'26	1♍20	23°40	21° 3	20°59	14°56	7°45	20°40	19°30	5°29	8°34	6°58	21°43	14° 1	S 18
S 19	22 27 4	5° 5'36	13°37	23°26	22°10	21°35	14°49	7°40	20°37	19°32	5°28	8°24	6°54	21°50	13°59	S 19
M20	22 31 0	6° 3'47	25°46	23° 5	23°17	22°12	14°42	7°36	20°35	19°34	5°27	8°13	6°51	21°57	13°57	M20
T 21	22 34 57	7° 1'59	7♎46	22°38	24°24	22°47	14°35	7°31	20°33	19°35	5°26	8° 2	6°48	22° 3	13°55	T 21
W22	22 38 54	8° 0'14	19°41	22° 4	25°31	23°23	14°29	7°27	20°31	19°37	5°25	7°53	6°45	22°10	13°52	W22
T 23	22 42 50	8°58'30	1♏32	21°25	26°38	23°59	14°22	7°22	20°28	19°39	5°24	7°44	6°42	22°17	13°50	T 23
F 24	22 46 47	9°56'47	13°22	20°40	27°46	24°34	14°16	7°18	20°26	19°40	5°23	7°39	6°39	22°23	13°48	F 24
S 25	22 50 43	10°55'06	25°17	19°49	28°54	25° 9	14°10	7°13	20°24	19°42	5°22	7°35	6°35	22°30	13°46	S 25
S 26	22 54 40	11°53'27	7♐19	18°55	0♌ 2	25°44	14° 3	7° 8	20°22	19°43	5°21	7°D34	6°32	22°37	13°43	S 26
M27	22 58 36	12°51'50	19°35	17°56	1°10	26°19	13°57	7° 4	20°20	19°45	5°20	7°34	6°29	22°44	13°41	M27
T 28	23 2 33	13°50'14	2♑ 9	16°56	2°18	26°54	13°52	6°59	20°18	19°46	5°19	7°R34	6°26	22°50	13°39	T 28
W29	23 6 29	14°48'39	15° 6	15°54	3°26	27°28	13°46	6°55	20°15	19°48	5°18	7°34	6°23	22°57	13°36	W29
T 30	23 10 26	15°47'07	28°30	14°52	4°35	28° 3	13°40	6°50	20°13	19°49	5°16	7°32	6°19	23° 4	13°34	T 30
F 31	23 14 23	16♍45'35	12♒23	13♍52	5♌44	28♊37	13♒35	6♓46	20♒11	19♋50	5♈15	7♉28	6♉16	23♎10	13♈32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n33	23s31	0s13	4n24	1s38	20n51	2s37	21n34	0s30	16s48	1s 5	10s 6	2s 2	15s 9	0s46	21n35	0s35	13s27	17s10	23s 9	23s16	12s25	7n21	1n46
T 2	15 16	20 56	1n 0	3 51	1 49	20 54	2 33	21 40	0 29	16 50	1 5	10 7	2 2	15 9	0 46	21 34	0 35	13 28	17 10	23 9	23 16	12 28	7 21	1 46
F 3	14 58	17 6	2 11	3 19	1 59	20 56	2 29	21 46	0 28	16 52	1 6	10 9	2 2	15 10	0 46	21 34	0 35	13 28	17 11	23 10	23 16	12 30	7 20	1 46
S 4	14 39	12 13	3 15	2 48	2 9	20 57	2 25	21 52	0 27	16 55	1 6	10 11	2 2	15 11	0 46	21 34	0 35	13 29	17 11	23 10	23 16	12 32	7 20	1 46
S 5	14 21	6 34	4 9	2 19	2 20	20 58	2 21	21 58	0 26	16 57	1 6	10 12	2 2	15 12	0 46	21 33	0 35	13 30	17 11	23 10	23 16	12 35	7 19	1 46
M 6	14 2	0 30	4 47	1 50	2 30	20 58	2 17	22 4	0 25	17 0	1 6	10 14	2 2	15 12	0 46	21 33	0 35	13 30	17 11	23 11	23 17	12 37	7 18	1 46
T 7	13 43	5n37	5 6	1 23	2 41	20 58	2 13	22 9	0 24	17 2	1 6	10 16	2 2	15 13	0 46	21 33	0 35	13 31	17 12	23 11	23 17	12 40	7 18	1 46
W 8	13 24	11 25	5 5	0 58	2 51	20 58	2 9	22 14	0 23	17 5	1 6	10 18	2 2	15 14	0 46	21 33	0 35	13 31	17 12	23 11	23 17	12 42	7 17	1 46
T 9	13 5	16 30	4 44	0 34	3 1	20 57	2 5	22 20	0 22	17 7	1 6	10 19	2 3	15 15	0 46	21 32	0 35	13 32	17 12	23 12	23 17	12 44	7 17	1 46
F 10	12 45	20 34	4 6	0 12	3 10	20 56	2 0	22 24	0 21	17 9	1 6	10 21	2 3	15 15	0 46	21 32	0 35	13 32	17 12	23 12	23 17	12 47	7 16	1 46
S 11	12 25	23 21	3 14	0s 8	3 20	20 54	1 56	22 29	0 20	17 12	1 6	10 23	2 3	15 16	0 46	21 32	0 35	13 33	17 13	23 12	23 17	12 49	7 15	1 46
S 12	12 5	24 40	2 11	0 26	3 29	20 51	1 52	22 34	0 19	17 14	1 6	10 25	2 3	15 17	0 46	21 32	0 35	13 33	17 13	23 12	23 18	12 51	7 15	1 46
M13	11 45	24 30	1 2	0 42	3 38	20 48	1 48	22 38	0 18	17 16	1 6	10 26	2 3	15 18	0 46	21 31	0 35	13 34	17 13	23 12	23 18	12 54	7 14	1 46
T 14	11 25	22 57	0s 8	0 55	3 46	20 44	1 44	22 43	0 17	17 19	1 6	10 28	2 3	15 18	0 46	21 31	0 35	13 35	17 13	23 12	23 18	12 56	7 13	1 46
W15	11 4	20 11	1 17	1 6	3 53	20 40	1 39	22 47	0 16	17 21	1 6	10 30	2 3	15 19	0 46	21 31	0 35	13 35	17 13	23 12	23 18	12 59	7 13	1 46
T 16	10 43	16 28	2 21	1 13	4 0	20 36	1 35	22 51	0 15	17 23	1 6	10 32	2 3	15 20	0 46	21 31	0 35	13 36	17 14	23 12	23 18	13 1	7 12	1 46
F 17	10 22	12 4	3 17	1 18	4 6	20 30	1 31	22 54	0 14	17 25	1 6	10 34	2 3	15 21	0 46	21 30	0 35	13 36	17 14	23 12	23 18	13 3	7 11	1 46
S 18	10 1	7 15	4 3	1 20	4 11	20 25	1 27	22 58	0 13	17 27	1 7	10 35	2 3	15 21	0 46	21 30	0 35	13 37	17 14	23 13	23 19	13 6	7 10	1 46
S 19	9 40	2 12	4 36	1 18	4 16	20 19	1 23	23 1	0 12	17 29	1 7	10 37	2 3	15 22	0 46	21 30	0 35	13 37	17 14	23 14	23 19	13 8	7 9	1 46
M20	9 18	2s51	4 57	1 12	4 18	20 12	1 18	23 5	0 11	17 31	1 7	10 39	2 4	15 23	0 46	21 30	0 35	13 38	17 14	23 14	23 19	13 10	7 9	1 46
T 21	8 57	7 44	5 4	1 3	4 20	20 4	1 14	23 8	0 10	17 33	1 7	10 41	2 4	15 24	0 46	21 29	0 35	13 38	17 15	23 15	23 19	13 13	7 8	1 46
W22	8 35	12 18	4 57	0 50	4 20	19 57	1 10	23 11	0 9	17 35	1 7	10 42	2 4	15 24	0 46	21 29	0 35	13 39	17 15	23 16	23 19	13 15	7 7	1 46
T 23	8 13	16 23	4 38	0 33	4 18	19 48	1 6	23 14	0 8	17 37	1 7	10 44	2 4	15 25	0 46	21 29	0 35	13 40	17 15	23 16	23 19	13 17	7 6	1 46
F 24	7 51	19 49	4 7	0 12	4 15	19 39	1 1	23 16	0 7	17 39	1 7	10 46	2 4	15 26	0 46	21 29	0 35	13 40	17 15	23 16	23 20	13 20	7 5	1 46
S 25	7 29	22 27	3 25	0n12	4 10	19 30	0 57	23 19	0 5	17 41	1 7	10 48	2 4	15 26	0 46	21 28	0 35	13 41	17 15	23 17	23 20	13 22	7 4	1 46
S 26	7 7	24 7	2 34	0 40	4 3	19 20	0 53	23 21	0 4	17 43	1 7	10 49	2 4	15 27	0 45	21 28	0 35	13 41	17 16	23 17	23 20	13 24	7 3	1 46
M27	6 45	24 39	1 34	1 11	3 54	19 9	0 49	23 23	0 3	17 44	1 7	10 51	2 4	15 28	0 45	21 28	0 35	13 42	17 16	23 17	23 20	13 26	7 2	1 46
T 28	6 22	23 57	0 29	1 45	3 43	18 58	0 45	23 25	0 2	17 46	1 7	10 53	2 4	15 28	0 45	21 28	0 35	13 42	17 16	23 17	23 20	13 29	7 2	1 46
W29	6 0	21 59	0n40	2 21	3 30	18 46	0 41	23 27	0 1	17 48	1 7	10 55	2 4	15 29	0 45	21 28	0 35	13 43	17 16	23 17	23 20	13 31	7 1	1 46
T 30	5 37	18 44	1 49	2 58	3 15	18 34	0 37	23 29	0n 0	17 49	1 6	10 56	2 4	15 30	0 45	21 27	0 35	13 43	17 16	23 17	23 21	13 33	7 0	1 46
F 31	5n14	14s21	2n54	3n36	2s59	18n21	0s32	23n31	0n 2	17s51	1s 6	10s58	2s 4	15s30	0s45	21n27	0s35	13s44	17s16	23s17	23s21	13s36	6n59	1n46

Julian Day Number = 2299095.5, Delta T = 115.49 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'55, Lahiri = 18°01'55 Julian Calendar 1 Aug. 1582 == Greg. Calendar 11 Aug. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

SEPTEMBER 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 18 19	17♍44'06	26♒44	12°R56	6♌52	29♊11	13°R30	6°R41	20°R 9	19♋52	5°R14	7°R22	6♑13	23♎17	13°R29	S 1
S 2	23 22 16	18°42'38	11♓29	12♍ 4	8° 1	29°45	13♒25	6♓37	20♒ 7	19°53	5♈13	7♑13	6°10	23°24	13♈27	S 2
M 3	23 26 12	19°41'13	26°31	11°17	9°11	0♋18	13°20	6°33	20° 5	19°55	5°12	7° 3	6° 7	23°31	13°24	M 3
T 4	23 30 9	20°39'49	11♈39	10°38	10°20	0°52	13°15	6°28	20° 3	19°56	5°11	6°52	6° 4	23°37	13°22	T 4
W 5	23 34 5	21°38'27	26°44	10° 7	11°29	1°25	13°10	6°24	20° 1	19°57	5°10	6°43	6° 0	23°44	13°19	W 5
T 6	23 38 2	22°37'07	11♉36	9°45	12°39	1°58	13° 6	6°19	19°59	19°58	5° 9	6°35	5°57	23°51	13°16	T 6
F 7	23 41 58	23°35'50	26° 9	9°33	13°49	2°31	13° 2	6°15	19°58	20° 0	5° 7	6°30	5°54	23°58	13°14	F 7
S 8	23 45 55	24°34'35	10♊18	9°D30	14°59	3° 4	12°57	6°11	19°56	20° 1	5° 6	6°28	5°51	24° 4	13°11	S 8
S 9	23 49 52	25°33'23	24° 4	9°38	16° 9	3°36	12°54	6° 7	19°54	20° 2	5° 5	6°D27	5°48	24°11	13° 8	S 9
M10	23 53 48	26°32'13	7♋27	9°55	17°19	4° 8	12°50	6° 3	19°52	20° 3	5° 4	6°R28	5°45	24°18	13° 6	M10
T 11	23 57 45	27°31'05	20°30	10°22	18°29	4°40	12°46	5°59	19°50	20° 4	5° 3	6°27	5°41	24°24	13° 3	T 11
W12	0 1 41	28°29'59	3♌17	10°58	19°39	5°12	12°43	5°54	19°49	20° 5	5° 2	6°25	5°38	24°31	13° 0	W12
T 13	0 5 38	29°28'55	15°50	11°43	20°50	5°44	12°40	5°50	19°47	20° 6	5° 1	6°20	5°35	24°38	12°58	T 13
F 14	0 9 34	0♎27'54	28°12	12°37	22° 1	6°15	12°37	5°47	19°45	20° 7	4°59	6°12	5°32	24°45	12°55	F 14
S 15	0 13 31	1°26'55	10♍25	13°38	23°11	6°46	12°34	5°43	19°44	20° 8	4°58	6° 1	5°29	24°51	12°52	S 15
S 16	0 17 27	2°25'58	22°31	14°46	24°22	7°17	12°31	5°39	19°42	20° 9	4°57	5°48	5°25	24°58	12°49	S 16
M17	0 21 24	3°25'03	4♎32	15°59	25°33	7°48	12°29	5°35	19°41	20°10	4°56	5°34	5°22	25° 5	12°46	M17
T 18	0 25 20	4°24'10	16°27	17°19	26°44	8°18	12°27	5°31	19°39	20°11	4°55	5°19	5°19	25°11	12°44	T 18
W19	0 29 17	5°23'19	28°19	18°43	27°55	8°48	12°24	5°28	19°38	20°12	4°54	5° 6	5°16	25°18	12°41	W19
T 20	0 33 14	6°22'30	10♏ 9	20°11	29° 7	9°18	12°23	5°24	19°36	20°13	4°52	4°54	5°13	25°25	12°38	T 20
F 21	0 37 10	7°21'43	21°59	21°43	0♍18	9°48	12°21	5°20	19°35	20°13	4°51	4°46	5°10	25°32	12°35	F 21
S 22	0 41 7	8°20'58	3♐53	23°18	1°30	10°17	12°20	5°17	19°34	20°14	4°50	4°40	5° 6	25°38	12°32	S 22
S 23	0 45 3	9°20'15	15°54	24°55	2°41	10°46	12°18	5°14	19°32	20°15	4°49	4°37	5° 3	25°45	12°29	S 23
M24	0 49 0	10°19'34	28° 7	26°34	3°53	11°15	12°17	5°10	19°31	20°16	4°48	4°36	5° 0	25°52	12°27	M24
T 25	0 52 56	11°18'54	10♑37	28°15	5° 5	11°43	12°16	5° 7	19°30	20°16	4°47	4°36	4°57	25°58	12°24	T 25
W26	0 56 53	12°18'17	23°28	29°57	6°17	12°11	12°16	5° 4	19°29	20°17	4°45	4°36	4°54	26° 5	12°21	W26
T 27	1 0 49	13°17'41	6♒46	1♎39	7°29	12°39	12°15	5° 1	19°28	20°17	4°44	4°34	4°51	26°12	12°18	T 27
F 28	1 4 46	14°17'06	20°34	3°22	8°41	13° 7	12°15	4°58	19°27	20°18	4°43	4°30	4°47	26°19	12°15	F 28
S 29	1 8 43	15°16'34	4♓51	5° 6	9°53	13°34	12°D15	4°55	19°25	20°18	4°42	4°23	4°44	26°25	12°12	S 29
S 30	1 12 39	16♎16'03	19♓37	6♎50	11♍ 5	14♋ 1	12♒15	4♓52	19♒25	20♋19	4♈41	4♑14	4♑41	26♎32	12♈10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n51	9s 2	3n50	4n14	2s42	18n 8	0s28	23n32	0n 3	17s52	1s 6	11s 0	2s 4	15s31	0s45	21n27	0s35	13s45	17s16	23s17	23s21	13s38	6n58	1n46
S 2	4 29	3 5	4 32	4 51	2 23	17 55	0 24	23 34	0 4	17 54	1 6	11 1	2 4	15 32	0 45	21 27	0 35	13 45	17 16	23 18	23 21	13 40	6 57	1 46
M 3	4 6	3n 8	4 56	5 26	2 4	17 40	0 20	23 35	0 5	17 55	1 6	11 3	2 4	15 32	0 45	21 27	0 35	13 46	17 17	23 18	23 21	13 42	6 56	1 46
T 4	3 42	9 13	5 0	5 59	1 44	17 26	0 17	23 36	0 7	17 56	1 6	11 5	2 4	15 33	0 45	21 26	0 35	13 46	17 17	23 19	23 21	13 45	6 55	1 46
W 5	3 19	14 44	4 43	6 30	1 24	17 10	0 13	23 37	0 8	17 58	1 6	11 6	2 4	15 33	0 45	21 26	0 35	13 47	17 17	23 19	23 21	13 47	6 54	1 46
T 6	2 56	19 16	4 7	6 56	1 4	16 55	0 9	23 38	0 9	17 59	1 6	11 8	2 4	15 34	0 45	21 26	0 35	13 47	17 17	23 20	23 22	13 49	6 52	1 46
F 7	2 33	22 30	3 16	7 19	0 45	16 38	0 5	23 39	0 10	18 0	1 6	11 9	2 4	15 35	0 45	21 26	0 35	13 48	17 17	23 20	23 22	13 51	6 51	1 46
S 8	2 10	24 15	2 14	7 37	0 26	16 22	0 1	23 39	0 12	18 1	1 6	11 11	2 4	15 35	0 45	21 26	0 35	13 48	17 17	23 20	23 22	13 54	6 50	1 46
S 9	1 46	24 27	1 5	7 51	0 8	16 4	0n 2	23 40	0 13	18 2	1 6	11 13	2 4	15 36	0 45	21 25	0 35	13 49	17 17	23 20	23 22	13 56	6 49	1 46
M10	1 23	23 12	0s 5	8 0	0n 9	15 47	0 6	23 40	0 14	18 3	1 6	11 14	2 4	15 36	0 45	21 25	0 35	13 49	17 17	23 20	23 22	13 58	6 48	1 46
T 11	0 59	20 43	1 14	8 5	0 25	15 29	0 10	23 40	0 16	18 4	1 6	11 16	2 4	15 37	0 45	21 25	0 35	13 50	17 17	23 20	23 22	14 0	6 47	1 46
W12	0 36	17 15	2 17	8 4	0 39	15 10	0 13	23 41	0 17	18 5	1 6	11 17	2 4	15 37	0 45	21 25	0 35	13 50	17 17	23 20	23 22	14 3	6 46	1 45
T 13	0 12	13 5	3 12	7 59	0 53	14 51	0 17	23 41	0 18	18 6	1 6	11 19	2 4	15 38	0 45	21 25	0 35	13 51	17 17	23 21	23 23	14 5	6 45	1 45
F 14	0s11	8 25	3 57	7 50	1 5	14 32	0 20	23 41	0 20	18 7	1 6	11 20	2 4	15 38	0 45	21 25	0 35	13 51	17 17	23 21	23 23	14 7	6 44	1 45
S 15	0 35	3 30	4 31	7 36	1 15	14 12	0 24	23 40	0 21	18 7	1 6	11 21	2 4	15 39	0 45	21 24	0 35	13 52	17 17	23 21	23 23	14 9	6 43	1 45
S 16	0 58	1s29	4 51	7 19	1 25	13 51	0 27	23 40	0 23	18 8	1 6	11 23	2 4	15 39	0 45	21 24	0 35	13 52	17 17	23 22	23 23	14 12	6 41	1 45
M17	1 22	6 23	4 59	6 58	1 33	13 31	0 30	23 40	0 24	18 9	1 5	11 24	2 4	15 40	0 45	21 24	0 35	13 53	17 17	23 23	23 23	14 14	6 40	1 45
T 18	1 45	11 0	4 54	6 33	1 39	13 9	0 34	23 39	0 25	18 9	1 5	11 25	2 4	15 40	0 45	21 24	0 35	13 53	17 17	23 23	23 23	14 16	6 39	1 45
W19	2 9	15 11	4 36	6 5	1 45	12 48	0 37	23 39	0 27	18 10	1 5	11 27	2 4	15 41	0 45	21 24	0 35	13 54	17 17	23 24	23 23	14 18	6 38	1 45
T 20	2 32	18 46	4 5	5 34	1 49	12 26	0 40	23 38	0 28	18 10	1 5	11 28	2 4	15 41	0 45	21 24	0 35	13 54	17 17	23 24	23 23	14 20	6 37	1 45
F 21	2 56	21 36	3 25	5 1	1 53	12 4	0 43	23 38	0 30	18 11	1 5	11 29	2 4	15 41	0 45	21 24	0 35	13 55	17 17	23 24	23 24	14 23	6 36	1 45
S 22	3 19	23 30	2 35	4 25	1 55	11 41	0 46	23 37	0 31	18 11	1 5	11 31	2 3	15 42	0 45	21 23	0 35	13 55	17 17	23 25	23 24	14 25	6 34	1 45
S 23	3 43	24 21	1 37	3 48	1 56	11 18	0 49	23 36	0 33	18 11	1 5	11 32	2 3	15 42	0 45	21 23	0 35	13 55	17 17	23 25	23 24	14 27	6 33	1 45
M24	4 6	24 3	0 34	3 9	1 57	10 55	0 52	23 35	0 34	18 11	1 5	11 33	2 3	15 43	0 45	21 23	0 35	13 56	17 17	23 25	23 24	14 29	6 32	1 45
T 25	4 29	22 32	0n32	2 29	1 57	10 31	0 55	23 34	0 36	18 11	1 5	11 34	2 3	15 43	0 45	21 23	0 35	13 56	17 17	23 25	23 24	14 31	6 31	1 45
W26	4 52	19 50	1 38	1 47	1 56	10 7	0 57	23 33	0 38	18 12	1 5	11 35	2 3	15 43	0 45	21 23	0 35	13 57	17 17	23 25	23 24	14 34	6 30	1 45
T 27	5 16	16 1	2 41	1 5	1 54	9 43	1 0	23 32	0 39	18 12	1 4	11 36	2 3	15 44	0 45	21 23	0 35	13 57	17 17	23 25	23 24	14 36	6 28	1 44
F 28	5 39	11 14	3 38	0 22	1 51	9 18	1 3	23 31	0 41	18 12	1 4	11 37	2 3	15 44	0 45	21 23	0 35	13 57	17 17	23 25	23 24	14 38	6 27	1 44
S 29	6 2	5 41	4 22	0s22	1 49	8 53	1 5	23 30	0 42	18 11	1 4	11 38	2 3	15 44	0 45	21 23	0 35	13 58	17 17	23 25	23 25	14 40	6 26	1 44
S 30	6s25	0n21	4n51	1s 6	1n45	8n28	1n 7	23n29	0n44	18s11	1s 4	11s39	2s 3	15s44	0s45	21n23	0s35	13s58	17s17	23s26	23s25	14s42	6n25	1n44

Julian Day Number = 2299126.5, Delta T = 115.35 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°54'59, Lahiri = 18°02'00 Julian Calendar 1 Sept. 1582 == Greg. Calendar 11 Sept. 1582

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1582
geocentric

OCTOBER 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 16 36	17♎15'34	4♈44	8♎34	12♍18	14♋28	12♒16	4°R49	19°R24	20♋19	4°R40	4°R 4	4♑38	26♎39	12°R 7	M 1
T 2	1 20 32	18°15'07	20° 3	10°18	13°30	14°54	12°16	4♓46	19♒23	20°20	4♈38	3♑53	4°35	26°45	12♈ 4	T 2
W 3	1 24 29	19°14'43	5♉23	12° 1	14°43	15°20	12°17	4°44	19°22	20°20	4°37	3°43	4°31	26°52	12° 1	W 3
T 4	1 28 25	20°14'20	20°32	13°45	15°55	15°46	12°18	4°41	19°21	20°21	4°36	3°35	4°28	26°59	11°58	T 4
F 5	1 32 22	21°14'00	5♊21	15°27	17° 8	16°11	12°19	4°39	19°20	20°21	4°35	3°30	4°25	27° 5	11°55	F 5
S 6	1 36 18	22°13'42	19°44	17°10	18°21	16°36	12°20	4°37	19°20	20°21	4°34	3°27	4°22	27°12	11°53	S 6
S 7	1 40 15	23°13'26	3♋38	18°52	19°34	17° 1	12°22	4°34	19°19	20°21	4°33	3°D26	4°19	27°19	11°50	S 7
M 8	1 44 12	24°13'12	17° 6	20°34	20°47	17°26	12°24	4°32	19°18	20°22	4°32	3°27	4°16	27°26	11°47	M 8
T 9	1 48 8	25°13'01	0♌ 9	22°15	22° 0	17°49	12°26	4°30	19°18	20°22	4°31	3°R27	4°12	27°32	11°44	T 9
W10	1 52 5	26°12'52	12°52	23°56	23°13	18°13	12°28	4°28	19°17	20°22	4°30	3°25	4° 9	27°39	11°42	W10
T 11	1 56 1	27°12'45	25°17	25°36	24°26	18°36	12°30	4°26	19°17	20°22	4°29	3°22	4° 6	27°46	11°39	T 11
F 12	1 59 58	28°12'41	7♍31	27°15	25°39	18°59	12°33	4°24	19°16	20°22	4°27	3°15	4° 3	27°52	11°36	F 12
S 13	2 3 54	29°12'38	19°35	28°54	26°53	19°21	12°35	4°23	19°16	20°22	4°26	3° 7	4° 0	27°59	11°33	S 13
S 14	2 7 51	0♏12'37	1♎33	0♏33	28° 6	19°43	12°38	4°21	19°16	20°R22	4°25	2°56	3°56	28° 6	11°31	S 14
M15	2 11 47	1°12'39	13°27	2°11	29°19	20° 5	12°41	4°20	19°15	20°22	4°24	2°43	3°53	28°13	11°28	M15
T 16	2 15 44	2°12'43	25°19	3°49	0♎33	20°26	12°45	4°18	19°15	20°22	4°23	2°31	3°50	28°19	11°26	T 16
W17	2 19 41	3°12'48	7♏10	5°26	1°47	20°47	12°48	4°17	19°15	20°22	4°22	2°20	3°47	28°26	11°23	W17
T 18	2 23 37	4°12'55	19° 2	7° 3	3° 0	21° 7	12°52	4°16	19°15	20°22	4°21	2°10	3°44	28°33	11°20	T 18
F 19	2 27 34	5°13'05	0♐56	8°39	4°14	21°27	12°56	4°15	19°15	20°22	4°20	2° 3	3°41	28°39	11°18	F 19
S 20	2 31 30	6°13'16	12°55	10°15	5°28	21°46	13° 0	4°14	19°D15	20°22	4°19	1°58	3°37	28°46	11°15	S 20
S 21	2 35 27	7°13'28	25° 1	11°50	6°42	22° 5	13° 4	4°13	19°15	20°21	4°18	1°56	3°34	28°53	11°13	S 21
M22	2 39 23	8°13'43	7♑17	13°25	7°55	22°23	13° 9	4°12	19°15	20°21	4°17	1°D56	3°31	29° 0	11°10	M22
T 23	2 43 20	9°13'59	19°48	15° 0	9° 9	22°41	13°13	4°11	19°15	20°21	4°16	1°57	3°28	29° 6	11° 8	T 23
W24	2 47 16	10°14'16	2♒37	16°34	10°23	22°58	13°18	4°11	19°15	20°21	4°16	1°58	3°25	29°13	11° 5	W24
T 25	2 51 13	11°14'35	15°49	18° 8	11°37	23°15	13°23	4°10	19°16	20°20	4°15	1°R58	3°22	29°20	11° 3	T 25
F 26	2 55 10	12°14'55	29°26	19°41	12°51	23°31	13°28	4°10	19°16	20°20	4°14	1°57	3°18	29°26	11° 1	F 26
S 27	2 59 6	13°15'16	13♓31	21°15	14° 6	23°47	13°34	4°10	19°16	20°19	4°13	1°53	3°15	29°33	10°58	S 27
S 28	3 3 3	14°15'39	28° 3	22°48	15°20	24° 2	13°39	4°10	19°17	20°19	4°12	1°48	3°12	29°40	10°56	S 28
M29	3 6 59	15°16'03	12♈58	24°20	16°34	24°17	13°45	4°D10	19°17	20°18	4°11	1°41	3° 9	29°47	10°54	M29
T 30	3 10 56	16°16'29	28° 9	25°53	17°48	24°31	13°51	4°10	19°18	20°18	4°10	1°34	3° 6	29°53	10°52	T 30
W31	3 14 52	17♏16'56	13♉25	27♏25	19♎ 3	24♋44	13♒57	4♓10	19♒18	20♋17	4♈10	1♑27	3♑ 2	29♎59	10♈50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s48	6n29	5n 1	1s51	1n41	8n 2	1n10	23n28	0n46	18s11	1s 4	11s40	2s 3	15s45	0s45	21n23	0s35	13s59	17s17	23s26	23s25	14s44	6n24	1n44
T 2	7 10	12 19	4 49	2 36	1 37	7 37	1 12	23 27	0 47	18 11	1 4	11 41	2 3	15 45	0 45	21 23	0 35	13 59	17 17	23 26	23 25	14 47	6 23	1 44
W 3	7 33	17 23	4 17	3 21	1 33	7 11	1 14	23 25	0 49	18 11	1 4	11 42	2 3	15 45	0 45	21 22	0 35	13 59	17 17	23 26	23 25	14 49	6 21	1 44
T 4	7 56	21 14	3 26	4 5	1 28	6 44	1 16	23 24	0 51	18 10	1 4	11 43	2 2	15 45	0 45	21 22	0 35	14 0	17 17	23 27	23 25	14 51	6 20	1 44
F 5	8 18	23 35	2 23	4 50	1 22	6 18	1 18	23 23	0 53	18 10	1 4	11 43	2 2	15 46	0 45	21 22	0 35	14 0	17 17	23 27	23 25	14 53	6 19	1 44
S 6	8 40	24 18	1 12	5 34	1 17	5 51	1 20	23 21	0 54	18 9	1 4	11 44	2 2	15 46	0 45	21 22	0 35	14 0	17 16	23 27	23 25	14 55	6 18	1 44
S 7	9 3	23 26	0s 1	6 19	1 11	5 24	1 22	23 20	0 56	18 9	1 3	11 45	2 2	15 46	0 44	21 22	0 35	14 1	17 16	23 27	23 25	14 57	6 17	1 44
M 8	9 25	21 12	1 12	7 2	1 5	4 57	1 24	23 19	0 58	18 8	1 3	11 46	2 2	15 46	0 44	21 22	0 35	14 1	17 16	23 27	23 26	14 59	6 15	1 43
T 9	9 47	17 56	2 17	7 46	0 59	4 30	1 26	23 17	1 0	18 7	1 3	11 46	2 2	15 46	0 44	21 22	0 35	14 1	17 16	23 27	23 26	15 2	6 14	1 43
W10	10 9	13 54	3 13	8 29	0 53	4 2	1 27	23 16	1 1	18 7	1 3	11 47	2 2	15 46	0 44	21 22	0 35	14 2	17 16	23 27	23 26	15 4	6 13	1 43
T 11	10 30	9 22	3 59	9 12	0 47	3 35	1 29	23 15	1 3	18 6	1 3	11 47	2 2	15 47	0 44	21 22	0 35	14 2	17 16	23 27	23 26	15 6	6 12	1 43
F 12	10 52	4 32	4 33	9 54	0 40	3 7	1 30	23 13	1 5	18 5	1 3	11 48	2 1	15 47	0 44	21 22	0 35	14 2	17 16	23 27	23 26	15 8	6 11	1 43
S 13	11 13	0s23	4 55	10 35	0 34	2 39	1 32	23 12	1 7	18 4	1 3	11 49	2 1	15 47	0 44	21 22	0 35	14 2	17 16	23 27	23 26	15 10	6 10	1 43
S 14	11 34	5 15	5 3	11 16	0 27	2 11	1 33	23 11	1 9	18 3	1 3	11 49	2 1	15 47	0 44	21 22	0 35	14 3	17 15	23 28	23 26	15 12	6 8	1 43
M15	11 55	9 53	4 58	11 56	0 20	1 43	1 34	23 9	1 11	18 2	1 2	11 49	2 1	15 47	0 44	21 22	0 35	14 3	17 15	23 28	23 26	15 14	6 7	1 43
T 16	12 16	14 9	4 40	12 36	0 14	1 14	1 36	23 8	1 13	18 1	1 2	11 50	2 1	15 47	0 44	21 22	0 35	14 3	17 15	23 28	23 26	15 16	6 6	1 43
W17	12 37	17 52	4 10	13 15	0 7	0 46	1 37	23 7	1 15	18 0	1 2	11 50	2 1	15 47	0 44	21 22	0 35	14 3	17 15	23 28	23 26	15 18	6 5	1 42
T 18	12 57	20 51	3 28	13 53	0 0	0 18	1 38	23 6	1 17	17 59	1 2	11 50	2 1	15 47	0 44	21 22	0 35	14 4	17 15	23 29	23 26	15 20	6 4	1 42
F 19	13 17	22 58	2 38	14 31	0s 6	0s11	1 38	23 5	1 19	17 58	1 2	11 51	2 1	15 47	0 44	21 22	0 35	14 4	17 14	23 29	23 27	15 23	6 3	1 42
S 20	13 37	24 3	1 40	15 8	0 13	0 39	1 39	23 4	1 21	17 56	1 2	11 51	2 0	15 47	0 44	21 22	0 35	14 4	17 14	23 29	23 27	15 25	6 2	1 42
S 21	13 57	24 1	0 37	15 44	0 20	1 8	1 40	23 3	1 23	17 55	1 2	11 51	2 0	15 47	0 44	21 22	0 35	14 4	17 14	23 29	23 27	15 27	6 1	1 42
M22	14 17	22 49	0n29	16 19	0 26	1 37	1 41	23 2	1 25	17 54	1 2	11 51	2 0	15 47	0 44	21 22	0 35	14 4	17 14	23 29	23 27	15 29	5 59	1 42
T 23	14 36	20 28	1 35	16 54	0 33	2 5	1 41	23 1	1 27	17 52	1 2	11 51	2 0	15 47	0 44	21 22	0 35	14 5	17 14	23 29	23 27	15 31	5 58	1 42
W24	14 55	17 4	2 37	17 27	0 39	2 34	1 42	23 0	1 30	17 51	1 1	11 52	2 0	15 47	0 44	21 22	0 35	14 5	17 13	23 29	23 27	15 33	5 57	1 42
T 25	15 14	12 44	3 34	18 0	0 46	3 2	1 42	23 0	1 32	17 49	1 1	11 52	2 0	15 46	0 44	21 22	0 35	14 5	17 13	23 29	23 27	15 35	5 56	1 41
F 26	15 33	7 38	4 20	18 32	0 52	3 31	1 43	22 59	1 34	17 48	1 1	11 52	2 0	15 46	0 44	21 22	0 35	14 5	17 13	23 29	23 27	15 37	5 55	1 41
S 27	15 51	1 59	4 52	19 3	0 58	4 0	1 43	22 58	1 36	17 46	1 1	11 52	1 59	15 46	0 44	21 22	0 35	14 5	17 13	23 29	23 27	15 39	5 54	1 41
S 28	16 9	3n55	5 7	19 33	1 4	4 28	1 43	22 58	1 38	17 44	1 1	11 51	1 59	15 46	0 44	21 22	0 35	14 5	17 13	23 29	23 27	15 41	5 53	1 41
M29	16 27	9 46	5 2	20 2	1 10	4 57	1 43	22 58	1 41	17 43	1 1	11 51	1 59	15 46	0 44	21 23	0 35	14 5	17 12	23 29	23 27	15 43	5 52	1 41
T 30	16 45	15 8	4 36	20 30	1 16	5 25	1 43	22 57	1 43	17 41	1 1	11 51	1 59	15 46	0 44	21 23	0 35	14 6	17 12	23 29	23 27	15 45	5 51	1 41
W31	17s 2	19n33	3n50	20s57	1s22	5s53	1n43	22n57	1n45	17s39	1s 1	11s51	1s59	15s45	0s44	21n23	0s35	14s 6	17s12	23s29	23s28	15s47	5n50	1n41

Julian Day Number = 2299156.5, Delta T = 115.21 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'03, Lahiri = 18°02'04 Julian Calendar 1 Oct. 1582 == Greg. Calendar 11 Oct. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

NOVEMBER 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 18 49	18♏17'25	28♉37	28♏57	20♎17	24♋57	14♒ 3	4♓10	19♒19	20°R17	4°R 9	1°R22	2♑59	0♏ 7	10°R47	T 1
F 2	3 22 45	19°17'56	13♊33	0♐28	21°31	25° 9	14° 9	4°10	19°19	20♋16	4♈ 8	1♑18	2°56	0°13	10♈45	F 2
S 3	3 26 42	20°18'28	28° 6	1°59	22°46	25°21	14°16	4°11	19°20	20°16	4° 7	1°D17	2°53	0°20	10°43	S 3
S 4	3 30 39	21°19'03	12♋13	3°30	24° 0	25°32	14°23	4°11	19°21	20°15	4° 6	1°18	2°50	0°27	10°41	S 4
M 5	3 34 35	22°19'38	25°50	5° 1	25°15	25°43	14°29	4°12	19°22	20°14	4° 6	1°19	2°47	0°33	10°39	M 5
T 6	3 38 32	23°20'16	9♌ 1	6°32	26°29	25°52	14°36	4°13	19°23	20°13	4° 5	1°20	2°43	0°40	10°37	T 6
W 7	3 42 28	24°20'55	21°48	8° 2	27°44	26° 1	14°44	4°14	19°23	20°13	4° 4	1°R21	2°40	0°47	10°36	W 7
T 8	3 46 25	25°21'36	4♍15	9°32	28°59	26°10	14°51	4°15	19°24	20°12	4° 4	1°21	2°37	0°54	10°34	T 8
F 9	3 50 21	26°22'18	16°27	11° 1	0♏13	26°17	14°58	4°16	19°25	20°11	4° 3	1°19	2°34	1° 0	10°32	F 9
S 10	3 54 18	27°23'03	28°28	12°31	1°28	26°24	15° 6	4°17	19°26	20°10	4° 2	1°15	2°31	1° 7	10°30	S 10
S 11	3 58 14	28°23'48	10♎22	13°59	2°43	26°31	15°14	4°18	19°28	20° 9	4° 2	1°10	2°28	1°14	10°28	S 11
M12	4 2 11	29°24'35	22°14	15°28	3°57	26°36	15°22	4°20	19°29	20° 8	4° 1	1° 4	2°24	1°20	10°27	M12
T 13	4 6 8	0♐25'24	4♏ 4	16°55	5°12	26°41	15°30	4°21	19°30	20° 7	4° 1	0°58	2°21	1°27	10°25	T 13
W14	4 10 4	1°26'14	15°57	18°23	6°27	26°45	15°38	4°23	19°31	20° 6	4° 0	0°53	2°18	1°34	10°24	W14
T 15	4 14 1	2°27'05	27°54	19°49	7°42	26°48	15°47	4°25	19°32	20° 5	3°59	0°48	2°15	1°41	10°22	T 15
F 16	4 17 57	3°27'58	9♐56	21°15	8°57	26°51	15°55	4°27	19°34	20° 4	3°59	0°45	2°12	1°47	10°21	F 16
S 17	4 21 54	4°28'52	22° 6	22°40	10°12	26°52	16° 4	4°29	19°35	20° 3	3°58	0°43	2° 8	1°54	10°19	S 17
S 18	4 25 50	5°29'46	4♑24	24° 4	11°27	26°53	16°13	4°31	19°37	20° 2	3°58	0°D43	2° 5	2° 1	10°18	S 18
M19	4 29 47	6°30'42	16°53	25°26	12°42	26°R53	16°22	4°33	19°38	20° 1	3°58	0°44	2° 2	2° 7	10°17	M19
T 20	4 33 43	7°31'39	29°35	26°48	13°57	26°52	16°31	4°35	19°40	20° 0	3°57	0°46	1°59	2°14	10°15	T 20
W21	4 37 40	8°32'36	12♒31	28° 7	15°12	26°51	16°40	4°37	19°41	19°59	3°57	0°47	1°56	2°21	10°14	W21
T 22	4 41 37	9°33'34	25°45	29°25	16°27	26°48	16°49	4°40	19°43	19°58	3°56	0°48	1°53	2°27	10°13	T 22
F 23	4 45 33	10°34'33	9♓18	0♑41	17°42	26°45	16°59	4°42	19°45	19°56	3°56	0°R49	1°49	2°34	10°12	F 23
S 24	4 49 30	11°35'32	23°12	1°54	18°57	26°41	17° 8	4°45	19°46	19°55	3°56	0°49	1°46	2°41	10°11	S 24
S 25	4 53 26	12°36'32	7♈27	3° 4	20°12	26°36	17°18	4°48	19°48	19°54	3°55	0°47	1°43	2°48	10°10	S 25
M26	4 57 23	13°37'32	22° 0	4°11	21°27	26°31	17°28	4°51	19°50	19°53	3°55	0°45	1°40	2°54	10° 9	M26
T 27	5 1 19	14°38'33	6♉47	5°13	22°42	26°24	17°38	4°54	19°52	19°51	3°55	0°43	1°37	3° 1	10° 8	T 27
W28	5 5 16	15°39'35	21°42	6°12	23°57	26°17	17°48	4°57	19°54	19°50	3°54	0°41	1°34	3° 8	10° 8	W28
T 29	5 9 12	16°40'37	6♊37	7° 5	25°12	26° 8	17°58	5° 0	19°56	19°49	3°54	0°40	1°30	3°14	10° 7	T 29
F 30	5 13 9	17♐41'40	21♊23	7♑52	26♏27	25♋59	18♒ 9	5♓ 3	19♒58	19♋47	3♈54	0♑39	1♑27	3♏21	10♈ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	22n37	2n48	21s24	1s28	6s21	1n43	22n57	1n48	17s37	1s 1	11s51	1s59	15s45	0s44	21n23	0s35	14s 6	17s12	23s29	23s28	15s49	5n49	1n41
F 2	17 35	24 3	1 35	21 49	1 33	6 49	1 43	22 57	1 50	17 35	1 0	11 50	1 59	15 45	0 44	21 23	0 35	14 6	17 11	23 29	23 28	15 51	5 48	1 40
S 3	17 52	23 46	0 17	22 13	1 38	7 17	1 42	22 58	1 53	17 33	1 0	11 50	1 58	15 45	0 44	21 23	0 35	14 6	17 11	23 29	23 28	15 53	5 47	1 40
S 4	18 8	21 57	0s59	22 36	1 43	7 45	1 42	22 58	1 55	17 31	1 0	11 50	1 58	15 45	0 44	21 23	0 35	14 6	17 11	23 29	23 28	15 55	5 46	1 40
M 5	18 24	18 54	2 10	22 57	1 48	8 13	1 41	22 58	1 57	17 29	1 0	11 49	1 58	15 44	0 44	21 23	0 35	14 6	17 10	23 29	23 28	15 57	5 46	1 40
T 6	18 39	14 58	3 11	23 18	1 53	8 40	1 41	22 59	2 0	17 27	1 0	11 49	1 58	15 44	0 43	21 23	0 35	14 6	17 10	23 29	23 28	15 59	5 45	1 40
W 7	18 54	10 28	4 1	23 37	1 57	9 8	1 40	23 0	2 2	17 24	1 0	11 48	1 58	15 44	0 43	21 23	0 35	14 6	17 10	23 29	23 28	16 1	5 44	1 40
T 8	19 9	5 40	4 38	23 55	2 1	9 35	1 40	23 1	2 5	17 22	1 0	11 48	1 58	15 43	0 43	21 23	0 35	14 6	17 10	23 29	23 28	16 3	5 43	1 40
F 9	19 23	0 44	5 1	24 12	2 5	10 2	1 39	23 2	2 8	17 20	1 0	11 47	1 58	15 43	0 43	21 24	0 35	14 6	17 9	23 29	23 28	16 5	5 42	1 39
S 10	19 37	4s 9	5 11	24 28	2 8	10 29	1 38	23 3	2 10	17 17	1 0	11 47	1 57	15 43	0 43	21 24	0 35	14 6	17 9	23 29	23 28	16 7	5 41	1 39
S 11	19 51	8 50	5 8	24 43	2 12	10 55	1 37	23 4	2 13	17 15	0 59	11 46	1 57	15 42	0 43	21 24	0 35	14 6	17 9	23 29	23 28	16 9	5 40	1 39
M12	20 4	13 10	4 51	24 56	2 15	11 21	1 36	23 6	2 15	17 13	0 59	11 46	1 57	15 42	0 43	21 24	0 35	14 6	17 8	23 29	23 28	16 11	5 40	1 39
T 13	20 17	17 0	4 22	25 7	2 17	11 48	1 35	23 7	2 18	17 10	0 59	11 45	1 57	15 41	0 43	21 24	0 35	14 6	17 8	23 29	23 28	16 13	5 39	1 39
W14	20 30	20 10	3 41	25 18	2 19	12 13	1 34	23 9	2 21	17 8	0 59	11 44	1 57	15 41	0 43	21 24	0 35	14 6	17 8	23 29	23 28	16 15	5 38	1 39
T 15	20 42	22 30	2 50	25 27	2 21	12 39	1 33	23 11	2 23	17 5	0 59	11 43	1 57	15 40	0 43	21 24	0 35	14 6	17 7	23 29	23 28	16 17	5 37	1 38
F 16	20 54	23 50	1 52	25 34	2 22	13 4	1 32	23 13	2 26	17 2	0 59	11 43	1 56	15 40	0 43	21 24	0 35	14 6	17 7	23 29	23 29	16 19	5 37	1 38
S 17	21 5	24 3	0 47	25 40	2 23	13 29	1 30	23 16	2 29	17 0	0 59	11 42	1 56	15 40	0 43	21 25	0 35	14 5	17 7	23 29	23 29	16 21	5 36	1 38
S 18	21 16	23 5	0n20	25 45	2 23	13 53	1 29	23 18	2 32	16 57	0 59	11 41	1 56	15 39	0 43	21 25	0 35	14 5	17 6	23 29	23 29	16 23	5 35	1 38
M19	21 27	20 58	1 28	25 48	2 23	14 17	1 28	23 21	2 34	16 54	0 59	11 40	1 56	15 39	0 43	21 25	0 35	14 5	17 6	23 29	23 29	16 25	5 35	1 38
T 20	21 37	17 48	2 32	25 50	2 22	14 41	1 26	23 24	2 37	16 51	0 59	11 39	1 56	15 38	0 43	21 25	0 35	14 5	17 6	23 29	23 29	16 27	5 34	1 38
W21	21 47	13 43	3 30	25 50	2 21	15 5	1 25	23 27	2 40	16 48	0 59	11 38	1 56	15 38	0 43	21 25	0 35	14 5	17 5	23 29	23 29	16 29	5 33	1 38
T 22	21 56	8 54	4 19	25 48	2 19	15 28	1 23	23 30	2 43	16 45	0 58	11 37	1 56	15 37	0 43	21 25	0 35	14 5	17 5	23 29	23 29	16 31	5 33	1 37
F 23	22 5	3 33	4 54	25 46	2 16	15 51	1 21	23 34	2 46	16 42	0 58	11 36	1 55	15 36	0 43	21 26	0 35	14 5	17 5	23 29	23 29	16 33	5 32	1 37
S 24	22 14	2n 5	5 13	25 41	2 12	16 13	1 20	23 37	2 48	16 39	0 58	11 35	1 55	15 36	0 43	21 26	0 35	14 4	17 4	23 29	23 29	16 34	5 32	1 37
S 25	22 22	7 46	5 14	25 36	2 8	16 35	1 18	23 41	2 51	16 36	0 58	11 34	1 55	15 35	0 43	21 26	0 35	14 4	17 4	23 29	23 29	16 36	5 31	1 37
M26	22 29	13 8	4 54	25 28	2 3	16 56	1 16	23 45	2 54	16 33	0 58	11 32	1 55	15 35	0 43	21 26	0 35	14 4	17 4	23 29	23 29	16 38	5 31	1 37
T 27	22 36	17 50	4 16	25 20	1 57	17 17	1 14	23 49	2 57	16 30	0 58	11 31	1 55	15 34	0 43	21 26	0 35	14 4	17 3	23 29	23 29	16 40	5 30	1 37
W28	22 43	21 26	3 19	25 10	1 49	17 38	1 12	23 53	3 0	16 27	0 58	11 30	1 55	15 33	0 43	21 27	0 35	14 4	17 3	23 29	23 29	16 42	5 30	1 36
T 29	22 49	23 35	2 9	24 59	1 41	17 58	1 11	23 57	3 2	16 24	0 58	11 29	1 55	15 33	0 43	21 27	0 35	14 3	17 3	23 30	23 29	16 44	5 29	1 36
F 30	22s55	24n 4	0n51	24s47	1s31	18s18	1n 9	24n 2	3n 5	16s20	0s58	11s27	1s54	15s32	0s43	21n27	0s35	14s 3	17s 2	23s30	23s29	16s46	5n29	1n36

Julian Day Number = 2299187.5, Delta T = 115.06 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'08, Lahiri = 18°02'08 Julian Calendar 1 Nov. 1582 == Greg. Calendar 11 Nov. 1582

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ASTRODIENST EPHEMERIS for the year 1582
geocentric

DECEMBER 1582 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 17 6	18♐42'44	5♋54	8♑33	27♏42	25°R50	18♒19	5♓ 6	20♒ 0	19°R46	3°R54	0°D39	1♑24	3♏28	10°R 5	S 1
S 2	5 21 2	19°43'48	20° 2	9° 5	28°57	25♋39	18°30	5°10	20° 2	19♋44	3♈54	0♑39	1°21	3°35	10♈ 5	S 2
M 3	5 24 59	20°44'53	3♌47	9°30	0♐13	25°27	18°40	5°13	20° 4	19°43	3°53	0°40	1°18	3°41	10° 4	M 3
T 4	5 28 55	21°45'59	17° 5	9°45	1°28	25°15	18°51	5°17	20° 6	19°42	3°53	0°41	1°14	3°48	10° 4	T 4
W 5	5 32 52	22°47'06	29°59	9°R50	2°43	25° 2	19° 2	5°20	20° 8	19°40	3°53	0°42	1°11	3°55	10° 3	W 5
T 6	5 36 48	23°48'13	12♍32	9°44	3°58	24°48	19°13	5°24	20°10	19°39	3°53	0°42	1° 8	4° 1	10° 3	T 6
F 7	5 40 45	24°49'21	24°48	9°26	5°13	24°33	19°24	5°28	20°13	19°37	3°53	0°R43	1° 5	4° 8	10° 3	F 7
S 8	5 44 41	25°50'29	6♎50	8°57	6°29	24°18	19°35	5°32	20°15	19°36	3°53	0°42	1° 2	4°15	10° 3	S 8
S 9	5 48 38	26°51'39	18°44	8°16	7°44	24° 1	19°47	5°36	20°17	19°34	3°D53	0°42	0°59	4°21	10° 2	S 9
M10	5 52 35	27°52'49	0♏35	7°24	8°59	23°44	19°58	5°40	20°20	19°33	3°53	0°42	0°55	4°28	10° 2	M10
T 11	5 56 31	28°53'59	12°26	6°22	10°14	23°27	20°10	5°44	20°22	19°31	3°53	0°41	0°52	4°35	10°D 2	T 11
W12	6 0 28	29°55'10	24°21	5°12	11°30	23° 8	20°21	5°49	20°25	19°29	3°53	0°41	0°49	4°42	10° 2	W12
T 13	6 4 24	0♑56'22	6♐23	3°55	12°45	22°49	20°33	5°53	20°27	19°28	3°53	0°D41	0°46	4°48	10° 2	T 13
F 14	6 8 21	1°57'33	18°36	2°34	14° 0	22°30	20°45	5°57	20°30	19°26	3°53	0°41	0°43	4°55	10° 2	F 14
S 15	6 12 17	2°58'45	0♑59	1°12	15°16	22° 9	20°57	6° 2	20°32	19°25	3°54	0°R41	0°40	5° 2	10° 3	S 15
S 16	6 16 14	3°59'57	13°35	29♐52	16°31	21°49	21° 9	6° 7	20°35	19°23	3°54	0°41	0°36	5° 8	10° 3	S 16
M17	6 20 11	5° 1'09	26°25	28°36	17°46	21°27	21°21	6°11	20°38	19°21	3°54	0°41	0°33	5°15	10° 3	M17
T 18	6 24 7	6° 2'21	9♒28	27°26	19° 1	21° 6	21°33	6°16	20°40	19°20	3°54	0°40	0°30	5°22	10° 4	T 18
W19	6 28 4	7° 3'33	22°44	26°23	20°17	20°43	21°45	6°21	20°43	19°18	3°54	0°40	0°27	5°28	10° 4	W19
T 20	6 32 0	8° 4'44	6♓13	25°30	21°32	20°21	21°58	6°26	20°46	19°16	3°55	0°39	0°24	5°35	10° 4	T 20
F 21	6 35 57	9° 5'55	19°55	24°47	22°47	19°58	22°10	6°31	20°49	19°15	3°55	0°38	0°20	5°42	10° 5	F 21
S 22	6 39 53	10° 7'06	3♈49	24°14	24° 3	19°35	22°22	6°36	20°51	19°13	3°55	0°D38	0°17	5°49	10° 6	S 22
S 23	6 43 50	11° 8'16	17°54	23°51	25°18	19°11	22°35	6°41	20°54	19°11	3°56	0°38	0°14	5°55	10° 6	S 23
M24	6 47 46	12° 9'26	2♉ 9	23°38	26°33	18°48	22°48	6°46	20°57	19°10	3°56	0°38	0°11	6° 2	10° 7	M24
T 25	6 51 43	13°10'35	16°31	23°D34	27°48	18°24	23° 0	6°51	21° 0	19° 8	3°56	0°39	0° 8	6° 9	10° 8	T 25
W26	6 55 40	14°11'44	0♊57	23°39	29° 4	18° 0	23°13	6°57	21° 3	19° 6	3°57	0°40	0° 5	6°15	10° 8	W26
T 27	6 59 36	15°12'52	15°23	23°52	0♑19	17°36	23°26	7° 2	21° 6	19° 5	3°57	0°41	0° 1	6°22	10° 9	T 27
F 28	7 3 33	16°14'00	29°44	24°12	1°34	17°12	23°39	7° 8	21° 9	19° 3	3°58	0°R41	29♐58	6°29	10°10	F 28
S 29	7 7 29	17°15'07	13♋55	24°39	2°50	16°48	23°52	7°13	21°12	19° 1	3°58	0°41	29°55	6°35	10°11	S 29
S 30	7 11 26	18°16'14	27°51	25°12	4° 5	16°24	24° 5	7°19	21°15	19° 0	3°58	0°40	29°52	6°42	10°12	S 30
M31	7 15 22	19♑17'20	11♌30	25♐51	5♑20	16♋ 0	24♒18	7♓25	21♒18	18♋58	3♈59	0♑38	29♐49	6♏49	10♈13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	22n53	0s29	24s34	1s21	18s37	1n 7	24n 6	3n 8	16s17	0s58	11s26	1s54	15s31	0s43	21n27	0s35	14s 3	17s 2	23s30	23s29	16s48	5n28	1n36
S 2	23 6	20 15	1 45	24 19	1 9	18 55	1 4	24 11	3 11	16 14	0 58	11 25	1 54	15 31	0 43	21 27	0 35	14 3	17 2	23 30	23 29	16 50	5 28	1 36
M 3	23 10	16 32	2 54	24 4	0 55	19 13	1 2	24 16	3 13	16 10	0 58	11 23	1 54	15 30	0 43	21 28	0 35	14 2	17 1	23 30	23 29	16 51	5 28	1 36
T 4	23 14	12 6	3 50	23 49	0 41	19 31	1 0	24 21	3 16	16 7	0 57	11 22	1 54	15 29	0 43	21 28	0 35	14 2	17 1	23 29	23 29	16 53	5 27	1 35
W 5	23 18	7 14	4 33	23 33	0 25	19 48	0 58	24 26	3 19	16 4	0 57	11 20	1 54	15 29	0 43	21 28	0 35	14 2	17 1	23 29	23 29	16 55	5 27	1 35
T 6	23 21	2 13	5 2	23 16	0 8	20 5	0 56	24 31	3 21	16 0	0 57	11 19	1 54	15 28	0 43	21 28	0 35	14 2	17 0	23 29	23 29	16 57	5 27	1 35
F 7	23 24	2s45	5 16	22 59	0n10	20 20	0 54	24 36	3 24	15 56	0 57	11 17	1 53	15 27	0 43	21 28	0 35	14 1	17 0	23 29	23 29	16 59	5 27	1 35
S 8	23 26	7 33	5 16	22 42	0 29	20 36	0 51	24 42	3 27	15 53	0 57	11 16	1 53	15 26	0 42	21 29	0 35	14 1	17 0	23 29	23 29	17 1	5 26	1 35
S 9	23 27	12 0	5 2	22 25	0 49	20 51	0 49	24 47	3 29	15 49	0 57	11 14	1 53	15 26	0 42	21 29	0 35	14 1	16 59	23 29	23 29	17 3	5 26	1 35
M10	23 29	16 0	4 35	22 9	1 9	21 5	0 47	24 53	3 32	15 46	0 57	11 12	1 53	15 25	0 42	21 29	0 35	14 0	16 59	23 29	23 29	17 4	5 26	1 34
T 11	23 29	19 22	3 57	21 52	1 28	21 18	0 44	24 58	3 34	15 42	0 57	11 11	1 53	15 24	0 42	21 29	0 35	14 0	16 58	23 29	23 29	17 6	5 26	1 34
W12	23 30	21 57	3 8	21 36	1 48	21 31	0 42	25 4	3 37	15 38	0 57	11 9	1 53	15 23	0 42	21 30	0 35	14 0	16 58	23 29	23 29	17 8	5 26	1 34
T 13	23 29	23 34	2 11	21 21	2 6	21 43	0 40	25 9	3 39	15 34	0 57	11 7	1 53	15 22	0 42	21 30	0 35	13 59	16 58	23 29	23 29	17 10	5 25	1 34
F 14	23 29	24 7	1 7	21 6	2 22	21 55	0 37	25 15	3 41	15 30	0 57	11 5	1 53	15 22	0 42	21 30	0 35	13 59	16 57	23 29	23 29	17 12	5 25	1 34
S 15	23 28	23 28	0n 2	20 53	2 37	22 6	0 35	25 20	3 44	15 27	0 57	11 4	1 53	15 21	0 42	21 30	0 35	13 58	16 57	23 29	23 30	17 14	5 25	1 34
S 16	23 26	21 37	1 11	20 40	2 49	22 16	0 32	25 26	3 46	15 23	0 57	11 2	1 52	15 20	0 42	21 30	0 35	13 58	16 57	23 29	23 30	17 15	5 25	1 33
M17	23 24	18 39	2 18	20 30	2 59	22 26	0 30	25 32	3 48	15 19	0 57	11 0	1 52	15 19	0 42	21 31	0 35	13 58	16 56	23 29	23 30	17 17	5 25	1 33
T 18	23 21	14 44	3 19	20 22	3 6	22 35	0 27	25 37	3 50	15 15	0 57	10 58	1 52	15 18	0 42	21 31	0 35	13 57	16 56	23 29	23 30	17 19	5 25	1 33
W19	23 18	10 1	4 10	20 15	3 11	22 43	0 25	25 42	3 52	15 11	0 57	10 56	1 52	15 17	0 42	21 31	0 35	13 57	16 55	23 30	23 30	17 21	5 25	1 33
T 20	23 15	4 46	4 49	20 11	3 14	22 51	0 22	25 48	3 53	15 7	0 57	10 54	1 52	15 16	0 42	21 31	0 35	13 56	16 55	23 30	23 30	17 23	5 25	1 33
F 21	23 11	0n46	5 11	20 9	3 15	22 58	0 20	25 53	3 55	15 3	0 56	10 52	1 52	15 15	0 42	21 32	0 35	13 56	16 55	23 30	23 30	17 24	5 25	1 33
S 22	23 6	6 22	5 16	20 9	3 13	23 4	0 17	25 58	3 57	14 59	0 56	10 50	1 52	15 14	0 42	21 32	0 35	13 55	16 54	23 30	23 30	17 26	5 25	1 32
S 23	23 2	11 42	5 3	20 11	3 10	23 10	0 15	26 3	3 58	14 54	0 56	10 48	1 52	15 14	0 42	21 32	0 35	13 55	16 54	23 30	23 30	17 28	5 25	1 32
M24	22 56	16 28	4 30	20 15	3 6	23 15	0 12	26 8	4 0	14 50	0 56	10 46	1 52	15 13	0 42	21 32	0 35	13 55	16 54	23 30	23 30	17 30	5 26	1 32
T 25	22 50	20 20	3 41	20 20	3 0	23 19	0 10	26 13	4 1	14 46	0 56	10 44	1 51	15 12	0 42	21 33	0 35	13 54	16 53	23 30	23 30	17 32	5 26	1 32
W26	22 44	22 58	2 37	20 27	2 53	23 22	0 7	26 17	4 2	14 42	0 56	10 42	1 51	15 11	0 42	21 33	0 35	13 54	16 53	23 29	23 30	17 33	5 26	1 32
T 27	22 37	24 5	1 24	20 35	2 46	23 25	0 5	26 21	4 4	14 37	0 56	10 40	1 51	15 10	0 42	21 33	0 35	13 53	16 53	23 29	23 30	17 35	5 26	1 32
F 28	22 30	23 35	0 5	20 44	2 38	23 27	0 2	26 26	4 5	14 33	0 56	10 38	1 51	15 9	0 42	21 33	0 35	13 53	16 52	23 29	23 30	17 37	5 26	1 31
S 29	22 23	21 34	1s12	20 54	2 29	23 28	0s 0	26 30	4 6	14 29	0 56	10 36	1 51	15 8	0 42	21 34	0 35	13 52	16 52	23 29	23 30	17 39	5 26	1 31
S 30	22 15	18 17	2 25	21 4	2 20	23 29	0 3	26 34	4 6	14 24	0 56	10 34	1 51	15 7	0 42	21 34	0 35	13 52	16 52	23 30	23 30	17 40	5 27	1 31
M31	22s 6	14n 4	3s27	21s15	2n11	23s28	0s 5	26n37	4n 7	14s20	0s56	10s31	1s51	15s 6	0s42	21n34	0s35	13s51	16s51	23s30	23s30	17s42	5n27	1n31

Julian Day Number = 2299217.5, Delta T = 114.92 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'12, Lahiri = 18°02'12 Julian Calendar 1 Dec. 1582 == Greg. Calendar 11 Dec. 1582

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

JANUARY 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 19 19	20♉18'26	24♌47	26♐34	6♉36	15°R36	24♒31	7♓30	21♒21	18°R56	3♈59	0°R35	29♐46	6♏56	10♈15	T 1
W 2	7 23 15	21°19'31	7♍44	27°22	7°51	15♋13	24°44	7°36	21°24	18♋55	4° 0	0♉31	29°42	7° 2	10°16	W 2
T 3	7 27 12	22°20'36	20°20	28°14	9° 6	14°50	24°58	7°42	21°27	18°53	4° 1	0°28	29°39	7° 9	10°17	T 3
F 4	7 31 9	23°21'41	2♎40	29°10	10°21	14°27	25°11	7°48	21°30	18°51	4° 1	0°26	29°36	7°16	10°18	F 4
S 5	7 35 5	24°22'45	14°45	0♉ 9	11°37	14° 4	25°24	7°54	21°33	18°49	4° 2	0°24	29°33	7°22	10°20	S 5
S 6	7 39 2	25°23'49	26°40	1°11	12°52	13°42	25°38	8° 0	21°37	18°48	4° 2	0°D24	29°30	7°29	10°21	S 6
M 7	7 42 58	26°24'52	8♏31	2°15	14° 7	13°21	25°51	8° 6	21°40	18°46	4° 3	0°24	29°26	7°36	10°23	M 7
T 8	7 46 55	27°25'55	20°22	3°22	15°23	12°59	26° 5	8°12	21°43	18°44	4° 4	0°26	29°23	7°42	10°24	T 8
W 9	7 50 51	28°26'58	2♐18	4°31	16°38	12°39	26°19	8°18	21°46	18°43	4° 4	0°28	29°20	7°49	10°26	W 9
T 10	7 54 48	29°27'59	14°24	5°42	17°53	12°18	26°32	8°24	21°50	18°41	4° 5	0°29	29°17	7°56	10°27	T 10
F 11	7 58 44	0♒29'01	26°43	6°55	19° 8	11°59	26°46	8°31	21°53	18°39	4° 6	0°R30	29°14	8° 2	10°29	F 11
S 12	8 2 41	1°30'01	9♉19	8°10	20°24	11°40	27° 0	8°37	21°56	18°38	4° 7	0°30	29°11	8° 9	10°31	S 12
S 13	8 6 38	2°31'01	22°13	9°26	21°39	11°21	27°14	8°44	21°59	18°36	4° 7	0°28	29° 7	8°16	10°33	S 13
M14	8 10 34	3°31'59	5♒24	10°44	22°54	11° 3	27°28	8°50	22° 3	18°34	4° 8	0°25	29° 4	8°23	10°34	M14
T 15	8 14 31	4°32'57	18°53	12° 3	24°10	10°46	27°41	8°56	22° 6	18°33	4° 9	0°20	29° 1	8°29	10°36	T 15
W16	8 18 27	5°33'54	2♓37	13°23	25°25	10°30	27°55	9° 3	22° 9	18°31	4°10	0°14	28°58	8°36	10°38	W16
T 17	8 22 24	6°34'49	16°33	14°44	26°40	10°14	28° 9	9°10	22°13	18°30	4°11	0° 8	28°55	8°43	10°40	T 17
F 18	8 26 20	7°35'43	0♈37	16° 7	27°55	9°59	28°23	9°16	22°16	18°28	4°12	0° 3	28°52	8°49	10°42	F 18
S 19	8 30 17	8°36'35	14°45	17°30	29°10	9°45	28°37	9°23	22°20	18°26	4°13	29♐59	28°48	8°56	10°44	S 19
S 20	8 34 13	9°37'26	28°55	18°55	0♒26	9°32	28°51	9°30	22°23	18°25	4°13	29°56	28°45	9° 3	10°47	S 20
M21	8 38 10	10°38'16	13♉ 4	20°21	1°41	9°19	29° 6	9°36	22°26	18°23	4°14	29°D56	28°42	9° 9	10°49	M21
T 22	8 42 7	11°39'04	27°11	21°47	2°56	9° 8	29°20	9°43	22°30	18°22	4°15	29°57	28°39	9°16	10°51	T 22
W23	8 46 3	12°39'51	11♊14	23°15	4°11	8°57	29°34	9°50	22°33	18°20	4°16	29°58	28°36	9°23	10°53	W23
T 24	8 50 0	13°40'36	25°12	24°43	5°26	8°46	29°48	9°57	22°37	18°19	4°17	29°R59	28°32	9°29	10°56	T 24
F 25	8 53 56	14°41'19	9♋ 4	26°12	6°42	8°37	0♓ 2	10° 4	22°40	18°17	4°18	29°59	28°29	9°36	10°58	F 25
S 26	8 57 53	15°42'01	22°47	27°43	7°57	8°28	0°17	10°11	22°44	18°16	4°19	29°57	28°26	9°43	11° 0	S 26
S 27	9 1 49	16°42'42	6♌20	29°14	9°12	8°20	0°31	10°18	22°47	18°14	4°20	29°52	28°23	9°50	11° 3	S 27
M28	9 5 46	17°43'21	19°41	0♒46	10°27	8°13	0°45	10°25	22°50	18°13	4°21	29°45	28°20	9°56	11° 5	M28
T 29	9 9 42	18°43'58	2♍46	2°19	11°42	8° 7	1° 0	10°32	22°54	18°12	4°22	29°37	28°17	10° 3	11° 8	T 29
W30	9 13 39	19°44'34	15°35	3°52	12°57	8° 2	1°14	10°39	22°57	18°10	4°24	29°27	28°13	10°10	11°10	W30
T 31	9 17 36	20♒45'09	28♍ 8	5♒27	14♒13	7♋57	1♓28	10♓46	23♒ 1	18♋ 9	4♈25	29♐18	28♐10	10♏16	11♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s57	9n16	4s16	21s26	2n 1	23s27	0s 8	26n41	4n 8	14s16	0s56	10s29	1s51	15s 5	0s42	21n34	0s35	13s51	16s51	23s30	23s30	17s44	5n27	1n31
W 2	21 48	4 12	4 50	21 36	1 52	23 26	0 10	26 44	4 8	14 11	0 56	10 27	1 51	15 4	0 42	21 35	0 35	13 50	16 51	23 30	23 30	17 45	5 28	1 31
T 3	21 38	0s55	5 10	21 47	1 42	23 23	0 13	26 47	4 9	14 7	0 56	10 25	1 51	15 3	0 42	21 35	0 35	13 49	16 50	23 30	23 30	17 47	5 28	1 30
F 4	21 28	5 52	5 15	21 57	1 32	23 20	0 15	26 50	4 9	14 2	0 56	10 22	1 51	15 2	0 42	21 35	0 35	13 49	16 50	23 30	23 30	17 49	5 28	1 30
S 5	21 17	10 30	5 5	22 7	1 23	23 17	0 18	26 53	4 9	13 58	0 56	10 20	1 50	15 1	0 42	21 35	0 35	13 48	16 49	23 30	23 30	17 51	5 29	1 30
S 6	21 6	14 41	4 42	22 16	1 13	23 12	0 20	26 55	4 9	13 53	0 56	10 18	1 50	15 0	0 42	21 36	0 35	13 48	16 49	23 30	23 30	17 52	5 29	1 30
M 7	20 55	18 17	4 8	22 25	1 3	23 7	0 22	26 58	4 9	13 48	0 56	10 15	1 50	14 59	0 42	21 36	0 35	13 47	16 49	23 30	23 30	17 54	5 30	1 30
T 8	20 43	21 8	3 23	22 33	0 54	23 1	0 25	27 0	4 9	13 44	0 56	10 13	1 50	14 58	0 42	21 36	0 35	13 47	16 48	23 30	23 30	17 56	5 30	1 30
W 9	20 31	23 6	2 29	22 41	0 44	22 54	0 27	27 1	4 9	13 39	0 56	10 11	1 50	14 56	0 42	21 36	0 35	13 46	16 48	23 30	23 30	17 57	5 31	1 30
T 10	20 19	24 1	1 27	22 47	0 35	22 47	0 29	27 3	4 9	13 34	0 56	10 8	1 50	14 55	0 42	21 37	0 35	13 46	16 48	23 30	23 29	17 59	5 31	1 29
F 11	20 6	23 48	0 21	22 53	0 26	22 39	0 32	27 5	4 9	13 30	0 56	10 6	1 50	14 54	0 42	21 37	0 35	13 45	16 47	23 30	23 29	18 1	5 32	1 29
S 12	19 52	22 22	0n48	22 57	0 17	22 30	0 34	27 6	4 8	13 25	0 56	10 3	1 50	14 53	0 42	21 37	0 35	13 44	16 47	23 30	23 29	18 2	5 32	1 29
S 13	19 39	19 45	1 56	23 1	0 9	22 20	0 36	27 7	4 8	13 20	0 56	10 1	1 50	14 52	0 42	21 37	0 35	13 44	16 47	23 30	23 29	18 4	5 33	1 29
M14	19 24	16 4	2 59	23 3	0 0	22 10	0 38	27 8	4 7	13 15	0 56	9 58	1 50	14 51	0 42	21 38	0 35	13 43	16 47	23 30	23 29	18 6	5 33	1 29
T 15	19 10	11 30	3 54	23 5	0s 8	21 59	0 40	27 9	4 6	13 11	0 56	9 56	1 50	14 50	0 42	21 38	0 35	13 43	16 46	23 30	23 29	18 7	5 34	1 29
W16	18 55	6 16	4 36	23 5	0 16	21 48	0 42	27 9	4 6	13 6	0 56	9 53	1 50	14 49	0 42	21 38	0 35	13 42	16 46	23 30	23 29	18 9	5 35	1 28
T 17	18 40	0 41	5 2	23 5	0 24	21 36	0 44	27 10	4 5	13 1	0 56	9 51	1 50	14 48	0 42	21 38	0 35	13 41	16 46	23 30	23 29	18 11	5 35	1 28
F 18	18 25	4n59	5 11	23 3	0 32	21 23	0 47	27 10	4 4	12 56	0 56	9 48	1 50	14 47	0 42	21 38	0 35	13 41	16 45	23 30	23 29	18 12	5 36	1 28
S 19	18 9	10 26	5 0	22 59	0 39	21 10	0 49	27 10	4 3	12 51	0 56	9 46	1 50	14 46	0 42	21 39	0 35	13 40	16 45	23 30	23 29	18 14	5 37	1 28
S 20	17 53	15 21	4 32	22 55	0 46	20 56	0 50	27 10	4 2	12 46	0 56	9 43	1 50	14 44	0 42	21 39	0 35	13 39	16 45	23 30	23 29	18 16	5 37	1 28
M21	17 36	19 24	3 47	22 49	0 53	20 41	0 52	27 10	4 1	12 41	0 56	9 41	1 50	14 43	0 42	21 39	0 35	13 39	16 44	23 30	23 29	18 17	5 38	1 28
T 22	17 20	22 18	2 48	22 43	1 0	20 26	0 54	27 10	4 0	12 36	0 56	9 38	1 49	14 42	0 42	21 39	0 35	13 38	16 44	23 30	23 29	18 19	5 39	1 28
W23	17 3	23 50	1 40	22 34	1 6	20 10	0 56	27 9	3 58	12 31	0 56	9 35	1 49	14 41	0 42	21 40	0 35	13 38	16 44	23 30	23 29	18 21	5 40	1 27
T 24	16 45	23 50	0 26	22 25	1 12	19 53	0 58	27 9	3 57	12 26	0 56	9 33	1 49	14 40	0 42	21 40	0 35	13 37	16 44	23 30	23 29	18 22	5 40	1 27
F 25	16 28	22 22	0s49	22 14	1 18	19 36	1 0	27 8	3 56	12 21	0 56	9 30	1 49	14 39	0 42	21 40	0 35	13 36	16 43	23 30	23 29	18 24	5 41	1 27
S 26	16 10	19 35	2 0	22 2	1 24	19 19	1 1	27 7	3 54	12 16	0 56	9 27	1 49	14 38	0 42	21 40	0 35	13 36	16 43	23 30	23 29	18 25	5 42	1 27
S 27	15 52	15 46	3 3	21 48	1 29	19 0	1 3	27 6	3 53	12 11	0 56	9 25	1 49	14 37	0 42	21 41	0 35	13 35	16 43	23 30	23 29	18 27	5 43	1 27
M28	15 33	11 13	3 55	21 34	1 34	18 42	1 5	27 6	3 52	12 6	0 56	9 22	1 49	14 35	0 42	21 41	0 35	13 34	16 43	23 30	23 29	18 29	5 44	1 27
T 29	15 15	6 15	4 34	21 17	1 38	18 22	1 6	27 4	3 50	12 1	0 56	9 19	1 49	14 34	0 42	21 41	0 35	13 34	16 42	23 30	23 29	18 30	5 44	1 27
W30	14 56	1 7	4 58	21 0	1 43	18 3	1 8	27 3	3 49	11 56	0 56	9 17	1 49	14 33	0 42	21 41	0 35	13 33	16 42	23 30	23 29	18 32	5 45	1 26
T 31	14s37	3s56	5s 6	20s41	1s47	17s42	1s 9	27n 2	3n47	11s51	0s56	9s14	1s49	14s32	0s42	21n41	0s35	13s32	16s42	23s29	23s29	18s33	5n46	1n26

Julian Day Number = 2299248.5, Delta T = 114.77 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'16, Lahiri = 18°02'16 Julian Calendar 1 Jan. 1583 == Greg. Calendar 11 Jan. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

FEBRUARY 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 21 32	21♒45'42	10♎26	7♒ 2	15♒28	7°R53	1♓43	10♓53	23♒ 4	18°R 7	4♈26	29°R 9	28♐ 7	10♏23	11♈16	F 1
S 2	9 25 29	22°46'14	22°32	8°39	16°43	7♋50	1°57	11° 0	23° 8	18♋ 6	4°27	29♐ 3	28° 4	10°30	11°18	S 2
S 3	9 29 25	23°46'45	4♏27	10°16	17°58	7°48	2°12	11° 7	23°11	18° 5	4°28	28°58	28° 1	10°36	11°21	S 3
M 4	9 33 22	24°47'14	16°18	11°54	19°13	7°46	2°26	11°14	23°15	18° 3	4°29	28°56	27°57	10°43	11°24	M 4
T 5	9 37 18	25°47'42	28° 8	13°33	20°28	7°46	2°40	11°21	23°18	18° 2	4°30	28°D56	27°54	10°50	11°27	T 5
W 6	9 41 15	26°48'09	10♐ 3	15°13	21°43	7°D46	2°55	11°29	23°22	18° 1	4°32	28°56	27°51	10°56	11°30	W 6
T 7	9 45 11	27°48'34	22° 9	16°54	22°58	7°46	3° 9	11°36	23°25	18° 0	4°33	28°57	27°48	11° 3	11°32	T 7
F 8	9 49 8	28°48'58	4♑30	18°36	24°13	7°48	3°24	11°43	23°29	17°58	4°34	28°R57	27°45	11°10	11°35	F 8
S 9	9 53 5	29°49'21	17°11	20°19	25°28	7°50	3°38	11°50	23°32	17°57	4°35	28°55	27°42	11°16	11°38	S 9
S 10	9 57 1	0♓49'42	0♒15	22° 3	26°43	7°53	3°53	11°58	23°35	17°56	4°36	28°51	27°38	11°23	11°41	S 10
M11	10 0 58	1°50'01	13°43	23°48	27°58	7°56	4° 7	12° 5	23°39	17°55	4°38	28°45	27°35	11°30	11°44	M11
T 12	10 4 54	2°50'19	27°34	25°34	29°13	8° 1	4°22	12°12	23°42	17°54	4°39	28°36	27°32	11°37	11°47	T 12
W13	10 8 51	3°50'34	11♓44	27°21	0♓28	8° 6	4°36	12°20	23°46	17°53	4°40	28°25	27°29	11°43	11°50	W13
T 14	10 12 47	4°50'48	26° 9	29° 8	1°43	8°11	4°51	12°27	23°49	17°52	4°42	28°14	27°26	11°50	11°54	T 14
F 15	10 16 44	5°51'00	10♈41	0♓57	2°58	8°17	5° 5	12°34	23°53	17°51	4°43	28° 4	27°23	11°57	11°57	F 15
S 16	10 20 40	6°51'10	25°14	2°48	4°13	8°24	5°20	12°42	23°56	17°50	4°44	27°56	27°19	12° 3	12° 0	S 16
S 17	10 24 37	7°51'18	9♉42	4°39	5°28	8°32	5°34	12°49	23°59	17°49	4°45	27°51	27°16	12°10	12° 3	S 17
M18	10 28 34	8°51'24	24° 0	6°31	6°43	8°40	5°49	12°56	24° 3	17°48	4°47	27°48	27°13	12°17	12° 6	M18
T 19	10 32 30	9°51'28	8♊ 7	8°24	7°58	8°49	6° 3	13° 4	24° 6	17°47	4°48	27°D47	27°10	12°23	12°10	T 19
W20	10 36 27	10°51'30	22° 1	10°18	9°13	8°58	6°18	13°11	24°10	17°46	4°49	27°R47	27° 7	12°30	12°13	W20
T 21	10 40 23	11°51'29	5♋42	12°13	10°28	9° 8	6°32	13°18	24°13	17°45	4°51	27°47	27° 3	12°37	12°16	T 21
F 22	10 44 20	12°51'26	19°12	14° 9	11°42	9°19	6°47	13°26	24°16	17°44	4°52	27°46	27° 0	12°43	12°20	F 22
S 23	10 48 16	13°51'21	2♌31	16° 5	12°57	9°30	7° 1	13°33	24°20	17°43	4°54	27°41	26°57	12°50	12°23	S 23
S 24	10 52 13	14°51'14	15°40	18° 3	14°12	9°42	7°16	13°41	24°23	17°43	4°55	27°34	26°54	12°57	12°26	S 24
M25	10 56 9	15°51'04	28°38	20° 1	15°27	9°54	7°30	13°48	24°26	17°42	4°56	27°24	26°51	13° 3	12°30	M25
T 26	11 0 6	16°50'53	11♍24	21°59	16°42	10° 6	7°45	13°55	24°29	17°41	4°58	27°12	26°48	13°10	12°33	T 26
W27	11 4 3	17°50'39	23°59	23°58	17°56	10°20	7°59	14° 3	24°33	17°40	4°59	26°58	26°44	13°17	12°37	W27
T 28	11 7 59	18♓50'23	6♎22	25♓57	19♓11	10♋33	8♓13	14♓10	24♒36	17♋40	5♈ 1	26♐45	26♐41	13♏23	12♈40	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s17	8s45	5s 1	20s20	1s50	17s21	1s10	27n 1	3n46	11s46	0s56	9s11	1s49	14s31	0s42	21n42	0s35	13s32	16s42	23s29	23s29	18s35	5n47	1n26	F 1
S 2	13 57	13 8	4 41	19 58	1 54	17 0	1 12	27 0	3 44	11 41	0 56	9 8	1 49	14 30	0 42	21 42	0 35	13 31	16 41	23 29	23 29	18 37	5 48	1 26	S 2
S 3	13 37	16 57	4 10	19 35	1 57	16 38	1 13	26 58	3 43	11 36	0 56	9 6	1 49	14 29	0 42	21 42	0 35	13 30	16 41	23 29	23 29	18 38	5 49	1 26	S 3
M 4	13 17	20 4	3 28	19 10	1 59	16 16	1 14	26 57	3 41	11 30	0 56	9 3	1 49	14 27	0 42	21 42	0 35	13 30	16 41	23 29	23 29	18 40	5 50	1 26	M 4
T 5	12 57	22 21	2 37	18 44	2 2	15 53	1 15	26 55	3 40	11 25	0 56	9 0	1 49	14 26	0 42	21 42	0 34	13 29	16 41	23 29	23 29	18 41	5 51	1 26	T 5
W 6	12 36	23 39	1 40	18 16	2 4	15 30	1 16	26 54	3 38	11 20	0 56	8 58	1 49	14 25	0 42	21 43	0 34	13 28	16 40	23 29	23 29	18 43	5 52	1 26	W 6
T 7	12 16	23 52	0 36	17 47	2 5	15 7	1 18	26 52	3 36	11 15	0 56	8 55	1 49	14 24	0 42	21 43	0 34	13 28	16 40	23 29	23 29	18 44	5 53	1 25	T 7
F 8	11 55	22 55	0n30	17 17	2 6	14 43	1 19	26 50	3 35	11 10	0 56	8 52	1 49	14 23	0 42	21 43	0 34	13 27	16 40	23 29	23 28	18 46	5 54	1 25	F 8
S 9	11 34	20 48	1 36	16 45	2 7	14 18	1 19	26 48	3 33	11 4	0 56	8 49	1 49	14 22	0 42	21 43	0 34	13 26	16 40	23 29	23 28	18 47	5 55	1 25	S 9
S 10	11 12	17 33	2 39	16 12	2 7	13 54	1 20	26 47	3 32	10 59	0 56	8 46	1 49	14 21	0 42	21 43	0 34	13 26	16 40	23 29	23 28	18 49	5 56	1 25	S 10
M11	10 51	13 19	3 35	15 37	2 7	13 28	1 21	26 45	3 30	10 54	0 57	8 44	1 49	14 20	0 42	21 43	0 34	13 25	16 39	23 29	23 28	18 50	5 57	1 25	M11
T 12	10 29	8 17	4 20	15 1	2 6	13 3	1 22	26 43	3 28	10 49	0 57	8 41	1 49	14 18	0 42	21 44	0 34	13 24	16 39	23 29	23 28	18 52	5 58	1 25	T 12
W13	10 7	2 42	4 50	14 23	2 5	12 37	1 23	26 41	3 27	10 43	0 57	8 38	1 49	14 17	0 42	21 44	0 34	13 24	16 39	23 29	23 28	18 54	5 59	1 25	W13
T 14	9 45	3n 5	5 2	13 44	2 4	12 11	1 23	26 39	3 25	10 38	0 57	8 35	1 49	14 16	0 42	21 44	0 34	13 23	16 39	23 29	23 28	18 55	6 1	1 25	T 14
F 15	9 23	8 46	4 55	13 3	2 2	11 44	1 24	26 37	3 23	10 33	0 57	8 32	1 49	14 15	0 42	21 44	0 34	13 22	16 39	23 29	23 28	18 57	6 2	1 24	F 15
S 16	9 1	13 57	4 29	12 21	1 59	11 18	1 24	26 35	3 22	10 27	0 57	8 30	1 49	14 14	0 42	21 44	0 34	13 22	16 38	23 29	23 28	18 58	6 3	1 24	S 16
S 17	8 39	18 19	3 46	11 38	1 56	10 50	1 25	26 33	3 20	10 22	0 57	8 27	1 49	14 13	0 42	21 44	0 34	13 21	16 38	23 29	23 28	19 0	6 4	1 24	S 17
M18	8 16	21 33	2 49	10 53	1 53	10 23	1 25	26 31	3 18	10 17	0 57	8 24	1 49	14 12	0 42	21 45	0 34	13 20	16 38	23 29	23 28	19 1	6 5	1 24	M18
T 19	7 53	23 24	1 42	10 7	1 48	9 55	1 25	26 28	3 17	10 12	0 57	8 21	1 49	14 11	0 42	21 45	0 34	13 20	16 38	23 28	23 28	19 3	6 6	1 24	T 19
W20	7 31	23 46	0 31	9 19	1 44	9 27	1 26	26 26	3 15	10 6	0 57	8 18	1 49	14 9	0 42	21 45	0 34	13 19	16 38	23 28	23 28	19 4	6 7	1 24	W20
T 21	7 8	22 40	0s42	8 31	1 39	8 59	1 26	26 24	3 14	10 1	0 57	8 16	1 50	14 8	0 42	21 45	0 34	13 18	16 38	23 28	23 28	19 5	6 9	1 24	T 21
F 22	6 45	20 17	1 51	7 41	1 33	8 31	1 26	26 21	3 12	9 56	0 57	8 13	1 50	14 7	0 42	21 45	0 34	13 18	16 38	23 28	23 28	19 7	6 10	1 24	F 22
S 23	6 22	16 50	2 53	6 50	1 27	8 2	1 26	26 19	3 10	9 50	0 57	8 10	1 50	14 6	0 42	21 45	0 34	13 17	16 37	23 28	23 27	19 8	6 11	1 24	S 23
S 24	5 59	12 36	3 45	5 57	1 20	7 33	1 26	26 16	3 9	9 45	0 57	8 7	1 50	14 5	0 42	21 45	0 34	13 16	16 37	23 28	23 27	19 10	6 12	1 23	S 24
M25	5 36	7 51	4 24	5 4	1 12	7 4	1 26	26 14	3 7	9 40	0 57	8 4	1 50	14 4	0 42	21 46	0 34	13 16	16 37	23 28	23 27	19 11	6 14	1 23	M25
T 26	5 12	2 51	4 49	4 10	1 4	6 35	1 26	26 11	3 6	9 34	0 57	8 2	1 50	14 3	0 42	21 46	0 34	13 15	16 37	23 28	23 27	19 13	6 15	1 23	T 26
W27	4 49	2s11	5 0	3 15	0 56	6 5	1 26	26 9	3 4	9 29	0 57	7 59	1 50	14 2	0 42	21 46	0 34	13 15	16 37	23 28	23 27	19 14	6 16	1 23	W27
T 28	4s26	7s 3	4s56	2s19	0s46	5s36	1s25	26n 6	3n 2	9s24	0s58	7s56	1s50	14s 1	0s42	21n46	0s34	13s14	16s37	23s27	23s27	19s16	6n17	1n23	T 28

Julian Day Number = 2299279.5, Delta T = 114.63 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'20, Lahiri = 18°02'21 Julian Calendar 1 Feb. 1583 == Greg. Calendar 11 Feb. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

MARCH 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 11 56	19♓50'06	18♎33	27♓55	20♓26	10♋48	8♓28	14♓17	24♒39	17°R39	5♈ 2	26°R32	26♐38	13♏30	12♈43	F 1
S 2	11 15 52	20°49'47	0♏34	29°54	21°41	11° 2	8°42	14°25	24°42	17♋39	5° 3	26♐21	26°35	13°37	12°47	S 2
S 3	11 19 49	21°49'26	12°28	1♈52	22°55	11°17	8°56	14°32	24°45	17°38	5° 5	26°13	26°32	13°43	12°51	S 3
M 4	11 23 45	22°49'03	24°17	3°48	24°10	11°33	9°11	14°39	24°49	17°38	5° 6	26° 8	26°29	13°50	12°54	M 4
T 5	11 27 42	23°48'38	6♐ 6	5°44	25°25	11°49	9°25	14°47	24°52	17°37	5° 8	26° 6	26°25	13°57	12°58	T 5
W 6	11 31 38	24°48'11	18° 0	7°37	26°39	12° 5	9°39	14°54	24°55	17°37	5° 9	26° 5	26°22	14° 4	13° 1	W 6
T 7	11 35 35	25°47'43	0♑ 3	9°29	27°54	12°22	9°54	15° 1	24°58	17°36	5°11	26° 5	26°19	14°10	13° 5	T 7
F 8	11 39 32	26°47'13	12°23	11°18	29° 9	12°40	10° 8	15° 9	25° 1	17°36	5°12	26° 4	26°16	14°17	13° 8	F 8
S 9	11 43 28	27°46'41	25° 3	13° 4	0♈23	12°57	10°22	15°16	25° 4	17°35	5°13	26° 2	26°13	14°24	13°12	S 9
S 10	11 47 25	28°46'08	8♒ 8	14°46	1°38	13°15	10°36	15°23	25° 7	17°35	5°15	25°58	26° 9	14°30	13°16	S 10
M11	11 51 21	29°45'32	21°41	16°25	2°52	13°34	10°50	15°30	25°10	17°35	5°16	25°51	26° 6	14°37	13°19	M11
T 12	11 55 18	0♈44'55	5♓41	17°59	4° 7	13°53	11° 4	15°38	25°13	17°34	5°18	25°42	26° 3	14°44	13°23	T 12
W13	11 59 14	1°44'16	20° 7	19°28	5°22	14°12	11°18	15°45	25°16	17°34	5°19	25°30	26° 0	14°50	13°27	W13
T 14	12 3 11	2°43'34	4♈53	20°53	6°36	14°32	11°32	15°52	25°19	17°34	5°21	25°19	25°57	14°57	13°30	T 14
F 15	12 7 7	3°42'51	19°49	22°12	7°51	14°52	11°46	15°59	25°22	17°34	5°22	25° 8	25°54	15° 4	13°34	F 15
S 16	12 11 4	4°42'05	4♉47	23°25	9° 5	15°12	12° 0	16° 6	25°25	17°34	5°24	24°59	25°50	15°10	13°38	S 16
S 17	12 15 0	5°41'17	19°38	24°33	10°19	15°33	12°14	16°13	25°28	17°34	5°25	24°52	25°47	15°17	13°41	S 17
M18	12 18 57	6°40'27	4♊15	25°34	11°34	15°54	12°28	16°21	25°31	17°34	5°27	24°49	25°44	15°24	13°45	M18
T 19	12 22 54	7°39'35	18°33	26°29	12°48	16°15	12°42	16°28	25°33	17°D34	5°28	24°48	25°41	15°30	13°49	T 19
W20	12 26 50	8°38'41	2♋32	27°17	14° 3	16°37	12°56	16°35	25°36	17°34	5°29	24°48	25°38	15°37	13°53	W20
T 21	12 30 47	9°37'44	16°11	27°59	15°17	16°59	13°10	16°42	25°39	17°34	5°31	24°47	25°34	15°44	13°56	T 21
F 22	12 34 43	10°36'44	29°32	28°34	16°31	17°21	13°23	16°49	25°42	17°34	5°32	24°46	25°31	15°50	14° 0	F 22
S 23	12 38 40	11°35'42	12♌37	29° 2	17°46	17°44	13°37	16°56	25°44	17°34	5°34	24°43	25°28	15°57	14° 4	S 23
S 24	12 42 36	12°34'38	25°28	29°23	19° 0	18° 7	13°51	17° 3	25°47	17°34	5°35	24°36	25°25	16° 4	14° 7	S 24
M25	12 46 33	13°33'32	8♍ 7	29°37	20°14	18°30	14° 4	17° 9	25°49	17°34	5°37	24°27	25°22	16°10	14°11	M25
T 26	12 50 29	14°32'23	20°36	29°45	21°29	18°53	14°18	17°16	25°52	17°34	5°38	24°16	25°19	16°17	14°15	T 26
W27	12 54 26	15°31'12	2♎55	29°R46	22°43	19°17	14°31	17°23	25°55	17°34	5°40	24° 4	25°15	16°24	14°19	W27
T 28	12 58 23	16°30'00	15° 5	29°41	23°57	19°41	14°45	17°30	25°57	17°35	5°41	23°51	25°12	16°30	14°22	T 28
F 29	13 2 19	17°28'45	27° 7	29°30	25°11	20° 5	14°58	17°37	25°59	17°35	5°42	23°40	25° 9	16°37	14°26	F 29
S 30	13 6 16	18°27'28	9♏ 2	29°13	26°25	20°30	15°11	17°43	26° 2	17°35	5°44	23°30	25° 6	16°44	14°30	S 30
S 31	13 10 12	19♈26'10	20♏53	28♈50	27♈40	20♋54	15♓24	17♓50	26♒ 4	17♋36	5♈45	23♐22	25♐ 3	16♏50	14♈34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s 2	11s34	4s39	1s23	0s37	5s 6	1s25	26n 3	3n 1	9s18	0s58	7s53	1s50	14s 0	0s42	21n46	0s34	13s13	16s37	23s27	23s27	19s17	6n19	1n23
S 2	3 39	15 35	4 9	0 27	0 26	4 36	1 25	26 1	2 59	9 13	0 58	7 50	1 50	13 59	0 42	21 46	0 34	13 13	16 37	23 27	23 27	19 18	6 20	1 23
S 3	3 15	18 55	3 29	0n30	0 16	4 6	1 24	25 58	2 58	9 8	0 58	7 48	1 50	13 58	0 42	21 46	0 34	13 12	16 37	23 26	23 27	19 20	6 21	1 23
M 4	2 51	21 28	2 40	1 27	0 5	3 36	1 24	25 55	2 56	9 2	0 58	7 45	1 50	13 57	0 42	21 46	0 34	13 11	16 37	23 26	23 27	19 21	6 22	1 23
T 5	2 28	23 5	1 44	2 23	0n 7	3 6	1 23	25 52	2 55	8 57	0 58	7 42	1 50	13 55	0 42	21 46	0 34	13 11	16 36	23 26	23 27	19 23	6 24	1 22
W 6	2 4	23 40	0 43	3 19	0 19	2 36	1 22	25 49	2 53	8 52	0 58	7 39	1 50	13 54	0 42	21 46	0 34	13 10	16 36	23 26	23 27	19 24	6 25	1 22
T 7	1 40	23 9	0n21	4 14	0 31	2 5	1 22	25 46	2 52	8 46	0 58	7 36	1 50	13 53	0 42	21 47	0 34	13 9	16 36	23 26	23 27	19 26	6 26	1 22
F 8	1 17	21 30	1 25	5 8	0 43	1 35	1 21	25 43	2 50	8 41	0 58	7 34	1 50	13 52	0 42	21 47	0 34	13 9	16 36	23 26	23 26	19 27	6 28	1 22
S 9	0 53	18 46	2 27	6 1	0 55	1 4	1 20	25 40	2 49	8 36	0 58	7 31	1 50	13 51	0 42	21 47	0 34	13 8	16 36	23 26	23 26	19 28	6 29	1 22
S 10	0 29	15 1	3 23	6 52	1 8	0 34	1 19	25 36	2 47	8 31	0 58	7 28	1 51	13 50	0 42	21 47	0 34	13 8	16 36	23 26	23 26	19 30	6 30	1 22
M11	0 6	10 22	4 9	7 42	1 20	0 3	1 18	25 33	2 46	8 25	0 59	7 25	1 51	13 49	0 42	21 47	0 34	13 7	16 36	23 26	23 26	19 31	6 32	1 22
T 12	0n18	5 4	4 43	8 29	1 32	0n27	1 17	25 30	2 44	8 20	0 59	7 23	1 51	13 48	0 42	21 47	0 34	13 6	16 36	23 25	23 26	19 32	6 33	1 22
W13	0 42	0n40	4 59	9 14	1 44	0 58	1 16	25 26	2 43	8 15	0 59	7 20	1 51	13 47	0 42	21 47	0 34	13 6	16 36	23 25	23 26	19 34	6 34	1 22
T 14	1 5	6 28	4 56	9 57	1 55	1 29	1 15	25 23	2 42	8 9	0 59	7 17	1 51	13 46	0 42	21 47	0 33	13 5	16 36	23 25	23 26	19 35	6 36	1 22
F 15	1 29	11 59	4 33	10 37	2 6	1 59	1 14	25 19	2 40	8 4	0 59	7 15	1 51	13 45	0 42	21 47	0 33	13 5	16 36	23 24	23 26	19 37	6 37	1 22
S 16	1 52	16 47	3 52	11 14	2 17	2 30	1 13	25 15	2 39	7 59	0 59	7 12	1 51	13 45	0 42	21 47	0 33	13 4	16 36	23 24	23 26	19 38	6 38	1 21
S 17	2 16	20 29	2 55	11 48	2 27	3 0	1 11	25 11	2 37	7 54	0 59	7 9	1 51	13 44	0 42	21 47	0 33	13 4	16 36	23 24	23 26	19 39	6 40	1 21
M18	2 39	22 47	1 47	12 19	2 36	3 31	1 10	25 8	2 36	7 49	0 59	7 7	1 51	13 43	0 42	21 47	0 33	13 3	16 36	23 23	23 25	19 41	6 41	1 21
T 19	3 3	23 33	0 33	12 47	2 44	4 1	1 9	25 4	2 35	7 43	0 59	7 4	1 51	13 42	0 42	21 47	0 33	13 2	16 36	23 23	23 25	19 42	6 43	1 21
W20	3 26	22 47	0s41	13 11	2 51	4 31	1 7	25 0	2 33	7 38	1 0	7 1	1 52	13 41	0 42	21 47	0 33	13 2	16 36	23 23	23 25	19 43	6 44	1 21
T 21	3 49	20 41	1 51	13 32	2 58	5 1	1 6	24 55	2 32	7 33	1 0	6 59	1 52	13 40	0 42	21 47	0 33	13 1	16 36	23 23	23 25	19 45	6 45	1 21
F 22	4 13	17 28	2 53	13 50	3 3	5 31	1 4	24 51	2 31	7 28	1 0	6 56	1 52	13 39	0 42	21 47	0 33	13 1	16 36	23 23	23 25	19 46	6 47	1 21
S 23	4 36	13 28	3 45	14 4	3 7	6 1	1 3	24 47	2 29	7 23	1 0	6 53	1 52	13 38	0 43	21 47	0 33	13 0	16 36	23 23	23 25	19 47	6 48	1 21
S 24	4 59	8 55	4 24	14 14	3 10	6 31	1 1	24 43	2 28	7 17	1 0	6 51	1 52	13 37	0 43	21 47	0 33	13 0	16 36	23 23	23 25	19 49	6 49	1 21
M25	5 22	4 4	4 50	14 20	3 11	7 1	0 59	24 38	2 27	7 12	1 0	6 48	1 52	13 36	0 43	21 47	0 33	12 59	16 36	23 23	23 25	19 50	6 51	1 21
T 26	5 45	0s53	5 1	14 23	3 11	7 30	0 58	24 33	2 25	7 7	1 0	6 46	1 52	13 36	0 43	21 47	0 33	12 59	16 36	23 22	23 25	19 51	6 52	1 21
W27	6 7	5 43	4 58	14 23	3 10	8 0	0 56	24 29	2 24	7 2	1 0	6 43	1 52	13 35	0 43	21 47	0 33	12 58	16 36	23 22	23 24	19 52	6 54	1 21
T 28	6 30	10 17	4 42	14 18	3 7	8 29	0 54	24 24	2 23	6 57	1 1	6 41	1 52	13 34	0 43	21 47	0 33	12 58	16 36	23 21	23 24	19 54	6 55	1 21
F 29	6 53	14 23	4 13	14 10	3 3	8 58	0 52	24 19	2 22	6 52	1 1	6 38	1 53	13 33	0 43	21 47	0 33	12 57	16 37	23 20	23 24	19 55	6 56	1 20
S 30	7 15	17 54	3 33	13 59	2 57	9 26	0 50	24 14	2 20	6 47	1 1	6 35	1 53	13 32	0 43	21 47	0 33	12 57	16 37	23 20	23 24	19 56	6 58	1 20
S 31	7n37	20s39	2s44	13n44	2n50	9n55	0s48	24n 9	2n19	6s42	1s 1	6s33	1s53	13s32	0s43	21n47	0s33	12s56	16s37	23s20	23s24	19s58	6n59	1n20

Julian Day Number = 2299307.5, Delta T = 114.50 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'24, Lahiri = 18°02'25 Julian Calendar 1 March 1583 == Greg. Calendar 11 March 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

APRIL 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 14 9	20♈24'49	2♐41	28°R23	28♈54	21♋19	15♓38	17♓57	26♒ 7	17♋36	5♈47	23°R18	25♐ 0	16♏57	14♈37	M 1
T 2	13 18 5	21°23'27	14°30	27♈52	0♉ 8	21°44	15°51	18° 3	26° 9	17°37	5°48	23♐16	24°56	17° 4	14°41	T 2
W 3	13 22 2	22°22'03	26°24	27°17	1°22	22°10	16° 4	18°10	26°11	17°37	5°50	23°D15	24°53	17°10	14°45	W 3
T 4	13 25 58	23°20'37	8♊27	26°39	2°36	22°36	16°17	18°16	26°14	17°38	5°51	23°16	24°50	17°17	14°48	T 4
F 5	13 29 55	24°19'10	20°44	26° 0	3°50	23° 1	16°30	18°23	26°16	17°38	5°52	23°R17	24°47	17°24	14°52	F 5
S 6	13 33 52	25°17'41	3♒21	25°18	5° 4	23°28	16°43	18°29	26°18	17°39	5°54	23°16	24°44	17°30	14°56	S 6
S 7	13 37 48	26°16'10	16°23	24°37	6°18	23°54	16°56	18°36	26°20	17°39	5°55	23°14	24°40	17°37	14°59	S 7
M 8	13 41 45	27°14'38	29°52	23°55	7°32	24°20	17° 8	18°42	26°22	17°40	5°57	23°10	24°37	17°44	15° 3	M 8
T 9	13 45 41	28°13'04	13♓51	23°15	8°46	24°47	17°21	18°48	26°24	17°41	5°58	23° 4	24°34	17°51	15° 7	T 9
W10	13 49 38	29°11'29	28°18	22°36	10° 0	25°14	17°34	18°55	26°26	17°41	5°59	22°56	24°31	17°57	15°10	W10
T 11	13 53 34	0♉ 9'51	13♈ 8	21°59	11°14	25°41	17°46	19° 1	26°28	17°42	6° 1	22°48	24°28	18° 4	15°14	T 11
F 12	13 57 31	1° 8'12	28°15	21°25	12°28	26° 8	17°59	19° 7	26°30	17°43	6° 2	22°40	24°25	18°11	15°18	F 12
S 13	14 1 27	2° 6'31	13♉27	20°54	13°42	26°36	18°11	19°13	26°32	17°44	6° 3	22°34	24°21	18°17	15°21	S 13
S 14	14 5 24	3° 4'49	28°36	20°28	14°56	27° 4	18°23	19°19	26°34	17°44	6° 5	22°30	24°18	18°24	15°25	S 14
M15	14 9 21	4° 3'04	13♊31	20° 5	16°10	27°32	18°36	19°25	26°36	17°45	6° 6	22°28	24°15	18°31	15°29	M15
T 16	14 13 17	5° 1'18	28° 6	19°47	17°23	28° 0	18°48	19°31	26°37	17°46	6° 7	22°D28	24°12	18°37	15°32	T 16
W17	14 17 14	5°59'29	12♋17	19°33	18°37	28°28	19° 0	19°37	26°39	17°47	6° 9	22°29	24° 9	18°44	15°36	W17
T 18	14 21 10	6°57'39	26° 4	19°24	19°51	28°56	19°12	19°43	26°41	17°48	6°10	22°30	24° 6	18°51	15°39	T 18
F 19	14 25 7	7°55'46	9♌27	19°D19	21° 5	29°25	19°24	19°48	26°42	17°49	6°11	22°R30	24° 2	18°57	15°43	F 19
S 20	14 29 3	8°53'52	22°28	19°20	22°19	29°54	19°36	19°54	26°44	17°50	6°12	22°29	23°59	19° 4	15°46	S 20
S 21	14 33 0	9°51'55	5♍12	19°25	23°32	0♌23	19°47	20° 0	26°46	17°51	6°14	22°26	23°56	19°11	15°50	S 21
M22	14 36 56	10°49'56	17°41	19°35	24°46	0°52	19°59	20° 5	26°47	17°52	6°15	22°22	23°53	19°17	15°53	M22
T 23	14 40 53	11°47'56	29°57	19°49	26° 0	1°21	20°11	20°11	26°49	17°53	6°16	22°16	23°50	19°24	15°57	T 23
W24	14 44 50	12°45'54	12♎ 4	20° 8	27°13	1°50	20°22	20°16	26°50	17°54	6°17	22° 9	23°46	19°31	16° 0	W24
T 25	14 48 46	13°43'50	24° 4	20°31	28°27	2°20	20°33	20°22	26°51	17°55	6°19	22° 1	23°43	19°37	16° 4	T 25
F 26	14 52 43	14°41'44	5♏58	20°59	29°41	2°50	20°45	20°27	26°53	17°57	6°20	21°55	23°40	19°44	16° 7	F 26
S 27	14 56 39	15°39'37	17°49	21°31	0♊54	3°20	20°56	20°32	26°54	17°58	6°21	21°49	23°37	19°51	16°10	S 27
S 28	15 0 36	16°37'28	29°38	22° 7	2° 8	3°49	21° 7	20°37	26°55	17°59	6°22	21°46	23°34	19°57	16°14	S 28
M29	15 4 32	17°35'18	11♐27	22°46	3°21	4°20	21°18	20°42	26°56	18° 0	6°23	21°43	23°31	20° 4	16°17	M29
T 30	15 8 29	18♉33'07	23♐19	23♈30	4♊35	4♌50	21♓29	20♓48	26♒57	18♋ 2	6♈24	21°D43	23♐27	20♏11	16♈20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 0	22s30	1s48	13n26	2n42	10n23	0s46	24n 4	2n18	6s37	1s 1	6s31	1s53	13s31	0s43	21n47	0s33	12s56	16s37	23s19	23s24	19s59	7n 1	1n20
T 2	8 22	23 22	0 47	13 6	2 31	10 51	0 44	23 59	2 17	6 32	1 1	6 28	1 53	13 30	0 43	21 47	0 33	12 55	16 37	23 19	23 24	20 0	7 2	1 20
W 3	8 44	23 10	0n17	12 42	2 20	11 19	0 42	23 54	2 15	6 27	1 1	6 26	1 53	13 29	0 43	21 47	0 33	12 55	16 37	23 19	23 24	20 1	7 3	1 20
T 4	9 5	21 53	1 21	12 17	2 7	11 47	0 40	23 48	2 14	6 22	1 1	6 23	1 53	13 29	0 43	21 47	0 33	12 54	16 37	23 19	23 24	20 3	7 5	1 20
F 5	9 27	19 33	2 22	11 50	1 54	12 14	0 38	23 43	2 13	6 17	1 2	6 21	1 54	13 28	0 43	21 47	0 33	12 54	16 37	23 19	23 23	20 4	7 6	1 20
S 6	9 48	16 14	3 18	11 21	1 39	12 41	0 36	23 37	2 12	6 12	1 2	6 18	1 54	13 27	0 43	21 47	0 33	12 53	16 37	23 19	23 23	20 5	7 7	1 20
S 7	10 10	12 3	4 6	10 51	1 23	13 8	0 33	23 31	2 11	6 7	1 2	6 16	1 54	13 26	0 43	21 47	0 33	12 53	16 37	23 19	23 23	20 6	7 9	1 20
M 8	10 31	7 9	4 42	10 21	1 7	13 34	0 31	23 25	2 10	6 3	1 2	6 14	1 54	13 26	0 43	21 47	0 33	12 53	16 38	23 19	23 23	20 7	7 10	1 20
T 9	10 52	1 43	5 2	9 50	0 51	14 0	0 29	23 19	2 8	5 58	1 2	6 11	1 54	13 25	0 43	21 47	0 33	12 52	16 38	23 19	23 23	20 9	7 12	1 20
W10	11 13	3n59	5 5	9 20	0 34	14 26	0 27	23 13	2 7	5 53	1 2	6 9	1 54	13 24	0 43	21 47	0 33	12 52	16 38	23 18	23 23	20 10	7 13	1 20
T 11	11 33	9 36	4 47	8 50	0 17	14 51	0 24	23 7	2 6	5 48	1 3	6 7	1 54	13 24	0 43	21 47	0 33	12 51	16 38	23 18	23 23	20 11	7 14	1 20
F 12	11 54	14 45	4 10	8 22	0s 0	15 16	0 22	23 1	2 5	5 44	1 3	6 4	1 55	13 23	0 43	21 47	0 33	12 51	16 38	23 17	23 22	20 12	7 16	1 20
S 13	12 14	19 0	3 14	7 55	0 17	15 40	0 20	22 55	2 4	5 39	1 3	6 2	1 55	13 23	0 43	21 47	0 33	12 51	16 38	23 17	23 22	20 14	7 17	1 20
S 14	12 34	21 55	2 5	7 30	0 34	16 5	0 17	22 48	2 3	5 34	1 3	6 0	1 55	13 22	0 43	21 47	0 33	12 50	16 38	23 17	23 22	20 15	7 18	1 20
M15	12 54	23 16	0 48	7 6	0 49	16 28	0 15	22 41	2 2	5 29	1 3	5 58	1 55	13 21	0 43	21 46	0 33	12 50	16 39	23 17	23 22	20 16	7 20	1 19
T 16	13 13	22 58	0s30	6 45	1 5	16 52	0 12	22 35	2 1	5 25	1 3	5 56	1 55	13 21	0 43	21 46	0 33	12 49	16 39	23 17	23 22	20 17	7 21	1 19
W17	13 33	21 11	1 45	6 26	1 20	17 15	0 10	22 28	2 0	5 20	1 4	5 53	1 56	13 20	0 43	21 46	0 32	12 49	16 39	23 17	23 22	20 18	7 22	1 19
T 18	13 52	18 11	2 52	6 10	1 34	17 37	0 7	22 21	1 58	5 16	1 4	5 51	1 56	13 20	0 43	21 46	0 32	12 49	16 39	23 17	23 22	20 19	7 24	1 19
F 19	14 11	14 17	3 47	5 56	1 47	17 59	0 5	22 14	1 57	5 11	1 4	5 49	1 56	13 19	0 43	21 46	0 32	12 48	16 39	23 17	23 22	20 21	7 25	1 19
S 20	14 30	9 49	4 28	5 45	1 59	18 21	0 3	22 7	1 56	5 7	1 4	5 47	1 56	13 19	0 43	21 46	0 32	12 48	16 39	23 17	23 21	20 22	7 26	1 19
S 21	14 48	5 2	4 56	5 36	2 11	18 42	0 0	21 59	1 55	5 2	1 4	5 45	1 56	13 18	0 43	21 46	0 32	12 48	16 40	23 17	23 21	20 23	7 28	1 19
M22	15 7	0 9	5 8	5 30	2 21	19 3	0n 2	21 52	1 54	4 58	1 4	5 43	1 56	13 18	0 43	21 46	0 32	12 48	16 40	23 16	23 21	20 24	7 29	1 19
T 23	15 25	4s40	5 7	5 26	2 31	19 23	0 5	21 45	1 53	4 53	1 5	5 41	1 57	13 17	0 44	21 46	0 32	12 47	16 40	23 16	23 21	20 25	7 30	1 19
W24	15 42	9 15	4 51	5 25	2 40	19 42	0 7	21 37	1 52	4 49	1 5	5 39	1 57	13 17	0 44	21 46	0 32	12 47	16 40	23 16	23 21	20 26	7 32	1 19
T 25	16 0	13 26	4 23	5 27	2 48	20 1	0 10	21 29	1 51	4 45	1 5	5 37	1 57	13 16	0 44	21 45	0 32	12 47	16 40	23 15	23 21	20 28	7 33	1 19
F 26	16 17	17 3	3 43	5 31	2 54	20 20	0 12	21 21	1 50	4 40	1 5	5 35	1 57	13 16	0 44	21 45	0 32	12 46	16 41	23 15	23 20	20 29	7 34	1 19
S 27	16 34	19 58	2 54	5 37	3 1	20 38	0 15	21 14	1 49	4 36	1 5	5 33	1 57	13 15	0 44	21 45	0 32	12 46	16 41	23 14	23 20	20 30	7 35	1 19
S 28	16 51	22 2	1 58	5 45	3 6	20 55	0 17	21 5	1 48	4 32	1 6	5 32	1 58	13 15	0 44	21 45	0 32	12 46	16 41	23 14	23 20	20 31	7 37	1 19
M29	17 7	23 8	0 56	5 56	3 10	21 12	0 20	20 57	1 47	4 28	1 6	5 30	1 58	13 15	0 44	21 45	0 32	12 46	16 41	23 14	23 20	20 32	7 38	1 19
T 30	17n23	23s11	0n 9	6n 9	3s14	21n28	0n22	20n49	1n46	4s24	1s 6	5s28	1s58	13s14	0s44	21n45	0s32	12s45	16s42	23s14	23s20	20s33	7n39	1n19

Julian Day Number = 2299338.5, Delta T = 114.35 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'28, Lahiri = 18°02'29 Julian Calendar 1 Apr. 1583 == Greg. Calendar 11 Apr. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

MAY 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 12 25	19♉30'54	5♋17	24♈17	5♊48	5♌20	21♓40	20♓53	26♒59	18♋ 3	6♈26	21♐44	23♐24	20♏17	16♈24	W 1
T 2	15 16 22	20°28'40	17°24	25° 7	7° 2	5°51	21°51	20°57	27° 0	18° 4	6°27	21°45	23°21	20°24	16°27	T 2
F 3	15 20 19	21°26'25	29°45	26° 1	8°15	6°21	22° 1	21° 2	27° 1	18° 6	6°28	21°47	23°18	20°31	16°30	F 3
S 4	15 24 15	22°24'09	12♒23	26°58	9°29	6°52	22°12	21° 7	27° 2	18° 7	6°29	21°48	23°15	20°37	16°33	S 4
S 5	15 28 12	23°21'51	25°21	27°59	10°42	7°23	22°22	21°12	27° 2	18° 9	6°30	21°R48	23°12	20°44	16°36	S 5
M 6	15 32 8	24°19'33	8♓45	29° 2	11°55	7°54	22°32	21°16	27° 3	18°10	6°31	21°48	23° 8	20°51	16°39	M 6
T 7	15 36 5	25°17'13	22°36	0♉ 8	13° 9	8°25	22°43	21°21	27° 4	18°11	6°32	21°46	23° 5	20°57	16°43	T 7
W 8	15 40 1	26°14'52	6♈53	1°18	14°22	8°56	22°53	21°26	27° 5	18°13	6°33	21°43	23° 2	21° 4	16°46	W 8
T 9	15 43 58	27°12'31	21°34	2°30	15°35	9°28	23° 3	21°30	27° 6	18°14	6°34	21°40	22°59	21°11	16°49	T 9
F 10	15 47 54	28°10'08	6♉35	3°45	16°49	9°59	23°13	21°34	27° 6	18°16	6°35	21°37	22°56	21°17	16°52	F 10
S 11	15 51 51	29° 7'44	21°46	5° 2	18° 2	10°31	23°22	21°39	27° 7	18°18	6°36	21°34	22°52	21°24	16°55	S 11
S 12	15 55 48	0♊ 5'20	6♊57	6°23	19°15	11° 3	23°32	21°43	27° 7	18°19	6°37	21°32	22°49	21°31	16°58	S 12
M13	15 59 44	1° 2'54	22° 0	7°46	20°29	11°35	23°41	21°47	27° 8	18°21	6°38	21°D32	22°46	21°37	17° 1	M13
T 14	16 3 41	2° 0'27	6♋46	9°11	21°42	12° 6	23°51	21°51	27° 8	18°22	6°39	21°32	22°43	21°44	17° 3	T 14
W15	16 7 37	2°57'58	21°10	10°39	22°55	12°39	24° 0	21°55	27° 9	18°24	6°40	21°34	22°40	21°51	17° 6	W15
T 16	16 11 34	3°55'28	5♌ 7	12°10	24° 8	13°11	24° 9	21°59	27° 9	18°26	6°41	21°35	22°37	21°57	17° 9	T 16
F 17	16 15 30	4°52'57	18°38	13°43	25°21	13°43	24°18	22° 2	27° 9	18°27	6°42	21°36	22°33	22° 4	17°12	F 17
S 18	16 19 27	5°50'25	1♍44	15°19	26°34	14°15	24°27	22° 6	27°10	18°29	6°42	21°R36	22°30	22°11	17°15	S 18
S 19	16 23 23	6°47'51	14°28	16°57	27°48	14°48	24°36	22°10	27°10	18°31	6°43	21°36	22°27	22°17	17°17	S 19
M20	16 27 20	7°45'16	26°54	18°38	29° 1	15°21	24°44	22°13	27°10	18°33	6°44	21°36	22°24	22°24	17°20	M20
T 21	16 31 17	8°42'39	9♎ 5	20°21	0♋14	15°53	24°53	22°17	27°10	18°34	6°45	21°34	22°21	22°31	17°23	T 21
W22	16 35 13	9°40'02	21° 6	22° 7	1°27	16°26	25° 1	22°20	27°10	18°36	6°46	21°33	22°17	22°37	17°25	W22
T 23	16 39 10	10°37'24	3♏ 0	23°55	2°40	16°59	25° 9	22°23	27°R10	18°38	6°46	21°31	22°14	22°44	17°28	T 23
F 24	16 43 6	11°34'44	14°49	25°46	3°53	17°32	25°18	22°26	27°10	18°40	6°47	21°30	22°11	22°51	17°30	F 24
S 25	16 47 3	12°32'04	26°38	27°39	5° 6	18° 5	25°26	22°29	27°10	18°42	6°48	21°28	22° 8	22°57	17°33	S 25
S 26	16 50 59	13°29'23	8♐28	29°35	6°18	18°38	25°33	22°32	27°10	18°44	6°49	21°28	22° 5	23° 4	17°35	S 26
M27	16 54 56	14°26'41	20°22	1♊32	7°31	19°11	25°41	22°35	27°10	18°46	6°49	21°D28	22° 2	23°11	17°38	M27
T 28	16 58 52	15°23'59	2♑22	3°32	8°44	19°45	25°48	22°38	27°10	18°48	6°50	21°28	21°58	23°17	17°40	T 28
W29	17 2 49	16°21'16	14°30	5°34	9°57	20°18	25°56	22°41	27° 9	18°49	6°51	21°28	21°55	23°24	17°42	W29
T 30	17 6 46	17°18'32	26°47	7°38	11°10	20°52	26° 3	22°43	27° 9	18°51	6°51	21°29	21°52	23°31	17°45	T 30
F 31	17 10 42	18♊15'48	9♒18	9♊43	12♋23	21♌25	26♓10	22♓46	27♒ 9	18♋53	6♈52	21♐29	21♐49	23♏37	17♈47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17n39	22s10	1n14	6n23	3s17	21n44	0n25	20n41	1n45	4s20	1s 6	5s26	1s58	13s14	0s44	21n45	0s32	12s45	16s42	23s14	23s20	20s34	7n40	1n19	W 1
T 2	17 55	20 6	2 16	6 40	3 18	21 59	0 27	20 32	1 44	4 16	1 6	5 24	1 58	13 14	0 44	21 44	0 32	12 45	16 42	23 14	23 20	20 35	7 42	1 19	T 2
F 3	18 10	17 6	3 14	6 58	3 20	22 13	0 30	20 24	1 43	4 12	1 7	5 23	1 59	13 13	0 44	21 44	0 32	12 45	16 42	23 14	23 19	20 36	7 43	1 19	F 3
S 4	18 25	13 14	4 3	7 18	3 20	22 27	0 32	20 15	1 42	4 8	1 7	5 21	1 59	13 13	0 44	21 44	0 32	12 45	16 43	23 14	23 19	20 37	7 44	1 19	S 4
S 5	18 39	8 40	4 42	7 40	3 20	22 40	0 35	20 6	1 41	4 4	1 7	5 19	1 59	13 13	0 44	21 44	0 32	12 44	16 43	23 14	23 19	20 39	7 45	1 19	S 5
M 6	18 54	3 34	5 6	8 3	3 19	22 53	0 37	19 57	1 40	4 0	1 7	5 18	1 59	13 13	0 44	21 44	0 32	12 44	16 43	23 14	23 19	20 40	7 46	1 19	M 6
T 7	19 8	1n52	5 14	8 28	3 17	23 5	0 40	19 48	1 39	3 56	1 7	5 16	2 0	13 12	0 44	21 44	0 32	12 44	16 43	23 14	23 19	20 41	7 47	1 19	T 7
W 8	19 21	7 23	5 3	8 54	3 15	23 16	0 42	19 39	1 38	3 52	1 8	5 14	2 0	13 12	0 44	21 43	0 32	12 44	16 44	23 14	23 19	20 42	7 49	1 19	W 8
T 9	19 35	12 38	4 33	9 22	3 12	23 27	0 44	19 29	1 38	3 48	1 8	5 13	2 0	13 12	0 44	21 43	0 32	12 44	16 44	23 14	23 18	20 43	7 50	1 19	T 9
F 10	19 48	17 15	3 43	9 51	3 8	23 37	0 47	19 20	1 37	3 45	1 8	5 11	2 0	13 12	0 44	21 43	0 32	12 44	16 44	23 14	23 18	20 44	7 51	1 19	F 10
S 11	20 1	20 46	2 37	10 21	3 4	23 46	0 49	19 11	1 36	3 41	1 8	5 10	2 0	13 12	0 44	21 43	0 32	12 44	16 44	23 13	23 18	20 45	7 52	1 19	S 11
S 12	20 13	22 50	1 20	10 52	2 59	23 54	0 51	19 1	1 35	3 37	1 9	5 8	2 1	13 11	0 44	21 43	0 32	12 43	16 45	23 13	23 18	20 46	7 53	1 18	S 12
M13	20 25	23 12	0s 3	11 24	2 53	24 2	0 53	18 51	1 34	3 34	1 9	5 7	2 1	13 11	0 44	21 42	0 32	12 43	16 45	23 13	23 18	20 47	7 54	1 18	M13
T 14	20 37	21 56	1 23	11 57	2 47	24 10	0 56	18 41	1 33	3 30	1 9	5 6	2 1	13 11	0 44	21 42	0 32	12 43	16 45	23 13	23 18	20 48	7 55	1 18	T 14
W15	20 48	19 15	2 37	12 31	2 41	24 16	0 58	18 31	1 32	3 27	1 9	5 4	2 1	13 11	0 44	21 42	0 32	12 43	16 46	23 13	23 17	20 49	7 56	1 18	W15
T 16	20 59	15 30	3 38	13 5	2 33	24 22	1 0	18 21	1 31	3 23	1 10	5 3	2 2	13 11	0 44	21 42	0 32	12 43	16 46	23 13	23 17	20 50	7 57	1 18	T 16
F 17	21 9	11 4	4 26	13 40	2 26	24 27	1 2	18 11	1 30	3 20	1 10	5 2	2 2	13 11	0 44	21 42	0 32	12 43	16 46	23 14	23 17	20 51	7 59	1 18	F 17
S 18	21 20	6 15	4 58	14 16	2 18	24 31	1 4	18 1	1 29	3 17	1 10	5 1	2 2	13 11	0 45	21 41	0 32	12 43	16 47	23 14	23 17	20 52	8 0	1 18	S 18
S 19	21 30	1 18	5 14	14 52	2 9	24 35	1 6	17 50	1 28	3 14	1 10	4 59	2 2	13 11	0 45	21 41	0 32	12 43	16 47	23 14	23 17	20 53	8 1	1 18	S 19
M20	21 39	3s35	5 15	15 29	2 0	24 38	1 8	17 40	1 28	3 10	1 11	4 58	2 3	13 11	0 45	21 41	0 32	12 43	16 47	23 14	23 16	20 54	8 2	1 18	M20
T 21	21 48	8 14	5 2	16 6	1 51	24 40	1 10	17 29	1 27	3 7	1 11	4 57	2 3	13 11	0 45	21 41	0 32	12 43	16 48	23 13	23 16	20 55	8 3	1 18	T 21
W22	21 57	12 30	4 36	16 43	1 41	24 41	1 12	17 19	1 26	3 4	1 11	4 56	2 3	13 11	0 45	21 41	0 32	12 43	16 48	23 13	23 16	20 56	8 4	1 18	W22
T 23	22 5	16 15	3 58	17 19	1 31	24 42	1 14	17 8	1 25	3 1	1 11	4 55	2 3	13 11	0 45	21 40	0 32	12 43	16 48	23 13	23 16	20 57	8 5	1 18	T 23
F 24	22 13	19 20	3 10	17 56	1 21	24 42	1 16	16 57	1 24	2 58	1 12	4 54	2 4	13 11	0 45	21 40	0 32	12 43	16 48	23 13	23 16	20 58	8 5	1 18	F 24
S 25	22 21	21 37	2 13	18 32	1 10	24 41	1 18	16 46	1 23	2 55	1 12	4 53	2 4	13 11	0 45	21 40	0 32	12 43	16 49	23 13	23 16	20 59	8 6	1 18	S 25
S 26	22 28	22 57	1 11	19 8	0 59	24 40	1 19	16 35	1 22	2 52	1 12	4 52	2 4	13 11	0 45	21 40	0 32	12 43	16 49	23 13	23 15	21 0	8 7	1 18	S 26
M27	22 35	23 15	0 6	19 43	0 48	24 38	1 21	16 24	1 22	2 49	1 12	4 51	2 4	13 11	0 45	21 39	0 31	12 43	16 49	23 13	23 15	21 1	8 8	1 18	M27
T 28	22 41	22 28	1n 0	20 18	0 37	24 35	1 23	16 12	1 21	2 47	1 13	4 50	2 5	13 11	0 45	21 39	0 31	12 43	16 50	23 13	23 15	21 2	8 9	1 18	T 28
W29	22 48	20 38	2 4	20 51	0 26	24 31	1 24	16 1	1 20	2 44	1 13	4 49	2 5	13 11	0 45	21 39	0 31	12 43	16 50	23 13	23 15	21 3	8 10	1 18	W29
T 30	22 53	17 50	3 4	21 23	0 15	24 27	1 26	15 49	1 19	2 41	1 13	4 48	2 5	13 11	0 45	21 39	0 31	12 43	16 50	23 13	23 15	21 4	8 11	1 18	T 30
F 31	22n58	14s11	3n56	21n53	0s 4	24n22	1n27	15n38	1n18	2s39	1s13	4s48	2s 5	13s12	0s45	21n38	0s31	12s43	16s51	23s13	23s14	21s 5	8n12	1n18	F 31

Julian Day Number = 2299368.5, Delta T = 114.21 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'32, Lahiri = 18°02'33 Julian Calendar 1 May 1583 == Greg. Calendar 11 May 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

JUNE 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 14 39	19♊13'03	22♒ 3	11♊51	13♋35	21♌59	26♓17	22♓48	27°R 8	18♋55	6♈52	21♐29	21♐46	23♏44	17♈49	S 1
S 2	17 18 35	20°10'19	5♓ 6	13°59	14°48	22°33	26°24	22°51	27♒ 8	18°57	6°53	21°29	21°43	23°51	17°51	S 2
M 3	17 22 32	21° 7'33	18°28	16° 9	16° 1	23° 7	26°30	22°53	27° 7	18°59	6°54	21°29	21°39	23°57	17°53	M 3
T 4	17 26 28	22° 4'48	2♈12	18°20	17°14	23°41	26°37	22°55	27° 7	19° 1	6°54	21°29	21°36	24° 4	17°55	T 4
W 5	17 30 25	23° 2'03	16°18	20°31	18°26	24°15	26°43	22°57	27° 6	19° 3	6°55	21°29	21°33	24°11	17°57	W 5
T 6	17 34 21	23°59'17	0♉44	22°42	19°39	24°49	26°49	22°59	27° 6	19° 5	6°55	21°30	21°30	24°17	17°59	T 6
F 7	17 38 18	24°56'31	15°27	24°54	20°51	25°23	26°55	23° 1	27° 5	19° 7	6°55	21°30	21°27	24°24	18° 1	F 7
S 8	17 42 15	25°53'45	0♊22	27° 5	22° 4	25°57	27° 1	23° 3	27° 4	19°10	6°56	21°30	21°23	24°31	18° 3	S 8
S 9	17 46 11	26°51'00	15°21	29°16	23°17	26°32	27° 7	23° 5	27° 3	19°12	6°56	21°R30	21°20	24°37	18° 5	S 9
M10	17 50 8	27°48'13	0♋17	1♋26	24°29	27° 6	27°12	23° 6	27° 3	19°14	6°57	21°30	21°17	24°44	18° 7	M10
T 11	17 54 4	28°45'27	15° 1	3°35	25°42	27°41	27°18	23° 8	27° 2	19°16	6°57	21°30	21°14	24°51	18° 8	T 11
W12	17 58 1	29°42'40	29°27	5°43	26°54	28°15	27°23	23° 9	27° 1	19°18	6°57	21°29	21°11	24°57	18°10	W12
T 13	18 1 57	0♋39'53	13♌30	7°50	28° 7	28°50	27°28	23°10	27° 0	19°20	6°58	21°28	21° 8	25° 4	18°12	T 13
F 14	18 5 54	1°37'05	27° 7	9°55	29°19	29°25	27°33	23°11	26°59	19°22	6°58	21°27	21° 4	25°11	18°13	F 14
S 15	18 9 50	2°34'17	10♍19	11°59	0♌31	29°59	27°37	23°13	26°58	19°24	6°58	21°26	21° 1	25°17	18°15	S 15
S 16	18 13 47	3°31'29	23° 7	14° 0	1°44	0♍35	27°42	23°13	26°57	19°27	6°59	21°25	20°58	25°24	18°16	S 16
M17	18 17 44	4°28'40	5♎34	16° 0	2°56	1°10	27°46	23°14	26°56	19°29	6°59	21°D25	20°55	25°30	18°18	M17
T 18	18 21 40	5°25'51	17°45	17°59	4° 8	1°45	27°50	23°15	26°54	19°31	6°59	21°26	20°52	25°37	18°19	T 18
W19	18 25 37	6°23'01	29°44	19°55	5°20	2°20	27°54	23°16	26°53	19°33	6°59	21°26	20°49	25°44	18°21	W19
T 20	18 29 33	7°20'12	11♏36	21°49	6°33	2°55	27°58	23°16	26°52	19°35	7° 0	21°28	20°45	25°50	18°22	T 20
F 21	18 33 30	8°17'22	23°24	23°41	7°45	3°31	28° 1	23°17	26°51	19°37	7° 0	21°29	20°42	25°57	18°23	F 21
S 22	18 37 26	9°14'32	5♐14	25°32	8°57	4° 6	28° 5	23°17	26°49	19°40	7° 0	21°30	20°39	26° 4	18°24	S 22
S 23	18 41 23	10°11'42	17° 8	27°20	10° 9	4°41	28° 8	23°18	26°48	19°42	7° 0	21°R31	20°36	26°10	18°25	S 23
M24	18 45 19	11° 8'53	29° 9	29° 7	11°21	5°17	28°11	23°18	26°46	19°44	7° 0	21°31	20°33	26°17	18°26	M24
T 25	18 49 16	12° 6'03	11♑20	0♌51	12°33	5°52	28°14	23°R18	26°45	19°46	7° 0	21°30	20°29	26°24	18°27	T 25
W26	18 53 13	13° 3'14	23°42	2°33	13°45	6°28	28°17	23°18	26°44	19°48	7° 0	21°28	20°26	26°30	18°28	W26
T 27	18 57 9	14° 0'24	6♒16	4°14	14°57	7° 4	28°19	23°18	26°42	19°51	7° 0	21°25	20°23	26°37	18°29	T 27
F 28	19 1 6	14°57'36	19° 4	5°52	16° 9	7°40	28°21	23°17	26°40	19°53	7°R 0	21°21	20°20	26°44	18°30	F 28
S 29	19 5 2	15°54'47	2♓ 5	7°29	17°21	8°16	28°23	23°17	26°39	19°55	7° 0	21°18	20°17	26°50	18°31	S 29
S 30	19 8 59	16♋51'59	15♓21	9♌ 3	18♌32	8♍51	28♓25	23♓17	26♒37	19♋57	7♈ 0	21♐15	20♐14	26♏57	18♈32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 3	9s49	4n37	22n22	0n 7	24n16	1n29	15n26	1n17	2s36	1s14	4s47	2s 6	13s12	0s45	21n38	0s31	12s43	16s51	23s13	23s14	21s 6	8n13	1n18
S 2	23 8	4 56	5 5	22 49	0 17	24 10	1 30	15 14	1 17	2 34	1 14	4 46	2 6	13 12	0 45	21 38	0 31	12 43	16 52	23 13	23 14	21 7	8 13	1 18
M 3	23 12	0n18	5 17	23 14	0 28	24 3	1 31	15 2	1 16	2 32	1 14	4 46	2 6	13 12	0 45	21 38	0 31	12 44	16 52	23 13	23 14	21 7	8 14	1 18
T 4	23 15	5 39	5 12	23 36	0 38	23 55	1 33	14 50	1 15	2 29	1 14	4 45	2 6	13 12	0 45	21 37	0 31	12 44	16 52	23 13	23 14	21 8	8 15	1 18
W 5	23 19	10 51	4 49	23 56	0 47	23 46	1 34	14 38	1 14	2 27	1 15	4 44	2 7	13 13	0 45	21 37	0 31	12 44	16 53	23 13	23 13	21 9	8 16	1 18
T 6	23 21	15 36	4 6	24 14	0 56	23 37	1 35	14 26	1 13	2 25	1 15	4 44	2 7	13 13	0 45	21 37	0 31	12 44	16 53	23 13	23 13	21 10	8 16	1 18
F 7	23 24	19 29	3 7	24 28	1 5	23 27	1 36	14 13	1 12	2 23	1 15	4 43	2 7	13 13	0 45	21 37	0 31	12 44	16 53	23 13	23 13	21 11	8 17	1 18
S 8	23 26	22 9	1 55	24 40	1 13	23 17	1 37	14 1	1 12	2 21	1 16	4 43	2 7	13 14	0 45	21 36	0 31	12 44	16 54	23 13	23 13	21 12	8 18	1 18
S 9	23 27	23 15	0 34	24 50	1 20	23 5	1 38	13 49	1 11	2 19	1 16	4 42	2 8	13 14	0 45	21 36	0 31	12 44	16 54	23 13	23 13	21 13	8 19	1 18
M10	23 28	22 41	0s49	24 56	1 27	22 53	1 39	13 36	1 10	2 17	1 16	4 42	2 8	13 14	0 45	21 36	0 31	12 45	16 54	23 13	23 12	21 14	8 19	1 18
T 11	23 29	20 33	2 7	24 59	1 33	22 41	1 39	13 23	1 9	2 15	1 16	4 42	2 8	13 14	0 45	21 35	0 31	12 45	16 55	23 13	23 12	21 15	8 20	1 18
W12	23 30	17 7	3 15	25 0	1 38	22 28	1 40	13 11	1 8	2 13	1 17	4 41	2 8	13 15	0 45	21 35	0 31	12 45	16 55	23 13	23 12	21 15	8 21	1 18
T 13	23 29	12 48	4 10	24 58	1 42	22 14	1 41	12 58	1 8	2 11	1 17	4 41	2 9	13 15	0 45	21 35	0 31	12 45	16 55	23 13	23 12	21 16	8 21	1 18
F 14	23 29	7 58	4 49	24 53	1 46	22 0	1 41	12 45	1 7	2 10	1 17	4 41	2 9	13 16	0 46	21 35	0 31	12 45	16 56	23 13	23 11	21 17	8 22	1 18
S 15	23 28	2 55	5 11	24 46	1 49	21 44	1 42	12 32	1 6	2 8	1 18	4 41	2 9	13 16	0 46	21 34	0 31	12 46	16 56	23 13	23 11	21 18	8 22	1 18
S 16	23 27	2s 7	5 17	24 36	1 51	21 29	1 42	12 19	1 5	2 7	1 18	4 41	2 10	13 16	0 46	21 34	0 31	12 46	16 57	23 13	23 11	21 19	8 23	1 18
M17	23 25	6 55	5 7	24 24	1 53	21 13	1 43	12 5	1 4	2 5	1 18	4 41	2 10	13 17	0 46	21 34	0 31	12 46	16 57	23 13	23 11	21 20	8 23	1 18
T 18	23 23	11 21	4 44	24 10	1 54	20 56	1 43	11 52	1 4	2 4	1 18	4 40	2 10	13 17	0 46	21 33	0 31	12 46	16 57	23 13	23 11	21 21	8 24	1 18
W19	23 20	15 17	4 9	23 53	1 54	20 38	1 43	11 39	1 3	2 2	1 19	4 40	2 10	13 18	0 46	21 33	0 31	12 47	16 58	23 13	23 10	21 21	8 25	1 18
T 20	23 17	18 34	3 23	23 35	1 53	20 21	1 43	11 25	1 2	2 1	1 19	4 40	2 11	13 18	0 46	21 33	0 31	12 47	16 58	23 13	23 10	21 22	8 25	1 18
F 21	23 14	21 4	2 29	23 15	1 52	20 2	1 43	11 12	1 1	2 0	1 19	4 41	2 11	13 19	0 46	21 33	0 31	12 47	16 58	23 13	23 10	21 23	8 25	1 18
S 22	23 10	22 41	1 29	22 53	1 50	19 43	1 43	10 58	1 1	1 59	1 20	4 41	2 11	13 19	0 46	21 32	0 31	12 47	16 59	23 13	23 10	21 24	8 26	1 18
S 23	23 6	23 16	0 24	22 30	1 48	19 23	1 43	10 44	1 0	1 58	1 20	4 41	2 11	13 20	0 46	21 32	0 31	12 48	16 59	23 13	23 10	21 25	8 26	1 18
M24	23 1	22 47	0n42	22 5	1 45	19 3	1 43	10 31	0 59	1 57	1 20	4 41	2 12	13 20	0 46	21 32	0 31	12 48	16 59	23 13	23 9	21 25	8 27	1 18
T 25	22 56	21 14	1 47	21 39	1 41	18 43	1 42	10 17	0 58	1 56	1 21	4 41	2 12	13 21	0 46	21 31	0 31	12 48	17 0	23 13	23 9	21 26	8 27	1 18
W26	22 51	18 39	2 48	21 12	1 37	18 22	1 42	10 3	0 58	1 55	1 21	4 41	2 12	13 21	0 46	21 31	0 31	12 49	17 0	23 13	23 9	21 27	8 27	1 18
T 27	22 45	15 10	3 42	20 44	1 32	18 0	1 42	9 49	0 57	1 55	1 21	4 42	2 13	13 22	0 46	21 31	0 31	12 49	17 1	23 13	23 9	21 28	8 28	1 18
F 28	22 39	10 56	4 26	20 15	1 27	17 38	1 41	9 35	0 56	1 54	1 21	4 42	2 13	13 22	0 46	21 30	0 31	12 49	17 1	23 13	23 8	21 29	8 28	1 18
S 29	22 33	6 8	4 57	19 45	1 21	17 16	1 40	9 21	0 55	1 54	1 22	4 42	2 13	13 23	0 46	21 30	0 31	12 50	17 1	23 12	23 8	21 29	8 28	1 18
S 30	22n26	0s59	5n12	19n14	1n15	16n53	1n40	9n 7	0n55	1s53	1s22	4s43	2s13	13s23	0s46	21n30	0s31	12s50	17s 2	23s12	23s 8	21s30	8n29	1n18

Julian Day Number = 2299399.5, Delta T = 114.07 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'37, Lahiri = 18°02'37 Julian Calendar 1 June 1583 == Greg. Calendar 11 June 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

JULY 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 12 55	17♋49'12	28♓51	10♌36	19♌44	9♍27	28♓27	23°R16	26°R36	20♋ 0	7°R 0	21°R12	20♐10	27♏ 4	18♈32	M 1
T 2	19 16 52	18°46'26	12♈36	12° 6	20°56	10° 4	28°28	23♓16	26♒34	20° 2	7♈ 0	21°D11	20° 7	27°10	18°33	T 2
W 3	19 20 48	19°43'40	26°34	13°34	22° 8	10°40	28°30	23°15	26°32	20° 4	7° 0	21♐11	20° 4	27°17	18°34	W 3
T 4	19 24 45	20°40'55	10♉46	15° 1	23°19	11°16	28°31	23°14	26°30	20° 6	7° 0	21°12	20° 1	27°24	18°34	T 4
F 5	19 28 42	21°38'11	25°10	16°25	24°31	11°52	28°32	23°13	26°29	20° 8	7° 0	21°13	19°58	27°30	18°35	F 5
S 6	19 32 38	22°35'28	9♊43	17°47	25°42	12°29	28°33	23°12	26°27	20°11	7° 0	21°15	19°55	27°37	18°35	S 6
S 7	19 36 35	23°32'46	24°20	19° 7	26°54	13° 5	28°33	23°11	26°25	20°13	6°59	21°R15	19°51	27°44	18°36	S 7
M 8	19 40 31	24°30'04	8♋56	20°25	28° 5	13°41	28°33	23°10	26°23	20°15	6°59	21°14	19°48	27°50	18°36	M 8
T 9	19 44 28	25°27'23	23°25	21°41	29°17	14°18	28°R34	23° 8	26°21	20°17	6°59	21°11	19°45	27°57	18°36	T 9
W10	19 48 24	26°24'43	7♌41	22°54	0♍28	14°55	28°34	23° 7	26°19	20°20	6°59	21° 7	19°42	28° 4	18°36	W10
T 11	19 52 21	27°22'03	21°39	24° 5	1°40	15°31	28°33	23° 6	26°17	20°22	6°58	21° 2	19°39	28°10	18°36	T 11
F 12	19 56 18	28°19'24	5♍15	25°14	2°51	16° 8	28°33	23° 4	26°15	20°24	6°58	20°56	19°35	28°17	18°37	F 12
S 13	20 0 14	29°16'45	18°27	26°20	4° 2	16°45	28°32	23° 2	26°13	20°26	6°58	20°50	19°32	28°24	18°R37	S 13
S 14	20 4 11	0♎14'07	1♎17	27°23	5°13	17°22	28°31	23° 0	26°11	20°28	6°57	20°46	19°29	28°30	18°37	S 14
M15	20 8 7	1°11'30	13°46	28°24	6°25	17°59	28°30	22°59	26° 9	20°31	6°57	20°42	19°26	28°37	18°37	M15
T 16	20 12 4	2° 8'53	25°57	29°22	7°36	18°36	28°29	22°57	26° 7	20°33	6°57	20°41	19°23	28°44	18°36	T 16
W17	20 16 0	3° 6'17	7♏56	0♍16	8°47	19°13	28°28	22°54	26° 5	20°35	6°56	20°D41	19°20	28°50	18°36	W17
T 18	20 19 57	4° 3'41	19°48	1° 8	9°58	19°50	28°26	22°52	26° 3	20°37	6°56	20°42	19°16	28°57	18°36	T 18
F 19	20 23 53	5° 1'06	1♐37	1°57	11° 8	20°27	28°24	22°50	26° 0	20°39	6°55	20°43	19°13	29° 4	18°36	F 19
S 20	20 27 50	5°58'32	13°28	2°42	12°19	21° 5	28°22	22°48	25°58	20°42	6°55	20°44	19°10	29°10	18°35	S 20
S 21	20 31 47	6°55'59	25°26	3°24	13°30	21°42	28°20	22°45	25°56	20°44	6°54	20°R44	19° 7	29°17	18°35	S 21
M22	20 35 43	7°53'27	7♑35	4° 2	14°41	22°19	28°17	22°43	25°54	20°46	6°54	20°43	19° 4	29°23	18°34	M22
T 23	20 39 40	8°50'55	19°58	4°36	15°52	22°57	28°15	22°40	25°52	20°48	6°53	20°39	19° 1	29°30	18°34	T 23
W24	20 43 36	9°48'25	2♒36	5° 5	17° 2	23°34	28°12	22°38	25°49	20°50	6°53	20°34	18°57	29°37	18°33	W24
T 25	20 47 33	10°45'55	15°30	5°31	18°13	24°12	28° 9	22°35	25°47	20°52	6°52	20°26	18°54	29°43	18°33	T 25
F 26	20 51 29	11°43'27	28°40	5°52	19°23	24°50	28° 6	22°32	25°45	20°54	6°52	20°18	18°51	29°50	18°32	F 26
S 27	20 55 26	12°41'00	12♓ 5	6° 8	20°33	25°27	28° 3	22°29	25°42	20°56	6°51	20° 9	18°48	29°57	18°31	S 27
S 28	20 59 22	13°38'34	25°42	6°20	21°44	26° 5	27°59	22°26	25°40	20°59	6°51	20° 1	18°45	0♐ 3	18°31	S 28
M29	21 3 19	14°36'09	9♈29	6°26	22°54	26°43	27°55	22°23	25°38	21° 1	6°50	19°55	18°41	0°10	18°30	M29
T 30	21 7 15	15°33'46	23°24	6°R27	24° 4	27°21	27°51	22°20	25°35	21° 3	6°49	19°51	18°38	0°17	18°29	T 30
W31	21 11 12	16♌31'25	7♉26	6♍22	25♍14	27♍59	27♓47	22♓17	25♒33	21♋ 5	6♈49	19♐49	18♐35	0♐23	18♈28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n18	4n18	5n11	18n42	1n 8	16n30	1n39	8n52	0n54	1s53	1s22	4s43	2s14	13s24	0s46	21n29	0s31	12s50	17s 2	23s12	23s 8	21s31	8n29	1n18
T 2	22 10	9 28	4 52	18 10	1 1	16 6	1 38	8 38	0 53	1 52	1 23	4 44	2 14	13 25	0 46	21 29	0 31	12 51	17 2	23 12	23 7	21 32	8 29	1 18
W 3	22 2	14 15	4 16	17 38	0 53	15 42	1 37	8 23	0 52	1 52	1 23	4 44	2 14	13 25	0 46	21 29	0 31	12 51	17 3	23 12	23 7	21 32	8 29	1 18
T 4	21 54	18 19	3 24	17 5	0 45	15 17	1 36	8 9	0 52	1 52	1 23	4 45	2 14	13 26	0 46	21 28	0 31	12 51	17 3	23 12	23 7	21 33	8 30	1 18
F 5	21 45	21 20	2 18	16 32	0 37	14 52	1 35	7 54	0 51	1 52	1 24	4 45	2 15	13 27	0 46	21 28	0 31	12 52	17 4	23 12	23 7	21 34	8 30	1 18
S 6	21 36	23 0	1 3	15 59	0 28	14 27	1 34	7 40	0 50	1 52	1 24	4 46	2 15	13 27	0 46	21 28	0 31	12 52	17 4	23 12	23 6	21 35	8 30	1 18
S 7	21 26	23 5	0s17	15 25	0 19	14 1	1 32	7 25	0 49	1 52	1 24	4 47	2 15	13 28	0 46	21 28	0 31	12 53	17 4	23 12	23 6	21 35	8 30	1 18
M 8	21 16	21 36	1 35	14 52	0 9	13 35	1 31	7 10	0 49	1 52	1 25	4 48	2 15	13 28	0 46	21 27	0 31	12 53	17 5	23 12	23 6	21 36	8 30	1 18
T 9	21 6	18 43	2 47	14 18	0s 0	13 9	1 30	6 56	0 48	1 52	1 25	4 48	2 16	13 29	0 46	21 27	0 31	12 53	17 5	23 12	23 6	21 37	8 30	1 18
W10	20 55	14 44	3 46	13 45	0 11	12 42	1 28	6 41	0 47	1 53	1 25	4 49	2 16	13 30	0 46	21 27	0 31	12 54	17 5	23 12	23 6	21 38	8 30	1 18
T 11	20 44	10 2	4 31	13 12	0 21	12 15	1 26	6 26	0 46	1 53	1 25	4 50	2 16	13 31	0 46	21 26	0 31	12 54	17 6	23 11	23 5	21 38	8 31	1 18
F 12	20 33	4 58	4 59	12 39	0 32	11 48	1 25	6 11	0 46	1 53	1 26	4 51	2 16	13 31	0 46	21 26	0 31	12 55	17 6	23 11	23 5	21 39	8 31	1 18
S 13	20 21	0s11	5 11	12 6	0 42	11 20	1 23	5 56	0 45	1 54	1 26	4 52	2 17	13 32	0 46	21 26	0 31	12 55	17 6	23 11	23 5	21 40	8 31	1 18
S 14	20 9	5 11	5 6	11 34	0 53	10 52	1 21	5 41	0 44	1 55	1 26	4 53	2 17	13 33	0 46	21 25	0 31	12 56	17 7	23 10	23 5	21 40	8 31	1 18
M15	19 56	9 50	4 46	11 3	1 5	10 24	1 19	5 26	0 43	1 55	1 27	4 54	2 17	13 33	0 46	21 25	0 31	12 56	17 7	23 10	23 4	21 41	8 31	1 18
T 16	19 44	13 59	4 14	10 32	1 16	9 56	1 17	5 11	0 43	1 56	1 27	4 55	2 17	13 34	0 46	21 25	0 31	12 56	17 7	23 10	23 4	21 42	8 30	1 18
W17	19 30	17 31	3 31	10 2	1 28	9 27	1 15	4 55	0 42	1 57	1 27	4 56	2 18	13 35	0 46	21 24	0 31	12 57	17 8	23 10	23 4	21 42	8 30	1 18
T 18	19 17	20 17	2 40	9 32	1 40	8 58	1 13	4 40	0 41	1 58	1 28	4 57	2 18	13 36	0 46	21 24	0 31	12 57	17 8	23 10	23 4	21 43	8 30	1 18
F 19	19 3	22 12	1 42	9 4	1 52	8 29	1 11	4 25	0 41	1 59	1 28	4 58	2 18	13 36	0 46	21 24	0 31	12 58	17 8	23 10	23 3	21 44	8 30	1 18
S 20	18 49	23 7	0 39	8 37	2 4	8 0	1 8	4 9	0 40	2 0	1 28	4 59	2 18	13 37	0 46	21 23	0 31	12 58	17 9	23 10	23 3	21 44	8 30	1 18
S 21	18 35	22 59	0n25	8 11	2 16	7 31	1 6	3 54	0 39	2 1	1 28	5 0	2 19	13 38	0 47	21 23	0 31	12 59	17 9	23 10	23 3	21 45	8 30	1 18
M22	18 20	21 47	1 30	7 46	2 28	7 1	1 3	3 38	0 38	2 2	1 29	5 1	2 19	13 39	0 47	21 23	0 31	12 59	17 9	23 10	23 2	21 46	8 30	1 18
T 23	18 5	19 31	2 31	7 22	2 39	6 31	1 1	3 23	0 38	2 4	1 29	5 3	2 19	13 39	0 47	21 22	0 31	13 0	17 10	23 10	23 2	21 46	8 30	1 18
W24	17 50	16 17	3 26	7 0	2 51	6 1	0 58	3 7	0 37	2 5	1 29	5 4	2 19	13 40	0 47	21 22	0 31	13 0	17 10	23 9	23 2	21 47	8 29	1 18
T 25	17 34	12 13	4 12	6 40	3 3	5 31	0 55	2 52	0 36	2 6	1 30	5 5	2 20	13 41	0 47	21 22	0 31	13 1	17 10	23 9	23 2	21 47	8 29	1 18
F 26	17 19	7 30	4 45	6 22	3 14	5 1	0 52	2 36	0 36	2 8	1 30	5 7	2 20	13 42	0 47	21 21	0 31	13 1	17 11	23 8	23 1	21 48	8 29	1 18
S 27	17 2	2 22	5 3	6 6	3 26	4 31	0 50	2 21	0 35	2 9	1 30	5 8	2 20	13 43	0 47	21 21	0 31	13 2	17 11	23 8	23 1	21 49	8 29	1 18
S 28	16 46	2n57	5 5	5 51	3 36	4 0	0 47	2 5	0 34	2 11	1 30	5 9	2 20	13 43	0 47	21 21	0 31	13 2	17 11	23 7	23 1	21 49	8 28	1 18
M29	16 29	8 11	4 49	5 40	3 47	3 29	0 44	1 49	0 34	2 13	1 31	5 11	2 20	13 44	0 47	21 20	0 31	13 3	17 12	23 7	23 1	21 50	8 28	1 18
T 30	16 12	13 4	4 16	5 30	3 57	2 59	0 41	1 33	0 33	2 15	1 31	5 12	2 21	13 45	0 47	21 20	0 31	13 3	17 12	23 6	23 0	21 51	8 28	1 18
W31	15n55	17n17	3n27	5n23	4s 6	2n28	0n37	1n18	0n32	2s17	1s31	5s14	2s21	13s46	0s47	21n20	0s31	13s 4	17s12	23s 6	23s 0	21s51	8n27	1n18

Julian Day Number = 2299429.5, Delta T = 113.93 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'41, Lahiri = 18°02'41 Julian Calendar 1 July 1583 == Greg. Calendar 11 July 1583

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1583
geocentric

AUGUST 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 15 9	17♌29'05	21♉32	6°R12	26♍24	28♍37	27°R43	22°R13	25°R31	21♋ 7	6°R48	19°D48	18♐32	0♐30	18°R27	T 1
F 2	21 19 5	18°26'47	5♊42	5♍56	27°34	29°15	27♓39	22♓10	25♒28	21° 9	6♈47	19♐49	18°29	0°37	18♈26	F 2
S 3	21 23 2	19°24'31	19°55	5°35	28°44	29°53	27°34	22° 6	25°26	21°11	6°47	19°R49	18°26	0°43	18°25	S 3
S 4	21 26 58	20°22'16	4♋ 8	5° 8	29°54	0♎32	27°29	22° 3	25°24	21°13	6°46	19°49	18°22	0°50	18°24	S 4
M 5	21 30 55	21°20'03	18°19	4°36	1♎ 4	1°10	27°24	21°59	25°21	21°15	6°45	19°46	18°19	0°57	18°23	M 5
T 6	21 34 51	22°17'52	2♌24	3°58	2°14	1°48	27°19	21°56	25°19	21°17	6°44	19°40	18°16	1° 3	18°21	T 6
W 7	21 38 48	23°15'42	16°19	3°16	3°23	2°27	27°14	21°52	25°16	21°19	6°44	19°32	18°13	1°10	18°20	W 7
T 8	21 42 45	24°13'33	0♍ 1	2°30	4°33	3° 5	27° 9	21°48	25°14	21°21	6°43	19°22	18°10	1°17	18°19	T 8
F 9	21 46 41	25°11'26	13°26	1°40	5°42	3°44	27° 3	21°44	25°12	21°23	6°42	19°11	18° 7	1°23	18°17	F 9
S 10	21 50 38	26° 9'20	26°31	0°47	6°52	4°22	26°57	21°40	25° 9	21°25	6°41	19° 0	18° 3	1°30	18°16	S 10
S 11	21 54 34	27° 7'16	9♎16	29♌53	8° 1	5° 1	26°51	21°36	25° 7	21°26	6°40	18°51	18° 0	1°37	18°14	S 11
M12	21 58 31	28° 5'13	21°43	28°58	9°10	5°40	26°45	21°32	25° 4	21°28	6°39	18°43	17°57	1°43	18°13	M12
T 13	22 2 27	29° 3'12	3♏54	28° 3	10°19	6°19	26°39	21°28	25° 2	21°30	6°38	18°38	17°54	1°50	18°11	T 13
W14	22 6 24	0♍ 1'11	15°52	27°10	11°28	6°58	26°33	21°24	25° 0	21°32	6°38	18°35	17°51	1°56	18°10	W14
T 15	22 10 20	0°59'13	27°43	26°20	12°37	7°36	26°26	21°20	24°57	21°34	6°37	18°D34	17°47	2° 3	18° 8	T 15
F 16	22 14 17	1°57'15	9♐32	25°33	13°46	8°15	26°20	21°16	24°55	21°36	6°36	18°34	17°44	2°10	18° 6	F 16
S 17	22 18 13	2°55'20	21°24	24°52	14°55	8°55	26°13	21°12	24°53	21°37	6°35	18°R34	17°41	2°16	18° 4	S 17
S 18	22 22 10	3°53'25	3♑24	24°16	16° 4	9°34	26° 6	21° 7	24°50	21°39	6°34	18°33	17°38	2°23	18° 3	S 18
M19	22 26 7	4°51'32	15°38	23°47	17°12	10°13	26° 0	21° 3	24°48	21°41	6°33	18°31	17°35	2°30	18° 1	M19
T 20	22 30 3	5°49'41	28° 9	23°26	18°20	10°52	25°53	20°59	24°46	21°43	6°32	18°25	17°32	2°36	17°59	T 20
W21	22 34 0	6°47'51	11♒ 0	23°13	19°29	11°31	25°45	20°54	24°43	21°44	6°31	18°17	17°28	2°43	17°57	W21
T 22	22 37 56	7°46'02	24°12	23°D 8	20°37	12°11	25°38	20°50	24°41	21°46	6°30	18° 7	17°25	2°50	17°55	T 22
F 23	22 41 53	8°44'16	7♓44	23°12	21°45	12°50	25°31	20°45	24°39	21°48	6°29	17°56	17°22	2°56	17°53	F 23
S 24	22 45 49	9°42'31	21°34	23°25	22°53	13°30	25°24	20°41	24°36	21°49	6°28	17°43	17°19	3° 3	17°51	S 24
S 25	22 49 46	10°40'48	5♈37	23°47	24° 1	14° 9	25°16	20°36	24°34	21°51	6°27	17°32	17°16	3°10	17°49	S 25
M26	22 53 42	11°39'06	19°49	24°17	25° 8	14°49	25° 9	20°32	24°32	21°53	6°26	17°23	17°12	3°16	17°46	M26
T 27	22 57 39	12°37'27	4♉ 5	24°56	26°16	15°29	25° 1	20°27	24°30	21°54	6°25	17°17	17° 9	3°23	17°44	T 27
W28	23 1 36	13°35'51	18°20	25°44	27°24	16° 8	24°53	20°23	24°27	21°56	6°24	17°13	17° 6	3°30	17°42	W28
T 29	23 5 32	14°34'16	2♊32	26°39	28°31	16°48	24°45	20°18	24°25	21°57	6°23	17°11	17° 3	3°36	17°40	T 29
F 30	23 9 29	15°32'44	16°40	27°42	29°38	17°28	24°38	20°13	24°23	21°59	6°22	17°11	17° 0	3°43	17°38	F 30
S 31	23 13 25	16♍31'13	0♋41	28♌52	0♏45	18♎ 8	24♓30	20♓ 9	24♒21	22♋ 0	6♈21	17♐11	16♐57	3♐49	17♈35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n38	20n32	2n26	5n19	4s14	1n57	0n34	1n 2	0n31	2s18	1s31	5s15	2s21	13s47	0s47	21n20	0s31	13s 4	17s12	23s 6	23s 0	21s52	8n27	1n18
F 2	15 20	22 32	1 15	5 18	4 21	1 26	0 31	0 46	0 31	2 20	1 32	5 17	2 21	13 47	0 47	21 19	0 31	13 5	17 13	23 6	23 0	21 52	8 26	1 18
S 3	15 2	23 6	0s 0	5 20	4 28	0 55	0 27	0 30	0 30	2 23	1 32	5 18	2 21	13 48	0 47	21 19	0 31	13 6	17 13	23 6	22 59	21 53	8 26	1 18
S 4	14 44	22 10	1 16	5 25	4 33	0 24	0 24	0 14	0 29	2 25	1 32	5 20	2 22	13 49	0 47	21 19	0 31	13 6	17 13	23 6	22 59	21 53	8 25	1 18
M 5	14 25	19 50	2 26	5 33	4 37	0s 7	0 21	0s 2	0 29	2 27	1 32	5 21	2 22	13 50	0 47	21 18	0 31	13 7	17 14	23 6	22 59	21 54	8 25	1 18
T 6	14 7	16 19	3 27	5 45	4 39	0 38	0 17	0 18	0 28	2 29	1 33	5 23	2 22	13 51	0 47	21 18	0 31	13 7	17 14	23 5	22 58	21 55	8 25	1 18
W 7	13 48	11 56	4 14	5 59	4 40	1 9	0 13	0 33	0 27	2 31	1 33	5 25	2 22	13 51	0 47	21 18	0 31	13 8	17 14	23 5	22 58	21 55	8 24	1 18
T 8	13 29	7 1	4 46	6 16	4 39	1 40	0 10	0 49	0 27	2 34	1 33	5 26	2 22	13 52	0 47	21 17	0 31	13 8	17 14	23 4	22 58	21 56	8 23	1 18
F 9	13 9	1 53	5 2	6 37	4 36	2 11	0 6	1 5	0 26	2 36	1 33	5 28	2 22	13 53	0 47	21 17	0 31	13 9	17 15	23 3	22 58	21 56	8 23	1 18
S 10	12 50	3s12	5 0	7 0	4 31	2 42	0 2	1 21	0 25	2 39	1 34	5 30	2 23	13 54	0 47	21 17	0 31	13 9	17 15	23 2	22 57	21 57	8 22	1 18
S 11	12 30	8 2	4 44	7 25	4 24	3 13	0s 2	1 37	0 24	2 41	1 34	5 31	2 23	13 55	0 47	21 16	0 31	13 10	17 15	23 1	22 57	21 57	8 22	1 18
M12	12 10	12 25	4 15	7 52	4 15	3 44	0 6	1 53	0 24	2 44	1 34	5 33	2 23	13 56	0 47	21 16	0 31	13 10	17 15	23 1	22 57	21 58	8 21	1 18
T 13	11 50	16 12	3 34	8 21	4 5	4 14	0 9	2 9	0 23	2 46	1 34	5 35	2 23	13 56	0 47	21 16	0 31	13 11	17 16	23 0	22 56	21 58	8 21	1 18
W14	11 29	19 15	2 45	8 50	3 53	4 45	0 13	2 26	0 22	2 49	1 34	5 37	2 23	13 57	0 47	21 16	0 31	13 12	17 16	23 0	22 56	21 59	8 20	1 18
T 15	11 9	21 27	1 49	9 20	3 39	5 16	0 17	2 42	0 22	2 52	1 35	5 38	2 23	13 58	0 47	21 15	0 31	13 12	17 16	23 0	22 56	21 59	8 19	1 18
F 16	10 48	22 43	0 48	9 50	3 24	5 47	0 22	2 58	0 21	2 55	1 35	5 40	2 24	13 59	0 47	21 15	0 31	13 13	17 16	23 0	22 56	22 0	8 19	1 18
S 17	10 27	22 58	0n15	10 19	3 7	6 17	0 26	3 14	0 20	2 58	1 35	5 42	2 24	13 59	0 47	21 15	0 31	13 13	17 16	23 0	22 55	22 0	8 18	1 18
S 18	10 6	22 9	1 18	10 48	2 50	6 47	0 30	3 30	0 20	3 0	1 35	5 44	2 24	14 0	0 47	21 14	0 31	13 14	17 17	23 0	22 55	22 1	8 17	1 18
M19	9 45	20 17	2 18	11 14	2 31	7 18	0 34	3 46	0 19	3 3	1 35	5 46	2 24	14 1	0 47	21 14	0 31	13 14	17 17	23 0	22 55	22 1	8 16	1 17
T 20	9 24	17 25	3 13	11 39	2 13	7 48	0 38	4 2	0 18	3 6	1 36	5 47	2 24	14 2	0 47	21 14	0 31	13 15	17 17	22 59	22 54	22 2	8 16	1 17
W21	9 2	13 39	4 0	12 1	1 54	8 18	0 43	4 18	0 18	3 9	1 36	5 49	2 24	14 3	0 47	21 14	0 31	13 15	17 17	22 59	22 54	22 2	8 15	1 17
T 22	8 41	9 9	4 35	12 21	1 34	8 47	0 47	4 34	0 17	3 12	1 36	5 51	2 24	14 3	0 47	21 13	0 31	13 16	17 17	22 58	22 54	22 3	8 14	1 17
F 23	8 19	4 6	4 56	12 38	1 16	9 17	0 51	4 50	0 16	3 15	1 36	5 53	2 24	14 4	0 47	21 13	0 31	13 17	17 18	22 57	22 53	22 3	8 13	1 17
S 24	7 57	1n15	5 0	12 51	0 57	9 47	0 55	5 6	0 16	3 18	1 36	5 55	2 24	14 5	0 47	21 13	0 31	13 17	17 18	22 55	22 53	22 4	8 12	1 17
S 25	7 35	6 37	4 46	13 1	0 39	10 16	1 0	5 22	0 15	3 21	1 36	5 57	2 25	14 6	0 47	21 13	0 31	13 18	17 18	22 54	22 53	22 4	8 12	1 17
M26	7 13	11 41	4 14	13 7	0 22	10 45	1 4	5 38	0 14	3 25	1 36	5 59	2 25	14 6	0 47	21 12	0 31	13 18	17 18	22 54	22 53	22 5	8 11	1 17
T 27	6 50	16 9	3 27	13 9	0 6	11 14	1 9	5 54	0 14	3 28	1 36	6 0	2 25	14 7	0 47	21 12	0 31	13 19	17 18	22 53	22 52	22 5	8 10	1 17
W28	6 28	19 40	2 26	13 8	0n10	11 42	1 13	6 10	0 13	3 31	1 37	6 2	2 25	14 8	0 47	21 12	0 31	13 19	17 18	22 53	22 52	22 5	8 9	1 17
T 29	6 5	21 58	1 17	13 2	0 24	12 11	1 18	6 26	0 12	3 34	1 37	6 4	2 25	14 9	0 47	21 12	0 31	13 20	17 19	22 52	22 52	22 6	8 8	1 17
F 30	5 43	22 52	0 3	12 53	0 38	12 39	1 22	6 42	0 12	3 37	1 37	6 6	2 25	14 9	0 47	21 11	0 31	13 20	17 19	22 52	22 51	22 6	8 7	1 17
S 31	5n20	22n19	1s11	12n41	0n50	13s 7	1s27	6s57	0n11	3s40	1s37	6s 8	2s25	14s10	0s47	21n11	0s31	13s21	17s19	22s52	22s51	22s 7	8n 6	1n17

Julian Day Number = 2299460.5, Delta T = 113.78 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'45, Lahiri = 18°02'46 Julian Calendar 1 Aug. 1583 == Greg. Calendar 11 Aug. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

SEPTEMBER 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 17 22	17♍29'45	14♋36	0♍ 8	1♏52	18♎48	24°R22	20°R 4	24°R19	22♋ 2	6°R19	17°R 9	16♐53	3♐56	17°R33	S 1
M 2	23 21 18	18°28'20	28°25	1°29	2°59	19°28	24♓14	20♓ 0	24♒17	22° 3	6♈18	17♐ 5	16°50	4° 3	17♈30	M 2
T 3	23 25 15	19°26'56	12♌ 5	2°56	4° 5	20° 8	24° 6	19°55	24°14	22° 4	6°17	16°59	16°47	4° 9	17°28	T 3
W 4	23 29 11	20°25'34	25°36	4°27	5°12	20°48	23°58	19°50	24°12	22° 6	6°16	16°49	16°44	4°16	17°26	W 4
T 5	23 33 8	21°24'15	8♍55	6° 2	6°18	21°29	23°50	19°46	24°10	22° 7	6°15	16°37	16°41	4°23	17°23	T 5
F 6	23 37 5	22°22'57	22° 1	7°40	7°25	22° 9	23°42	19°41	24° 8	22° 8	6°14	16°24	16°38	4°29	17°21	F 6
S 7	23 41 1	23°21'41	4♎52	9°21	8°31	22°49	23°34	19°36	24° 6	22°10	6°13	16°11	16°34	4°36	17°18	S 7
S 8	23 44 58	24°20'28	17°26	11° 4	9°36	23°30	23°26	19°32	24° 4	22°11	6°12	15°59	16°31	4°43	17°15	S 8
M 9	23 48 54	25°19'16	29°46	12°50	10°42	24°10	23°18	19°27	24° 2	22°12	6°10	15°50	16°28	4°49	17°13	M 9
T 10	23 52 51	26°18'06	11♏52	14°36	11°48	24°51	23°10	19°23	24° 0	22°13	6° 9	15°43	16°25	4°56	17°10	T 10
W11	23 56 47	27°16'58	23°48	16°24	12°53	25°31	23° 2	19°18	23°59	22°14	6° 8	15°38	16°22	5° 3	17° 8	W11
T 12	0 0 44	28°15'52	5♐37	18°12	13°58	26°12	22°54	19°13	23°57	22°16	6° 7	15°37	16°18	5° 9	17° 5	T 12
F 13	0 4 40	29°14'48	17°24	20° 1	15° 3	26°53	22°46	19° 9	23°55	22°17	6° 6	15°D36	16°15	5°16	17° 2	F 13
S 14	0 8 37	0♎13'45	29°15	21°50	16° 8	27°34	22°38	19° 4	23°53	22°18	6° 5	15°R36	16°12	5°23	17° 0	S 14
S 15	0 12 34	1°12'45	11♑15	23°38	17°12	28°15	22°30	19° 0	23°51	22°19	6° 4	15°36	16° 9	5°29	16°57	S 15
M16	0 16 30	2°11'46	23°29	25°27	18°17	28°55	22°22	18°55	23°50	22°20	6° 2	15°34	16° 6	5°36	16°54	M16
T 17	0 20 27	3°10'48	6♒ 2	27°16	19°21	29°36	22°15	18°51	23°48	22°21	6° 1	15°30	16° 3	5°43	16°51	T 17
W18	0 24 23	4° 9'53	18°58	29° 4	20°25	0♏18	22° 7	18°47	23°46	22°22	6° 0	15°23	15°59	5°49	16°49	W18
T 19	0 28 20	5° 8'59	2♓20	0♎51	21°28	0°59	21°59	18°42	23°45	22°23	5°59	15°14	15°56	5°56	16°46	T 19
F 20	0 32 16	6° 8'07	16° 6	2°38	22°32	1°40	21°52	18°38	23°43	22°24	5°58	15° 4	15°53	6° 2	16°43	F 20
S 21	0 36 13	7° 7'17	0♈16	4°25	23°35	2°21	21°44	18°34	23°42	22°25	5°57	14°53	15°50	6° 9	16°40	S 21
S 22	0 40 9	8° 6'30	14°43	6°11	24°37	3° 2	21°37	18°29	23°40	22°25	5°55	14°42	15°47	6°16	16°37	S 22
M23	0 44 6	9° 5'44	29°21	7°56	25°40	3°44	21°30	18°25	23°39	22°26	5°54	14°34	15°44	6°22	16°34	M23
T 24	0 48 2	10° 5'00	14♉ 2	9°40	26°42	4°25	21°22	18°21	23°37	22°27	5°53	14°28	15°40	6°29	16°32	T 24
W25	0 51 59	11° 4'19	28°40	11°24	27°44	5° 7	21°15	18°17	23°36	22°28	5°52	14°25	15°37	6°36	16°29	W25
T 26	0 55 56	12° 3'40	13♊10	13° 7	28°46	5°48	21° 8	18°13	23°34	22°28	5°51	14°D24	15°34	6°42	16°26	T 26
F 27	0 59 52	13° 3'04	27°27	14°49	29°47	6°30	21° 1	18° 9	23°33	22°29	5°50	14°24	15°31	6°49	16°23	F 27
S 28	1 3 49	14° 2'30	11♋30	16°30	0♐48	7°11	20°55	18° 5	23°32	22°30	5°48	14°R25	15°28	6°56	16°20	S 28
S 29	1 7 45	15° 1'58	25°19	18°11	1°49	7°53	20°48	18° 1	23°31	22°30	5°47	14°24	15°24	7° 2	16°17	S 29
M30	1 11 42	16♎ 1'29	8♌54	19♎51	2♐50	8♏35	20♓41	17♓57	23♒29	22♋31	5♈46	14♐22	15♐21	7♐ 9	16♈14	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n57	20n23	2s20	12n24	1n 1	13s34	1s31	7s13	0n10	3s44	1s37	6s10	2s25	14s11	0s47	21n11	0s31	13s22	17s19	22s52	22s51	22s 7	8n 5	1n17
M 2	4 34	17 16	3 19	12 5	1 11	14 2	1 36	7 29	0 10	3 47	1 37	6 12	2 25	14 11	0 47	21 11	0 31	13 22	17 19	22 52	22 50	22 8	8 4	1 17
T 3	4 11	13 15	4 7	11 42	1 20	14 29	1 40	7 45	0 9	3 50	1 37	6 14	2 25	14 12	0 47	21 10	0 31	13 23	17 19	22 51	22 50	22 8	8 3	1 17
W 4	3 48	8 37	4 40	11 16	1 28	14 56	1 45	8 1	0 8	3 53	1 37	6 15	2 25	14 13	0 46	21 10	0 31	13 23	17 19	22 50	22 50	22 8	8 2	1 17
T 5	3 25	3 39	4 58	10 47	1 34	15 22	1 49	8 16	0 8	3 56	1 37	6 17	2 25	14 13	0 46	21 10	0 31	13 24	17 19	22 49	22 49	22 9	8 1	1 17
F 6	3 2	1s24	4 59	10 15	1 39	15 48	1 54	8 32	0 7	4 0	1 37	6 19	2 25	14 14	0 46	21 10	0 31	13 24	17 20	22 48	22 49	22 9	8 0	1 17
S 7	2 38	6 17	4 45	9 41	1 44	16 14	1 58	8 48	0 6	4 3	1 37	6 21	2 25	14 15	0 46	21 10	0 31	13 25	17 20	22 46	22 49	22 10	7 59	1 17
S 8	2 15	10 49	4 17	9 5	1 47	16 40	2 3	9 3	0 6	4 6	1 37	6 23	2 25	14 15	0 46	21 9	0 31	13 25	17 20	22 45	22 49	22 10	7 58	1 17
M 9	1 52	14 48	3 38	8 27	1 50	17 5	2 7	9 19	0 5	4 9	1 37	6 25	2 25	14 16	0 46	21 9	0 31	13 26	17 20	22 44	22 48	22 10	7 57	1 17
T 10	1 28	18 6	2 49	7 47	1 51	17 30	2 12	9 34	0 4	4 13	1 37	6 27	2 25	14 17	0 46	21 9	0 31	13 26	17 20	22 43	22 48	22 11	7 56	1 17
W11	1 5	20 35	1 53	7 6	1 52	17 54	2 16	9 50	0 4	4 16	1 37	6 28	2 25	14 17	0 46	21 9	0 31	13 27	17 20	22 43	22 48	22 11	7 55	1 17
T 12	0 42	22 9	0 53	6 24	1 52	18 18	2 20	10 5	0 3	4 19	1 37	6 30	2 25	14 18	0 46	21 9	0 31	13 27	17 20	22 43	22 47	22 11	7 54	1 16
F 13	0 18	22 44	0n10	5 40	1 51	18 42	2 25	10 21	0 2	4 22	1 37	6 32	2 25	14 18	0 46	21 8	0 31	13 28	17 20	22 43	22 47	22 12	7 53	1 16
S 14	0s 5	22 18	1 12	4 56	1 50	19 5	2 29	10 36	0 2	4 25	1 37	6 34	2 25	14 19	0 46	21 8	0 31	13 28	17 20	22 43	22 47	22 12	7 52	1 16
S 15	0 29	20 50	2 12	4 11	1 48	19 28	2 34	10 51	0 1	4 28	1 37	6 35	2 25	14 20	0 46	21 8	0 31	13 29	17 20	22 43	22 46	22 12	7 51	1 16
M16	0 53	18 22	3 7	3 25	1 45	19 50	2 38	11 6	0 1	4 31	1 37	6 37	2 25	14 20	0 46	21 8	0 31	13 29	17 20	22 43	22 46	22 13	7 50	1 16
T 17	1 16	15 1	3 55	2 39	1 42	20 12	2 42	11 22	0s 0	4 34	1 37	6 39	2 25	14 21	0 46	21 8	0 31	13 30	17 20	22 42	22 46	22 13	7 49	1 16
W18	1 40	10 52	4 32	1 53	1 39	20 34	2 46	11 37	0 1	4 37	1 37	6 41	2 25	14 21	0 46	21 8	0 31	13 30	17 20	22 41	22 45	22 13	7 47	1 16
T 19	2 3	6 4	4 55	1 6	1 35	20 55	2 51	11 52	0 1	4 40	1 37	6 42	2 25	14 22	0 46	21 7	0 31	13 31	17 20	22 40	22 45	22 14	7 46	1 16
F 20	2 27	0 51	5 3	0 20	1 30	21 15	2 55	12 7	0 2	4 43	1 37	6 44	2 25	14 22	0 46	21 7	0 31	13 31	17 20	22 39	22 45	22 14	7 45	1 16
S 21	2 50	4n34	4 52	0s27	1 26	21 36	2 59	12 21	0 3	4 46	1 37	6 46	2 25	14 23	0 46	21 7	0 31	13 32	17 20	22 38	22 44	22 14	7 44	1 16
S 22	3 13	9 51	4 23	1 14	1 21	21 55	3 3	12 36	0 3	4 49	1 37	6 47	2 25	14 23	0 46	21 7	0 31	13 32	17 20	22 37	22 44	22 15	7 43	1 16
M23	3 37	14 38	3 36	2 0	1 15	22 14	3 7	12 51	0 4	4 52	1 37	6 49	2 25	14 24	0 46	21 7	0 31	13 32	17 20	22 36	22 44	22 15	7 42	1 16
T 24	4 0	18 33	2 35	2 46	1 10	22 33	3 11	13 6	0 5	4 55	1 37	6 50	2 25	14 24	0 46	21 7	0 31	13 33	17 20	22 35	22 43	22 15	7 41	1 16
W25	4 23	21 15	1 23	3 32	1 4	22 51	3 15	13 20	0 5	4 57	1 37	6 52	2 25	14 25	0 46	21 7	0 31	13 33	17 20	22 35	22 43	22 15	7 39	1 16
T 26	4 47	22 32	0 7	4 18	0 58	23 9	3 18	13 35	0 6	5 0	1 36	6 53	2 25	14 25	0 46	21 6	0 31	13 34	17 20	22 35	22 43	22 16	7 38	1 16
F 27	5 10	22 19	1s 9	5 3	0 52	23 26	3 22	13 49	0 6	5 3	1 36	6 55	2 25	14 25	0 46	21 6	0 31	13 34	17 20	22 35	22 42	22 16	7 37	1 15
S 28	5 33	20 40	2 20	5 48	0 46	23 43	3 26	14 3	0 7	5 5	1 36	6 56	2 25	14 26	0 46	21 6	0 31	13 35	17 20	22 35	22 42	22 16	7 36	1 15
S 29	5 56	17 50	3 21	6 32	0 39	23 59	3 29	14 17	0 8	5 8	1 36	6 58	2 25	14 26	0 46	21 6	0 31	13 35	17 20	22 35	22 42	22 16	7 35	1 15
M30	6s19	14n 4	4s 9	7s16	0n33	24s15	3s33	14s32	0s 8	5s10	1s36	6s59	2s25	14s26	0s46	21n 6	0s31	13s35	17s20	22s34	22s41	22s17	7n34	1n15

Julian Day Number = 2299491.5, Delta T = 113.64 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'49, Lahiri = 18°02'50 Julian Calendar 1 Sept. 1583 == Greg. Calendar 11 Sept. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

OCTOBER 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 15 38	17♎ 1'01	22♌16	21♎31	3♐50	9♏17	20°R35	17°R54	23°R28	22♋31	5°R45	14°R17	15♐18	7♐16	16°R12	T 1
W 2	1 19 35	18° 0'36	5♍25	23° 9	4°49	9°59	20♓29	17♓50	23♒27	22°32	5♈44	14♐10	15°15	7°22	16♈ 9	W 2
T 3	1 23 31	19° 0'14	18°22	24°47	5°49	10°41	20°23	17°46	23°26	22°32	5°43	14° 1	15°12	7°29	16° 6	T 3
F 4	1 27 28	19°59'53	1♎ 6	26°25	6°48	11°23	20°17	17°43	23°25	22°33	5°42	13°51	15° 9	7°35	16° 3	F 4
S 5	1 31 25	20°59'34	13°39	28° 2	7°46	12° 5	20°11	17°39	23°24	22°33	5°40	13°41	15° 5	7°42	16° 0	S 5
S 6	1 35 21	21°59'18	25°59	29°38	8°44	12°47	20° 5	17°36	23°23	22°34	5°39	13°32	15° 2	7°49	15°57	S 6
M 7	1 39 18	22°59'04	8♏ 9	1♏13	9°42	13°29	19°59	17°32	23°22	22°34	5°38	13°24	14°59	7°55	15°54	M 7
T 8	1 43 14	23°58'51	20° 8	2°48	10°39	14°12	19°54	17°29	23°22	22°34	5°37	13°19	14°56	8° 2	15°52	T 8
W 9	1 47 11	24°58'41	2♐ 0	4°23	11°36	14°54	19°49	17°26	23°21	22°35	5°36	13°16	14°53	8° 9	15°49	W 9
T 10	1 51 7	25°58'32	13°47	5°57	12°32	15°36	19°44	17°23	23°20	22°35	5°35	13°D15	14°49	8°15	15°46	T 10
F 11	1 55 4	26°58'25	25°33	7°30	13°28	16°19	19°39	17°20	23°19	22°35	5°34	13°16	14°46	8°22	15°43	F 11
S 12	1 59 0	27°58'20	7♑22	9° 3	14°24	17° 1	19°34	17°17	23°19	22°35	5°33	13°18	14°43	8°29	15°40	S 12
S 13	2 2 57	28°58'16	19°20	10°35	15°18	17°44	19°30	17°14	23°18	22°35	5°32	13°19	14°40	8°35	15°38	S 13
M14	2 6 54	29°58'14	1♒31	12° 7	16°12	18°27	19°25	17°11	23°18	22°35	5°31	13°R19	14°37	8°42	15°35	M14
T 15	2 10 50	0♏58'14	14° 1	13°39	17° 6	19° 9	19°21	17° 9	23°17	22°35	5°30	13°18	14°34	8°49	15°32	T 15
W16	2 14 47	1°58'15	26°54	15°10	17°59	19°52	19°17	17° 6	23°17	22°R35	5°29	13°16	14°30	8°55	15°29	W16
T 17	2 18 43	2°58'18	10♓14	16°40	18°51	20°35	19°13	17° 3	23°16	22°35	5°27	13°11	14°27	9° 2	15°27	T 17
F 18	2 22 40	3°58'23	24° 3	18°10	19°43	21°18	19°10	17° 1	23°16	22°35	5°26	13° 6	14°24	9° 9	15°24	F 18
S 19	2 26 36	4°58'29	8♈18	19°39	20°34	22° 1	19° 6	16°59	23°16	22°35	5°25	12°59	14°21	9°15	15°21	S 19
S 20	2 30 33	5°58'37	22°57	21° 8	21°24	22°44	19° 3	16°56	23°16	22°35	5°24	12°54	14°18	9°22	15°19	S 20
M21	2 34 29	6°58'46	7♉52	22°37	22°13	23°27	19° 0	16°54	23°15	22°35	5°24	12°49	14°15	9°28	15°16	M21
T 22	2 38 26	7°58'58	22°55	24° 5	23° 2	24°10	18°57	16°52	23°15	22°35	5°23	12°46	14°11	9°35	15°13	T 22
W23	2 42 23	8°59'12	7♊57	25°32	23°49	24°53	18°55	16°50	23°15	22°35	5°22	12°D44	14° 8	9°42	15°11	W23
T 24	2 46 19	9°59'27	22°49	26°59	24°36	25°36	18°52	16°48	23°D15	22°34	5°21	12°45	14° 5	9°48	15° 8	T 24
F 25	2 50 16	10°59'44	7♋26	28°25	25°22	26°20	18°50	16°47	23°15	22°34	5°20	12°46	14° 2	9°55	15° 6	F 25
S 26	2 54 12	12° 0'04	21°43	29°51	26° 8	27° 3	18°48	16°45	23°15	22°34	5°19	12°47	13°59	10° 2	15° 3	S 26
S 27	2 58 9	13° 0'25	5♌39	1♐16	26°52	27°46	18°46	16°43	23°15	22°34	5°18	12°48	13°55	10° 8	15° 1	S 27
M28	3 2 5	14° 0'48	19°13	2°40	27°35	28°30	18°44	16°42	23°16	22°33	5°17	12°R49	13°52	10°15	14°58	M28
T 29	3 6 2	15° 1'14	2♍27	4° 4	28°17	29°13	18°43	16°41	23°16	22°33	5°16	12°47	13°49	10°22	14°56	T 29
W30	3 9 58	16° 1'41	15°23	5°26	28°58	29°57	18°42	16°39	23°16	22°32	5°15	12°45	13°46	10°28	14°54	W30
T 31	3 13 55	17♏ 2'10	28♍ 4	6♐48	29♐38	0♐41	18♓41	16♓38	23♒16	22♋32	5♈15	12♐41	13♐43	10♐35	14♈51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s42	9n39	4s44	8s 0	0n26	24s30	3s36	14s46	0s 9	5s12	1s36	7s 1	2s25	14s27	0s46	21n 6	0s31	13s36	17s20	22s34	22s41	22s17	7n32	1n15
W 2	7 5	4 52	5 2	8 43	0 20	24 44	3 39	15 0	0 10	5 15	1 36	7 2	2 24	14 27	0 46	21 6	0 31	13 36	17 20	22 33	22 40	22 17	7 31	1 15
T 3	7 28	0s 4	5 5	9 25	0 13	24 58	3 43	15 13	0 10	5 17	1 36	7 3	2 24	14 27	0 46	21 6	0 31	13 37	17 20	22 32	22 40	22 17	7 30	1 15
F 4	7 50	4 54	4 52	10 7	0 6	25 12	3 46	15 27	0 11	5 19	1 35	7 5	2 24	14 28	0 46	21 6	0 31	13 37	17 20	22 31	22 40	22 18	7 29	1 15
S 5	8 13	9 28	4 25	10 48	0s 1	25 25	3 49	15 41	0 11	5 21	1 35	7 6	2 24	14 28	0 46	21 6	0 31	13 37	17 20	22 30	22 39	22 18	7 28	1 15
S 6	8 35	13 34	3 47	11 29	0 7	25 37	3 52	15 54	0 12	5 24	1 35	7 7	2 24	14 28	0 46	21 6	0 31	13 38	17 19	22 28	22 39	22 18	7 26	1 15
M 7	8 57	17 3	2 58	12 9	0 14	25 49	3 54	16 7	0 13	5 26	1 35	7 8	2 24	14 29	0 46	21 5	0 31	13 38	17 19	22 28	22 39	22 18	7 25	1 15
T 8	9 19	19 46	2 2	12 48	0 21	26 0	3 57	16 21	0 13	5 28	1 35	7 10	2 24	14 29	0 46	21 5	0 31	13 38	17 19	22 27	22 38	22 18	7 24	1 15
W 9	9 41	21 36	1 1	13 27	0 28	26 11	4 0	16 34	0 14	5 29	1 35	7 11	2 24	14 29	0 46	21 5	0 31	13 39	17 19	22 27	22 38	22 19	7 23	1 14
T 10	10 3	22 27	0n 3	14 4	0 34	26 21	4 2	16 47	0 15	5 31	1 34	7 12	2 24	14 29	0 46	21 5	0 31	13 39	17 19	22 26	22 38	22 19	7 22	1 14
F 11	10 25	22 19	1 6	14 42	0 41	26 30	4 4	17 0	0 15	5 33	1 34	7 13	2 23	14 29	0 46	21 5	0 31	13 39	17 19	22 27	22 37	22 19	7 20	1 14
S 12	10 47	21 10	2 7	15 18	0 48	26 39	4 6	17 13	0 16	5 35	1 34	7 14	2 23	14 30	0 45	21 5	0 31	13 39	17 19	22 27	22 37	22 19	7 19	1 14
S 13	11 8	19 4	3 3	15 53	0 54	26 48	4 8	17 25	0 16	5 36	1 34	7 15	2 23	14 30	0 45	21 5	0 31	13 40	17 19	22 27	22 37	22 19	7 18	1 14
M14	11 29	16 5	3 52	16 28	1 1	26 55	4 10	17 38	0 17	5 38	1 34	7 16	2 23	14 30	0 45	21 5	0 31	13 40	17 18	22 27	22 36	22 20	7 17	1 14
T 15	11 50	12 19	4 31	17 2	1 7	27 3	4 12	17 50	0 18	5 39	1 33	7 17	2 23	14 30	0 45	21 5	0 31	13 40	17 18	22 27	22 36	22 20	7 16	1 14
W16	12 11	7 54	4 58	17 35	1 13	27 9	4 13	18 2	0 18	5 41	1 33	7 18	2 23	14 30	0 45	21 5	0 31	13 41	17 18	22 26	22 35	22 20	7 15	1 14
T 17	12 32	2 57	5 10	18 8	1 20	27 15	4 15	18 14	0 19	5 42	1 33	7 19	2 23	14 30	0 45	21 5	0 31	13 41	17 18	22 26	22 35	22 20	7 14	1 14
F 18	12 52	2n18	5 5	18 39	1 26	27 21	4 16	18 26	0 19	5 43	1 33	7 19	2 22	14 30	0 45	21 5	0 31	13 41	17 18	22 25	22 35	22 20	7 12	1 14
S 19	13 13	7 36	4 41	19 9	1 31	27 26	4 17	18 38	0 20	5 44	1 32	7 20	2 22	14 30	0 45	21 5	0 31	13 41	17 18	22 24	22 34	22 20	7 11	1 13
S 20	13 33	12 38	3 59	19 39	1 37	27 30	4 18	18 50	0 21	5 45	1 32	7 21	2 22	14 30	0 45	21 5	0 31	13 41	17 17	22 24	22 34	22 21	7 10	1 13
M21	13 52	16 59	2 59	20 7	1 43	27 34	4 18	19 1	0 21	5 46	1 32	7 22	2 22	14 30	0 45	21 5	0 31	13 42	17 17	22 23	22 34	22 21	7 9	1 13
T 22	14 12	20 15	1 46	20 35	1 48	27 37	4 19	19 12	0 22	5 47	1 32	7 22	2 22	14 30	0 45	21 5	0 31	13 42	17 17	22 23	22 33	22 21	7 8	1 13
W23	14 31	22 7	0 26	21 1	1 53	27 40	4 19	19 24	0 22	5 48	1 31	7 23	2 22	14 30	0 45	21 5	0 31	13 42	17 17	22 23	22 33	22 21	7 7	1 13
T 24	14 51	22 23	0s55	21 27	1 58	27 42	4 19	19 35	0 23	5 49	1 31	7 23	2 21	14 30	0 45	21 5	0 31	13 42	17 17	22 23	22 32	22 21	7 6	1 13
F 25	15 10	21 6	2 11	21 51	2 3	27 43	4 19	19 45	0 24	5 49	1 31	7 24	2 21	14 30	0 45	21 5	0 31	13 42	17 16	22 23	22 32	22 21	7 5	1 13
S 26	15 28	18 29	3 18	22 14	2 7	27 45	4 18	19 56	0 24	5 50	1 31	7 24	2 21	14 30	0 45	21 5	0 31	13 43	17 16	22 23	22 32	22 21	7 4	1 13
S 27	15 47	14 51	4 11	22 36	2 12	27 45	4 18	20 7	0 25	5 50	1 31	7 25	2 21	14 30	0 45	21 5	0 31	13 43	17 16	22 23	22 31	22 21	7 2	1 13
M28	16 5	10 32	4 48	22 57	2 16	27 45	4 17	20 17	0 25	5 51	1 30	7 25	2 21	14 30	0 45	21 5	0 31	13 43	17 16	22 23	22 31	22 21	7 1	1 12
T 29	16 23	5 49	5 9	23 17	2 19	27 45	4 16	20 27	0 26	5 51	1 30	7 26	2 21	14 30	0 45	21 5	0 31	13 43	17 15	22 23	22 31	22 22	7 0	1 12
W30	16 40	0 57	5 14	23 36	2 22	27 44	4 14	20 37	0 26	5 51	1 30	7 26	2 20	14 30	0 45	21 6	0 31	13 43	17 15	22 23	22 30	22 22	6 59	1 12
T 31	16s58	3s52	5s 3	23s53	2s25	27s42	4s13	20s47	0s27	5s52	1s29	7s26	2s20	14s30	0s45	21n 6	0s31	13s43	17s15	22s22	22s30	22s22	6n58	1n12

Julian Day Number = 2299521.5, Delta T = 113.50 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'53, Lahiri = 18°02'54 Julian Calendar 1 Oct. 1583 == Greg. Calendar 11 Oct. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

NOVEMBER 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 17 52	18♏ 2'41	10♎31	8♐ 8	0♑17	1♐24	18°R40	16°R37	23♒17	22°R31	5°R14	12°R37	13♐40	10♐42	14°R49	F 1
S 2	3 21 48	19° 3'13	22°47	9°27	0°54	2° 8	18♓39	16♓36	23°17	22♋31	5♈13	12♐33	13°36	10°48	14♈47	S 2
S 3	3 25 45	20° 3'47	4♏53	10°45	1°30	2°52	18°39	16°35	23°18	22°30	5°12	12°29	13°33	10°55	14°44	S 3
M 4	3 29 41	21° 4'23	16°52	12° 2	2° 5	3°36	18°D39	16°35	23°18	22°30	5°11	12°26	13°30	11° 1	14°42	M 4
T 5	3 33 38	22° 5'01	28°44	13°16	2°39	4°20	18°39	16°34	23°19	22°29	5°11	12°24	13°27	11° 8	14°40	T 5
W 6	3 37 34	23° 5'40	10♐32	14°29	3°11	5° 4	18°39	16°33	23°20	22°28	5°10	12°D24	13°24	11°15	14°38	W 6
T 7	3 41 31	24° 6'20	22°19	15°39	3°41	5°48	18°40	16°33	23°20	22°28	5° 9	12°24	13°21	11°21	14°36	T 7
F 8	3 45 27	25° 7'01	4♑ 6	16°47	4°10	6°32	18°40	16°33	23°21	22°27	5° 8	12°25	13°17	11°28	14°34	F 8
S 9	3 49 24	26° 7'44	15°57	17°52	4°38	7°16	18°41	16°32	23°22	22°26	5° 8	12°27	13°14	11°35	14°32	S 9
S 10	3 53 21	27° 8'28	27°56	18°53	5° 3	8° 0	18°42	16°D32	23°23	22°25	5° 7	12°28	13°11	11°41	14°30	S 10
M11	3 57 17	28° 9'13	10♒ 6	19°51	5°27	8°45	18°43	16°32	23°24	22°25	5° 6	12°29	13° 8	11°48	14°28	M11
T 12	4 1 14	29° 9'59	22°33	20°44	5°49	9°29	18°45	16°32	23°24	22°24	5° 6	12°30	13° 5	11°55	14°26	T 12
W13	4 5 10	0♐10'46	5♓21	21°33	6°10	10°13	18°47	16°33	23°25	22°23	5° 5	12°R30	13° 1	12° 1	14°24	W13
T 14	4 9 7	1°11'34	18°32	22°15	6°28	10°58	18°48	16°33	23°26	22°22	5° 5	12°29	12°58	12° 8	14°23	T 14
F 15	4 13 3	2°12'23	2♈11	22°52	6°44	11°42	18°51	16°33	23°28	22°21	5° 4	12°28	12°55	12°15	14°21	F 15
S 16	4 17 0	3°13'13	16°18	23°21	6°58	12°27	18°53	16°34	23°29	22°20	5° 4	12°27	12°52	12°21	14°19	S 16
S 17	4 20 56	4°14'03	0♉51	23°43	7°10	13°11	18°55	16°35	23°30	22°19	5° 3	12°26	12°49	12°28	14°18	S 17
M18	4 24 53	5°14'55	15°45	23°56	7°20	13°56	18°58	16°35	23°31	22°18	5° 3	12°25	12°46	12°34	14°16	M18
T 19	4 28 50	6°15'48	0♊55	23°R59	7°27	14°41	19° 1	16°36	23°32	22°17	5° 2	12°25	12°42	12°41	14°15	T 19
W20	4 32 46	7°16'42	16° 9	23°52	7°33	15°26	19° 4	16°37	23°34	22°16	5° 2	12°D25	12°39	12°48	14°13	W20
T 21	4 36 43	8°17'37	1♋20	23°34	7°35	16°10	19° 7	16°38	23°35	22°15	5° 1	12°25	12°36	12°54	14°12	T 21
F 22	4 40 39	9°18'33	16°16	23° 5	7°R36	16°55	19°11	16°40	23°37	22°14	5° 1	12°25	12°33	13° 1	14°10	F 22
S 23	4 44 36	10°19'30	0♌52	22°24	7°34	17°40	19°14	16°41	23°38	22°13	5° 0	12°26	12°30	13° 8	14° 9	S 23
S 24	4 48 32	11°20'28	15° 3	21°32	7°29	18°25	19°18	16°42	23°40	22°11	5° 0	12°26	12°27	13°14	14° 8	S 24
M25	4 52 29	12°21'28	28°47	20°31	7°22	19°10	19°22	16°44	23°41	22°10	5° 0	12°R26	12°23	13°21	14° 7	M25
T 26	4 56 25	13°22'28	12♍ 5	19°20	7°13	19°55	19°27	16°45	23°43	22° 9	4°59	12°D26	12°20	13°28	14° 5	T 26
W27	5 0 22	14°23'30	24°59	18° 3	7° 1	20°40	19°31	16°47	23°44	22° 8	4°59	12°26	12°17	13°34	14° 4	W27
T 28	5 4 19	15°24'32	7♎33	16°42	6°46	21°25	19°36	16°49	23°46	22° 6	4°59	12°26	12°14	13°41	14° 3	T 28
F 29	5 8 15	16°25'36	19°51	15°19	6°29	22°11	19°41	16°51	23°48	22° 5	4°58	12°26	12°11	13°48	14° 2	F 29
S 30	5 12 12	17♐26'41	1♏56	13♐57	6♑10	22♐56	19♓46	16♓53	23♒50	22♋ 4	4♈58	12♐27	12♐ 7	13♐54	14♈ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s15	8s26	4s38	24s 9	2s28	27s40	4s11	20s56	0s28	5s52	1s29	7s27	2s20	14s30	0s45	21n 6	0s31	13s43	17s15	22s22	22s29	22s22	6n57	1n12
S 2	17 31	12 36	4 0	24 23	2 30	27 38	4 8	21 6	0 28	5 52	1 29	7 27	2 20	14 29	0 45	21 6	0 31	13 43	17 14	22 21	22 29	22 22	6 56	1 12
S 3	17 48	16 12	3 12	24 37	2 32	27 35	4 6	21 15	0 29	5 52	1 29	7 27	2 20	14 29	0 45	21 6	0 31	13 43	17 14	22 21	22 29	22 22	6 55	1 12
M 4	18 4	19 5	2 16	24 48	2 33	27 31	4 3	21 24	0 29	5 51	1 28	7 27	2 19	14 29	0 45	21 6	0 31	13 43	17 14	22 20	22 28	22 22	6 54	1 12
T 5	18 20	21 8	1 15	24 59	2 33	27 28	4 0	21 33	0 30	5 51	1 28	7 27	2 19	14 29	0 45	21 6	0 31	13 43	17 14	22 20	22 28	22 22	6 53	1 11
W 6	18 35	22 15	0 10	25 8	2 33	27 23	3 56	21 41	0 30	5 51	1 28	7 27	2 19	14 29	0 45	21 6	0 31	13 43	17 13	22 20	22 27	22 22	6 53	1 11
T 7	18 50	22 22	0n55	25 15	2 33	27 19	3 52	21 50	0 31	5 50	1 28	7 27	2 19	14 28	0 45	21 6	0 31	13 44	17 13	22 20	22 27	22 22	6 52	1 11
F 8	19 5	21 28	1 57	25 21	2 32	27 13	3 48	21 58	0 31	5 50	1 27	7 27	2 19	14 28	0 45	21 6	0 31	13 44	17 13	22 20	22 27	22 22	6 51	1 11
S 9	19 20	19 38	2 56	25 25	2 29	27 8	3 43	22 6	0 32	5 49	1 27	7 27	2 18	14 28	0 45	21 7	0 31	13 44	17 12	22 20	22 26	22 22	6 50	1 11
S 10	19 34	16 55	3 47	25 28	2 27	27 2	3 38	22 14	0 33	5 49	1 27	7 27	2 18	14 27	0 44	21 7	0 31	13 44	17 12	22 20	22 26	22 22	6 49	1 11
M11	19 48	13 26	4 28	25 29	2 23	26 56	3 33	22 21	0 33	5 48	1 27	7 27	2 18	14 27	0 44	21 7	0 31	13 43	17 12	22 21	22 26	22 22	6 48	1 11
T 12	20 1	9 19	4 59	25 28	2 18	26 49	3 27	22 29	0 34	5 47	1 26	7 26	2 18	14 27	0 44	21 7	0 31	13 43	17 12	22 21	22 25	22 22	6 47	1 11
W13	20 14	4 41	5 15	25 26	2 13	26 42	3 21	22 36	0 34	5 46	1 26	7 26	2 18	14 26	0 44	21 7	0 31	13 43	17 11	22 21	22 25	22 22	6 46	1 10
T 14	20 27	0n18	5 16	25 22	2 6	26 34	3 14	22 43	0 35	5 45	1 26	7 26	2 17	14 26	0 44	21 7	0 31	13 43	17 11	22 21	22 24	22 22	6 46	1 10
F 15	20 39	5 27	4 59	25 16	1 58	26 26	3 7	22 49	0 35	5 44	1 25	7 25	2 17	14 26	0 44	21 7	0 31	13 43	17 11	22 20	22 24	22 22	6 45	1 10
S 16	20 51	10 29	4 24	25 8	1 49	26 18	3 0	22 56	0 36	5 43	1 25	7 25	2 17	14 25	0 44	21 7	0 31	13 43	17 10	22 20	22 24	22 22	6 44	1 10
S 17	21 2	15 5	3 31	24 59	1 38	26 10	2 52	23 2	0 36	5 42	1 25	7 25	2 17	14 25	0 44	21 8	0 31	13 43	17 10	22 20	22 23	22 22	6 43	1 10
M18	21 13	18 52	2 23	24 48	1 27	26 1	2 43	23 8	0 37	5 40	1 25	7 24	2 17	14 24	0 44	21 8	0 31	13 43	17 10	22 20	22 23	22 22	6 43	1 10
T 19	21 24	21 25	1 4	24 34	1 13	25 51	2 35	23 14	0 37	5 39	1 24	7 24	2 16	14 24	0 44	21 8	0 31	13 43	17 9	22 20	22 22	22 22	6 42	1 10
W20	21 34	22 26	0s21	24 19	0 58	25 42	2 25	23 19	0 38	5 38	1 24	7 23	2 16	14 23	0 44	21 8	0 31	13 43	17 9	22 20	22 22	22 22	6 41	1 10
T 21	21 44	21 46	1 43	24 2	0 42	25 32	2 15	23 25	0 38	5 36	1 24	7 22	2 16	14 23	0 44	21 8	0 31	13 43	17 9	22 20	22 21	22 22	6 41	1 9
F 22	21 54	19 34	2 58	23 43	0 25	25 21	2 5	23 30	0 39	5 34	1 24	7 22	2 16	14 22	0 44	21 9	0 31	13 43	17 8	22 20	22 21	22 22	6 40	1 9
S 23	22 3	16 8	3 58	23 23	0 6	25 10	1 54	23 34	0 39	5 33	1 23	7 21	2 16	14 22	0 44	21 9	0 31	13 42	17 8	22 20	22 21	22 22	6 39	1 9
S 24	22 11	11 51	4 43	23 0	0n13	24 59	1 43	23 39	0 40	5 31	1 23	7 20	2 15	14 21	0 44	21 9	0 31	13 42	17 8	22 20	22 20	22 22	6 39	1 9
M25	22 20	7 5	5 9	22 36	0 34	24 48	1 31	23 43	0 40	5 29	1 23	7 20	2 15	14 21	0 44	21 9	0 31	13 42	17 7	22 20	22 20	22 22	6 38	1 9
T 26	22 27	2 8	5 18	22 10	0 54	24 36	1 19	23 47	0 41	5 27	1 23	7 19	2 15	14 20	0 44	21 9	0 31	13 42	17 7	22 20	22 19	22 22	6 37	1 9
W27	22 35	2s45	5 11	21 44	1 14	24 24	1 6	23 51	0 41	5 25	1 22	7 18	2 15	14 20	0 44	21 9	0 31	13 42	17 7	22 20	22 19	22 22	6 37	1 9
T 28	22 42	7 25	4 48	21 17	1 33	24 12	0 53	23 55	0 42	5 23	1 22	7 17	2 15	14 19	0 44	21 10	0 31	13 41	17 6	22 20	22 19	22 22	6 36	1 8
F 29	22 48	11 41	4 13	20 50	1 51	23 59	0 39	23 58	0 42	5 21	1 22	7 16	2 14	14 18	0 44	21 10	0 31	13 41	17 6	22 20	22 18	22 22	6 36	1 8
S 30	22s54	15s24	3s27	20s25	2n 7	23s46	0s25	24s 1	0s43	5s19	1s22	7s15	2s14	14s18	0s44	21n10	0s31	13s41	17s 6	22s20	22s18	22s22	6n35	1n 8

Julian Day Number = 2299552.5, Delta T = 113.36 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°55'58, Lahiri = 18°02'58 Julian Calendar 1 Nov. 1583 == Greg. Calendar 11 Nov. 1583

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ASTRODIENST EPHEMERIS for the year 1583
geocentric

DECEMBER 1583 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 16 8	18♐27'46	13♏52	12°R39	5°R49	23♐41	19♓51	16♓55	23♒52	22°R 2	4°R58	12♐28	12♐ 4	14♐ 1	14°R 1	S 1
M 2	5 20 5	19°28'53	25°43	11♐28	5♑25	24°27	19°56	16°57	23°54	22♋ 1	4°♈58	12°28	12° 1	14° 8	14°♈ 0	M 2
T 3	5 24 1	20°30'00	7♐30	10°24	4°59	25°12	20° 2	17° 0	23°55	22° 0	4°58	12°R28	11°58	14°14	13°59	T 3
W 4	5 27 58	21°31'08	19°17	9°31	4°32	25°57	20° 7	17° 2	23°57	21°58	4°57	12°28	11°55	14°21	13°58	W 4
T 5	5 31 54	22°32'16	1♑ 6	8°48	4° 2	26°43	20°13	17° 5	23°59	21°57	4°57	12°28	11°52	14°27	13°58	T 5
F 6	5 35 51	23°33'25	12°59	8°15	3°31	27°28	20°19	17° 7	24° 2	21°55	4°57	12°27	11°48	14°34	13°57	F 6
S 7	5 39 48	24°34'34	24°57	7°54	2°59	28°14	20°26	17°10	24° 4	21°54	4°57	12°25	11°45	14°41	13°57	S 7
S 8	5 43 44	25°35'43	7♒ 3	7°43	2°25	29° 0	20°32	17°13	24° 6	21°53	4°57	12°23	11°42	14°47	13°56	S 8
M 9	5 47 41	26°36'53	19°20	7°D42	1°50	29°45	20°39	17°16	24° 8	21°51	4°57	12°21	11°39	14°54	13°56	M 9
T 10	5 51 37	27°38'03	1♓50	7°51	1°14	0♑31	20°45	17°19	24°10	21°50	4°D57	12°19	11°36	15° 1	13°55	T 10
W11	5 55 34	28°39'12	14°37	8° 8	0°38	1°17	20°52	17°22	24°12	21°48	4°57	12°18	11°33	15° 7	13°55	W11
T 12	5 59 30	29°40'22	27°42	8°32	0° 1	2° 3	20°59	17°25	24°15	21°47	4°57	12°D17	11°29	15°14	13°55	T 12
F 13	6 3 27	0♑41'32	11♈10	9° 4	29♐25	2°48	21° 7	17°28	24°17	21°45	4°57	12°17	11°26	15°21	13°55	F 13
S 14	6 7 23	1°42'41	25° 1	9°42	28°48	3°34	21°14	17°32	24°19	21°43	4°57	12°18	11°23	15°27	13°54	S 14
S 15	6 11 20	2°43'51	9♉17	10°26	28°12	4°20	21°22	17°35	24°22	21°42	4°57	12°20	11°20	15°34	13°D54	S 15
M16	6 15 17	3°45'00	23°55	11°15	27°37	5° 6	21°29	17°39	24°24	21°40	4°57	12°21	11°17	15°41	13°54	M16
T 17	6 19 13	4°46'09	8♊52	12° 8	27° 3	5°52	21°37	17°43	24°27	21°39	4°58	12°R22	11°13	15°47	13°54	T 17
W18	6 23 10	5°47'18	24° 0	13° 5	26°29	6°38	21°45	17°46	24°29	21°37	4°58	12°22	11°10	15°54	13°55	W18
T 19	6 27 6	6°48'28	9♋10	14° 5	25°58	7°24	21°54	17°50	24°32	21°35	4°58	12°20	11° 7	16° 1	13°55	T 19
F 20	6 31 3	7°49'37	24°14	15° 9	25°28	8°10	22° 2	17°54	24°35	21°34	4°58	12°17	11° 4	16° 7	13°55	F 20
S 21	6 34 59	8°50'46	9♌ 1	16°16	24°59	8°57	22°10	17°58	24°37	21°32	4°58	12°13	11° 1	16°14	13°55	S 21
S 22	6 38 56	9°51'55	23°25	17°25	24°33	9°43	22°19	18° 2	24°40	21°30	4°59	12° 9	10°58	16°20	13°56	S 22
M23	6 42 53	10°53'04	7♍21	18°36	24° 9	10°29	22°28	18° 7	24°43	21°29	4°59	12° 5	10°54	16°27	13°56	M23
T 24	6 46 49	11°54'13	20°49	19°49	23°47	11°15	22°37	18°11	24°45	21°27	4°59	12° 2	10°51	16°34	13°57	T 24
W25	6 50 46	12°55'22	3♎50	21° 4	23°27	12° 2	22°46	18°15	24°48	21°25	5° 0	12° 0	10°48	16°40	13°57	W25
T 26	6 54 42	13°56'31	16°26	22°20	23° 9	12°48	22°55	18°20	24°51	21°24	5° 0	12°D 0	10°45	16°47	13°58	T 26
F 27	6 58 39	14°57'41	28°43	23°38	22°54	13°34	23° 4	18°24	24°54	21°22	5° 0	12° 1	10°42	16°54	13°58	F 27
S 28	7 2 35	15°58'50	10♏44	24°58	22°42	14°21	23°13	18°29	24°56	21°20	5° 1	12° 3	10°39	17° 0	13°59	S 28
S 29	7 6 32	16°59'59	22°36	26°18	22°32	15° 7	23°23	18°34	24°59	21°19	5° 1	12° 4	10°35	17° 7	14° 0	S 29
M30	7 10 28	18° 1'08	4♐23	27°40	22°24	15°54	23°33	18°38	25° 2	21°17	5° 2	12° 6	10°32	17°14	14° 1	M30
T 31	7 14 25	19♑ 2'16	16♐ 9	29♐ 3	22♐19	16♑40	23♓43	18♓43	25♒ 5	21♋15	5♈ 2	12°R 6	10♐29	17♐20	14♈ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s59	18s28	2s33	20s 1	2n22	23s32	0s11	24s 4	0s43	5s16	1s21	7s14	2s14	14s17	0s44	21n10	0s31	13s41	17s 5	22s20	22s17	22s22	6n35	1n 8
M 2	23 4	20 43	1 32	19 40	2 34	23 19	0n 4	24 6	0 44	5 14	1 21	7 13	2 14	14 16	0 44	21 11	0 31	13 41	17 5	22 20	22 17	22 21	6 34	1 8
T 3	23 9	22 4	0 28	19 22	2 43	23 5	0 19	24 9	0 44	5 12	1 21	7 12	2 14	14 16	0 44	21 11	0 31	13 40	17 5	22 20	22 16	22 21	6 34	1 8
W 4	23 13	22 26	0n38	19 7	2 50	22 50	0 34	24 11	0 45	5 9	1 20	7 11	2 13	14 15	0 44	21 11	0 31	13 40	17 4	22 20	22 16	22 21	6 34	1 8
T 5	23 17	21 48	1 42	18 56	2 55	22 36	0 50	24 12	0 45	5 7	1 20	7 10	2 13	14 14	0 44	21 11	0 31	13 40	17 4	22 20	22 16	22 21	6 33	1 7
F 6	23 20	20 11	2 41	18 48	2 58	22 21	1 5	24 14	0 46	5 4	1 20	7 8	2 13	14 14	0 44	21 11	0 31	13 39	17 3	22 20	22 15	22 21	6 33	1 7
S 7	23 23	17 40	3 35	18 44	2 59	22 6	1 21	24 15	0 46	5 1	1 20	7 7	2 13	14 13	0 44	21 12	0 31	13 39	17 3	22 20	22 15	22 21	6 33	1 7
S 8	23 25	14 23	4 19	18 43	2 58	21 51	1 37	24 16	0 47	4 59	1 19	7 6	2 13	14 12	0 44	21 12	0 31	13 39	17 3	22 20	22 14	22 21	6 32	1 7
M 9	23 27	10 26	4 52	18 45	2 56	21 36	1 52	24 17	0 47	4 56	1 19	7 5	2 13	14 11	0 44	21 12	0 31	13 38	17 2	22 20	22 14	22 21	6 32	1 7
T 10	23 28	6 0	5 11	18 50	2 53	21 21	2 8	24 17	0 48	4 53	1 19	7 3	2 12	14 11	0 43	21 12	0 31	13 38	17 2	22 19	22 13	22 21	6 32	1 7
W11	23 29	1 12	5 16	18 57	2 48	21 6	2 23	24 17	0 48	4 50	1 19	7 2	2 12	14 10	0 43	21 13	0 31	13 38	17 2	22 19	22 13	22 20	6 31	1 7
T 12	23 30	3n45	5 5	19 6	2 42	20 51	2 38	24 17	0 49	4 47	1 19	7 0	2 12	14 9	0 43	21 13	0 31	13 37	17 1	22 19	22 13	22 20	6 31	1 6
F 13	23 29	8 41	4 37	19 17	2 36	20 36	2 53	24 17	0 49	4 44	1 18	6 59	2 12	14 8	0 43	21 13	0 31	13 37	17 1	22 19	22 12	22 20	6 31	1 6
S 14	23 29	13 19	3 53	19 30	2 29	20 22	3 8	24 16	0 49	4 41	1 18	6 57	2 12	14 7	0 43	21 13	0 31	13 37	17 1	22 19	22 12	22 20	6 31	1 6
S 15	23 28	17 21	2 53	19 43	2 22	20 7	3 22	24 15	0 50	4 37	1 18	6 56	2 11	14 7	0 43	21 14	0 31	13 36	17 0	22 19	22 11	22 20	6 31	1 6
M16	23 26	20 25	1 40	19 58	2 14	19 53	3 35	24 14	0 50	4 34	1 18	6 54	2 11	14 6	0 43	21 14	0 31	13 36	17 0	22 20	22 11	22 20	6 31	1 6
T 17	23 24	22 9	0 19	20 13	2 6	19 40	3 48	24 12	0 51	4 31	1 17	6 53	2 11	14 5	0 43	21 14	0 31	13 36	16 59	22 20	22 10	22 19	6 30	1 6
W18	23 22	22 18	1s 4	20 28	1 58	19 26	4 0	24 11	0 51	4 27	1 17	6 51	2 11	14 4	0 43	21 14	0 31	13 35	16 59	22 20	22 10	22 19	6 30	1 6
T 19	23 19	20 48	2 23	20 44	1 49	19 14	4 12	24 9	0 51	4 24	1 17	6 49	2 11	14 3	0 43	21 15	0 31	13 35	16 59	22 19	22 10	22 19	6 30	1 5
F 20	23 16	17 52	3 31	21 0	1 41	19 2	4 23	24 6	0 52	4 21	1 17	6 48	2 11	14 2	0 43	21 15	0 31	13 34	16 58	22 19	22 9	22 19	6 30	1 5
S 21	23 12	13 49	4 23	21 15	1 32	18 50	4 34	24 4	0 52	4 17	1 16	6 46	2 10	14 1	0 43	21 15	0 31	13 34	16 58	22 19	22 9	22 19	6 30	1 5
S 22	23 7	9 3	4 58	21 31	1 23	18 39	4 44	24 1	0 53	4 13	1 16	6 44	2 10	14 0	0 43	21 15	0 31	13 34	16 58	22 18	22 8	22 19	6 30	1 5
M23	23 3	3 59	5 13	21 46	1 15	18 29	4 53	23 58	0 53	4 10	1 16	6 42	2 10	14 0	0 43	21 16	0 31	13 33	16 57	22 17	22 8	22 18	6 30	1 5
T 24	22 57	1s 7	5 10	22 0	1 6	18 20	5 1	23 54	0 53	4 6	1 16	6 40	2 10	13 59	0 43	21 16	0 31	13 33	16 57	22 17	22 7	22 18	6 30	1 5
W25	22 52	5 59	4 52	22 14	0 57	18 11	5 9	23 50	0 54	4 2	1 16	6 39	2 10	13 58	0 43	21 16	0 31	13 32	16 57	22 17	22 7	22 18	6 30	1 5
T 26	22 46	10 28	4 19	22 28	0 49	18 3	5 16	23 47	0 54	3 58	1 15	6 37	2 10	13 57	0 43	21 17	0 31	13 32	16 56	22 17	22 6	22 18	6 31	1 4
F 27	22 39	14 24	3 36	22 40	0 40	17 56	5 23	23 42	0 55	3 54	1 15	6 35	2 9	13 56	0 43	21 17	0 31	13 31	16 56	22 17	22 6	22 17	6 31	1 4
S 28	22 32	17 40	2 43	22 52	0 32	17 49	5 29	23 38	0 55	3 51	1 15	6 33	2 9	13 55	0 43	21 17	0 31	13 31	16 55	22 17	22 6	22 17	6 31	1 4
S 29	22 25	20 9	1 45	23 3	0 23	17 44	5 34	23 33	0 55	3 47	1 15	6 31	2 9	13 54	0 43	21 17	0 31	13 30	16 55	22 17	22 5	22 17	6 31	1 4
M30	22 17	21 45	0 42	23 13	0 15	17 39	5 38	23 28	0 56	3 43	1 15	6 29	2 9	13 53	0 43	21 18	0 31	13 30	16 55	22 18	22 5	22 17	6 31	1 4
T 31	22s 8	22s24	0n22	23s22	0n 7	17s34	5n42	23s23	0s56	3s38	1s14	6s27	2s 9	13s52	0s43	21n18	0s31	13s29	16s54	22s18	22s 4	22s17	6n31	1n 4

Julian Day Number = 2299582.5, Delta T = 113.22 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'02, Lahiri = 18°03'02 Julian Calendar 1 Dec. 1583 == Greg. Calendar 11 Dec. 1583

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1584
geocentric

JANUARY 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 18 22	20♑ 3'25	27♐57	0♑26	22°R17	17♑27	23♓53	18♓48	25♒ 8	21°R14	5♈ 3	12°R 5	10♐26	17♐27	14♈ 2	W 1
T 2	7 22 18	21° 4'32	9♑51	1°51	22°D17	18°13	24° 3	18°53	25°11	21♋12	5° 3	12♐ 1	10°23	17°34	14° 3	T 2
F 3	7 26 15	22° 5'40	21°52	3°16	22♐19	19° 0	24°13	18°58	25°14	21°10	5° 4	11°56	10°19	17°40	14° 5	F 3
S 4	7 30 11	23° 6'47	4♒ 3	4°42	22°24	19°47	24°23	19° 4	25°17	21° 9	5° 4	11°49	10°16	17°47	14° 6	S 4
S 5	7 34 8	24° 7'53	16°23	6° 9	22°31	20°33	24°34	19° 9	25°20	21° 7	5° 5	11°41	10°13	17°53	14° 7	S 5
M 6	7 38 4	25° 8'58	28°55	7°37	22°40	21°20	24°44	19°14	25°23	21° 5	5° 6	11°32	10°10	18° 0	14° 8	M 6
T 7	7 42 1	26°10'02	11♓38	9° 5	22°52	22° 7	24°55	19°20	25°26	21° 3	5° 6	11°25	10° 7	18° 7	14° 9	T 7
W 8	7 45 57	27°11'05	24°34	10°35	23° 6	22°53	25° 6	19°25	25°30	21° 2	5° 7	11°18	10° 4	18°13	14°11	W 8
T 9	7 49 54	28°12'08	7♈44	12° 4	23°21	23°40	25°16	19°31	25°33	21° 0	5° 7	11°14	10° 0	18°20	14°12	T 9
F 10	7 53 51	29°13'09	21° 9	13°35	23°39	24°27	25°27	19°36	25°36	20°58	5° 8	11°12	9°57	18°27	14°13	F 10
S 11	7 57 47	0♒14'09	4♉51	15° 6	23°59	25°14	25°38	19°42	25°39	20°57	5° 9	11°D12	9°54	18°33	14°15	S 11
S 12	8 1 44	1°15'08	18°51	16°38	24°21	26° 1	25°50	19°47	25°42	20°55	5°10	11°13	9°51	18°40	14°16	S 12
M13	8 5 40	2°16'06	3♊ 8	18°10	24°44	26°47	26° 1	19°53	25°46	20°53	5°10	11°14	9°48	18°47	14°18	M13
T 14	8 9 37	3°17'02	17°41	19°43	25° 9	27°34	26°12	19°59	25°49	20°52	5°11	11°R14	9°45	18°53	14°20	T 14
W15	8 13 33	4°17'58	2♋27	21°17	25°36	28°21	26°24	20° 5	25°52	20°50	5°12	11°12	9°41	19° 0	14°21	W15
T 16	8 17 30	5°18'52	17°19	22°52	26° 5	29° 8	26°35	20°11	25°55	20°49	5°13	11° 8	9°38	19° 7	14°23	T 16
F 17	8 21 26	6°19'45	2♌10	24°27	26°35	29°55	26°47	20°17	25°59	20°47	5°14	11° 1	9°35	19°13	14°25	F 17
S 18	8 25 23	7°20'37	16°51	26° 3	27° 7	0♒42	26°59	20°23	26° 2	20°45	5°14	10°52	9°32	19°20	14°27	S 18
S 19	8 29 20	8°21'27	1♍15	27°39	27°40	1°29	27°11	20°29	26° 5	20°44	5°15	10°42	9°29	19°27	14°29	S 19
M20	8 33 16	9°22'17	15°15	29°17	28°15	2°16	27°23	20°35	26° 9	20°42	5°16	10°33	9°25	19°33	14°31	M20
T 21	8 37 13	10°23'05	28°49	0♒55	28°51	3° 3	27°35	20°42	26°12	20°40	5°17	10°25	9°22	19°40	14°33	T 21
W22	8 41 9	11°23'53	11♎56	2°33	29°28	3°50	27°47	20°48	26°15	20°39	5°18	10°18	9°19	19°46	14°35	W22
T 23	8 45 6	12°24'40	24°37	4°13	0♑ 7	4°37	27°59	20°54	26°19	20°37	5°19	10°14	9°16	19°53	14°37	T 23
F 24	8 49 2	13°25'25	6♏57	5°53	0°47	5°24	28°11	21° 1	26°22	20°36	5°20	10°12	9°13	20° 0	14°39	F 24
S 25	8 52 59	14°26'10	19° 0	7°35	1°28	6°12	28°24	21° 7	26°26	20°34	5°21	10°D12	9°10	20° 6	14°41	S 25
S 26	8 56 55	15°26'54	0♐53	9°17	2°10	6°59	28°36	21°14	26°29	20°33	5°22	10°13	9° 6	20°13	14°44	S 26
M27	9 0 52	16°27'36	12°40	10°59	2°53	7°46	28°49	21°20	26°32	20°31	5°23	10°R13	9° 3	20°20	14°46	M27
T 28	9 4 49	17°28'18	24°27	12°43	3°37	8°33	29° 1	21°27	26°36	20°30	5°24	10°12	9° 0	20°26	14°48	T 28
W29	9 8 45	18°28'58	6♑18	14°28	4°22	9°20	29°14	21°33	26°39	20°28	5°25	10° 9	8°57	20°33	14°51	W29
T 30	9 12 42	19°29'37	18°17	16°13	5° 9	10° 7	29°27	21°40	26°43	20°27	5°26	10° 3	8°54	20°40	14°53	T 30
F 31	9 16 38	20♒30'14	0♒28	17♒59	5♑56	10♒54	29♓40	21♓47	26♒46	20♋25	5♈27	9♐54	8♐50	20♐46	14♈55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s59	22s 3	1n25	23s30	0s 1	17s31	5n46	23s17	0s56	3s34	1s14	6s25	2s 9	13s51	0s43	21n18	0s31	13s29	16s54	22s17	22s 4	22s16	6n32	1n 4
T 2	21 50	20 43	2 25	23 37	0 9	17 28	5 48	23 11	0 57	3 30	1 14	6 22	2 8	13 50	0 43	21 18	0 31	13 28	16 54	22 17	22 3	22 16	6 32	1 3
F 3	21 41	18 26	3 19	23 43	0 16	17 26	5 51	23 5	0 57	3 26	1 14	6 20	2 8	13 49	0 43	21 19	0 31	13 28	16 53	22 16	22 3	22 16	6 32	1 3
S 4	21 30	15 19	4 5	23 48	0 23	17 24	5 53	22 59	0 57	3 22	1 14	6 18	2 8	13 48	0 43	21 19	0 31	13 27	16 53	22 15	22 2	22 15	6 32	1 3
S 5	21 20	11 31	4 40	23 52	0 31	17 24	5 54	22 52	0 58	3 17	1 13	6 16	2 8	13 47	0 43	21 19	0 31	13 27	16 53	22 14	22 2	22 15	6 33	1 3
M 6	21 9	7 10	5 1	23 54	0 38	17 23	5 55	22 45	0 58	3 13	1 13	6 14	2 8	13 46	0 43	21 20	0 31	13 26	16 52	22 13	22 1	22 15	6 33	1 3
T 7	20 58	2 27	5 9	23 55	0 44	17 23	5 55	22 38	0 58	3 9	1 13	6 11	2 8	13 44	0 43	21 20	0 31	13 25	16 52	22 12	22 1	22 15	6 34	1 3
W 8	20 46	2n26	5 1	23 55	0 51	17 24	5 55	22 31	0 59	3 4	1 13	6 9	2 8	13 43	0 43	21 20	0 31	13 25	16 52	22 11	22 0	22 14	6 34	1 3
T 9	20 34	7 18	4 37	23 54	0 57	17 25	5 55	22 23	0 59	3 0	1 13	6 7	2 7	13 42	0 43	21 20	0 31	13 24	16 51	22 11	22 0	22 14	6 34	1 3
F 10	20 22	11 56	3 57	23 51	1 3	17 27	5 54	22 15	0 59	2 55	1 13	6 5	2 7	13 41	0 43	21 21	0 31	13 24	16 51	22 10	22 0	22 14	6 35	1 2
S 11	20 9	16 3	3 3	23 47	1 9	17 29	5 53	22 7	1 0	2 51	1 12	6 2	2 7	13 40	0 43	21 21	0 31	13 23	16 51	22 10	21 59	22 13	6 35	1 2
S 12	19 55	19 21	1 58	23 42	1 15	17 31	5 51	21 58	1 0	2 46	1 12	6 0	2 7	13 39	0 43	21 21	0 31	13 23	16 50	22 10	21 59	22 13	6 36	1 2
M13	19 42	21 33	0 44	23 35	1 20	17 34	5 50	21 50	1 0	2 41	1 12	5 57	2 7	13 38	0 43	21 21	0 31	13 22	16 50	22 10	21 58	22 13	6 36	1 2
T 14	19 28	22 21	0s35	23 27	1 26	17 37	5 47	21 41	1 0	2 37	1 12	5 55	2 7	13 37	0 43	21 22	0 31	13 21	16 50	22 10	21 58	22 13	6 37	1 2
W15	19 14	21 37	1 52	23 18	1 30	17 40	5 45	21 32	1 1	2 32	1 12	5 53	2 7	13 36	0 43	21 22	0 31	13 21	16 49	22 10	21 57	22 12	6 37	1 2
T 16	18 59	19 22	3 1	23 7	1 35	17 44	5 42	21 22	1 1	2 27	1 12	5 50	2 7	13 35	0 43	21 22	0 31	13 20	16 49	22 10	21 57	22 12	6 38	1 2
F 17	18 44	15 51	3 59	22 54	1 39	17 47	5 40	21 13	1 1	2 22	1 11	5 48	2 6	13 33	0 43	21 22	0 31	13 20	16 49	22 9	21 56	22 12	6 38	1 1
S 18	18 29	11 23	4 39	22 41	1 43	17 51	5 37	21 3	1 1	2 17	1 11	5 45	2 6	13 32	0 43	21 23	0 31	13 19	16 48	22 7	21 56	22 11	6 39	1 1
S 19	18 13	6 22	5 1	22 25	1 47	17 55	5 33	20 53	1 2	2 13	1 11	5 43	2 6	13 31	0 43	21 23	0 31	13 18	16 48	22 6	21 55	22 11	6 40	1 1
M20	17 57	1 9	5 4	22 9	1 50	17 59	5 30	20 42	1 2	2 8	1 11	5 40	2 6	13 30	0 43	21 23	0 31	13 18	16 48	22 5	21 55	22 11	6 40	1 1
T 21	17 41	3s57	4 50	21 51	1 53	18 3	5 26	20 32	1 2	2 3	1 11	5 38	2 6	13 29	0 43	21 24	0 31	13 17	16 48	22 4	21 54	22 10	6 41	1 1
W22	17 24	8 43	4 20	21 31	1 56	18 7	5 22	20 21	1 2	1 58	1 11	5 35	2 6	13 28	0 43	21 24	0 31	13 17	16 47	22 3	21 54	22 10	6 42	1 1
T 23	17 7	12 57	3 39	21 10	1 59	18 11	5 18	20 10	1 3	1 53	1 10	5 32	2 6	13 27	0 43	21 24	0 31	13 16	16 47	22 2	21 53	22 9	6 42	1 1
F 24	16 50	16 31	2 48	20 47	2 1	18 16	5 14	19 59	1 3	1 48	1 10	5 30	2 6	13 25	0 43	21 24	0 31	13 15	16 47	22 2	21 53	22 9	6 43	1 1
S 25	16 32	19 17	1 51	20 23	2 2	18 20	5 10	19 47	1 3	1 43	1 10	5 27	2 6	13 24	0 43	21 25	0 31	13 15	16 46	22 2	21 52	22 9	6 44	1 0
S 26	16 14	21 11	0 50	19 57	2 4	18 24	5 5	19 35	1 3	1 38	1 10	5 25	2 6	13 23	0 43	21 25	0 31	13 14	16 46	22 2	21 52	22 8	6 45	1 0
M27	15 56	22 9	0n13	19 30	2 4	18 27	5 0	19 23	1 3	1 32	1 10	5 22	2 6	13 22	0 43	21 25	0 31	13 13	16 46	22 2	21 51	22 8	6 45	1 0
T 28	15 38	22 7	1 15	19 2	2 5	18 31	4 56	19 11	1 4	1 27	1 10	5 19	2 5	13 21	0 43	21 25	0 31	13 13	16 46	22 2	21 51	22 8	6 46	1 0
W29	15 19	21 6	2 14	18 31	2 5	18 35	4 51	18 59	1 4	1 22	1 10	5 16	2 5	13 20	0 43	21 26	0 31	13 12	16 45	22 1	21 50	22 7	6 47	1 0
T 30	15 0	19 8	3 8	17 59	2 5	18 38	4 46	18 46	1 4	1 17	1 9	5 14	2 5	13 18	0 43	21 26	0 31	13 11	16 45	22 0	21 50	22 7	6 48	1 0
F 31	14s41	16s17	3n54	17s26	2s 4	18s41	4n41	18s34	1s 4	1s12	1s 9	5s11	2s 5	13s17	0s43	21n26	0s31	13s11	16s45	21s59	21s49	22s 6	6n49	1n 0

Julian Day Number = 2299613.5, Delta T = 113.07 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'06, Lahiri = 18°03'07 Julian Calendar 1 Jan. 1584 == Greg. Calendar 11 Jan. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

FEBRUARY 1584 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 20 35	21♒30'50	12♒52	19♒46	6♉44	11♒42	29♓52	21♓54	26♒50	20°R24	5♈28	9°R43	8♐47	20♐53	14♈58	S 1
S 2	9 24 31	22°31'25	25°29	21°34	7°32	12°29	0♈ 5	22° 0	26°53	20♋23	5°29	9♐30	8°44	21° 0	15° 1	S 2
M 3	9 28 28	23°31'58	8♓21	23°23	8°22	13°16	0°18	22° 7	26°56	20°21	5°30	9°16	8°41	21° 6	15° 3	M 3
T 4	9 32 24	24°32'29	21°25	25°13	9°12	14° 3	0°32	22°14	27° 0	20°20	5°32	9° 4	8°38	21°13	15° 6	T 4
W 5	9 36 21	25°32'59	4♈41	27° 3	10° 3	14°51	0°45	22°21	27° 3	20°19	5°33	8°54	8°35	21°20	15° 8	W 5
T 6	9 40 18	26°33'27	18° 7	28°54	10°55	15°38	0°58	22°28	27° 7	20°17	5°34	8°46	8°31	21°26	15°11	T 6
F 7	9 44 14	27°33'53	1♉44	0♓46	11°47	16°25	1°11	22°35	27°10	20°16	5°35	8°41	8°28	21°33	15°14	F 7
S 8	9 48 11	28°34'17	15°29	2°39	12°40	17°12	1°25	22°42	27°14	20°15	5°36	8°39	8°25	21°40	15°17	S 8
S 9	9 52 7	29°34'39	29°25	4°32	13°34	18° 0	1°38	22°49	27°17	20°13	5°37	8°38	8°22	21°46	15°20	S 9
M10	9 56 4	0♓34'59	13♊29	6°25	14°28	18°47	1°51	22°56	27°21	20°12	5°39	8°38	8°19	21°53	15°22	M10
T 11	10 0 0	1°35'17	27°43	8°19	15°23	19°34	2° 5	23° 3	27°24	20°11	5°40	8°37	8°16	21°59	15°25	T 11
W12	10 3 57	2°35'34	12♋ 4	10°13	16°18	20°21	2°18	23°10	27°28	20°10	5°41	8°34	8°12	22° 6	15°28	W12
T 13	10 7 53	3°35'48	26°30	12° 8	17°14	21° 9	2°32	23°18	27°31	20° 9	5°42	8°29	8° 9	22°13	15°31	T 13
F 14	10 11 50	4°36'00	10♌55	14° 2	18°11	21°56	2°46	23°25	27°34	20° 8	5°44	8°20	8° 6	22°19	15°34	F 14
S 15	10 15 47	5°36'10	25°14	15°55	19° 8	22°43	2°59	23°32	27°38	20° 7	5°45	8° 9	8° 3	22°26	15°37	S 15
S 16	10 19 43	6°36'18	9♍21	17°48	20° 5	23°30	3°13	23°39	27°41	20° 5	5°46	7°56	8° 0	22°33	15°40	S 16
M17	10 23 40	7°36'24	23°10	19°40	21° 3	24°18	3°27	23°46	27°45	20° 4	5°48	7°44	7°56	22°39	15°43	M17
T 18	10 27 36	8°36'29	6♎38	21°30	22° 2	25° 5	3°41	23°54	27°48	20° 3	5°49	7°32	7°53	22°46	15°47	T 18
W19	10 31 33	9°36'31	19°42	23°18	23° 0	25°52	3°55	24° 1	27°52	20° 2	5°50	7°23	7°50	22°53	15°50	W19
T 20	10 35 29	10°36'33	2♏24	25° 4	24° 0	26°39	4° 9	24° 8	27°55	20° 1	5°51	7°17	7°47	22°59	15°53	T 20
F 21	10 39 26	11°36'32	14°46	26°48	24°59	27°27	4°22	24°16	27°58	20° 1	5°53	7°13	7°44	23° 6	15°56	F 21
S 22	10 43 22	12°36'30	26°52	28°28	25°59	28°14	4°36	24°23	28° 2	20° 0	5°54	7°11	7°41	23°13	15°59	S 22
S 23	10 47 19	13°36'26	8♐46	0♈ 4	27° 0	29° 1	4°51	24°30	28° 5	19°59	5°55	7°11	7°37	23°19	16° 3	S 23
M24	10 51 15	14°36'21	20°35	1°36	28° 1	29°48	5° 5	24°38	28° 8	19°58	5°57	7°11	7°34	23°26	16° 6	M24
T 25	10 55 12	15°36'13	2♑23	3° 4	29° 2	0♓35	5°19	24°45	28°12	19°57	5°58	7°10	7°31	23°33	16° 9	T 25
W26	10 59 9	16°36'05	14°17	4°26	0♒ 3	1°23	5°33	24°53	28°15	19°56	6° 0	7° 7	7°28	23°39	16°13	W26
T 27	11 3 5	17°35'54	26°20	5°42	1° 5	2°10	5°47	25° 0	28°18	19°56	6° 1	7° 2	7°25	23°46	16°16	T 27
F 28	11 7 2	18°35'41	8♒38	6°52	2° 7	2°57	6° 1	25° 7	28°22	19°55	6° 2	6°54	7°22	23°52	16°20	F 28
S 29	11 10 58	19♓35'27	21♒12	7♈55	3♒ 9	3♓44	6♈15	25♓15	28♒25	19♋54	6♈ 4	6♐43	7♐18	23♐59	16♈23	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s22	12s41	4n29	16s51	2s 2	18s44	4n36	18s21	1s 4	1s 6	1s 9	5s 8	2s 5	13s16	0s43	21n26	0s30	13s10	16s45	21s57	21s49	22s 6	6n49	1n 0
S 2	14 2	8 28	4 52	16 15	2 1	18 47	4 30	18 8	1 5	1 1	1 9	5 5	2 5	13 15	0 43	21 26	0 30	13 9	16 44	21 55	21 48	22 6	6 50	0 59
M 3	13 42	3 48	5 1	15 37	1 58	18 49	4 25	17 54	1 5	0 56	1 9	5 3	2 5	13 14	0 43	21 27	0 30	13 9	16 44	21 53	21 48	22 5	6 51	0 59
T 4	13 22	1n 6	4 54	14 58	1 56	18 51	4 20	17 41	1 5	0 51	1 9	5 0	2 5	13 12	0 43	21 27	0 30	13 8	16 44	21 52	21 47	22 5	6 52	0 59
W 5	13 2	6 1	4 32	14 17	1 52	18 53	4 14	17 27	1 5	0 45	1 9	4 57	2 5	13 11	0 43	21 27	0 30	13 7	16 44	21 50	21 47	22 4	6 53	0 59
T 6	12 41	10 43	3 54	13 34	1 48	18 55	4 9	17 13	1 5	0 40	1 9	4 54	2 5	13 10	0 43	21 27	0 30	13 7	16 43	21 49	21 46	22 4	6 54	0 59
F 7	12 21	14 57	3 2	12 51	1 44	18 56	4 3	16 59	1 5	0 34	1 9	4 52	2 5	13 9	0 43	21 28	0 30	13 6	16 43	21 48	21 46	22 3	6 55	0 59
S 8	12 0	18 25	1 59	12 5	1 39	18 57	3 57	16 45	1 5	0 29	1 8	4 49	2 5	13 8	0 43	21 28	0 30	13 5	16 43	21 48	21 45	22 3	6 56	0 59
S 9	11 39	20 52	0 49	11 19	1 33	18 57	3 52	16 31	1 5	0 24	1 8	4 46	2 5	13 7	0 43	21 28	0 30	13 5	16 43	21 48	21 45	22 3	6 57	0 59
M10	11 17	22 3	0s26	10 31	1 27	18 57	3 46	16 16	1 6	0 18	1 8	4 43	2 5	13 5	0 43	21 28	0 30	13 4	16 43	21 48	21 44	22 2	6 58	0 59
T 11	10 56	21 49	1 39	9 42	1 20	18 57	3 40	16 1	1 6	0 13	1 8	4 40	2 5	13 4	0 43	21 28	0 30	13 3	16 42	21 47	21 44	22 2	6 59	0 58
W12	10 34	20 10	2 47	8 52	1 13	18 57	3 35	15 46	1 6	0 7	1 8	4 37	2 5	13 3	0 43	21 29	0 30	13 3	16 42	21 47	21 43	22 1	7 0	0 58
T 13	10 13	17 14	3 44	8 1	1 5	18 56	3 29	15 31	1 6	0 2	1 8	4 34	2 4	13 2	0 43	21 29	0 30	13 2	16 42	21 46	21 43	22 1	7 1	0 58
F 14	9 51	13 15	4 27	7 9	0 56	18 54	3 23	15 16	1 6	0n 4	1 8	4 31	2 4	13 1	0 43	21 29	0 30	13 1	16 42	21 45	21 42	22 0	7 2	0 58
S 15	9 29	8 32	4 53	6 17	0 47	18 52	3 17	15 1	1 6	0 9	1 8	4 29	2 4	12 59	0 43	21 29	0 30	13 1	16 42	21 43	21 42	22 0	7 3	0 58
S 16	9 6	3 27	5 0	5 24	0 37	18 50	3 11	14 45	1 6	0 15	1 8	4 26	2 4	12 58	0 43	21 29	0 30	13 0	16 41	21 41	21 41	21 59	7 4	0 58
M17	8 44	1s43	4 50	4 30	0 26	18 47	3 5	14 29	1 6	0 20	1 8	4 23	2 4	12 57	0 43	21 29	0 30	12 59	16 41	21 39	21 41	21 59	7 5	0 58
T 18	8 22	6 40	4 23	3 37	0 15	18 44	3 0	14 14	1 6	0 26	1 7	4 20	2 4	12 56	0 43	21 30	0 30	12 59	16 41	21 37	21 40	21 58	7 7	0 58
W19	7 59	11 10	3 43	2 43	0 3	18 40	2 54	13 58	1 6	0 32	1 7	4 17	2 4	12 55	0 43	21 30	0 30	12 58	16 41	21 35	21 40	21 58	7 8	0 58
T 20	7 36	15 2	2 53	1 50	0n 9	18 36	2 48	13 42	1 6	0 37	1 7	4 14	2 4	12 54	0 43	21 30	0 30	12 58	16 41	21 34	21 39	21 57	7 9	0 57
F 21	7 14	18 9	1 56	0 57	0 21	18 32	2 42	13 25	1 6	0 43	1 7	4 11	2 4	12 52	0 43	21 30	0 30	12 57	16 41	21 34	21 39	21 57	7 10	0 57
S 22	6 51	20 23	0 54	0 6	0 34	18 26	2 36	13 9	1 6	0 48	1 7	4 8	2 4	12 51	0 43	21 30	0 30	12 56	16 40	21 34	21 38	21 56	7 11	0 57
S 23	6 28	21 40	0n 8	0n45	0 47	18 21	2 30	12 53	1 6	0 54	1 7	4 5	2 4	12 50	0 43	21 30	0 30	12 56	16 40	21 33	21 38	21 56	7 12	0 57
M24	6 4	21 59	1 10	1 34	1 0	18 15	2 24	12 36	1 6	1 0	1 7	4 2	2 4	12 49	0 43	21 31	0 30	12 55	16 40	21 33	21 37	21 55	7 13	0 57
T 25	5 41	21 19	2 9	2 21	1 14	18 8	2 19	12 19	1 6	1 5	1 7	3 59	2 4	12 48	0 43	21 31	0 30	12 54	16 40	21 33	21 37	21 55	7 15	0 57
W26	5 18	19 41	3 3	3 6	1 27	18 1	2 13	12 2	1 6	1 11	1 7	3 56	2 4	12 47	0 43	21 31	0 30	12 54	16 40	21 33	21 36	21 54	7 16	0 57
T 27	4 55	17 11	3 49	3 48	1 41	17 54	2 7	11 45	1 6	1 17	1 7	3 53	2 4	12 45	0 43	21 31	0 30	12 53	16 40	21 32	21 36	21 54	7 17	0 57
F 28	4 31	13 52	4 26	4 28	1 54	17 46	2 1	11 28	1 6	1 22	1 7	3 50	2 4	12 44	0 43	21 31	0 30	12 52	16 40	21 31	21 35	21 53	7 18	0 57
S 29	4s 8	9s53	4n50	5n 5	2n 7	17s37	1n55	11s11	1s 6	1n28	1s 7	3s48	2s 4	12s43	0s43	21n31	0s30	12s52	16s40	21s29	21s35	21s53	7n20	0n57

Julian Day Number = 2299644.5, Delta T = 112.93 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'10, Lahiri = 18°03'11 Julian Calendar 1 Feb. 1584 == Greg. Calendar 11 Feb. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

MARCH 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 14 55	20♓35'11	4♓ 4	8♈51	4♒12	4♓31	6♈30	25♓22	28♒28	19°R53	6♈ 5	6°R31	7♐15	24♐ 6	16♈26	S 1
M 2	11 18 51	21°34'53	17°15	9°39	5°15	5°19	6°44	25°30	28°32	19♋53	6° 7	6♐18	7°12	24°12	16°30	M 2
T 3	11 22 48	22°34'33	0♈42	10°21	6°18	6° 6	6°58	25°37	28°35	19°52	6° 8	6° 6	7° 9	24°19	16°33	T 3
W 4	11 26 44	23°34'10	14°23	10°54	7°22	6°53	7°12	25°45	28°38	19°52	6° 9	5°56	7° 6	24°26	16°37	W 4
T 5	11 30 41	24°33'46	28°14	11°19	8°25	7°40	7°27	25°52	28°41	19°51	6°11	5°48	7° 2	24°32	16°40	T 5
F 6	11 34 38	25°33'20	12♉12	11°36	9°29	8°27	7°41	26° 0	28°44	19°51	6°12	5°43	6°59	24°39	16°44	F 6
S 7	11 38 34	26°32'51	26°15	11°45	10°34	9°14	7°56	26° 7	28°48	19°50	6°14	5°41	6°56	24°46	16°48	S 7
S 8	11 42 31	27°32'20	10♊21	11°R46	11°38	10° 1	8°10	26°15	28°51	19°50	6°15	5°D41	6°53	24°52	16°51	S 8
M 9	11 46 27	28°31'47	24°27	11°40	12°43	10°48	8°24	26°22	28°54	19°49	6°17	5°R42	6°50	24°59	16°55	M 9
T 10	11 50 24	29°31'11	8♋34	11°26	13°48	11°35	8°39	26°29	28°57	19°49	6°18	5°41	6°47	25° 6	16°58	T 10
W11	11 54 20	0♈30'33	22°39	11° 5	14°53	12°22	8°53	26°37	29° 0	19°48	6°20	5°39	6°43	25°12	17° 2	W11
T 12	11 58 17	1°29'52	6♌43	10°38	15°58	13° 9	9° 8	26°44	29° 3	19°48	6°21	5°35	6°40	25°19	17° 6	T 12
F 13	12 2 13	2°29'10	20°41	10° 5	17° 3	13°56	9°22	26°52	29° 6	19°48	6°22	5°28	6°37	25°26	17° 9	F 13
S 14	12 6 10	3°28'24	4♍33	9°27	18° 9	14°43	9°37	26°59	29° 9	19°48	6°24	5°19	6°34	25°32	17°13	S 14
S 15	12 10 7	4°27'37	18°13	8°45	19°15	15°30	9°51	27° 7	29°12	19°47	6°25	5° 9	6°31	25°39	17°17	S 15
M16	12 14 3	5°26'47	1♎40	8° 0	20°21	16°17	10° 6	27°14	29°15	19°47	6°27	4°58	6°27	25°46	17°20	M16
T 17	12 18 0	6°25'56	14°50	7°12	21°27	17° 4	10°20	27°22	29°18	19°47	6°28	4°49	6°24	25°52	17°24	T 17
W18	12 21 56	7°25'02	27°42	6°24	22°33	17°51	10°34	27°29	29°21	19°47	6°30	4°41	6°21	25°59	17°28	W18
T 19	12 25 53	8°24'07	10♏17	5°35	23°40	18°37	10°49	27°36	29°24	19°47	6°31	4°36	6°18	26° 6	17°32	T 19
F 20	12 29 49	9°23'09	22°35	4°46	24°46	19°24	11° 3	27°44	29°27	19°47	6°33	4°33	6°15	26°12	17°35	F 20
S 21	12 33 46	10°22'10	4♐40	3°59	25°53	20°11	11°18	27°51	29°30	19°D47	6°34	4°D32	6°12	26°19	17°39	S 21
S 22	12 37 42	11°21'09	16°34	3°15	27° 0	20°58	11°32	27°58	29°32	19°47	6°36	4°33	6° 8	26°25	17°43	S 22
M23	12 41 39	12°20'06	28°24	2°34	28° 7	21°45	11°47	28° 6	29°35	19°47	6°37	4°34	6° 5	26°32	17°47	M23
T 24	12 45 36	13°19'02	10♑13	1°56	29°15	22°31	12° 1	28°13	29°38	19°47	6°38	4°R35	6° 2	26°39	17°50	T 24
W25	12 49 32	14°17'55	22° 8	1°23	0♓22	23°18	12°16	28°20	29°41	19°47	6°40	4°35	5°59	26°45	17°54	W25
T 26	12 53 29	15°16'47	4♒13	0°54	1°30	24° 5	12°30	28°28	29°43	19°47	6°41	4°33	5°56	26°52	17°58	T 26
F 27	12 57 25	16°15'37	16°33	0°30	2°37	24°51	12°45	28°35	29°46	19°47	6°43	4°29	5°53	26°59	18° 2	F 27
S 28	13 1 22	17°14'25	29°11	0°11	3°45	25°38	12°59	28°42	29°48	19°48	6°44	4°23	5°49	27° 5	18° 5	S 28
S 29	13 5 18	18°13'12	12♓12	29♓58	4°53	26°24	13°14	28°49	29°51	19°48	6°46	4°16	5°46	27°12	18° 9	S 29
M30	13 9 15	19°11'56	25°34	29°50	6° 1	27°11	13°28	28°56	29°54	19°48	6°47	4° 8	5°43	27°19	18°13	M30
T 31	13 13 11	20♈10'39	9♈18	29°D47	7♓ 9	27♓57	13♈43	29♓ 4	29♒56	19♋49	6♈48	4♐ 0	5♐40	27♐25	18♈17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s44	5s22	5n 1	5n38	2n19	17s28	1n50	10s54	1s 6	1n34	1s 7	3s45	2s 4	12s42	0s43	21n31	0s30	12s51	16s39	21s27	21s34	21s52	7n21	0n56
M 2	3 21	0 30	4 56	6 8	2 30	17 19	1 44	10 36	1 6	1 40	1 7	3 42	2 4	12 41	0 43	21 32	0 30	12 50	16 39	21 24	21 34	21 51	7 22	0 56
T 3	2 57	4n28	4 34	6 35	2 41	17 9	1 38	10 19	1 6	1 45	1 6	3 39	2 4	12 40	0 43	21 32	0 30	12 50	16 39	21 22	21 33	21 51	7 23	0 56
W 4	2 34	9 19	3 57	6 57	2 51	16 58	1 33	10 1	1 6	1 51	1 6	3 36	2 4	12 39	0 43	21 32	0 30	12 49	16 39	21 21	21 33	21 50	7 25	0 56
T 5	2 10	13 45	3 5	7 15	3 1	16 48	1 27	9 44	1 6	1 57	1 6	3 33	2 4	12 38	0 43	21 32	0 30	12 49	16 39	21 19	21 32	21 50	7 26	0 56
F 6	1 46	17 27	2 1	7 29	3 9	16 36	1 22	9 26	1 6	2 2	1 6	3 30	2 4	12 36	0 43	21 32	0 30	12 48	16 39	21 18	21 31	21 49	7 27	0 56
S 7	1 23	20 10	0 50	7 39	3 15	16 24	1 16	9 8	1 6	2 8	1 6	3 27	2 4	12 35	0 43	21 32	0 30	12 47	16 39	21 18	21 31	21 49	7 28	0 56
S 8	0 59	21 38	0s25	7 44	3 21	16 12	1 11	8 50	1 6	2 14	1 6	3 24	2 4	12 34	0 43	21 32	0 30	12 47	16 39	21 18	21 30	21 48	7 30	0 56
M 9	0 35	21 44	1 38	7 45	3 25	15 59	1 6	8 32	1 5	2 20	1 6	3 21	2 4	12 33	0 43	21 32	0 30	12 46	16 39	21 18	21 30	21 47	7 31	0 56
T 10	0 11	20 28	2 46	7 42	3 27	15 46	1 0	8 14	1 5	2 25	1 6	3 18	2 4	12 32	0 43	21 32	0 30	12 45	16 39	21 18	21 29	21 47	7 32	0 56
W11	0n12	17 55	3 43	7 35	3 28	15 32	0 55	7 56	1 5	2 31	1 6	3 15	2 5	12 31	0 43	21 32	0 30	12 45	16 39	21 18	21 29	21 46	7 34	0 56
T 12	0 36	14 20	4 27	7 23	3 27	15 18	0 50	7 38	1 5	2 37	1 6	3 12	2 5	12 30	0 43	21 32	0 30	12 44	16 39	21 17	21 28	21 46	7 35	0 55
F 13	0 59	9 59	4 54	7 8	3 24	15 3	0 45	7 20	1 5	2 42	1 6	3 9	2 5	12 29	0 43	21 33	0 29	12 44	16 39	21 16	21 28	21 45	7 36	0 55
S 14	1 23	5 9	5 4	6 49	3 20	14 48	0 40	7 2	1 5	2 48	1 6	3 6	2 5	12 28	0 43	21 33	0 29	12 43	16 39	21 14	21 27	21 44	7 38	0 55
S 15	1 47	0 8	4 56	6 26	3 13	14 32	0 35	6 43	1 5	2 54	1 6	3 3	2 5	12 27	0 43	21 33	0 29	12 43	16 39	21 12	21 27	21 44	7 39	0 55
M16	2 10	4s49	4 32	6 1	3 5	14 16	0 30	6 25	1 5	3 0	1 6	3 1	2 5	12 26	0 43	21 33	0 29	12 42	16 39	21 10	21 26	21 43	7 40	0 55
T 17	2 34	9 27	3 54	5 34	2 56	14 0	0 25	6 6	1 4	3 5	1 6	2 58	2 5	12 25	0 43	21 33	0 29	12 41	16 39	21 9	21 26	21 43	7 42	0 55
W18	2 57	13 33	3 4	5 4	2 45	13 43	0 20	5 48	1 4	3 11	1 6	2 55	2 5	12 24	0 43	21 33	0 29	12 41	16 39	21 7	21 25	21 42	7 43	0 55
T 19	3 20	16 56	2 6	4 34	2 33	13 25	0 15	5 29	1 4	3 17	1 6	2 52	2 5	12 23	0 43	21 33	0 29	12 40	16 39	21 6	21 24	21 41	7 44	0 55
F 20	3 44	19 29	1 4	4 2	2 20	13 8	0 10	5 11	1 4	3 22	1 6	2 49	2 5	12 22	0 43	21 33	0 29	12 40	16 39	21 6	21 24	21 41	7 46	0 55
S 21	4 7	21 6	0n 1	3 30	2 5	12 50	0 6	4 52	1 4	3 28	1 6	2 46	2 5	12 21	0 43	21 33	0 29	12 39	16 39	21 6	21 23	21 40	7 47	0 55
S 22	4 30	21 45	1 4	2 59	1 50	12 31	0 1	4 34	1 3	3 34	1 6	2 43	2 5	12 20	0 43	21 33	0 29	12 39	16 39	21 6	21 23	21 39	7 48	0 55
M23	4 53	21 24	2 5	2 28	1 34	12 12	0s 3	4 15	1 3	3 40	1 6	2 40	2 5	12 19	0 43	21 33	0 29	12 38	16 39	21 6	21 22	21 39	7 50	0 54
T 24	5 16	20 6	3 0	1 58	1 18	11 53	0 8	3 56	1 3	3 45	1 6	2 38	2 5	12 18	0 43	21 33	0 29	12 38	16 39	21 6	21 22	21 38	7 51	0 54
W25	5 39	17 55	3 48	1 30	1 2	11 33	0 12	3 38	1 3	3 51	1 6	2 35	2 5	12 17	0 43	21 33	0 29	12 37	16 39	21 6	21 21	21 37	7 53	0 54
T 26	6 2	14 56	4 27	1 3	0 46	11 13	0 16	3 19	1 3	3 57	1 6	2 32	2 5	12 16	0 43	21 33	0 29	12 36	16 39	21 6	21 21	21 37	7 54	0 54
F 27	6 25	11 15	4 54	0 39	0 29	10 53	0 20	3 0	1 2	4 2	1 6	2 29	2 6	12 15	0 43	21 33	0 29	12 36	16 39	21 5	21 20	21 36	7 55	0 54
S 28	6 47	6 59	5 7	0 17	0 13	10 32	0 24	2 41	1 2	4 8	1 6	2 26	2 6	12 15	0 43	21 33	0 29	12 35	16 39	21 4	21 20	21 35	7 57	0 54
S 29	7 10	2 18	5 5	0s 3	0s 2	10 11	0 28	2 23	1 2	4 13	1 6	2 24	2 6	12 14	0 43	21 33	0 29	12 35	16 39	21 3	21 19	21 35	7 58	0 54
M30	7 32	2n38	4 47	0 20	0 17	9 50	0 32	2 4	1 2	4 19	1 6	2 21	2 6	12 13	0 43	21 33	0 29	12 34	16 39	21 1	21 18	21 34	7 59	0 54
T 31	7n54	7n33	4n12	0s35	0s32	9s28	0s36	1s45	1s 1	4n25	1s 6	2s18	2s 6	12s12	0s44	21n33	0s29	12s34	16s39	21s 0	21s18	21s33	8n 1	0n54

Julian Day Number = 2299673.5, Delta T = 112.80 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'14, Lahiri = 18°03'15 Julian Calendar 1 March 1584 == Greg. Calendar 11 March 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

APRIL 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 17 8	21♈ 9'20	23♈20	29♓49	8♓17	28♓44	13♈57	29♓11	29♒59	19♋49	6♈50	3°R54	5♐37	27♐32	18♈21	W 1
T 2	13 21 4	22° 7'59	7♉36	29°56	9°26	29°30	14°12	29°18	0♓ 1	19°49	6°51	3♐50	5°33	27°39	18°24	T 2
F 3	13 25 1	23° 6'35	22° 1	0♈ 8	10°34	0♈17	14°26	29°25	0° 3	19°50	6°53	3°47	5°30	27°45	18°28	F 3
S 4	13 28 58	24° 5'10	6♊29	0°25	11°43	1° 3	14°40	29°32	0° 6	19°50	6°54	3°D47	5°27	27°52	18°32	S 4
S 5	13 32 54	25° 3'43	20°56	0°47	12°51	1°49	14°55	29°39	0° 8	19°51	6°56	3°48	5°24	27°59	18°36	S 5
M 6	13 36 51	26° 2'14	5♋17	1°13	14° 0	2°36	15° 9	29°46	0°10	19°51	6°57	3°49	5°21	28° 5	18°39	M 6
T 7	13 40 47	27° 0'42	19°30	1°43	15° 9	3°22	15°24	29°53	0°13	19°52	6°58	3°50	5°18	28°12	18°43	T 7
W 8	13 44 44	27°59'08	3♌33	2°18	16°18	4° 8	15°38	29°59	0°15	19°52	7° 0	3°R50	5°14	28°19	18°47	W 8
T 9	13 48 40	28°57'32	17°25	2°56	17°27	4°54	15°52	0♈ 7	0°17	19°53	7° 1	3°49	5°11	28°25	18°51	T 9
F 10	13 52 37	29°55'54	1♍ 6	3°39	18°36	5°40	16° 6	0°14	0°19	19°54	7° 2	3°46	5° 8	28°32	18°54	F 10
S 11	13 56 33	0♉54'13	14°34	4°24	19°45	6°26	16°21	0°20	0°21	19°54	7° 4	3°42	5° 5	28°39	18°58	S 11
S 12	14 0 30	1°52'31	27°49	5°14	20°54	7°12	16°35	0°27	0°23	19°55	7° 5	3°37	5° 2	28°45	19° 2	S 12
M13	14 4 27	2°50'46	10♎51	6° 6	22° 3	7°58	16°49	0°34	0°25	19°56	7° 6	3°32	4°59	28°52	19° 5	M13
T 14	14 8 23	3°49'00	23°39	7° 2	23°13	8°44	17° 3	0°41	0°27	19°56	7° 8	3°27	4°55	28°59	19° 9	T 14
W15	14 12 20	4°47'12	6♏14	8° 1	24°22	9°30	17°17	0°47	0°29	19°57	7° 9	3°23	4°52	29° 5	19°13	W15
T 16	14 16 16	5°45'22	18°35	9° 2	25°31	10°16	17°32	0°54	0°31	19°58	7°10	3°21	4°49	29°12	19°16	T 16
F 17	14 20 13	6°43'30	0♐45	10° 7	26°41	11° 2	17°46	1° 0	0°33	19°59	7°12	3°D20	4°46	29°19	19°20	F 17
S 18	14 24 9	7°41'37	12°44	11°14	27°51	11°48	18° 0	1° 7	0°35	20° 0	7°13	3°21	4°43	29°25	19°24	S 18
S 19	14 28 6	8°39'42	24°37	12°24	29° 0	12°33	18°14	1°13	0°37	20° 1	7°14	3°22	4°39	29°32	19°27	S 19
M20	14 32 2	9°37'46	6♑26	13°36	0♈10	13°19	18°28	1°20	0°38	20° 2	7°16	3°23	4°36	29°39	19°31	M20
T 21	14 35 59	10°35'49	18°16	14°51	1°20	14° 5	18°42	1°26	0°40	20° 3	7°17	3°25	4°33	29°45	19°34	T 21
W22	14 39 56	11°33'50	0♒11	16° 8	2°30	14°50	18°56	1°32	0°42	20° 4	7°18	3°26	4°30	29°52	19°38	W22
T 23	14 43 52	12°31'49	12°15	17°28	3°40	15°36	19° 9	1°39	0°43	20° 5	7°19	3°R27	4°27	29°58	19°42	T 23
F 24	14 47 49	13°29'47	24°34	18°50	4°50	16°21	19°23	1°45	0°45	20° 6	7°21	3°26	4°24	0♑ 5	19°45	F 24
S 25	14 51 45	14°27'44	7♓12	20°14	6° 0	17° 7	19°37	1°51	0°46	20° 7	7°22	3°25	4°20	0°12	19°49	S 25
S 26	14 55 42	15°25'40	20°12	21°40	7°10	17°52	19°51	1°57	0°48	20° 8	7°23	3°23	4°17	0°18	19°52	S 26
M27	14 59 38	16°23'34	3♈37	23° 9	8°21	18°38	20° 5	2° 3	0°49	20° 9	7°24	3°21	4°14	0°25	19°56	M27
T 28	15 3 35	17°21'27	17°27	24°40	9°31	19°23	20°18	2° 9	0°51	20°11	7°25	3°19	4°11	0°32	19°59	T 28
W29	15 7 31	18°19'18	1♉41	26°13	10°41	20° 8	20°32	2°15	0°52	20°12	7°26	3°17	4° 8	0°38	20° 2	W29
T 30	15 11 28	19♉17'09	16♉14	27♈48	11♈52	20♈54	20♈45	2♈21	0♓53	20♋13	7♈28	3♐16	4♐ 4	0♑45	20♈ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n16	12n12	3n22	0s47	0s46	9s 6	0s40	1s26	1s 1	4n30	1s 6	2s15	2s 6	12s11	0s44	21n33	0s29	12s34	16s39	20s59	21s17	21s33	8n 2	0n54
T 2	8 38	16 14	2 17	0 56	1 0	8 43	0 44	1 8	1 1	4 36	1 6	2 12	2 6	12 10	0 44	21 33	0 29	12 33	16 39	20 58	21 17	21 32	8 3	0 54
F 3	9 0	19 20	1 4	1 3	1 12	8 21	0 47	0 49	1 1	4 41	1 6	2 10	2 6	12 9	0 44	21 33	0 29	12 33	16 40	20 57	21 16	21 31	8 5	0 54
S 4	9 22	21 12	0s15	1 7	1 24	7 58	0 51	0 30	1 0	4 47	1 6	2 7	2 6	12 9	0 44	21 33	0 29	12 32	16 40	20 57	21 16	21 31	8 6	0 54
S 5	9 43	21 39	1 32	1 9	1 36	7 35	0 54	0 11	1 0	4 53	1 6	2 4	2 6	12 8	0 44	21 33	0 29	12 32	16 40	20 57	21 15	21 30	8 8	0 54
M 6	10 5	20 40	2 43	1 8	1 46	7 11	0 57	0n 7	1 0	4 58	1 6	2 2	2 7	12 7	0 44	21 33	0 29	12 31	16 40	20 58	21 14	21 29	8 9	0 53
T 7	10 26	18 23	3 43	1 5	1 56	6 48	1 1	0 26	0 59	5 4	1 6	1 59	2 7	12 6	0 44	21 33	0 29	12 31	16 40	20 58	21 14	21 28	8 10	0 53
W 8	10 47	15 2	4 30	1 0	2 5	6 24	1 4	0 45	0 59	5 9	1 6	1 56	2 7	12 6	0 44	21 33	0 29	12 30	16 40	20 58	21 13	21 28	8 12	0 53
T 9	11 8	10 53	4 59	0 52	2 14	6 0	1 7	1 3	0 59	5 15	1 6	1 54	2 7	12 5	0 44	21 33	0 29	12 30	16 40	20 58	21 13	21 27	8 13	0 53
F 10	11 28	6 15	5 12	0 43	2 21	5 35	1 10	1 22	0 58	5 20	1 6	1 51	2 7	12 4	0 44	21 32	0 29	12 30	16 40	20 57	21 12	21 26	8 14	0 53
S 11	11 49	1 23	5 6	0 31	2 28	5 11	1 13	1 40	0 58	5 26	1 6	1 49	2 7	12 3	0 44	21 32	0 29	12 29	16 41	20 56	21 12	21 25	8 16	0 53
S 12	12 9	3s29	4 45	0 17	2 35	4 46	1 15	1 59	0 58	5 31	1 6	1 46	2 7	12 3	0 44	21 32	0 29	12 29	16 41	20 55	21 11	21 25	8 17	0 53
M13	12 29	8 7	4 9	0 1	2 40	4 21	1 18	2 17	0 57	5 36	1 6	1 43	2 7	12 2	0 44	21 32	0 29	12 28	16 41	20 54	21 10	21 24	8 18	0 53
T 14	12 49	12 18	3 21	0n16	2 45	3 56	1 21	2 36	0 57	5 42	1 6	1 41	2 8	12 1	0 44	21 32	0 29	12 28	16 41	20 53	21 10	21 23	8 20	0 53
W15	13 9	15 53	2 23	0 36	2 49	3 31	1 23	2 54	0 57	5 47	1 6	1 38	2 8	12 1	0 44	21 32	0 29	12 28	16 41	20 53	21 9	21 22	8 21	0 53
T 16	13 28	18 41	1 20	0 57	2 52	3 5	1 25	3 13	0 56	5 53	1 6	1 36	2 8	12 0	0 44	21 32	0 29	12 27	16 41	20 52	21 9	21 22	8 22	0 53
F 17	13 47	20 35	0 14	1 20	2 55	2 40	1 28	3 31	0 56	5 58	1 6	1 33	2 8	11 59	0 44	21 32	0 29	12 27	16 41	20 52	21 8	21 21	8 24	0 53
S 18	14 6	21 31	0n52	1 44	2 57	2 14	1 30	3 49	0 55	6 3	1 6	1 31	2 8	11 59	0 44	21 32	0 29	12 27	16 42	20 52	21 8	21 20	8 25	0 53
S 19	14 25	21 28	1 55	2 10	2 58	1 48	1 32	4 8	0 55	6 8	1 6	1 28	2 8	11 58	0 44	21 32	0 28	12 26	16 42	20 52	21 7	21 19	8 26	0 53
M20	14 44	20 28	2 52	2 38	2 59	1 22	1 34	4 26	0 55	6 14	1 6	1 26	2 8	11 58	0 44	21 32	0 28	12 26	16 42	20 53	21 6	21 19	8 28	0 53
T 21	15 2	18 34	3 43	3 6	2 59	0 56	1 36	4 44	0 54	6 19	1 6	1 24	2 9	11 57	0 44	21 31	0 28	12 26	16 42	20 53	21 6	21 18	8 29	0 53
W22	15 20	15 51	4 24	3 37	2 59	0 30	1 38	5 2	0 54	6 24	1 6	1 21	2 9	11 56	0 44	21 31	0 28	12 25	16 42	20 53	21 5	21 17	8 30	0 52
T 23	15 38	12 27	4 55	4 8	2 58	0 4	1 39	5 20	0 53	6 29	1 6	1 19	2 9	11 56	0 44	21 31	0 28	12 25	16 43	20 53	21 5	21 16	8 32	0 52
F 24	15 56	8 27	5 12	4 41	2 56	0n23	1 41	5 38	0 53	6 35	1 7	1 17	2 9	11 55	0 44	21 31	0 28	12 25	16 43	20 53	21 4	21 15	8 33	0 52
S 25	16 13	4 0	5 15	5 14	2 54	0 49	1 43	5 56	0 53	6 40	1 7	1 14	2 9	11 55	0 44	21 31	0 28	12 25	16 43	20 53	21 3	21 15	8 34	0 52
S 26	16 30	0n45	5 2	5 49	2 51	1 16	1 44	6 13	0 52	6 45	1 7	1 12	2 9	11 54	0 44	21 31	0 28	12 24	16 43	20 53	21 3	21 14	8 36	0 52
M27	16 47	5 37	4 33	6 25	2 47	1 42	1 45	6 31	0 52	6 50	1 7	1 10	2 10	11 54	0 44	21 31	0 28	12 24	16 43	20 52	21 2	21 13	8 37	0 52
T 28	17 3	10 22	3 47	7 3	2 43	2 9	1 47	6 49	0 51	6 55	1 7	1 8	2 10	11 53	0 44	21 30	0 28	12 24	16 44	20 52	21 2	21 12	8 38	0 52
W29	17 19	14 41	2 46	7 40	2 39	2 35	1 48	7 6	0 51	7 0	1 7	1 5	2 10	11 53	0 44	21 30	0 28	12 24	16 44	20 52	21 1	21 11	8 39	0 52
T 30	17n35	18n13	1n33	8n19	2s34	3n 2	1s49	7n24	0s50	7n 5	1s 7	1s 3	2s10	11s53	0s45	21n30	0s28	12s23	16s44	20s51	21s 1	21s11	8n41	0n52

Julian Day Number = 2299704.5, Delta T = 112.65 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'19, Lahiri = 18°03'19 Julian Calendar 1 Apr. 1584 == Greg. Calendar 11 Apr. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

MAY 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 15 25	20♉14'58	1♊ 0	29♈25	13♈ 2	21♈39	20♈59	2♈27	0♓54	20♋14	7♈29	3°D15	4♐ 1	0♑52	20♈ 9	F 1
S 2	15 19 21	21°12'45	15°52	1♉ 5	14°13	22°24	21°12	2°33	0°56	20°16	7°30	3♐15	3°58	0°58	20°13	S 2
S 3	15 23 18	22°10'31	0♋43	2°46	15°23	23° 9	21°26	2°39	0°57	20°17	7°31	3°16	3°55	1° 5	20°16	S 3
M 4	15 27 14	23° 8'15	15°26	4°30	16°34	23°54	21°39	2°44	0°58	20°18	7°32	3°17	3°52	1°12	20°19	M 4
T 5	15 31 11	24° 5'58	29°55	6°16	17°44	24°39	21°53	2°50	0°59	20°20	7°33	3°18	3°49	1°18	20°23	T 5
W 6	15 35 7	25° 3'39	14♌ 6	8° 4	18°55	25°24	22° 6	2°56	1° 0	20°21	7°34	3°18	3°45	1°25	20°26	W 6
T 7	15 39 4	26° 1'19	27°59	9°54	20° 6	26° 9	22°19	3° 1	1° 1	20°23	7°35	3°R18	3°42	1°32	20°29	T 7
F 8	15 43 0	26°58'56	11♍32	11°46	21°16	26°54	22°32	3° 6	1° 2	20°24	7°36	3°18	3°39	1°38	20°32	F 8
S 9	15 46 57	27°56'33	24°47	13°40	22°27	27°39	22°45	3°12	1° 3	20°25	7°37	3°18	3°36	1°45	20°35	S 9
S 10	15 50 54	28°54'07	7♎44	15°37	23°38	28°23	22°58	3°17	1° 4	20°27	7°38	3°17	3°33	1°52	20°39	S 10
M11	15 54 50	29°51'41	20°27	17°35	24°49	29° 8	23°11	3°22	1° 4	20°28	7°39	3°17	3°30	1°58	20°42	M11
T 12	15 58 47	0♊49'13	2♏55	19°35	26° 0	29°53	23°24	3°27	1° 5	20°30	7°40	3°16	3°26	2° 5	20°45	T 12
W13	16 2 43	1°46'43	15°13	21°37	27°11	0♉37	23°37	3°33	1° 6	20°32	7°41	3°16	3°23	2°12	20°48	W13
T 14	16 6 40	2°44'13	27°20	23°42	28°22	1°22	23°50	3°38	1° 6	20°33	7°42	3°16	3°20	2°18	20°51	T 14
F 15	16 10 36	3°41'42	9♐20	25°47	29°33	2° 6	24° 3	3°42	1° 7	20°35	7°43	3°16	3°17	2°25	20°54	F 15
S 16	16 14 33	4°39'09	21°13	27°54	0♉44	2°50	24°15	3°47	1° 7	20°37	7°44	3°16	3°14	2°32	20°57	S 16
S 17	16 18 29	5°36'36	3♑ 3	0♊ 3	1°55	3°35	24°28	3°52	1° 8	20°38	7°45	3°16	3°10	2°38	21° 0	S 17
M18	16 22 26	6°34'02	14°52	2°13	3° 6	4°19	24°40	3°57	1° 8	20°40	7°46	3°16	3° 7	2°45	21° 3	M18
T 19	16 26 23	7°31'27	26°43	4°24	4°17	5° 3	24°53	4° 2	1° 9	20°42	7°46	3°15	3° 4	2°52	21° 6	T 19
W20	16 30 19	8°28'51	8♒39	6°35	5°28	5°47	25° 5	4° 6	1° 9	20°43	7°47	3°15	3° 1	2°58	21° 8	W20
T 21	16 34 16	9°26'14	20°44	8°47	6°40	6°32	25°17	4°11	1° 9	20°45	7°48	3°14	2°58	3° 5	21°11	T 21
F 22	16 38 12	10°23'37	3♓ 2	10°59	7°51	7°16	25°30	4°15	1°10	20°47	7°49	3°14	2°55	3°12	21°14	F 22
S 23	16 42 9	11°20'59	15°37	13°11	9° 2	8° 0	25°42	4°19	1°10	20°49	7°50	3°D14	2°51	3°18	21°17	S 23
S 24	16 46 5	12°18'21	28°33	15°23	10°14	8°44	25°54	4°24	1°10	20°50	7°50	3°14	2°48	3°25	21°19	S 24
M25	16 50 2	13°15'42	11♈53	17°34	11°25	9°27	26° 6	4°28	1°10	20°52	7°51	3°15	2°45	3°32	21°22	M25
T 26	16 53 58	14°13'02	25°40	19°44	12°37	10°11	26°18	4°32	1°R10	20°54	7°52	3°15	2°42	3°38	21°25	T 26
W27	16 57 55	15°10'22	9♉52	21°53	13°48	10°55	26°30	4°36	1°10	20°56	7°52	3°16	2°39	3°45	21°27	W27
T 28	17 1 52	16° 7'42	24°29	24° 0	15° 0	11°39	26°41	4°40	1°10	20°58	7°53	3°17	2°36	3°52	21°30	T 28
F 29	17 5 48	17° 5'01	9♊24	26° 6	16°11	12°22	26°53	4°44	1°10	21° 0	7°54	3°R17	2°32	3°58	21°32	F 29
S 30	17 9 45	18° 2'20	24°31	28°11	17°23	13° 6	27° 5	4°48	1°10	21° 2	7°54	3°16	2°29	4° 5	21°35	S 30
S 31	17 13 41	18♊59'38	9♋40	0♋13	18♉35	13♉50	27♈16	4♈51	1♓ 9	21♋ 4	7♈55	3♐15	2♐26	4♑12	21♈37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n51	20n36	0n13	8n59	2s28	3n28	1s50	7n41	0s50	7n10	1s 7	1s 1	2s10	11s52	0s45	21n30	0s28	12s23	16s44	20s51	21s 0	21s10	8n42	0n52
S 2	18 6	21 35	1s 9	9 39	2 22	3 55	1 51	7 58	0 49	7 15	1 7	0 59	2 11	11 52	0 45	21 30	0 28	12 23	16 45	20 51	20 59	21 9	8 43	0 52
S 3	18 21	21 3	2 27	10 21	2 15	4 21	1 52	8 16	0 49	7 20	1 7	0 57	2 11	11 51	0 45	21 30	0 28	12 23	16 45	20 51	20 59	21 8	8 44	0 52
M 4	18 36	19 4	3 33	11 2	2 8	4 48	1 52	8 33	0 49	7 25	1 7	0 55	2 11	11 51	0 45	21 29	0 28	12 22	16 45	20 52	20 58	21 7	8 45	0 52
T 5	18 50	15 53	4 25	11 45	2 0	5 14	1 53	8 50	0 48	7 30	1 7	0 53	2 11	11 51	0 45	21 29	0 28	12 22	16 45	20 52	20 58	21 6	8 47	0 52
W 6	19 4	11 51	5 0	12 27	1 52	5 41	1 53	9 6	0 48	7 35	1 7	0 51	2 11	11 50	0 45	21 29	0 28	12 22	16 46	20 52	20 57	21 5	8 48	0 52
T 7	19 18	7 15	5 16	13 10	1 44	6 7	1 54	9 23	0 47	7 40	1 7	0 49	2 12	11 50	0 45	21 29	0 28	12 22	16 46	20 52	20 56	21 5	8 49	0 52
F 8	19 32	2 25	5 14	13 54	1 35	6 33	1 54	9 40	0 47	7 45	1 7	0 47	2 12	11 50	0 45	21 29	0 28	12 22	16 46	20 52	20 56	21 4	8 50	0 52
S 9	19 45	2s26	4 55	14 37	1 26	6 59	1 54	9 57	0 46	7 49	1 8	0 45	2 12	11 50	0 45	21 28	0 28	12 22	16 46	20 52	20 55	21 3	8 51	0 52
S 10	19 57	7 5	4 22	15 20	1 16	7 25	1 55	10 13	0 46	7 54	1 8	0 43	2 12	11 49	0 45	21 28	0 28	12 22	16 47	20 52	20 55	21 2	8 52	0 52
M11	20 10	11 20	3 36	16 3	1 6	7 51	1 55	10 29	0 45	7 59	1 8	0 41	2 12	11 49	0 45	21 28	0 28	12 21	16 47	20 51	20 54	21 1	8 54	0 52
T 12	20 22	15 2	2 41	16 46	0 56	8 17	1 55	10 46	0 44	8 4	1 8	0 39	2 13	11 49	0 45	21 28	0 28	12 21	16 47	20 51	20 53	21 0	8 55	0 51
W13	20 34	18 0	1 39	17 29	0 45	8 43	1 55	11 2	0 44	8 8	1 8	0 37	2 13	11 49	0 45	21 28	0 28	12 21	16 48	20 51	20 53	20 59	8 56	0 51
T 14	20 45	20 8	0 33	18 10	0 35	9 8	1 54	11 18	0 43	8 13	1 8	0 35	2 13	11 48	0 45	21 27	0 28	12 21	16 48	20 51	20 52	20 58	8 57	0 51
F 15	20 56	21 21	0n34	18 51	0 24	9 33	1 54	11 34	0 43	8 17	1 8	0 34	2 13	11 48	0 45	21 27	0 28	12 21	16 48	20 51	20 51	20 58	8 58	0 51
S 16	21 7	21 34	1 38	19 31	0 13	9 59	1 54	11 49	0 42	8 22	1 8	0 32	2 13	11 48	0 45	21 27	0 28	12 21	16 48	20 51	20 51	20 57	8 59	0 51
S 17	21 17	20 49	2 38	20 10	0 3	10 23	1 53	12 5	0 42	8 27	1 8	0 30	2 14	11 48	0 45	21 27	0 28	12 21	16 49	20 51	20 50	20 56	9 0	0 51
M18	21 27	19 10	3 31	20 47	0n 8	10 48	1 53	12 20	0 41	8 31	1 8	0 28	2 14	11 48	0 45	21 26	0 28	12 21	16 49	20 51	20 50	20 55	9 1	0 51
T 19	21 37	16 41	4 15	21 22	0 18	11 13	1 52	12 36	0 41	8 36	1 8	0 27	2 14	11 48	0 45	21 26	0 28	12 21	16 49	20 51	20 49	20 54	9 2	0 51
W20	21 46	13 29	4 49	21 56	0 29	11 37	1 52	12 51	0 40	8 40	1 9	0 25	2 14	11 48	0 45	21 26	0 28	12 21	16 50	20 51	20 48	20 53	9 3	0 51
T 21	21 55	9 43	5 10	22 27	0 39	12 1	1 51	13 6	0 39	8 44	1 9	0 24	2 15	11 48	0 45	21 26	0 28	12 21	16 50	20 51	20 48	20 52	9 4	0 51
F 22	22 3	5 29	5 17	22 56	0 48	12 25	1 50	13 21	0 39	8 49	1 9	0 22	2 15	11 48	0 45	21 26	0 28	12 21	16 50	20 51	20 47	20 51	9 5	0 51
S 23	22 11	0 55	5 10	23 23	0 58	12 49	1 49	13 36	0 38	8 53	1 9	0 21	2 15	11 48	0 45	21 25	0 28	12 21	16 51	20 51	20 47	20 50	9 6	0 51
S 24	22 19	3n49	4 47	23 47	1 6	13 12	1 48	13 51	0 38	8 57	1 9	0 19	2 15	11 48	0 45	21 25	0 28	12 21	16 51	20 51	20 46	20 49	9 7	0 51
M25	22 26	8 31	4 8	24 9	1 14	13 35	1 47	14 5	0 37	9 2	1 9	0 18	2 15	11 48	0 46	21 25	0 28	12 21	16 51	20 51	20 45	20 48	9 8	0 51
T 26	22 33	12 57	3 14	24 27	1 22	13 58	1 46	14 20	0 37	9 6	1 9	0 16	2 16	11 48	0 46	21 24	0 28	12 21	16 52	20 51	20 45	20 48	9 9	0 51
W27	22 40	16 48	2 6	24 43	1 29	14 21	1 45	14 34	0 36	9 10	1 9	0 15	2 16	11 48	0 46	21 24	0 28	12 21	16 52	20 51	20 44	20 47	9 10	0 51
T 28	22 46	19 43	0 49	24 56	1 35	14 43	1 44	14 48	0 35	9 14	1 10	0 13	2 16	11 48	0 46	21 24	0 28	12 21	16 52	20 52	20 43	20 46	9 11	0 51
F 29	22 52	21 21	0s34	25 7	1 41	15 5	1 43	15 2	0 35	9 18	1 10	0 12	2 16	11 48	0 46	21 24	0 28	12 21	16 53	20 52	20 43	20 45	9 12	0 51
S 30	22 57	21 28	1 55	25 14	1 46	15 26	1 41	15 16	0 34	9 22	1 10	0 11	2 17	11 48	0 46	21 23	0 28	12 21	16 53	20 51	20 42	20 44	9 13	0 51
S 31	23n 2	20n 1	3s 8	25n19	1n50	15n48	1s40	15n29	0s33	9n26	1s10	0s10	2s17	11s48	0s46	21n23	0s28	12s21	16s53	20s51	20s42	20s43	9n14	0n51

Julian Day Number = 2299734.5, Delta T = 112.51 sec
Ecliptic obliquity = 23°29'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'23, Lahiri = 18°03'23 Julian Calendar 1 May 1584 == Greg. Calendar 11 May 1584

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1584
geocentric

JUNE 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 17 38	19♊56'55	24♋42	2♋14	19♉46	14♉33	27♈28	4♈55	1°R 9	21♋ 6	7♈56	3°R13	2♐23	4♑18	21♈39	M 1
T 2	17 21 34	20°54'12	9♌29	4°13	20°58	15°16	27°39	4°59	1♓ 9	21° 8	7°56	3♐11	2°20	4°25	21°42	T 2
W 3	17 25 31	21°51'28	23°55	6°10	22°10	16° 0	27°50	5° 2	1° 9	21°10	7°57	3° 9	2°16	4°32	21°44	W 3
T 4	17 29 27	22°48'43	7♍55	8° 4	23°21	16°43	28° 1	5° 5	1° 8	21°12	7°57	3° 8	2°13	4°38	21°46	T 4
F 5	17 33 24	23°45'57	21°30	9°56	24°33	17°26	28°12	5° 9	1° 8	21°14	7°58	3°D 7	2°10	4°45	21°48	F 5
S 6	17 37 21	24°43'10	4♎41	11°46	25°45	18° 9	28°23	5°12	1° 7	21°16	7°58	3° 7	2° 7	4°52	21°51	S 6
S 7	17 41 17	25°40'23	17°30	13°34	26°57	18°52	28°34	5°15	1° 7	21°18	7°59	3° 8	2° 4	4°58	21°53	S 7
M 8	17 45 14	26°37'35	0♏ 1	15°20	28° 9	19°35	28°45	5°18	1° 6	21°20	7°59	3°10	2° 1	5° 5	21°55	M 8
T 9	17 49 10	27°34'47	12°17	17° 3	29°21	20°18	28°55	5°21	1° 6	21°22	8° 0	3°11	1°57	5°12	21°57	T 9
W10	17 53 7	28°31'58	24°22	18°44	0♊33	21° 1	29° 6	5°24	1° 5	21°24	8° 0	3°13	1°54	5°18	21°59	W10
T 11	17 57 3	29°29'09	6♐19	20°23	1°45	21°44	29°16	5°26	1° 4	21°26	8° 0	3°R13	1°51	5°25	22° 1	T 11
F 12	18 1 0	0♋26'19	18°11	21°59	2°57	22°27	29°27	5°29	1° 3	21°28	8° 1	3°12	1°48	5°32	22° 2	F 12
S 13	18 4 56	1°23'30	0♑ 0	23°33	4° 9	23°10	29°37	5°31	1° 3	21°30	8° 1	3°10	1°45	5°38	22° 4	S 13
S 14	18 8 53	2°20'40	11°50	25° 5	5°21	23°52	29°47	5°34	1° 2	21°32	8° 1	3° 6	1°42	5°45	22° 6	S 14
M15	18 12 50	3°17'50	23°41	26°35	6°33	24°35	29°57	5°36	1° 1	21°34	8° 2	3° 1	1°38	5°52	22° 8	M15
T 16	18 16 46	4°15'00	5♒35	28° 2	7°45	25°17	0♉ 7	5°38	1° 0	21°37	8° 2	2°56	1°35	5°58	22° 9	T 16
W17	18 20 43	5°12'10	17°36	29°27	8°57	26° 0	0°16	5°41	0°59	21°39	8° 2	2°51	1°32	6° 5	22°11	W17
T 18	18 24 39	6° 9'20	29°45	0♌49	10° 9	26°42	0°26	5°43	0°58	21°41	8° 2	2°46	1°29	6°12	22°13	T 18
F 19	18 28 36	7° 6'31	12♓ 6	2° 9	11°22	27°24	0°36	5°45	0°57	21°43	8° 3	2°42	1°26	6°18	22°14	F 19
S 20	18 32 32	8° 3'41	24°41	3°26	12°34	28° 7	0°45	5°46	0°56	21°45	8° 3	2°39	1°22	6°25	22°16	S 20
S 21	18 36 29	9° 0'52	7♈33	4°41	13°46	28°49	0°54	5°48	0°54	21°47	8° 3	2°D39	1°19	6°32	22°17	S 21
M22	18 40 25	9°58'04	20°47	5°54	14°59	29°31	1° 3	5°50	0°53	21°50	8° 3	2°39	1°16	6°38	22°18	M22
T 23	18 44 22	10°55'15	4♉25	7° 3	16°11	0♊13	1°12	5°51	0°52	21°52	8° 3	2°40	1°13	6°45	22°20	T 23
W24	18 48 19	11°52'28	18°28	8°10	17°23	0°55	1°21	5°53	0°51	21°54	8° 3	2°42	1°10	6°52	22°21	W24
T 25	18 52 15	12°49'41	2♊56	9°14	18°36	1°37	1°30	5°54	0°49	21°56	8° 3	2°R42	1° 7	6°58	22°22	T 25
F 26	18 56 12	13°46'54	17°47	10°16	19°48	2°19	1°39	5°56	0°48	21°58	8° 4	2°41	1° 3	7° 5	22°23	F 26
S 27	19 0 8	14°44'08	2♋53	11°14	21° 1	3° 1	1°47	5°57	0°47	22° 1	8° 4	2°39	1° 0	7°12	22°25	S 27
S 28	19 4 5	15°41'22	18° 7	12° 9	22°14	3°42	1°56	5°58	0°45	22° 3	8°R 4	2°34	0°57	7°18	22°26	S 28
M29	19 8 1	16°38'36	3♌18	13° 1	23°26	4°24	2° 4	5°59	0°44	22° 5	8° 4	2°28	0°54	7°25	22°27	M29
T 30	19 11 58	17♋35'51	18♌16	13♌50	24♊39	5♊ 6	2♉12	6♈ 0	0♓42	22♋ 7	8♈ 4	2♐21	0♐51	7♑32	22♈28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	17n10	4s 8	25n22	1n53	16n 8	1s38	15n43	0s33	9n30	1s10	0s 8	2s17	11s48	0s46	21n23	0s28	12s21	16s54	20s51	20s41	20s42	9n15	0n51
T 2	23 11	13 16	4 49	25 21	1 56	16 29	1 37	15 56	0 32	9 34	1 10	0 7	2 17	11 48	0 46	21 23	0 27	12 21	16 54	20 50	20 40	20 41	9 15	0 51
W 3	23 14	8 40	5 12	25 18	1 58	16 49	1 35	16 9	0 32	9 38	1 10	0 6	2 18	11 48	0 46	21 22	0 27	12 21	16 54	20 50	20 40	20 40	9 16	0 51
T 4	23 18	3 45	5 15	25 13	1 59	17 9	1 33	16 22	0 31	9 42	1 10	0 5	2 18	11 49	0 46	21 22	0 27	12 21	16 55	20 50	20 39	20 39	9 17	0 51
F 5	23 21	1s13	5 0	25 6	1 59	17 28	1 32	16 35	0 30	9 46	1 11	0 4	2 18	11 49	0 46	21 22	0 27	12 22	16 55	20 50	20 38	20 38	9 18	0 51
S 6	23 23	5 59	4 29	24 57	1 59	17 47	1 30	16 48	0 30	9 49	1 11	0 3	2 19	11 49	0 46	21 21	0 27	12 22	16 55	20 50	20 38	20 37	9 19	0 50
S 7	23 25	10 22	3 46	24 45	1 58	18 5	1 28	17 1	0 29	9 53	1 11	0 2	2 19	11 49	0 46	21 21	0 27	12 22	16 56	20 50	20 37	20 36	9 19	0 50
M 8	23 27	14 12	2 53	24 32	1 56	18 23	1 26	17 13	0 28	9 57	1 11	0 1	2 19	11 49	0 46	21 21	0 27	12 22	16 56	20 50	20 37	20 35	9 20	0 50
T 9	23 28	17 21	1 53	24 17	1 54	18 41	1 24	17 25	0 28	10 0	1 11	0 0	2 19	11 50	0 46	21 20	0 27	12 22	16 56	20 50	20 36	20 34	9 21	0 50
W10	23 29	19 41	0 49	24 1	1 51	18 58	1 22	17 37	0 27	10 4	1 11	0n 1	2 20	11 50	0 46	21 20	0 27	12 22	16 57	20 51	20 35	20 33	9 21	0 50
T 11	23 29	21 8	0n17	23 43	1 47	19 15	1 20	17 49	0 26	10 8	1 11	0 2	2 20	11 50	0 46	21 20	0 27	12 23	16 57	20 51	20 35	20 32	9 22	0 50
F 12	23 29	21 37	1 21	23 23	1 43	19 31	1 18	18 1	0 26	10 11	1 12	0 2	2 20	11 51	0 46	21 20	0 27	12 23	16 58	20 51	20 34	20 31	9 23	0 50
S 13	23 29	21 8	2 22	23 3	1 38	19 47	1 16	18 12	0 25	10 14	1 12	0 3	2 20	11 51	0 46	21 19	0 27	12 23	16 58	20 50	20 33	20 30	9 23	0 50
S 14	23 28	19 43	3 16	22 41	1 33	20 2	1 14	18 23	0 24	10 18	1 12	0 4	2 21	11 51	0 46	21 19	0 27	12 23	16 58	20 49	20 33	20 29	9 24	0 50
M15	23 27	17 26	4 2	22 18	1 27	20 16	1 12	18 34	0 24	10 21	1 12	0 4	2 21	11 52	0 46	21 19	0 27	12 23	16 59	20 48	20 32	20 28	9 25	0 50
T 16	23 25	14 26	4 37	21 55	1 20	20 30	1 9	18 45	0 23	10 25	1 12	0 5	2 21	11 52	0 46	21 18	0 27	12 24	16 59	20 47	20 31	20 27	9 25	0 50
W17	23 23	10 49	5 1	21 30	1 13	20 44	1 7	18 56	0 22	10 28	1 12	0 6	2 21	11 52	0 46	21 18	0 27	12 24	16 59	20 46	20 31	20 26	9 26	0 50
T 18	23 21	6 43	5 11	21 5	1 5	20 57	1 5	19 7	0 22	10 31	1 13	0 6	2 22	11 53	0 46	21 18	0 27	12 24	17 0	20 45	20 30	20 25	9 26	0 50
F 19	23 18	2 18	5 8	20 39	0 57	21 10	1 3	19 17	0 21	10 34	1 13	0 7	2 22	11 53	0 46	21 17	0 27	12 24	17 0	20 45	20 30	20 24	9 27	0 50
S 20	23 15	2n18	4 49	20 13	0 48	21 21	1 0	19 27	0 20	10 37	1 13	0 7	2 22	11 54	0 46	21 17	0 27	12 25	17 0	20 44	20 29	20 23	9 28	0 50
S 21	23 11	6 55	4 16	19 46	0 39	21 33	0 58	19 37	0 19	10 40	1 13	0 8	2 23	11 54	0 47	21 17	0 27	12 25	17 1	20 44	20 28	20 22	9 28	0 50
M22	23 7	11 21	3 28	19 19	0 30	21 44	0 55	19 47	0 19	10 43	1 13	0 8	2 23	11 54	0 47	21 16	0 27	12 25	17 1	20 44	20 28	20 21	9 28	0 50
T 23	23 3	15 20	2 28	18 52	0 20	21 54	0 53	19 57	0 18	10 46	1 13	0 8	2 23	11 55	0 47	21 16	0 27	12 25	17 2	20 44	20 27	20 20	9 29	0 50
W24	22 58	18 35	1 17	18 24	0 9	22 3	0 50	20 6	0 17	10 49	1 14	0 9	2 23	11 55	0 47	21 16	0 27	12 26	17 2	20 45	20 26	20 19	9 29	0 50
T 25	22 52	20 46	0s 1	17 57	0s 2	22 12	0 48	20 16	0 17	10 52	1 14	0 9	2 24	11 56	0 47	21 15	0 27	12 26	17 2	20 45	20 26	20 18	9 30	0 50
F 26	22 47	21 35	1 21	17 30	0 13	22 21	0 45	20 25	0 16	10 55	1 14	0 9	2 24	11 56	0 47	21 15	0 27	12 26	17 3	20 45	20 25	20 16	9 30	0 50
S 27	22 41	20 51	2 36	17 3	0 25	22 28	0 43	20 34	0 15	10 58	1 14	0 10	2 24	11 57	0 47	21 15	0 27	12 27	17 3	20 44	20 24	20 15	9 31	0 50
S 28	22 34	18 37	3 41	16 36	0 37	22 36	0 40	20 42	0 14	11 1	1 14	0 10	2 25	11 58	0 47	21 14	0 27	12 27	17 3	20 43	20 24	20 14	9 31	0 50
M29	22 27	15 5	4 30	16 9	0 49	22 42	0 38	20 51	0 14	11 3	1 14	0 10	2 25	11 58	0 47	21 14	0 27	12 27	17 4	20 42	20 23	20 13	9 31	0 50
T 30	22n20	10n38	4s59	15n44	1s 2	22n48	0s35	20n59	0s13	11n 6	1s15	0n10	2s25	11s59	0s47	21n14	0s27	12s28	17s 4	20s41	20s22	20s12	9n32	0n50

Julian Day Number = 2299765.5, Delta T = 112.37 sec
Ecliptic obliquity = 23°29'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'27, Lahiri = 18°03'27 Julian Calendar 1 June 1584 == Greg. Calendar 11 June 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

JULY 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 15 55	18♋33'06	2♍53	14♌35	25♊52	5♊47	2♉20	6♈ 0	0°R41	22♋ 9	8°R 3	2°R15	0♐48	7♑38	22♈28	W 1
T 2	19 19 51	19°30'21	17° 3	15°16	27° 4	6°28	2°28	6° 1	0♓39	22°12	8♈ 3	2♐10	0°44	7°45	22°29	T 2
F 3	19 23 48	20°27'36	0♎44	15°54	28°17	7°10	2°36	6° 2	0°37	22°14	8° 3	2° 6	0°41	7°52	22°30	F 3
S 4	19 27 44	21°24'51	13°57	16°28	29°30	7°51	2°43	6° 2	0°36	22°16	8° 3	2° 4	0°38	7°58	22°31	S 4
S 5	19 31 41	22°22'07	26°45	16°57	0♋43	8°32	2°50	6° 2	0°34	22°18	8° 3	2°D 4	0°35	8° 5	22°31	S 5
M 6	19 35 37	23°19'23	9♏12	17°23	1°55	9°13	2°58	6° 3	0°32	22°21	8° 3	2° 5	0°32	8°12	22°32	M 6
T 7	19 39 34	24°16'39	21°23	17°44	3° 8	9°55	3° 5	6° 3	0°31	22°23	8° 3	2° 6	0°28	8°19	22°33	T 7
W 8	19 43 30	25°13'56	3♐22	18° 0	4°21	10°36	3°12	6°R 3	0°29	22°25	8° 3	2°R 7	0°25	8°25	22°33	W 8
T 9	19 47 27	26°11'13	15°13	18°12	5°34	11°16	3°19	6° 3	0°27	22°27	8° 2	2° 6	0°22	8°32	22°34	T 9
F 10	19 51 24	27° 8'31	27° 2	18°19	6°47	11°57	3°25	6° 3	0°25	22°29	8° 2	2° 2	0°19	8°39	22°34	F 10
S 11	19 55 20	28° 5'49	8♑51	18°R20	8° 0	12°38	3°32	6° 2	0°23	22°32	8° 2	1°57	0°16	8°45	22°34	S 11
S 12	19 59 17	29° 3'08	20°42	18°17	9°13	13°19	3°38	6° 2	0°21	22°34	8° 1	1°49	0°13	8°52	22°35	S 12
M13	20 3 13	0♌ 0'28	2♒38	18° 9	10°26	13°59	3°44	6° 1	0°19	22°36	8° 1	1°40	0° 9	8°59	22°35	M13
T 14	20 7 10	0°57'48	14°41	17°56	11°39	14°40	3°50	6° 1	0°18	22°38	8° 1	1°29	0° 6	9° 5	22°35	T 14
W15	20 11 6	1°55'09	26°51	17°37	12°52	15°20	3°56	6° 0	0°16	22°41	8° 1	1°18	0° 3	9°12	22°35	W15
T 16	20 15 3	2°52'31	9♓10	17°14	14° 6	16° 1	4° 2	5°59	0°13	22°43	8° 0	1° 8	29♏59	9°19	22°35	T 16
F 17	20 18 59	3°49'55	21°39	16°46	15°19	16°41	4° 7	5°59	0°11	22°45	8° 0	0°59	29°57	9°25	22°R35	F 17
S 18	20 22 56	4°47'19	4♈20	16°13	16°32	17°21	4°13	5°58	0° 9	22°47	7°59	0°53	29°54	9°32	22°35	S 18
S 19	20 26 53	5°44'45	17°16	15°36	17°45	18° 2	4°18	5°56	0° 7	22°49	7°59	0°49	29°50	9°39	22°35	S 19
M20	20 30 49	6°42'11	0♉28	14°56	18°59	18°42	4°23	5°55	0° 5	22°51	7°58	0°48	29°47	9°45	22°35	M20
T 21	20 34 46	7°39'40	13°59	14°13	20°12	19°22	4°28	5°54	0° 3	22°54	7°58	0°D48	29°44	9°52	22°35	T 21
W22	20 38 42	8°37'09	27°52	13°27	21°25	20° 2	4°32	5°53	0° 1	22°56	7°57	0°R48	29°41	9°59	22°35	W22
T 23	20 42 39	9°34'40	12♊ 6	12°40	22°39	20°42	4°37	5°51	29♒59	22°58	7°57	0°48	29°38	10° 5	22°34	T 23
F 24	20 46 35	10°32'13	26°42	11°52	23°52	21°21	4°41	5°50	29°56	23° 0	7°56	0°46	29°34	10°12	22°34	F 24
S 25	20 50 32	11°29'46	11♋34	11° 4	25° 6	22° 1	4°45	5°48	29°54	23° 2	7°56	0°41	29°31	10°19	22°33	S 25
S 26	20 54 28	12°27'21	26°37	10°17	26°20	22°41	4°49	5°46	29°52	23° 4	7°55	0°34	29°28	10°25	22°33	S 26
M27	20 58 25	13°24'58	11♌42	9°32	27°33	23°20	4°53	5°44	29°50	23° 7	7°55	0°24	29°25	10°32	22°32	M27
T 28	21 2 22	14°22'35	26°37	8°50	28°47	24° 0	4°57	5°42	29°47	23° 9	7°54	0°14	29°22	10°39	22°32	T 28
W29	21 6 18	15°20'14	11♍16	8°11	0♌ 0	24°39	5° 0	5°40	29°45	23°11	7°54	0° 3	29°19	10°45	22°31	W29
T 30	21 10 15	16°17'53	25°29	7°37	1°14	25°19	5° 3	5°38	29°43	23°13	7°53	29♏54	29°15	10°52	22°30	T 30
F 31	21 14 11	17♌15'34	9♎15	7♌ 9	2♌28	25♊58	5♉ 6	5♈36	29♒41	23♋15	7♈52	29♏47	29♏12	10♑59	22♈30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n12	5n40	5s 9	15n18	1s15	22n53	0s33	21n 7	0s12	11n 8	1s15	0n10	2s25	11s59	0s47	21n13	0s27	12s28	17s 5	20s39	20s22	20s11	9n32	0n50
T 2	22 4	0 33	4 58	14 54	1 28	22 58	0 30	21 15	0 11	11 11	1 15	0 10	2 26	12 0	0 47	21 13	0 27	12 28	17 5	20 38	20 21	20 10	9 32	0 50
F 3	21 56	4s26	4 31	14 30	1 41	23 2	0 27	21 23	0 11	11 13	1 15	0 10	2 26	12 0	0 47	21 13	0 27	12 29	17 5	20 38	20 20	20 9	9 33	0 50
S 4	21 47	9 3	3 50	14 7	1 55	23 5	0 25	21 30	0 10	11 16	1 15	0 10	2 26	12 1	0 47	21 12	0 27	12 29	17 6	20 37	20 20	20 8	9 33	0 50
S 5	21 38	13 7	2 59	13 45	2 8	23 7	0 22	21 38	0 9	11 18	1 16	0 10	2 27	12 2	0 47	21 12	0 27	12 30	17 6	20 37	20 19	20 7	9 33	0 50
M 6	21 28	16 30	2 0	13 24	2 22	23 9	0 19	21 45	0 8	11 20	1 16	0 10	2 27	12 2	0 47	21 11	0 27	12 30	17 6	20 37	20 18	20 6	9 33	0 50
T 7	21 18	19 4	0 58	13 5	2 35	23 10	0 17	21 52	0 8	11 23	1 16	0 9	2 27	12 3	0 47	21 11	0 27	12 30	17 7	20 38	20 18	20 5	9 33	0 49
W 8	21 8	20 46	0n 7	12 47	2 49	23 11	0 14	21 58	0 7	11 25	1 16	0 9	2 27	12 4	0 47	21 11	0 27	12 31	17 7	20 38	20 17	20 3	9 34	0 49
T 9	20 58	21 31	1 10	12 31	3 2	23 11	0 12	22 5	0 6	11 27	1 16	0 9	2 28	12 4	0 47	21 10	0 27	12 31	17 7	20 38	20 16	20 2	9 34	0 49
F 10	20 47	21 18	2 10	12 16	3 16	23 10	0 9	22 11	0 5	11 29	1 17	0 8	2 28	12 5	0 47	21 10	0 27	12 32	17 8	20 37	20 16	20 1	9 34	0 49
S 11	20 35	20 8	3 4	12 4	3 28	23 9	0 6	22 17	0 4	11 31	1 17	0 8	2 28	12 6	0 47	21 10	0 27	12 32	17 8	20 36	20 15	20 0	9 34	0 49
S 12	20 24	18 6	3 50	11 53	3 41	23 7	0 4	22 23	0 4	11 33	1 17	0 8	2 28	12 6	0 47	21 9	0 27	12 32	17 8	20 34	20 14	19 59	9 34	0 49
M13	20 12	15 17	4 26	11 44	3 53	23 4	0 1	22 29	0 3	11 35	1 17	0 7	2 29	12 7	0 47	21 9	0 27	12 33	17 9	20 32	20 14	19 58	9 34	0 49
T 14	19 59	11 49	4 51	11 37	4 4	23 0	0n 1	22 34	0 2	11 37	1 17	0 7	2 29	12 8	0 47	21 9	0 27	12 33	17 9	20 30	20 13	19 57	9 34	0 49
W15	19 47	7 51	5 3	11 33	4 14	22 56	0 4	22 40	0 1	11 38	1 18	0 6	2 29	12 8	0 47	21 8	0 27	12 34	17 9	20 28	20 12	19 56	9 34	0 49
T 16	19 34	3 30	5 1	11 31	4 24	22 51	0 7	22 45	0 0	11 40	1 18	0 6	2 30	12 9	0 47	21 8	0 27	12 34	17 10	20 26	20 12	19 54	9 34	0 49
F 17	19 20	1n 2	4 45	11 31	4 32	22 46	0 9	22 50	0n 0	11 42	1 18	0 5	2 30	12 10	0 47	21 8	0 27	12 35	17 10	20 24	20 11	19 53	9 34	0 49
S 18	19 7	5 37	4 14	11 34	4 39	22 40	0 12	22 54	0 1	11 43	1 18	0 4	2 30	12 11	0 47	21 7	0 27	12 35	17 10	20 23	20 10	19 52	9 34	0 49
S 19	18 53	10 2	3 30	11 39	4 45	22 33	0 14	22 59	0 2	11 45	1 18	0 4	2 30	12 11	0 47	21 7	0 27	12 36	17 11	20 22	20 10	19 51	9 34	0 49
M20	18 38	14 4	2 34	11 47	4 49	22 25	0 17	23 3	0 3	11 46	1 19	0 3	2 31	12 12	0 47	21 7	0 27	12 36	17 11	20 22	20 9	19 50	9 34	0 49
T 21	18 24	17 29	1 28	11 57	4 52	22 17	0 19	23 7	0 4	11 48	1 19	0 2	2 31	12 13	0 47	21 6	0 27	12 37	17 11	20 22	20 8	19 49	9 34	0 49
W22	18 9	19 59	0 16	12 9	4 52	22 8	0 22	23 11	0 4	11 49	1 19	0 2	2 31	12 14	0 47	21 6	0 27	12 37	17 12	20 22	20 8	19 48	9 34	0 49
T 23	17 54	21 18	1s 0	12 23	4 51	21 59	0 24	23 15	0 5	11 51	1 19	0 1	2 31	12 15	0 47	21 5	0 27	12 37	17 12	20 22	20 7	19 46	9 33	0 49
F 24	17 38	21 14	2 13	12 39	4 49	21 49	0 26	23 19	0 6	11 52	1 19	0s 0	2 32	12 15	0 47	21 5	0 27	12 38	17 12	20 21	20 6	19 45	9 33	0 49
S 25	17 22	19 41	3 19	12 56	4 44	21 38	0 29	23 22	0 7	11 53	1 20	0 1	2 32	12 16	0 47	21 5	0 27	12 38	17 13	20 20	20 6	19 44	9 33	0 49
S 26	17 6	16 46	4 11	13 15	4 38	21 27	0 31	23 25	0 8	11 54	1 20	0 2	2 32	12 17	0 47	21 4	0 27	12 39	17 13	20 19	20 5	19 43	9 33	0 49
M27	16 50	12 44	4 46	13 34	4 29	21 15	0 33	23 28	0 9	11 55	1 20	0 3	2 33	12 18	0 47	21 4	0 27	12 39	17 13	20 17	20 4	19 42	9 33	0 49
T 28	16 33	7 57	5 1	13 55	4 19	21 2	0 36	23 31	0 9	11 56	1 20	0 4	2 33	12 19	0 47	21 4	0 27	12 40	17 14	20 15	20 4	19 40	9 32	0 49
W29	16 16	2 47	4 56	14 16	4 8	20 49	0 38	23 33	0 10	11 57	1 21	0 5	2 33	12 19	0 47	21 3	0 27	12 41	17 14	20 12	20 3	19 39	9 32	0 49
T 30	15 59	2s22	4 33	14 37	3 55	20 35	0 40	23 36	0 11	11 58	1 21	0 6	2 33	12 20	0 47	21 3	0 27	12 41	17 14	20 10	20 2	19 38	9 32	0 49
F 31	15n42	7s15	3s54	14n58	3s41	20n20	0n42	23n38	0n12	11n59	1s21	0s 7	2s33	12s21	0s47	21n 3	0s27	12s42	17s15	20s 9	20s 1	19s37	9n32	0n49

Julian Day Number = 2299795.5, Delta T = 112.23 sec
Ecliptic obliquity = 23°29'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'31, Lahiri = 18°03'32 Julian Calendar 1 July 1584 == Greg. Calendar 11 July 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

AUGUST 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 18 8	18♌13'16	22♎32	6°R46	3♌42	26♊37	5♉ 9	5°R34	29°R38	23♋17	7°R52	29°R43	29♏ 9	11♑ 5	22°R29	S 1
S 2	21 22 4	19°10'59	5♏22	6♌29	4°55	27°16	5°12	5♈31	29♒36	23°19	7♈51	29♏40	29° 6	11°12	22♈28	S 2
M 3	21 26 1	20° 8'43	17°50	6°20	6° 9	27°55	5°14	5°29	29°34	23°21	7°50	29°D40	29° 3	11°19	22°27	M 3
T 4	21 29 57	21° 6'28	0♐ 0	6°D18	7°23	28°34	5°16	5°26	29°31	23°23	7°49	29°R40	28°59	11°25	22°26	T 4
W 5	21 33 54	22° 4'14	11°58	6°23	8°37	29°13	5°19	5°23	29°29	23°25	7°49	29°39	28°56	11°32	22°25	W 5
T 6	21 37 51	23° 2'02	23°49	6°36	9°51	29°52	5°20	5°21	29°26	23°27	7°48	29°37	28°53	11°39	22°24	T 6
F 7	21 41 47	23°59'50	5♑37	6°56	11° 5	0♋30	5°22	5°18	29°24	23°29	7°47	29°33	28°50	11°46	22°23	F 7
S 8	21 45 44	24°57'41	17°28	7°25	12°19	1° 9	5°24	5°15	29°22	23°31	7°46	29°26	28°47	11°52	22°22	S 8
S 9	21 49 40	25°55'32	29°24	8° 1	13°33	1°47	5°25	5°12	29°19	23°33	7°46	29°17	28°44	11°59	22°20	S 9
M10	21 53 37	26°53'25	11♒27	8°45	14°47	2°26	5°26	5° 9	29°17	23°35	7°45	29° 5	28°40	12° 6	22°19	M10
T 11	21 57 33	27°51'19	23°40	9°36	16° 1	3° 4	5°27	5° 6	29°15	23°37	7°44	28°51	28°37	12°12	22°18	T 11
W12	22 1 30	28°49'15	6♓ 4	10°34	17°15	3°42	5°28	5° 2	29°12	23°39	7°43	28°38	28°34	12°19	22°16	W12
T 13	22 5 26	29°47'12	18°38	11°39	18°29	4°20	5°28	4°59	29°10	23°41	7°42	28°25	28°31	12°26	22°15	T 13
F 14	22 9 23	0♍45'11	1♈22	12°51	19°43	4°58	5°28	4°56	29° 7	23°43	7°41	28°14	28°28	12°32	22°13	F 14
S 15	22 13 19	1°43'12	14°18	14° 8	20°57	5°36	5°R29	4°52	29° 5	23°44	7°40	28° 6	28°25	12°39	22°12	S 15
S 16	22 17 16	2°41'14	27°25	15°32	22°11	6°14	5°28	4°49	29° 3	23°46	7°39	28° 1	28°21	12°46	22°10	S 16
M17	22 21 13	3°39'19	10♉45	17° 0	23°26	6°52	5°28	4°45	29° 0	23°48	7°39	27°59	28°18	12°52	22° 9	M17
T 18	22 25 9	4°37'26	24°19	18°33	24°40	7°30	5°28	4°41	28°58	23°50	7°38	27°58	28°15	12°59	22° 7	T 18
W19	22 29 6	5°35'34	8♊ 7	20°10	25°54	8° 7	5°27	4°38	28°55	23°52	7°37	27°58	28°12	13° 6	22° 5	W19
T 20	22 33 2	6°33'45	22°11	21°51	27° 9	8°45	5°26	4°34	28°53	23°53	7°36	27°57	28° 9	13°12	22° 4	T 20
F 21	22 36 59	7°31'58	6♋30	23°35	28°23	9°22	5°25	4°30	28°51	23°55	7°35	27°55	28° 5	13°19	22° 2	F 21
S 22	22 40 55	8°30'13	21° 3	25°22	29°37	10° 0	5°24	4°26	28°48	23°57	7°34	27°50	28° 2	13°26	22° 0	S 22
S 23	22 44 52	9°28'30	5♌44	27°11	0♍52	10°37	5°22	4°22	28°46	23°58	7°33	27°43	27°59	13°32	21°58	S 23
M24	22 48 48	10°26'49	20°28	29° 2	2° 6	11°14	5°20	4°18	28°44	24° 0	7°32	27°33	27°56	13°39	21°56	M24
T 25	22 52 45	11°25'10	5♍ 7	0♍53	3°21	11°51	5°19	4°14	28°41	24° 2	7°31	27°22	27°53	13°46	21°54	T 25
W26	22 56 42	12°23'32	19°32	2°46	4°35	12°28	5°16	4°10	28°39	24° 3	7°30	27°11	27°50	13°53	21°52	W26
T 27	23 0 38	13°21'56	3♎38	4°40	5°50	13° 5	5°14	4° 6	28°37	24° 5	7°29	27° 1	27°46	13°59	21°50	T 27
F 28	23 4 35	14°20'23	17°20	6°34	7° 4	13°41	5°12	4° 1	28°34	24° 7	7°28	26°53	27°43	14° 6	21°48	F 28
S 29	23 8 31	15°18'51	0♏36	8°28	8°19	14°18	5° 9	3°57	28°32	24° 8	7°26	26°48	27°40	14°13	21°46	S 29
S 30	23 12 28	16°17'20	13°27	10°21	9°33	14°55	5° 6	3°53	28°30	24°10	7°25	26°45	27°37	14°19	21°43	S 30
M31	23 16 24	17♍15'51	25♏56	12♍15	10♍48	15♋31	5♉ 3	3♈48	28♒28	24♋11	7♈24	26°D44	27♏34	14♑26	21♈41	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n24	11s37	3s 3	15n18	3s26	20n 5	0n44	23n40	0n13	11n59	1s21	0s 8	2s34	12s22	0s47	21n 2	0s27	12s42	17s15	20s 8	20s 1	19s36	9n31	0n49
S 2	15 6	15 18	2 5	15 38	3 10	19 50	0 46	23 41	0 14	12 0	1 21	0 9	2 34	12 23	0 47	21 2	0 27	12 43	17 15	20 8	20 0	19 35	9 31	0 49
M 3	14 48	18 11	1 2	15 56	2 53	19 33	0 48	23 43	0 14	12 1	1 22	0 11	2 34	12 24	0 47	21 2	0 27	12 43	17 15	20 7	19 59	19 33	9 30	0 49
T 4	14 30	20 10	0n 2	16 14	2 36	19 17	0 50	23 44	0 15	12 1	1 22	0 12	2 34	12 24	0 48	21 1	0 27	12 44	17 16	20 7	19 59	19 32	9 30	0 49
W 5	14 11	21 12	1 5	16 30	2 18	18 59	0 52	23 46	0 16	12 2	1 22	0 13	2 35	12 25	0 48	21 1	0 27	12 44	17 16	20 7	19 58	19 31	9 30	0 49
T 6	13 52	21 17	2 4	16 44	2 0	18 42	0 54	23 47	0 17	12 2	1 22	0 14	2 35	12 26	0 48	21 1	0 27	12 45	17 16	20 7	19 57	19 30	9 29	0 48
F 7	13 33	20 24	2 58	16 56	1 42	18 23	0 56	23 47	0 18	12 3	1 23	0 16	2 35	12 27	0 48	21 0	0 27	12 45	17 17	20 6	19 57	19 28	9 29	0 48
S 8	13 14	18 39	3 44	17 6	1 25	18 4	0 58	23 48	0 19	12 3	1 23	0 17	2 35	12 28	0 48	21 0	0 27	12 46	17 17	20 4	19 56	19 27	9 28	0 48
S 9	12 54	16 4	4 21	17 13	1 7	17 45	1 0	23 49	0 20	12 3	1 23	0 19	2 36	12 29	0 48	21 0	0 27	12 46	17 17	20 2	19 55	19 26	9 28	0 48
M10	12 35	12 48	4 46	17 18	0 50	17 25	1 1	23 49	0 21	12 3	1 23	0 20	2 36	12 29	0 48	20 59	0 27	12 47	17 17	20 0	19 54	19 25	9 27	0 48
T 11	12 15	8 57	4 59	17 20	0 34	17 4	1 3	23 49	0 22	12 3	1 23	0 21	2 36	12 30	0 48	20 59	0 27	12 48	17 18	19 57	19 54	19 24	9 27	0 48
W12	11 55	4 42	4 57	17 20	0 18	16 44	1 5	23 49	0 22	12 3	1 24	0 23	2 36	12 31	0 48	20 59	0 27	12 48	17 18	19 54	19 53	19 22	9 26	0 48
T 13	11 34	0 11	4 42	17 16	0 3	16 22	1 6	23 49	0 23	12 3	1 24	0 24	2 36	12 32	0 48	20 58	0 27	12 49	17 18	19 51	19 52	19 21	9 26	0 48
F 14	11 14	4n24	4 12	17 10	0n11	16 0	1 8	23 48	0 24	12 3	1 24	0 26	2 37	12 33	0 48	20 58	0 27	12 49	17 18	19 49	19 52	19 20	9 25	0 48
S 15	10 53	8 51	3 29	17 1	0 24	15 38	1 9	23 47	0 25	12 3	1 24	0 27	2 37	12 34	0 48	20 58	0 27	12 50	17 18	19 47	19 51	19 19	9 24	0 48
S 16	10 32	12 58	2 34	16 48	0 37	15 15	1 10	23 47	0 26	12 3	1 25	0 29	2 37	12 34	0 48	20 57	0 27	12 50	17 19	19 46	19 50	19 17	9 24	0 48
M17	10 11	16 30	1 30	16 32	0 48	14 52	1 12	23 46	0 27	12 3	1 25	0 31	2 37	12 35	0 48	20 57	0 27	12 51	17 19	19 45	19 50	19 16	9 23	0 48
T 18	9 50	19 12	0 19	16 14	0 59	14 29	1 13	23 45	0 28	12 2	1 25	0 32	2 37	12 36	0 48	20 57	0 27	12 51	17 19	19 45	19 49	19 15	9 22	0 48
W19	9 29	20 50	0s53	15 52	1 8	14 5	1 14	23 43	0 29	12 2	1 25	0 34	2 38	12 37	0 48	20 56	0 27	12 52	17 19	19 45	19 48	19 14	9 22	0 48
T 20	9 7	21 11	2 4	15 27	1 16	13 40	1 15	23 42	0 30	12 1	1 25	0 36	2 38	12 38	0 48	20 56	0 27	12 53	17 20	19 45	19 47	19 12	9 21	0 48
F 21	8 46	20 11	3 9	15 0	1 24	13 15	1 16	23 40	0 31	12 1	1 26	0 37	2 38	12 39	0 48	20 56	0 27	12 53	17 20	19 44	19 47	19 11	9 20	0 48
S 22	8 24	17 51	4 2	14 30	1 30	12 50	1 18	23 38	0 32	12 0	1 26	0 39	2 38	12 39	0 48	20 56	0 27	12 54	17 20	19 43	19 46	19 10	9 20	0 48
S 23	8 2	14 21	4 40	13 58	1 35	12 25	1 18	23 36	0 33	11 59	1 26	0 41	2 38	12 40	0 48	20 55	0 27	12 54	17 20	19 42	19 45	19 9	9 19	0 48
M24	7 40	9 58	4 59	13 24	1 40	11 59	1 19	23 34	0 33	11 59	1 26	0 42	2 38	12 41	0 48	20 55	0 27	12 55	17 20	19 39	19 45	19 7	9 18	0 48
T 25	7 18	5 2	4 58	12 47	1 43	11 33	1 20	23 32	0 34	11 58	1 26	0 44	2 38	12 42	0 48	20 55	0 27	12 55	17 20	19 37	19 44	19 6	9 17	0 48
W26	6 56	0s 7	4 39	12 9	1 46	11 6	1 21	23 30	0 35	11 57	1 27	0 46	2 39	12 43	0 47	20 54	0 27	12 56	17 21	19 34	19 43	19 5	9 16	0 48
T 27	6 33	5 9	4 3	11 29	1 48	10 40	1 22	23 27	0 36	11 56	1 27	0 48	2 39	12 43	0 47	20 54	0 27	12 56	17 21	19 32	19 42	19 3	9 16	0 47
F 28	6 11	9 47	3 13	10 48	1 48	10 12	1 22	23 24	0 37	11 55	1 27	0 50	2 39	12 44	0 47	20 54	0 27	12 57	17 21	19 30	19 42	19 2	9 15	0 47
S 29	5 48	13 48	2 14	10 6	1 49	9 45	1 23	23 21	0 38	11 54	1 27	0 51	2 39	12 45	0 47	20 54	0 27	12 57	17 21	19 29	19 41	19 1	9 14	0 47
S 30	5 25	17 1	1 10	9 22	1 48	9 17	1 23	23 18	0 39	11 53	1 27	0 53	2 39	12 46	0 47	20 53	0 27	12 58	17 21	19 28	19 40	18 59	9 13	0 47
M31	5n 2	19s21	0s 4	8n38	1n47	8n50	1n24	23n15	0n40	11n52	1s28	0s55	2s39	12s47	0s47	20n53	0s27	12s59	17s21	19s28	19s40	18s58	9n12	0n47

Julian Day Number = 2299826.5, Delta T = 112.09 sec
Ecliptic obliquity = 23°29'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'35, Lahiri = 18°03'36 Julian Calendar 1 Aug. 1584 == Greg. Calendar 11 Aug. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

SEPTEMBER 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 20 21	18♍14'24	8♐ 8	14♍ 8	12♍ 3	16♋ 7	5°R 0	3°R44	28°R26	24♋13	7°R23	26♏45	27♏31	14♑33	21°R39	T 1
W 2	23 24 17	19°12'59	20° 7	16° 1	13°17	16°43	4♉56	3♈40	28♒23	24°14	7♈22	26°R45	27°27	14°39	21♈37	W 2
T 3	23 28 14	20°11'36	1♑59	17°52	14°32	17°20	4°53	3°35	28°21	24°16	7°21	26°44	27°24	14°46	21°34	T 3
F 4	23 32 11	21°10'14	13°49	19°44	15°47	17°55	4°49	3°31	28°19	24°17	7°20	26°41	27°21	14°53	21°32	F 4
S 5	23 36 7	22° 8'53	25°42	21°34	17° 1	18°31	4°45	3°26	28°17	24°18	7°19	26°37	27°18	14°59	21°30	S 5
S 6	23 40 4	23° 7'35	7♒42	23°23	18°16	19° 7	4°41	3°21	28°15	24°20	7°18	26°29	27°15	15° 6	21°27	S 6
M 7	23 44 0	24° 6'18	19°52	25°12	19°31	19°43	4°36	3°17	28°13	24°21	7°17	26°20	27°11	15°13	21°25	M 7
T 8	23 47 57	25° 5'03	2♓16	26°59	20°46	20°18	4°32	3°12	28°11	24°22	7°15	26° 9	27° 8	15°19	21°22	T 8
W 9	23 51 53	26° 3'50	14°53	28°46	22° 1	20°54	4°27	3° 8	28° 9	24°24	7°14	25°58	27° 5	15°26	21°20	W 9
T 10	23 55 50	27° 2'39	27°44	0♎32	23°15	21°29	4°22	3° 3	28° 7	24°25	7°13	25°48	27° 2	15°33	21°17	T 10
F 11	23 59 46	28° 1'30	10♈50	2°17	24°30	22° 4	4°17	2°58	28° 5	24°26	7°12	25°39	26°59	15°39	21°14	F 11
S 12	0 3 43	29° 0'23	24° 7	4° 1	25°45	22°39	4°12	2°54	28° 3	24°27	7°11	25°33	26°56	15°46	21°12	S 12
S 13	0 7 40	29°59'19	7♉35	5°44	27° 0	23°14	4° 6	2°49	28° 1	24°28	7°10	25°29	26°52	15°53	21° 9	S 13
M14	0 11 36	0♎58'16	21°13	7°26	28°15	23°49	4° 1	2°44	27°59	24°29	7° 9	25°D27	26°49	16° 0	21° 7	M14
T 15	0 15 33	1°57'16	5♊ 0	9° 7	29°30	24°23	3°55	2°40	27°57	24°31	7° 7	25°27	26°46	16° 6	21° 4	T 15
W16	0 19 29	2°56'18	18°56	10°48	0♎45	24°58	3°49	2°35	27°55	24°32	7° 6	25°28	26°43	16°13	21° 1	W16
T 17	0 23 26	3°55'23	2♋59	12°27	1°59	25°32	3°43	2°30	27°53	24°33	7° 5	25°R29	26°40	16°20	20°58	T 17
F 18	0 27 22	4°54'30	17° 9	14° 6	3°14	26° 7	3°37	2°25	27°52	24°34	7° 4	25°28	26°36	16°26	20°56	F 18
S 19	0 31 19	5°53'39	1♌24	15°44	4°29	26°41	3°31	2°21	27°50	24°35	7° 3	25°26	26°33	16°33	20°53	S 19
S 20	0 35 15	6°52'51	15°43	17°21	5°44	27°15	3°24	2°16	27°48	24°36	7° 2	25°21	26°30	16°40	20°50	S 20
M21	0 39 12	7°52'05	29°59	18°57	6°59	27°49	3°18	2°11	27°46	24°36	7° 0	25°15	26°27	16°46	20°47	M21
T 22	0 43 9	8°51'21	14♍11	20°33	8°14	28°23	3°11	2° 7	27°45	24°37	6°59	25° 7	26°24	16°53	20°45	T 22
W23	0 47 5	9°50'39	28°12	22° 7	9°29	28°56	3° 4	2° 2	27°43	24°38	6°58	24°59	26°21	17° 0	20°42	W23
T 24	0 51 2	10°49'59	11♎58	23°41	10°44	29°30	2°57	1°57	27°42	24°39	6°57	24°53	26°17	17° 6	20°39	T 24
F 25	0 54 58	11°49'22	25°26	25°15	11°59	0♌ 3	2°50	1°53	27°40	24°40	6°56	24°47	26°14	17°13	20°36	F 25
S 26	0 58 55	12°48'46	8♏32	26°47	13°15	0°36	2°43	1°48	27°39	24°41	6°55	24°44	26°11	17°20	20°33	S 26
S 27	1 2 51	13°48'13	21°19	28°19	14°30	1° 9	2°36	1°44	27°37	24°41	6°53	24°D43	26° 8	17°27	20°30	S 27
M28	1 6 48	14°47'41	3♐47	29°50	15°45	1°42	2°28	1°39	27°36	24°42	6°52	24°43	26° 5	17°33	20°27	M28
T 29	1 10 44	15°47'11	15°59	1♏21	17° 0	2°15	2°21	1°35	27°34	24°43	6°51	24°44	26° 2	17°40	20°24	T 29
W30	1 14 41	16♎46'44	27♐59	2♏50	18♎15	2♌47	2♉13	1♈30	27♒33	24♋43	6♈50	24♏46	25♏58	17♑47	20♈22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n40	20s43	1n 0	7n52	1n45	8n21	1n24	23n12	0n41	11n50	1s28	0s57	2s39	12s47	0s47	20n53	0s27	12s59	17s21	19s28	19s39	18s57	9n11	0n47
W 2	4 17	21 7	2 1	7 7	1 43	7 53	1 25	23 8	0 42	11 49	1 28	0 59	2 39	12 48	0 47	20 53	0 27	13 0	17 22	19 28	19 38	18 56	9 10	0 47
T 3	3 54	20 32	2 56	6 20	1 40	7 24	1 25	23 5	0 43	11 48	1 28	1 1	2 40	12 49	0 47	20 52	0 27	13 0	17 22	19 28	19 37	18 54	9 9	0 47
F 4	3 30	19 4	3 43	5 34	1 37	6 56	1 25	23 1	0 44	11 46	1 28	1 3	2 40	12 50	0 47	20 52	0 27	13 1	17 22	19 28	19 37	18 53	9 8	0 47
S 5	3 7	16 46	4 21	4 47	1 33	6 27	1 25	22 57	0 45	11 45	1 28	1 4	2 40	12 50	0 47	20 52	0 27	13 1	17 22	19 26	19 36	18 52	9 7	0 47
S 6	2 44	13 45	4 48	4 0	1 29	5 57	1 25	22 53	0 46	11 43	1 29	1 6	2 40	12 51	0 47	20 52	0 27	13 2	17 22	19 25	19 35	18 50	9 6	0 47
M 7	2 21	10 6	5 2	3 12	1 25	5 28	1 25	22 49	0 47	11 41	1 29	1 8	2 40	12 52	0 47	20 51	0 27	13 2	17 22	19 22	19 34	18 49	9 5	0 47
T 8	1 57	5 59	5 2	2 25	1 20	4 58	1 25	22 45	0 48	11 40	1 29	1 10	2 40	12 52	0 47	20 51	0 27	13 3	17 22	19 20	19 34	18 48	9 4	0 47
W 9	1 34	1 33	4 48	1 38	1 15	4 29	1 25	22 41	0 49	11 38	1 29	1 12	2 40	12 53	0 47	20 51	0 27	13 3	17 22	19 17	19 33	18 46	9 3	0 47
T 10	1 11	3n 3	4 18	0 51	1 9	3 59	1 25	22 36	0 50	11 36	1 29	1 14	2 40	12 54	0 47	20 51	0 27	13 4	17 22	19 15	19 32	18 45	9 2	0 47
F 11	0 47	7 35	3 35	0 4	1 4	3 29	1 25	22 31	0 51	11 34	1 29	1 16	2 40	12 54	0 47	20 50	0 27	13 4	17 22	19 13	19 32	18 44	9 1	0 47
S 12	0 24	11 51	2 40	0s43	0 58	2 59	1 24	22 27	0 52	11 33	1 29	1 18	2 40	12 55	0 47	20 50	0 27	13 5	17 22	19 11	19 31	18 42	9 0	0 47
S 13	0 0	15 34	1 34	1 29	0 52	2 29	1 24	22 22	0 53	11 31	1 30	1 20	2 40	12 56	0 47	20 50	0 27	13 5	17 23	19 10	19 30	18 41	8 59	0 46
M14	0s23	18 28	0 23	2 16	0 45	1 59	1 24	22 17	0 54	11 29	1 30	1 22	2 40	12 56	0 47	20 50	0 27	13 6	17 23	19 10	19 29	18 40	8 58	0 46
T 15	0 47	20 20	0s51	3 1	0 39	1 28	1 23	22 12	0 56	11 27	1 30	1 23	2 40	12 57	0 47	20 50	0 27	13 6	17 23	19 10	19 29	18 38	8 57	0 46
W16	1 10	20 59	2 3	3 47	0 33	0 58	1 22	22 7	0 57	11 24	1 30	1 25	2 40	12 58	0 47	20 49	0 27	13 7	17 23	19 10	19 28	18 37	8 56	0 46
T 17	1 34	20 20	3 8	4 32	0 26	0 27	1 22	22 1	0 58	11 22	1 30	1 27	2 40	12 58	0 47	20 49	0 27	13 7	17 23	19 10	19 27	18 36	8 55	0 46
F 18	1 57	18 23	4 2	5 17	0 19	0s 3	1 21	21 56	0 59	11 20	1 30	1 29	2 40	12 59	0 47	20 49	0 27	13 8	17 23	19 10	19 26	18 34	8 54	0 46
S 19	2 21	15 19	4 41	6 1	0 12	0 34	1 20	21 51	1 0	11 18	1 30	1 31	2 40	12 59	0 47	20 49	0 27	13 8	17 23	19 10	19 26	18 33	8 53	0 46
S 20	2 44	11 20	5 3	6 44	0 6	1 4	1 19	21 45	1 1	11 16	1 30	1 33	2 40	13 0	0 47	20 49	0 27	13 9	17 23	19 9	19 25	18 31	8 52	0 46
M21	3 8	6 43	5 7	7 28	0s 1	1 35	1 19	21 39	1 2	11 13	1 30	1 35	2 40	13 1	0 47	20 49	0 27	13 9	17 23	19 7	19 24	18 30	8 51	0 46
T 22	3 31	1 45	4 51	8 10	0 8	2 5	1 18	21 34	1 3	11 11	1 31	1 37	2 40	13 1	0 47	20 48	0 27	13 10	17 23	19 5	19 23	18 29	8 49	0 46
W23	3 54	3s14	4 18	8 52	0 15	2 36	1 17	21 28	1 4	11 9	1 31	1 38	2 40	13 2	0 47	20 48	0 27	13 10	17 23	19 3	19 23	18 27	8 48	0 46
T 24	4 18	7 58	3 30	9 34	0 22	3 6	1 16	21 22	1 5	11 6	1 31	1 40	2 40	13 2	0 47	20 48	0 27	13 10	17 23	19 2	19 22	18 26	8 47	0 46
F 25	4 41	12 13	2 32	10 15	0 29	3 37	1 14	21 16	1 7	11 4	1 31	1 42	2 40	13 3	0 47	20 48	0 27	13 11	17 23	19 0	19 21	18 25	8 46	0 46
S 26	5 4	15 45	1 27	10 55	0 36	4 7	1 13	21 10	1 8	11 1	1 31	1 44	2 40	13 3	0 47	20 48	0 27	13 11	17 23	19 0	19 20	18 23	8 45	0 46
S 27	5 27	18 26	0 18	11 34	0 43	4 37	1 12	21 4	1 9	10 59	1 31	1 46	2 40	13 4	0 47	20 48	0 27	13 12	17 23	18 59	19 20	18 22	8 44	0 45
M28	5 51	20 9	0n49	12 13	0 50	5 7	1 11	20 58	1 10	10 56	1 31	1 47	2 40	13 4	0 47	20 48	0 27	13 12	17 23	18 59	19 19	18 20	8 43	0 45
T 29	6 14	20 53	1 53	12 52	0 57	5 37	1 9	20 51	1 11	10 53	1 31	1 49	2 40	13 4	0 47	20 47	0 27	13 12	17 22	19 0	19 18	18 19	8 41	0 45
W30	6s36	20s37	2n51	13s29	1s 4	6s 7	1n 8	20n45	1n12	10n51	1s31	1s51	2s40	13s 5	0s47	20n47	0s27	13s13	17s22	19s 0	19s17	18s18	8n40	0n45

Julian Day Number = 2299857.5, Delta T = 111.95 sec
Ecliptic obliquity = 23°29'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'40, Lahiri = 18°03'40 Julian Calendar 1 Sept. 1584 == Greg. Calendar 11 Sept. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

OCTOBER 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 18 37	17♎46'17	9♉52	4♏20	19♎30	3♌20	2°R 6	1°R26	27°R32	24♋44	6°R49	24♏47	25♏55	17♉53	20°R19	T 1
F 2	1 22 34	18°45'53	21°42	5°48	20°45	3°52	1♉58	1♈21	27♒31	24°44	6♈48	24°R48	25°52	18° 0	20♈16	F 2
S 3	1 26 31	19°45'30	3♒36	7°16	22° 0	4°24	1°50	1°17	27°29	24°45	6°46	24°47	25°49	18° 7	20°13	S 3
S 4	1 30 27	20°45'10	15°38	8°42	23°15	4°56	1°42	1°13	27°28	24°45	6°45	24°44	25°46	18°13	20°10	S 4
M 5	1 34 24	21°44'50	27°51	10° 9	24°30	5°28	1°34	1° 9	27°27	24°46	6°44	24°40	25°42	18°20	20° 7	M 5
T 6	1 38 20	22°44'33	10♓20	11°34	25°46	5°59	1°26	1° 4	27°26	24°46	6°43	24°35	25°39	18°27	20° 4	T 6
W 7	1 42 17	23°44'17	23° 7	12°59	27° 1	6°31	1°18	1° 0	27°25	24°47	6°42	24°30	25°36	18°33	20° 1	W 7
T 8	1 46 13	24°44'04	6♈12	14°23	28°16	7° 2	1°10	0°56	27°24	24°47	6°41	24°25	25°33	18°40	19°58	T 8
F 9	1 50 10	25°43'52	19°36	15°46	29°31	7°33	1° 2	0°52	27°23	24°47	6°40	24°20	25°30	18°47	19°55	F 9
S 10	1 54 6	26°43'42	3♉17	17° 8	0♏46	8° 4	0°54	0°48	27°22	24°48	6°39	24°18	25°27	18°54	19°53	S 10
S 11	1 58 3	27°43'34	17°11	18°29	2° 1	8°34	0°46	0°44	27°22	24°48	6°38	24°16	25°23	19° 0	19°50	S 11
M12	2 2 0	28°43'28	1♊16	19°49	3°17	9° 5	0°38	0°40	27°21	24°48	6°37	24°D16	25°20	19° 7	19°47	M12
T 13	2 5 56	29°43'25	15°28	21° 8	4°32	9°35	0°30	0°36	27°20	24°48	6°35	24°17	25°17	19°14	19°44	T 13
W14	2 9 53	0♏43'24	29°43	22°25	5°47	10° 5	0°22	0°33	27°19	24°48	6°34	24°19	25°14	19°20	19°41	W14
T 15	2 13 49	1°43'24	13♋58	23°42	7° 2	10°35	0°13	0°29	27°19	24°49	6°33	24°20	25°11	19°27	19°38	T 15
F 16	2 17 46	2°43'27	28°11	24°57	8°17	11° 5	0° 5	0°25	27°18	24°49	6°32	24°R21	25° 8	19°34	19°36	F 16
S 17	2 21 42	3°43'32	12♌20	26°10	9°32	11°34	29♈57	0°22	27°18	24°49	6°31	24°21	25° 4	19°40	19°33	S 17
S 18	2 25 39	4°43'40	26°22	27°22	10°48	12° 4	29°49	0°18	27°17	24°R49	6°30	24°19	25° 1	19°47	19°30	S 18
M19	2 29 35	5°43'49	10♍16	28°32	12° 3	12°33	29°41	0°15	27°17	24°49	6°29	24°17	24°58	19°54	19°27	M19
T 20	2 33 32	6°44'00	24° 1	29°39	13°18	13° 2	29°33	0°12	27°16	24°49	6°28	24°15	24°55	20° 1	19°24	T 20
W21	2 37 29	7°44'14	7♎33	0♐44	14°33	13°30	29°25	0° 9	27°16	24°49	6°27	24°13	24°52	20° 7	19°22	W21
T 22	2 41 25	8°44'29	20°53	1°47	15°49	13°59	29°17	0° 5	27°16	24°48	6°26	24°10	24°48	20°14	19°19	T 22
F 23	2 45 22	9°44'47	3♏58	2°46	17° 4	14°27	29° 9	0° 2	27°15	24°48	6°25	24° 9	24°45	20°21	19°16	F 23
S 24	2 49 18	10°45'06	16°48	3°43	18°19	14°55	29° 1	29♓59	27°15	24°48	6°24	24° 8	24°42	20°27	19°14	S 24
S 25	2 53 15	11°45'26	29°23	4°35	19°34	15°22	28°53	29°56	27°15	24°48	6°24	24°D 8	24°39	20°34	19°11	S 25
M26	2 57 11	12°45'49	11♐43	5°23	20°50	15°50	28°46	29°54	27°15	24°48	6°23	24° 9	24°36	20°41	19° 8	M26
T 27	3 1 8	13°46'13	23°52	6° 6	22° 5	16°17	28°38	29°51	27°D15	24°47	6°22	24° 9	24°33	20°47	19° 6	T 27
W28	3 5 4	14°46'39	5♑51	6°44	23°20	16°44	28°31	29°48	27°15	24°47	6°21	24°11	24°29	20°54	19° 3	W28
T 29	3 9 1	15°47'06	17°44	7°16	24°35	17°10	28°23	29°46	27°15	24°47	6°20	24°11	24°26	21° 1	19° 1	T 29
F 30	3 12 58	16°47'34	29°34	7°41	25°50	17°37	28°16	29°43	27°15	24°46	6°19	24°12	24°23	21° 8	18°58	F 30
S 31	3 16 54	17♏48'04	11♒27	7♐59	27♏ 6	18♌ 3	28♈ 9	29♓41	27♒15	24♋46	6♈18	24♏13	24♏20	21♉14	18♈56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s59	19s27	3n41	14s 6	1s11	6s37	1n 7	20n39	1n13	10n48	1s31	1s53	2s40	13s 5	0s47	20n47	0s27	13s13	17s22	19s 0	19s17	18s16	8n39	0n45
F 2	7 22	17 26	4 22	14 42	1 17	7 7	1 5	20 32	1 15	10 46	1 31	1 54	2 40	13 6	0 47	20 47	0 27	13 14	17 22	19 1	19 16	18 15	8 38	0 45
S 3	7 45	14 40	4 51	15 17	1 24	7 36	1 4	20 26	1 16	10 43	1 31	1 56	2 40	13 6	0 47	20 47	0 27	13 14	17 22	19 0	19 15	18 13	8 37	0 45
S 4	8 7	11 17	5 8	15 52	1 30	8 6	1 2	20 19	1 17	10 40	1 31	1 58	2 40	13 6	0 47	20 47	0 27	13 14	17 22	19 0	19 14	18 12	8 35	0 45
M 5	8 30	7 22	5 12	16 25	1 37	8 35	1 0	20 13	1 18	10 37	1 31	1 59	2 40	13 7	0 47	20 47	0 27	13 15	17 22	18 59	19 14	18 11	8 34	0 45
T 6	8 52	3 4	5 0	16 58	1 43	9 4	0 59	20 6	1 19	10 35	1 31	2 1	2 40	13 7	0 47	20 47	0 27	13 15	17 22	18 57	19 13	18 9	8 33	0 45
W 7	9 14	1n27	4 34	17 30	1 49	9 33	0 57	19 59	1 21	10 32	1 31	2 2	2 40	13 7	0 47	20 47	0 27	13 15	17 22	18 56	19 12	18 8	8 32	0 45
T 8	9 36	6 2	3 53	18 1	1 55	10 1	0 55	19 53	1 22	10 29	1 31	2 4	2 39	13 8	0 47	20 47	0 27	13 16	17 22	18 55	19 11	18 6	8 31	0 45
F 9	9 58	10 26	2 59	18 31	2 0	10 30	0 53	19 46	1 23	10 26	1 31	2 5	2 39	13 8	0 47	20 47	0 27	13 16	17 22	18 54	19 11	18 5	8 30	0 44
S 10	10 20	14 24	1 53	19 0	2 6	10 58	0 51	19 39	1 24	10 24	1 31	2 7	2 39	13 8	0 46	20 46	0 27	13 16	17 21	18 53	19 10	18 4	8 28	0 44
S 11	10 41	17 37	0 39	19 28	2 11	11 26	0 49	19 32	1 26	10 21	1 31	2 8	2 39	13 9	0 46	20 46	0 27	13 17	17 21	18 53	19 9	18 2	8 27	0 44
M12	11 3	19 50	0s38	19 55	2 16	11 53	0 47	19 25	1 27	10 18	1 31	2 10	2 39	13 9	0 46	20 46	0 27	13 17	17 21	18 53	19 8	18 1	8 26	0 44
T 13	11 24	20 48	1 54	20 20	2 21	12 21	0 45	19 18	1 28	10 15	1 31	2 11	2 39	13 9	0 46	20 46	0 27	13 17	17 21	18 53	19 8	17 59	8 25	0 44
W14	11 45	20 27	3 3	20 45	2 25	12 48	0 43	19 12	1 30	10 12	1 31	2 13	2 39	13 9	0 46	20 46	0 27	13 17	17 21	18 53	19 7	17 58	8 24	0 44
T 15	12 6	18 46	4 1	21 9	2 29	13 14	0 41	19 5	1 31	10 10	1 31	2 14	2 39	13 9	0 46	20 46	0 27	13 18	17 21	18 54	19 6	17 56	8 23	0 44
F 16	12 27	15 57	4 43	21 31	2 33	13 41	0 39	18 58	1 32	10 7	1 30	2 15	2 39	13 10	0 46	20 46	0 27	13 18	17 21	18 54	19 5	17 55	8 21	0 44
S 17	12 47	12 12	5 8	21 52	2 36	14 7	0 37	18 51	1 33	10 4	1 30	2 17	2 38	13 10	0 46	20 46	0 27	13 18	17 20	18 54	19 5	17 53	8 20	0 44
S 18	13 8	7 49	5 15	22 12	2 39	14 33	0 35	18 44	1 35	10 1	1 30	2 18	2 38	13 10	0 46	20 46	0 27	13 18	17 20	18 54	19 4	17 52	8 19	0 44
M19	13 28	3 3	5 3	22 30	2 42	14 58	0 33	18 37	1 36	9 59	1 30	2 19	2 38	13 10	0 46	20 46	0 27	13 19	17 20	18 53	19 3	17 51	8 18	0 44
T 20	13 48	1s49	4 34	22 47	2 44	15 23	0 31	18 30	1 37	9 56	1 30	2 20	2 38	13 10	0 46	20 46	0 27	13 19	17 20	18 53	19 2	17 49	8 17	0 43
W21	14 7	6 31	3 50	23 3	2 45	15 47	0 28	18 23	1 39	9 53	1 30	2 21	2 38	13 10	0 46	20 46	0 27	13 19	17 20	18 52	19 1	17 48	8 16	0 43
T 22	14 27	10 51	2 54	23 17	2 46	16 12	0 26	18 16	1 40	9 51	1 30	2 22	2 38	13 10	0 46	20 46	0 27	13 19	17 19	18 51	19 1	17 46	8 15	0 43
F 23	14 46	14 35	1 49	23 29	2 46	16 35	0 24	18 9	1 42	9 48	1 30	2 23	2 37	13 10	0 46	20 46	0 27	13 20	17 19	18 51	19 0	17 45	8 14	0 43
S 24	15 5	17 32	0 41	23 39	2 46	16 59	0 21	18 2	1 43	9 45	1 30	2 24	2 37	13 10	0 46	20 46	0 27	13 20	17 19	18 51	18 59	17 43	8 12	0 43
S 25	15 24	19 35	0n29	23 48	2 45	17 21	0 19	17 55	1 44	9 43	1 29	2 25	2 37	13 10	0 46	20 46	0 27	13 20	17 19	18 51	18 58	17 42	8 11	0 43
M26	15 42	20 39	1 36	23 55	2 43	17 44	0 17	17 49	1 46	9 40	1 29	2 26	2 37	13 10	0 46	20 46	0 27	13 20	17 19	18 51	18 58	17 40	8 10	0 43
T 27	16 0	20 44	2 38	24 0	2 40	18 6	0 14	17 42	1 47	9 38	1 29	2 27	2 37	13 10	0 46	20 46	0 27	13 20	17 18	18 51	18 57	17 39	8 9	0 43
W28	16 18	19 51	3 31	24 2	2 36	18 27	0 12	17 35	1 49	9 35	1 29	2 28	2 37	13 10	0 46	20 47	0 27	13 20	17 18	18 51	18 56	17 37	8 8	0 43
T 29	16 36	18 6	4 15	24 3	2 31	18 48	0 10	17 28	1 50	9 33	1 29	2 29	2 36	13 10	0 46	20 47	0 27	13 20	17 18	18 52	18 55	17 36	8 7	0 43
F 30	16 53	15 35	4 49	24 1	2 25	19 9	0 7	17 22	1 52	9 30	1 29	2 30	2 36	13 10	0 46	20 47	0 27	13 20	17 18	18 52	18 54	17 34	8 6	0 42
S 31	17s11	12s25	5n10	23s56	2s17	19s28	0n 5	17n15	1n53	9n28	1s28	2s31	2s36	13s10	0s46	20n47	0s27	13s21	17s17	18s52	18s54	17s33	8n 5	0n42

Julian Day Number = 2299887.5, Delta T = 111.81 sec
Ecliptic obliquity = 23°29'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'44, Lahiri = 18°03'44 Julian Calendar 1 Oct. 1584 == Greg. Calendar 11 Oct. 1584

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1584
geocentric

NOVEMBER 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 20 51	18♏48'35	23♒27	8♐ 8	28♏21	18♌29	28°R 1	29°R39	27♒15	24°R45	6°R17	24°R13	24♏17	21♑21	18°R53	S 1
M 2	3 24 47	19°49'07	5♓38	8°R 9	29°36	18°54	27♈54	29♓37	27°16	24♋45	6♈17	24♏12	24°13	21°28	18♈51	M 2
T 3	3 28 44	20°49'41	18° 6	8° 0	0♐51	19°19	27°47	29°34	27°16	24°44	6°16	24°12	24°10	21°34	18°49	T 3
W 4	3 32 40	21°50'16	0♈53	7°41	2° 7	19°44	27°41	29°32	27°16	24°44	6°15	24°12	24° 7	21°41	18°46	W 4
T 5	3 36 37	22°50'52	14° 3	7°12	3°22	20° 9	27°34	29°31	27°17	24°43	6°14	24°11	24° 4	21°48	18°44	T 5
F 6	3 40 33	23°51'29	27°37	6°32	4°37	20°33	27°27	29°29	27°17	24°43	6°14	24°D11	24° 1	21°54	18°42	F 6
S 7	3 44 30	24°52'08	11♉34	5°41	5°52	20°57	27°21	29°27	27°18	24°42	6°13	24°11	23°58	22° 1	18°40	S 7
S 8	3 48 27	25°52'48	25°50	4°41	7° 8	21°21	27°15	29°26	27°18	24°41	6°12	24°R11	23°54	22° 8	18°37	S 8
M 9	3 52 23	26°53'29	10♊22	3°32	8°23	21°44	27° 9	29°24	27°19	24°40	6°12	24°11	23°51	22°15	18°35	M 9
T 10	3 56 20	27°54'12	25° 4	2°16	9°38	22° 8	27° 3	29°23	27°20	24°40	6°11	24°11	23°48	22°21	18°33	T 10
W11	4 0 16	28°54'57	9♋47	0°56	10°53	22°30	26°57	29°22	27°20	24°39	6°10	24°11	23°45	22°28	18°31	W11
T 12	4 4 13	29°55'43	24°26	29♏34	12° 8	22°53	26°51	29°20	27°21	24°38	6°10	24°10	23°42	22°35	18°29	T 12
F 13	4 8 9	0♐56'30	8♌56	28°12	13°24	23°15	26°46	29°19	27°22	24°37	6° 9	24° 9	23°39	22°41	18°27	F 13
S 14	4 12 6	1°57'19	23°11	26°54	14°39	23°36	26°41	29°18	27°23	24°36	6° 8	24° 9	23°35	22°48	18°25	S 14
S 15	4 16 2	2°58'09	7♍10	25°41	15°54	23°58	26°35	29°18	27°24	24°36	6° 8	24°D 9	23°32	22°55	18°23	S 15
M16	4 19 59	3°59'01	20°52	24°37	17° 9	24°18	26°30	29°17	27°25	24°35	6° 7	24° 9	23°29	23° 1	18°21	M16
T 17	4 23 56	4°59'54	4♎18	23°43	18°24	24°39	26°26	29°16	27°26	24°34	6° 7	24°10	23°26	23° 8	18°20	T 17
W18	4 27 52	6° 0'49	17°27	23° 0	19°40	24°59	26°21	29°16	27°27	24°33	6° 6	24°11	23°23	23°15	18°18	W18
T 19	4 31 49	7° 1'45	0♏23	22°27	20°55	25°19	26°17	29°15	27°28	24°32	6° 6	24°12	23°19	23°22	18°16	T 19
F 20	4 35 45	8° 2'42	13° 5	22° 7	22°10	25°38	26°12	29°15	27°29	24°31	6° 5	24°13	23°16	23°28	18°15	F 20
S 21	4 39 42	9° 3'40	25°35	21°D57	23°25	25°57	26° 8	29°15	27°30	24°30	6° 5	24°R13	23°13	23°35	18°13	S 21
S 22	4 43 38	10° 4'40	7♐54	21°58	24°41	26°15	26° 4	29°D15	27°32	24°29	6° 4	24°13	23°10	23°42	18°12	S 22
M23	4 47 35	11° 5'40	20° 5	22° 9	25°56	26°33	26° 1	29°15	27°33	24°27	6° 4	24°11	23° 7	23°48	18°10	M23
T 24	4 51 31	12° 6'41	2♑ 7	22°30	27°11	26°51	25°57	29°15	27°34	24°26	6° 4	24° 9	23° 4	23°55	18° 9	T 24
W25	4 55 28	13° 7'43	14° 2	22°58	28°26	27° 8	25°54	29°15	27°36	24°25	6° 3	24° 6	23° 0	24° 2	18° 7	W25
T 26	4 59 25	14° 8'46	25°54	23°34	29°41	27°25	25°51	29°16	27°37	24°24	6° 3	24° 3	22°57	24° 9	18° 6	T 26
F 27	5 3 21	15° 9'49	7♒44	24°16	0♑57	27°41	25°48	29°16	27°39	24°23	6° 3	23°59	22°54	24°15	18° 5	F 27
S 28	5 7 18	16°10'53	19°36	25° 5	2°12	27°56	25°45	29°17	27°40	24°21	6° 2	23°56	22°51	24°22	18° 3	S 28
S 29	5 11 14	17°11'57	1♓34	25°58	3°27	28°11	25°43	29°17	27°42	24°20	6° 2	23°54	22°48	24°29	18° 2	S 29
M30	5 15 11	18♐13'01	13♓41	26♏56	4♑42	28♌26	25♈40	29♓18	27♒44	24♋19	6♈ 2	23°D53	22♏45	24♑35	18♈ 1	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s27	8s44	5n17	23s49	2s 8	19s48	0n 2	17n 8	1n55	9n25	1s28	2s31	2s36	13s10	0s46	20n47	0s27	13s21	17s17	18s52	18s53	17s31	8n 4	0n42
M 2	17 44	4 38	5 11	23 39	1 58	20 7	0s 0	17 2	1 56	9 23	1 28	2 32	2 36	13 10	0 46	20 47	0 27	13 21	17 17	18 52	18 52	17 30	8 3	0 42
T 3	18 0	0 16	4 50	23 26	1 46	20 25	0 2	16 55	1 58	9 21	1 28	2 33	2 35	13 10	0 46	20 47	0 27	13 21	17 17	18 52	18 51	17 28	8 2	0 42
W 4	18 16	4n15	4 15	23 10	1 32	20 43	0 5	16 49	1 59	9 18	1 28	2 33	2 35	13 9	0 46	20 47	0 27	13 21	17 16	18 52	18 51	17 27	8 1	0 42
T 5	18 31	8 42	3 25	22 50	1 17	21 0	0 7	16 43	2 1	9 16	1 27	2 34	2 35	13 9	0 46	20 47	0 27	13 21	17 16	18 52	18 50	17 25	8 0	0 42
F 6	18 47	12 52	2 22	22 27	1 1	21 16	0 10	16 36	2 3	9 14	1 27	2 34	2 35	13 9	0 45	20 47	0 27	13 21	17 16	18 52	18 49	17 24	7 59	0 42
S 7	19 2	16 26	1 10	22 0	0 43	21 32	0 12	16 30	2 4	9 12	1 27	2 35	2 34	13 9	0 45	20 47	0 27	13 21	17 16	18 52	18 48	17 22	7 58	0 42
S 8	19 16	19 7	0s 9	21 31	0 24	21 47	0 15	16 24	2 6	9 10	1 27	2 35	2 34	13 9	0 45	20 47	0 27	13 21	17 15	18 52	18 47	17 21	7 57	0 41
M 9	19 30	20 35	1 29	20 58	0 4	22 2	0 17	16 18	2 7	9 8	1 26	2 36	2 34	13 8	0 45	20 48	0 27	13 21	17 15	18 52	18 47	17 19	7 56	0 41
T 10	19 44	20 41	2 43	20 23	0n17	22 16	0 20	16 12	2 9	9 6	1 26	2 36	2 34	13 8	0 45	20 48	0 27	13 21	17 15	18 52	18 46	17 18	7 55	0 41
W11	19 58	19 21	3 47	19 47	0 37	22 29	0 22	16 6	2 11	9 4	1 26	2 36	2 34	13 8	0 45	20 48	0 27	13 21	17 14	18 51	18 45	17 16	7 54	0 41
T 12	20 11	16 45	4 36	19 10	0 57	22 42	0 24	16 0	2 12	9 3	1 26	2 36	2 33	13 8	0 45	20 48	0 27	13 21	17 14	18 51	18 44	17 15	7 54	0 41
F 13	20 24	13 8	5 6	18 34	1 16	22 54	0 27	15 55	2 14	9 1	1 25	2 37	2 33	13 7	0 45	20 48	0 27	13 21	17 14	18 51	18 43	17 13	7 53	0 41
S 14	20 36	8 49	5 17	17 59	1 34	23 5	0 29	15 49	2 16	8 59	1 25	2 37	2 33	13 7	0 45	20 48	0 27	13 21	17 13	18 51	18 43	17 12	7 52	0 41
S 15	20 48	4 7	5 9	17 27	1 50	23 16	0 32	15 43	2 18	8 57	1 25	2 37	2 33	13 7	0 45	20 48	0 27	13 21	17 13	18 51	18 42	17 10	7 51	0 41
M16	20 59	0s43	4 44	16 58	2 4	23 26	0 34	15 38	2 19	8 56	1 25	2 37	2 32	13 6	0 45	20 49	0 27	13 21	17 13	18 51	18 41	17 9	7 50	0 41
T 17	21 11	5 25	4 3	16 33	2 16	23 35	0 36	15 33	2 21	8 54	1 24	2 37	2 32	13 6	0 45	20 49	0 27	13 21	17 13	18 51	18 40	17 7	7 49	0 40
W18	21 21	9 47	3 10	16 13	2 25	23 44	0 39	15 28	2 23	8 53	1 24	2 37	2 32	13 5	0 45	20 49	0 27	13 21	17 12	18 52	18 39	17 6	7 49	0 40
T 19	21 32	13 38	2 8	15 58	2 33	23 51	0 41	15 23	2 25	8 52	1 24	2 37	2 32	13 5	0 45	20 49	0 27	13 20	17 12	18 52	18 39	17 4	7 48	0 40
F 20	21 42	16 46	1 1	15 47	2 38	23 59	0 43	15 18	2 26	8 50	1 24	2 37	2 32	13 5	0 45	20 49	0 27	13 20	17 12	18 52	18 38	17 3	7 47	0 40
S 21	21 51	19 5	0n 8	15 41	2 42	24 5	0 45	15 13	2 28	8 49	1 23	2 37	2 31	13 4	0 45	20 50	0 27	13 20	17 11	18 52	18 37	17 1	7 47	0 40
S 22	22 1	20 27	1 15	15 40	2 43	24 11	0 48	15 9	2 30	8 48	1 23	2 37	2 31	13 4	0 45	20 50	0 27	13 20	17 11	18 52	18 36	16 59	7 46	0 40
M23	22 9	20 49	2 18	15 43	2 44	24 15	0 50	15 4	2 32	8 47	1 23	2 36	2 31	13 3	0 45	20 50	0 27	13 20	17 11	18 52	18 35	16 58	7 45	0 40
T 24	22 18	20 14	3 14	15 49	2 42	24 20	0 52	15 0	2 34	8 46	1 22	2 36	2 31	13 3	0 45	20 50	0 27	13 20	17 10	18 51	18 35	16 56	7 44	0 40
W25	22 25	18 45	4 1	15 58	2 40	24 23	0 54	14 56	2 36	8 45	1 22	2 36	2 30	13 2	0 45	20 50	0 27	13 20	17 10	18 50	18 34	16 55	7 44	0 40
T 26	22 33	16 28	4 38	16 11	2 37	24 26	0 56	14 52	2 38	8 44	1 22	2 35	2 30	13 2	0 45	20 51	0 27	13 19	17 10	18 49	18 33	16 53	7 43	0 39
F 27	22 40	13 30	5 2	16 25	2 32	24 27	0 58	14 48	2 40	8 43	1 22	2 35	2 30	13 1	0 45	20 51	0 27	13 19	17 9	18 49	18 32	16 52	7 43	0 39
S 28	22 46	10 0	5 14	16 42	2 27	24 29	1 0	14 44	2 42	8 43	1 21	2 34	2 30	13 0	0 45	20 51	0 27	13 19	17 9	18 48	18 31	16 50	7 42	0 39
S 29	22 52	6 5	5 12	17 0	2 22	24 29	1 2	14 41	2 44	8 42	1 21	2 34	2 29	13 0	0 45	20 51	0 27	13 19	17 9	18 47	18 31	16 49	7 42	0 39
M30	22s58	1s52	4n56	17s19	2n16	24s29	1s 4	14n38	2n46	8n42	1s21	2s33	2s29	12s59	0s45	20n51	0s27	13s19	17s 8	18s47	18s30	16s47	7n41	0n39

Julian Day Number = 2299918.5, Delta T = 111.67 sec
Ecliptic obliquity = 23°29'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'48, Lahiri = 18°03'48 Julian Calendar 1 Nov. 1584 == Greg. Calendar 11 Nov. 1584

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ASTRODIENST EPHEMERIS for the year 1584
geocentric

DECEMBER 1584 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 19 7	19♐14'06	26♓ 4	27♏58	5♑57	28♌40	25°R38	29♓19	27♒45	24°R18	6°R 2	23♏53	22♏41	24♑42	18°R 0	T 1
W 2	5 23 4	20°15'12	8♈45	29° 4	7°12	28°54	25♈36	29°20	27°47	24♋16	6♈ 1	23°54	22°38	24°49	17♈59	W 2
T 3	5 27 0	21°16'17	21°49	0♐12	8°27	29° 7	25°35	29°21	27°49	24°15	6° 1	23°56	22°35	24°55	17°58	T 3
F 4	5 30 57	22°17'23	5♉20	1°24	9°43	29°19	25°33	29°22	27°51	24°14	6° 1	23°57	22°32	25° 2	17°57	F 4
S 5	5 34 54	23°18'30	19°19	2°37	10°58	29°31	25°32	29°24	27°53	24°12	6° 1	23°R58	22°29	25° 9	17°56	S 5
S 6	5 38 50	24°19'36	3♊44	3°53	12°13	29°42	25°31	29°25	27°55	24°11	6° 1	23°58	22°25	25°16	17°56	S 6
M 7	5 42 47	25°20'43	18°31	5°10	13°28	29°53	25°30	29°27	27°57	24° 9	6° 1	23°56	22°22	25°22	17°55	M 7
T 8	5 46 43	26°21'51	3♋34	6°29	14°43	0♍ 3	25°29	29°28	27°59	24° 8	6° 1	23°53	22°19	25°29	17°54	T 8
W 9	5 50 40	27°22'58	18°44	7°50	15°58	0°13	25°29	29°30	28° 1	24° 6	6° 1	23°48	22°16	25°36	17°54	W 9
T 10	5 54 36	28°24'07	3♌50	9°11	17°13	0°22	25°29	29°32	28° 3	24° 5	6°D 1	23°43	22°13	25°42	17°53	T 10
F 11	5 58 33	29°25'15	18°43	10°34	18°28	0°30	25°D29	29°34	28° 5	24° 4	6° 1	23°38	22°10	25°49	17°53	F 11
S 12	6 2 29	0♑26'24	3♍16	11°58	19°43	0°37	25°29	29°36	28° 7	24° 2	6° 1	23°34	22° 6	25°56	17°52	S 12
S 13	6 6 26	1°27'34	17°25	13°22	20°58	0°44	25°29	29°38	28° 9	24° 0	6° 1	23°31	22° 3	26° 3	17°52	S 13
M14	6 10 23	2°28'43	1♎ 9	14°48	22°13	0°51	25°30	29°41	28°11	23°59	6° 1	23°D30	22° 0	26° 9	17°52	M14
T 15	6 14 19	3°29'54	14°28	16°14	23°28	0°56	25°31	29°43	28°14	23°57	6° 1	23°31	21°57	26°16	17°51	T 15
W16	6 18 16	4°31'05	27°26	17°41	24°43	1° 1	25°32	29°46	28°16	23°56	6° 1	23°32	21°54	26°23	17°51	W16
T 17	6 22 12	5°32'16	10♏ 7	19° 8	25°58	1° 6	25°33	29°48	28°18	23°54	6° 1	23°34	21°51	26°29	17°51	T 17
F 18	6 26 9	6°33'27	22°32	20°36	27°13	1° 9	25°35	29°51	28°21	23°53	6° 1	23°R34	21°47	26°36	17°51	F 18
S 19	6 30 5	7°34'39	4♐46	22° 5	28°28	1°12	25°36	29°54	28°23	23°51	6° 2	23°34	21°44	26°43	17°D51	S 19
S 20	6 34 2	8°35'50	16°52	23°34	29°43	1°14	25°38	29°57	28°26	23°49	6° 2	23°31	21°41	26°50	17°51	S 20
M21	6 37 58	9°37'02	28°51	25° 4	0♒58	1°15	25°40	29°59	28°28	23°48	6° 2	23°26	21°38	26°56	17°51	M21
T 22	6 41 55	10°38'14	10♑46	26°34	2°13	1°R16	25°42	0♈ 3	28°31	23°46	6° 2	23°18	21°35	27° 3	17°51	T 22
W23	6 45 52	11°39'25	22°39	28° 4	3°28	1°16	25°45	0° 6	28°33	23°45	6° 3	23° 9	21°31	27°10	17°52	W23
T 24	6 49 48	12°40'36	4♒30	29°36	4°43	1°15	25°47	0° 9	28°36	23°43	6° 3	22°59	21°28	27°16	17°52	T 24
F 25	6 53 45	13°41'47	16°22	1♑ 7	5°58	1°13	25°50	0°13	28°39	23°41	6° 3	22°48	21°25	27°23	17°52	F 25
S 26	6 57 41	14°42'57	28°15	2°39	7°13	1°10	25°53	0°16	28°41	23°40	6° 3	22°39	21°22	27°30	17°53	S 26
S 27	7 1 38	15°44'07	10♓14	4°11	8°27	1° 7	25°57	0°20	28°44	23°38	6° 4	22°31	21°19	27°36	17°53	S 27
M28	7 5 34	16°45'16	22°21	5°44	9°42	1° 3	26° 0	0°23	28°47	23°36	6° 4	22°25	21°16	27°43	17°54	M28
T 29	7 9 31	17°46'24	4♈40	7°18	10°57	0°58	26° 4	0°27	28°50	23°34	6° 5	22°22	21°12	27°50	17°54	T 29
W30	7 13 27	18°47'32	17°15	8°52	12°12	0°52	26° 8	0°31	28°52	23°33	6° 5	22°D21	21° 9	27°57	17°55	W30
T 31	7 17 24	19♑48'39	0♉11	10♑26	13♒27	0♍46	26♈12	0♈35	28♒55	23♋31	6♈ 6	22♏22	21♏ 6	28♑ 3	17♈56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	2n30	4n26	17s39	2n 9	24s27	1s 6	14n35	2n48	8n41	1s20	2s33	2s29	12s59	0s45	20n52	0s27	13s18	17s 8	18s47	18s29	16s45	7n40	0n39
W 2	23 8	6 54	3 43	18 0	2 2	24 25	1 8	14 32	2 50	8 41	1 20	2 32	2 29	12 58	0 45	20 52	0 27	13 18	17 7	18 47	18 28	16 44	7 40	0 39
T 3	23 12	11 6	2 47	18 22	1 55	24 23	1 10	14 29	2 52	8 40	1 20	2 32	2 28	12 57	0 45	20 52	0 27	13 18	17 7	18 48	18 27	16 42	7 40	0 39
F 4	23 16	14 54	1 41	18 44	1 47	24 19	1 11	14 27	2 54	8 40	1 19	2 31	2 28	12 57	0 44	20 52	0 27	13 18	17 7	18 48	18 27	16 41	7 39	0 39
S 5	23 19	18 0	0 26	19 6	1 40	24 15	1 13	14 24	2 56	8 40	1 19	2 30	2 28	12 56	0 44	20 53	0 27	13 17	17 6	18 48	18 26	16 39	7 39	0 38
S 6	23 22	20 4	0s53	19 28	1 32	24 10	1 15	14 22	2 58	8 40	1 19	2 29	2 28	12 55	0 44	20 53	0 27	13 17	17 6	18 48	18 25	16 38	7 38	0 38
M 7	23 25	20 50	2 10	19 50	1 24	24 5	1 16	14 21	3 0	8 40	1 18	2 28	2 27	12 55	0 44	20 53	0 27	13 17	17 6	18 48	18 24	16 36	7 38	0 38
T 8	23 26	20 7	3 20	20 11	1 16	23 58	1 18	14 19	3 2	8 40	1 18	2 27	2 27	12 54	0 44	20 53	0 27	13 16	17 5	18 47	18 23	16 34	7 38	0 38
W 9	23 28	17 58	4 15	20 32	1 8	23 51	1 20	14 17	3 4	8 40	1 18	2 27	2 27	12 53	0 44	20 54	0 27	13 16	17 5	18 46	18 23	16 33	7 37	0 38
T 10	23 29	14 35	4 53	20 53	1 0	23 43	1 21	14 16	3 6	8 40	1 17	2 26	2 27	12 52	0 44	20 54	0 27	13 16	17 5	18 45	18 22	16 31	7 37	0 38
F 11	23 29	10 20	5 10	21 13	0 52	23 35	1 22	14 15	3 8	8 41	1 17	2 25	2 26	12 52	0 44	20 54	0 27	13 15	17 4	18 43	18 21	16 30	7 37	0 38
S 12	23 29	5 33	5 7	21 32	0 44	23 25	1 24	14 15	3 11	8 41	1 17	2 24	2 26	12 51	0 44	20 54	0 27	13 15	17 4	18 42	18 20	16 28	7 36	0 38
S 13	23 29	0 37	4 45	21 51	0 37	23 15	1 25	14 14	3 13	8 41	1 17	2 22	2 26	12 50	0 44	20 55	0 27	13 15	17 3	18 42	18 19	16 26	7 36	0 37
M14	23 28	4s14	4 7	22 9	0 29	23 4	1 26	14 14	3 15	8 42	1 16	2 21	2 26	12 49	0 44	20 55	0 27	13 14	17 3	18 41	18 18	16 25	7 36	0 37
T 15	23 27	8 44	3 16	22 26	0 21	22 53	1 28	14 14	3 17	8 42	1 16	2 20	2 25	12 48	0 44	20 55	0 27	13 14	17 3	18 42	18 18	16 23	7 36	0 37
W16	23 25	12 43	2 17	22 42	0 13	22 41	1 29	14 14	3 19	8 43	1 16	2 19	2 25	12 47	0 44	20 56	0 27	13 14	17 2	18 42	18 17	16 22	7 35	0 37
T 17	23 23	16 2	1 12	22 57	0 6	22 28	1 30	14 15	3 22	8 44	1 15	2 18	2 25	12 47	0 44	20 56	0 27	13 13	17 2	18 42	18 16	16 20	7 35	0 37
F 18	23 20	18 32	0 6	23 11	0s 2	22 15	1 31	14 16	3 24	8 45	1 15	2 16	2 25	12 46	0 44	20 56	0 27	13 13	17 2	18 42	18 15	16 18	7 35	0 37
S 19	23 16	20 9	1n 0	23 24	0 9	22 0	1 32	14 17	3 26	8 46	1 15	2 15	2 24	12 45	0 44	20 56	0 27	13 12	17 1	18 42	18 14	16 17	7 35	0 37
S 20	23 13	20 48	2 3	23 36	0 16	21 46	1 33	14 18	3 28	8 47	1 14	2 14	2 24	12 44	0 44	20 57	0 27	13 12	17 1	18 42	18 14	16 15	7 35	0 37
M21	23 9	20 30	2 59	23 47	0 23	21 30	1 33	14 20	3 31	8 48	1 14	2 12	2 24	12 43	0 44	20 57	0 27	13 12	17 1	18 40	18 13	16 13	7 35	0 37
T 22	23 4	19 17	3 47	23 57	0 30	21 14	1 34	14 22	3 33	8 49	1 14	2 11	2 24	12 42	0 44	20 57	0 27	13 11	17 0	18 38	18 12	16 12	7 35	0 36
W23	22 59	17 14	4 24	24 5	0 37	20 57	1 35	14 24	3 35	8 50	1 13	2 9	2 24	12 41	0 44	20 58	0 27	13 11	17 0	18 36	18 11	16 10	7 35	0 36
T 24	22 53	14 28	4 50	24 13	0 43	20 40	1 35	14 26	3 37	8 51	1 13	2 8	2 23	12 40	0 44	20 58	0 27	13 10	16 59	18 33	18 10	16 9	7 35	0 36
F 25	22 47	11 8	5 4	24 19	0 50	20 22	1 36	14 29	3 40	8 53	1 13	2 6	2 23	12 39	0 44	20 58	0 27	13 10	16 59	18 31	18 9	16 7	7 35	0 36
S 26	22 41	7 20	5 4	24 24	0 56	20 4	1 36	14 32	3 42	8 54	1 12	2 5	2 23	12 38	0 44	20 58	0 27	13 9	16 59	18 28	18 9	16 5	7 35	0 36
S 27	22 34	3 15	4 52	24 27	1 2	19 45	1 37	14 35	3 44	8 55	1 12	2 3	2 23	12 37	0 44	20 59	0 27	13 9	16 58	18 26	18 8	16 4	7 35	0 36
M28	22 26	1n 2	4 26	24 29	1 7	19 25	1 37	14 39	3 46	8 57	1 12	2 1	2 22	12 36	0 44	20 59	0 27	13 8	16 58	18 25	18 7	16 2	7 35	0 36
T 29	22 18	5 20	3 47	24 30	1 13	19 5	1 37	14 43	3 48	8 59	1 12	2 0	2 22	12 35	0 44	20 59	0 27	13 8	16 58	18 24	18 6	16 0	7 35	0 36
W30	22 10	9 30	2 57	24 30	1 18	18 44	1 38	14 47	3 51	9 0	1 11	1 58	2 22	12 34	0 44	21 0	0 27	13 7	16 57	18 24	18 5	15 59	7 35	0 36
T 31	22s 2	13n22	1n56	24s28	1s23	18s23	1s38	14n51	3n53	9n 2	1s11	1s56	2s22	12s33	0s44	21n 0	0s27	13s 7	16s57	18s24	18s 4	15s57	7n36	0n35

Julian Day Number = 2299948.5, Delta T = 111.53 sec
Ecliptic obliquity = 23°29'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'52, Lahiri = 18°03'53 Julian Calendar 1 Dec. 1584 == Greg. Calendar 11 Dec. 1584

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

JANUARY 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 21 21	20♉49'45	13♉31	12♉ 1	14♒41	0°R38	26♈16	0♈39	28♒58	23°R29	6♈ 6	22♏22	21♏ 3	28♉10	17♈56	F 1
S 2	7 25 17	21°50'50	27°19	13°36	15°56	0♍30	26°20	0°43	29° 1	23♋28	6° 7	22°R23	21° 0	28°17	17°57	S 2
S 3	7 29 14	22°51'55	11♊37	15°12	17°11	0°21	26°25	0°47	29° 4	23°26	6° 7	22°21	20°57	28°23	17°58	S 3
M 4	7 33 10	23°52'59	26°21	16°48	18°25	0°11	26°30	0°52	29° 7	23°24	6° 8	22°17	20°53	28°30	17°59	M 4
T 5	7 37 7	24°54'02	11♋28	18°25	19°40	0° 1	26°35	0°56	29°10	23°23	6° 8	22°10	20°50	28°37	18° 0	T 5
W 6	7 41 3	25°55'04	26°47	20° 3	20°55	29♌50	26°40	1° 0	29°13	23°21	6° 9	22° 2	20°47	28°44	18° 1	W 6
T 7	7 45 0	26°56'05	12♌ 9	21°41	22° 9	29°37	26°45	1° 5	29°16	23°19	6° 9	21°52	20°44	28°50	18° 2	T 7
F 8	7 48 57	27°57'06	27°20	23°20	23°24	29°25	26°51	1°10	29°19	23°18	6°10	21°41	20°41	28°57	18° 3	F 8
S 9	7 52 53	28°58'06	12♍12	24°59	24°38	29°11	26°56	1°14	29°22	23°16	6°11	21°33	20°37	29° 4	18° 5	S 9
S 10	7 56 50	29°59'05	26°37	26°39	25°53	28°57	27° 2	1°19	29°25	23°14	6°11	21°26	20°34	29°10	18° 6	S 10
M11	8 0 46	1♒ 0'04	10♎32	28°20	27° 7	28°41	27° 8	1°24	29°28	23°13	6°12	21°22	20°31	29°17	18° 7	M11
T 12	8 4 43	2° 1'02	23°57	0♒ 1	28°21	28°26	27°14	1°29	29°31	23°11	6°13	21°20	20°28	29°24	18° 9	T 12
W13	8 8 39	3° 1'59	6♏56	1°43	29°36	28° 9	27°21	1°34	29°35	23° 9	6°14	21°D20	20°25	29°31	18°10	W13
T 14	8 12 36	4° 2'56	19°33	3°26	0♓50	27°52	27°27	1°39	29°38	23° 7	6°14	21°R20	20°22	29°37	18°12	T 14
F 15	8 16 32	5° 3'52	1♐51	5° 9	2° 4	27°34	27°34	1°44	29°41	23° 6	6°15	21°20	20°18	29°44	18°13	F 15
S 16	8 20 29	6° 4'47	13°57	6°53	3°19	27°15	27°41	1°50	29°44	23° 4	6°16	21°17	20°15	29°51	18°15	S 16
S 17	8 24 26	7° 5'42	25°55	8°38	4°33	26°56	27°48	1°55	29°48	23° 3	6°17	21°13	20°12	29°57	18°16	S 17
M18	8 28 22	8° 6'35	7♑48	10°23	5°47	26°36	27°55	2° 0	29°51	23° 1	6°18	21° 5	20° 9	0♒ 4	18°18	M18
T 19	8 32 19	9° 7'28	19°38	12° 9	7° 1	26°16	28° 2	2° 6	29°54	22°59	6°18	20°54	20° 6	0°11	18°20	T 19
W20	8 36 15	10° 8'19	1♒29	13°56	8°16	25°55	28°10	2°11	29°57	22°58	6°19	20°40	20° 3	0°18	18°22	W20
T 21	8 40 12	11° 9'09	13°22	15°43	9°30	25°34	28°18	2°17	0♓ 1	22°56	6°20	20°26	19°59	0°24	18°24	T 21
F 22	8 44 8	12° 9'58	25°18	17°31	10°44	25°12	28°25	2°23	0° 4	22°55	6°21	20°11	19°56	0°31	18°26	F 22
S 23	8 48 5	13°10'45	7♓17	19°19	11°58	24°50	28°33	2°28	0° 7	22°53	6°22	19°57	19°53	0°38	18°28	S 23
S 24	8 52 1	14°11'32	19°23	21° 7	13°12	24°27	28°41	2°34	0°11	22°51	6°23	19°45	19°50	0°44	18°30	S 24
M25	8 55 58	15°12'16	1♈36	22°56	14°26	24° 4	28°50	2°40	0°14	22°50	6°24	19°36	19°47	0°51	18°32	M25
T 26	8 59 55	16°12'59	13°59	24°45	15°40	23°41	28°58	2°46	0°17	22°48	6°25	19°30	19°43	0°58	18°34	T 26
W27	9 3 51	17°13'41	26°35	26°35	16°53	23°18	29° 6	2°52	0°21	22°47	6°26	19°26	19°40	1° 5	18°36	W27
T 28	9 7 48	18°14'20	9♉27	28°24	18° 7	22°54	29°15	2°58	0°24	22°45	6°27	19°25	19°37	1°11	18°38	T 28
F 29	9 11 44	19°14'58	22°40	0♓12	19°21	22°30	29°24	3° 4	0°28	22°44	6°28	19°25	19°34	1°18	18°40	F 29
S 30	9 15 41	20°15'35	6♊17	2° 0	20°35	22° 7	29°33	3°10	0°31	22°42	6°29	19°25	19°31	1°25	18°43	S 30
S 31	9 19 37	21♒16'09	20♊20	3♓47	21♓48	21♌43	29♈42	3♈16	0♓34	22♋41	6♈30	19♏23	19♏28	1♒31	18♈45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s52	16n41	0n47	24s25	1s28	18s 1	1s38	14n56	3n55	9n 4	1s11	1s54	2s22	12s32	0s44	21n 0	0s27	13s 6	16s57	18s24	18s 4	15s55	7n36	0n35
S 2	21 43	19 11	0s26	24 20	1 33	17 39	1 38	15 1	3 57	9 6	1 10	1 52	2 21	12 31	0 44	21 0	0 27	13 6	16 56	18 24	18 3	15 54	7 36	0 35
S 3	21 33	20 34	1 41	24 14	1 37	17 16	1 38	15 6	3 59	9 8	1 10	1 51	2 21	12 30	0 44	21 1	0 27	13 5	16 56	18 24	18 2	15 52	7 36	0 35
M 4	21 23	20 36	2 51	24 6	1 41	16 53	1 37	15 11	4 1	9 10	1 10	1 49	2 21	12 29	0 44	21 1	0 27	13 5	16 56	18 23	18 1	15 51	7 36	0 35
T 5	21 12	19 10	3 50	23 57	1 45	16 29	1 37	15 17	4 3	9 12	1 9	1 47	2 21	12 28	0 44	21 1	0 27	13 4	16 55	18 21	18 0	15 49	7 37	0 35
W 6	21 1	16 21	4 34	23 47	1 48	16 5	1 37	15 23	4 5	9 14	1 9	1 45	2 21	12 27	0 44	21 2	0 27	13 4	16 55	18 19	17 59	15 47	7 37	0 35
T 7	20 49	12 24	4 59	23 35	1 52	15 41	1 36	15 29	4 7	9 16	1 9	1 43	2 20	12 26	0 44	21 2	0 27	13 3	16 55	18 16	17 58	15 46	7 37	0 35
F 8	20 37	7 42	5 1	23 21	1 54	15 16	1 36	15 35	4 9	9 18	1 9	1 41	2 20	12 25	0 44	21 2	0 27	13 3	16 54	18 14	17 58	15 44	7 38	0 34
S 9	20 25	2 38	4 44	23 6	1 57	14 50	1 35	15 42	4 11	9 21	1 8	1 39	2 20	12 24	0 44	21 3	0 27	13 2	16 54	18 11	17 57	15 42	7 38	0 34
S 10	20 12	2s27	4 8	22 49	1 59	14 24	1 35	15 49	4 13	9 23	1 8	1 37	2 20	12 23	0 44	21 3	0 27	13 1	16 53	18 10	17 56	15 41	7 38	0 34
M11	19 59	7 13	3 19	22 31	2 1	13 58	1 34	15 56	4 14	9 25	1 8	1 35	2 20	12 22	0 44	21 3	0 27	13 1	16 53	18 9	17 55	15 39	7 39	0 34
T 12	19 45	11 29	2 20	22 11	2 2	13 32	1 33	16 3	4 16	9 28	1 7	1 32	2 19	12 21	0 44	21 3	0 27	13 0	16 53	18 8	17 54	15 37	7 39	0 34
W13	19 31	15 3	1 16	21 50	2 3	13 5	1 33	16 10	4 18	9 30	1 7	1 30	2 19	12 19	0 44	21 4	0 27	13 0	16 53	18 8	17 53	15 36	7 40	0 34
T 14	19 17	17 49	0 10	21 27	2 4	12 38	1 32	16 18	4 19	9 33	1 7	1 28	2 19	12 18	0 44	21 4	0 27	12 59	16 52	18 8	17 53	15 34	7 40	0 34
F 15	19 3	19 40	0n56	21 2	2 4	12 10	1 31	16 25	4 21	9 36	1 7	1 26	2 19	12 17	0 43	21 4	0 27	12 58	16 52	18 8	17 52	15 32	7 41	0 34
S 16	18 48	20 35	1 57	20 36	2 4	11 42	1 30	16 33	4 22	9 38	1 6	1 24	2 19	12 16	0 43	21 5	0 27	12 58	16 52	18 7	17 51	15 31	7 41	0 34
S 17	18 32	20 34	2 52	20 8	2 4	11 14	1 28	16 41	4 24	9 41	1 6	1 21	2 19	12 15	0 43	21 5	0 27	12 57	16 51	18 6	17 50	15 29	7 42	0 33
M18	18 17	19 37	3 39	19 38	2 3	10 46	1 27	16 49	4 25	9 44	1 6	1 19	2 18	12 14	0 43	21 5	0 27	12 57	16 51	18 4	17 49	15 27	7 42	0 33
T 19	18 1	17 49	4 17	19 7	2 1	10 17	1 26	16 57	4 26	9 47	1 5	1 17	2 18	12 13	0 43	21 5	0 27	12 56	16 51	18 1	17 48	15 26	7 43	0 33
W20	17 45	15 16	4 43	18 35	1 59	9 48	1 24	17 5	4 27	9 50	1 5	1 14	2 18	12 11	0 43	21 6	0 27	12 55	16 50	17 58	17 47	15 24	7 44	0 33
T 21	17 28	12 6	4 57	18 1	1 56	9 19	1 23	17 14	4 28	9 53	1 5	1 12	2 18	12 10	0 43	21 6	0 27	12 55	16 50	17 54	17 47	15 22	7 44	0 33
F 22	17 11	8 26	4 58	17 25	1 53	8 49	1 22	17 22	4 29	9 56	1 5	1 9	2 18	12 9	0 43	21 6	0 27	12 54	16 50	17 50	17 46	15 20	7 45	0 33
S 23	16 54	4 25	4 46	16 48	1 49	8 19	1 20	17 30	4 30	9 59	1 4	1 7	2 18	12 8	0 43	21 7	0 27	12 54	16 49	17 46	17 45	15 19	7 45	0 33
S 24	16 36	0 13	4 21	16 9	1 45	7 49	1 18	17 39	4 30	10 2	1 4	1 5	2 17	12 7	0 43	21 7	0 26	12 53	16 49	17 43	17 44	15 17	7 46	0 33
M25	16 19	4n 3	3 44	15 29	1 40	7 19	1 17	17 47	4 31	10 5	1 4	1 2	2 17	12 5	0 43	21 7	0 26	12 52	16 49	17 40	17 43	15 15	7 47	0 33
T 26	16 1	8 13	2 55	14 47	1 35	6 49	1 15	17 55	4 31	10 8	1 4	1 0	2 17	12 4	0 43	21 7	0 26	12 52	16 49	17 39	17 42	15 14	7 48	0 33
W27	15 42	12 6	1 58	14 4	1 28	6 18	1 13	18 3	4 32	10 12	1 3	0 57	2 17	12 3	0 43	21 8	0 26	12 51	16 48	17 38	17 41	15 12	7 48	0 32
T 28	15 24	15 30	0 52	13 20	1 22	5 48	1 11	18 11	4 32	10 15	1 3	0 55	2 17	12 2	0 43	21 8	0 26	12 50	16 48	17 37	17 41	15 10	7 49	0 32
F 29	15 5	18 12	0s17	12 35	1 14	5 17	1 9	18 19	4 32	10 18	1 3	0 52	2 17	12 1	0 43	21 8	0 26	12 50	16 48	17 37	17 40	15 9	7 50	0 32
S 30	14 46	19 58	1 28	11 49	1 6	4 46	1 7	18 27	4 32	10 22	1 3	0 49	2 16	11 59	0 43	21 8	0 26	12 49	16 48	17 37	17 39	15 7	7 51	0 32
S 31	14s27	20n33	2s35	11s 1	0s57	4s15	1s 5	18n35	4n32	10n25	1s 2	0s47	2s16	11s58	0s43	21n 9	0s26	12s48	16s47	17s37	17s38	15s 5	7n51	0n32

Julian Day Number = 2299979.5, Delta T = 111.39 sec
Ecliptic obliquity = 23°29'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°56'56, Lahiri = 18°03'57 Julian Calendar 1 Jan. 1585 == Greg. Calendar 11 Jan. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

FEBRUARY 1585 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 23 34	22♒16'42	4♋49	5♓33	23♓ 2	21°R19	29♈51	3♈23	0♓38	22°R39	6♈31	19°R18	19♏24	1♒38	18♈48	M 1
T 2	9 27 30	23°17'13	19°42	7°18	24°15	20♌55	0♉ 0	3°29	0°41	22♋38	6°32	19♏11	19°21	1°45	18°50	T 2
W 3	9 31 27	24°17'42	4♌51	9° 0	25°29	20°31	0°10	3°35	0°45	22°37	6°33	19° 1	19°18	1°52	18°53	W 3
T 4	9 35 24	25°18'10	20° 7	10°40	26°42	20° 7	0°19	3°42	0°48	22°35	6°35	18°50	19°15	1°58	18°55	T 4
F 5	9 39 20	26°18'36	5♍20	12°17	27°55	19°44	0°29	3°48	0°52	22°34	6°36	18°38	19°12	2° 5	18°58	F 5
S 6	9 43 17	27°19'00	20°17	13°51	29° 9	19°21	0°39	3°55	0°55	22°33	6°37	18°28	19° 9	2°12	19° 0	S 6
S 7	9 47 13	28°19'22	4♎51	15°21	0♈22	18°58	0°49	4° 2	0°58	22°31	6°38	18°20	19° 5	2°19	19° 3	S 7
M 8	9 51 10	29°19'43	18°56	16°45	1°35	18°35	0°59	4° 8	1° 2	22°30	6°39	18°14	19° 2	2°25	19° 6	M 8
T 9	9 55 6	0♓20'03	2♏31	18° 5	2°48	18°12	1° 9	4°15	1° 5	22°29	6°40	18°11	18°59	2°32	19° 8	T 9
W10	9 59 3	1°20'21	15°37	19°18	4° 1	17°50	1°19	4°22	1° 9	22°27	6°42	18°D11	18°56	2°39	19°11	W10
T 11	10 2 59	2°20'38	28°18	20°25	5°14	17°29	1°30	4°28	1°12	22°26	6°43	18°R11	18°53	2°45	19°14	T 11
F 12	10 6 56	3°20'54	10♐39	21°25	6°27	17° 7	1°40	4°35	1°16	22°25	6°44	18°11	18°49	2°52	19°17	F 12
S 13	10 10 52	4°21'08	22°45	22°17	7°40	16°47	1°51	4°42	1°19	22°24	6°45	18° 9	18°46	2°59	19°20	S 13
S 14	10 14 49	5°21'20	4♑41	23° 1	8°53	16°26	2° 1	4°49	1°23	22°23	6°47	18° 5	18°43	3° 6	19°23	S 14
M15	10 18 46	6°21'31	16°32	23°36	10° 6	16° 7	2°12	4°56	1°26	22°21	6°48	17°59	18°40	3°12	19°26	M15
T 16	10 22 42	7°21'40	28°22	24° 2	11°18	15°48	2°23	5° 3	1°29	22°20	6°49	17°49	18°37	3°19	19°29	T 16
W17	10 26 39	8°21'47	10♒13	24°19	12°31	15°29	2°34	5°10	1°33	22°19	6°50	17°38	18°34	3°26	19°32	W17
T 18	10 30 35	9°21'53	22° 9	24°R27	13°43	15°11	2°45	5°17	1°36	22°18	6°52	17°25	18°30	3°32	19°35	T 18
F 19	10 34 32	10°21'56	4♓11	24°26	14°56	14°54	2°57	5°24	1°40	22°17	6°53	17°12	18°27	3°39	19°38	F 19
S 20	10 38 28	11°21'58	16°21	24°15	16° 8	14°37	3° 8	5°31	1°43	22°16	6°54	16°59	18°24	3°46	19°41	S 20
S 21	10 42 25	12°21'58	28°38	23°56	17°20	14°22	3°19	5°38	1°47	22°15	6°56	16°49	18°21	3°53	19°44	S 21
M22	10 46 21	13°21'56	11♈ 4	23°29	18°33	14° 6	3°31	5°45	1°50	22°14	6°57	16°41	18°18	3°59	19°47	M22
T 23	10 50 18	14°21'52	23°40	22°55	19°45	13°52	3°42	5°52	1°53	22°13	6°58	16°36	18°14	4° 6	19°51	T 23
W24	10 54 15	15°21'46	6♉27	22°13	20°57	13°38	3°54	6° 0	1°57	22°12	7° 0	16°33	18°11	4°13	19°54	W24
T 25	10 58 11	16°21'37	19°28	21°27	22° 9	13°26	4° 6	6° 7	2° 0	22°12	7° 1	16°D33	18° 8	4°19	19°57	T 25
F 26	11 2 8	17°21'27	2♊45	20°36	23°21	13°13	4°18	6°14	2° 4	22°11	7° 3	16°33	18° 5	4°26	20° 1	F 26
S 27	11 6 4	18°21'14	16°19	19°41	24°32	13° 2	4°29	6°21	2° 7	22°10	7° 4	16°R34	18° 2	4°33	20° 4	S 27
S 28	11 10 1	19♓20'59	0♋13	18♓45	25♈44	12♌52	4♉41	6♈29	2♓10	22♋ 9	7♈ 5	16♏33	17♏59	4♒40	20♈ 7	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s 7	19n49	3s35	10s14	0s47	3s44	1s 3	18n43	4n32	10n28	1s 2	0s44	2s16	11s57	0s43	21n 9	0s26	12s48	16s47	17s35	17s37	15s 3	7n52	0n32
T 2	13 47	17 43	4 22	9 25	0 37	3 13	1 0	18 50	4 32	10 32	1 2	0 42	2 16	11 56	0 43	21 9	0 26	12 47	16 47	17 33	17 36	15 2	7 53	0 32
W 3	13 27	14 23	4 51	8 37	0 26	2 41	0 58	18 58	4 31	10 35	1 2	0 39	2 16	11 55	0 43	21 10	0 26	12 46	16 47	17 31	17 35	15 0	7 54	0 32
T 4	13 7	10 3	5 0	7 48	0 14	2 10	0 56	19 5	4 31	10 39	1 1	0 36	2 16	11 53	0 43	21 10	0 26	12 46	16 46	17 28	17 35	14 58	7 55	0 32
F 5	12 46	5 7	4 48	7 0	0 2	1 38	0 53	19 12	4 30	10 43	1 1	0 34	2 16	11 52	0 43	21 10	0 26	12 45	16 46	17 25	17 34	14 57	7 56	0 31
S 6	12 26	0s 4	4 16	6 12	0n11	1 7	0 51	19 19	4 30	10 46	1 1	0 31	2 16	11 51	0 43	21 10	0 26	12 45	16 46	17 22	17 33	14 55	7 57	0 31
S 7	12 5	5 6	3 28	5 25	0 24	0 35	0 48	19 25	4 29	10 50	1 1	0 28	2 15	11 50	0 43	21 10	0 26	12 44	16 46	17 19	17 32	14 53	7 57	0 31
M 8	11 44	9 43	2 28	4 39	0 38	0 4	0 46	19 32	4 28	10 54	1 1	0 25	2 15	11 48	0 43	21 11	0 26	12 43	16 45	17 18	17 31	14 51	7 58	0 31
T 9	11 23	13 39	1 22	3 55	0 52	0n28	0 43	19 38	4 27	10 57	1 0	0 23	2 15	11 47	0 43	21 11	0 26	12 43	16 45	17 17	17 30	14 50	7 59	0 31
W10	11 1	16 46	0 14	3 13	1 7	0 59	0 40	19 44	4 26	11 1	1 0	0 20	2 15	11 46	0 43	21 11	0 26	12 42	16 45	17 17	17 29	14 48	8 0	0 31
T 11	10 40	18 57	0n53	2 33	1 22	1 31	0 37	19 50	4 25	11 5	1 0	0 17	2 15	11 45	0 43	21 11	0 26	12 41	16 45	17 17	17 28	14 46	8 1	0 31
F 12	10 18	20 11	1 56	1 56	1 36	2 2	0 35	19 55	4 23	11 9	1 0	0 14	2 15	11 43	0 43	21 12	0 26	12 41	16 45	17 17	17 28	14 44	8 2	0 31
S 13	9 56	20 26	2 52	1 22	1 51	2 34	0 32	20 0	4 22	11 13	0 59	0 11	2 15	11 42	0 43	21 12	0 26	12 40	16 44	17 16	17 27	14 43	8 3	0 31
S 14	9 34	19 45	3 40	0 51	2 5	3 5	0 29	20 5	4 21	11 17	0 59	0 9	2 15	11 41	0 43	21 12	0 26	12 39	16 44	17 15	17 26	14 41	8 4	0 31
M15	9 12	18 12	4 18	0 25	2 19	3 37	0 26	20 9	4 19	11 21	0 59	0 6	2 15	11 40	0 43	21 12	0 26	12 39	16 44	17 14	17 25	14 39	8 5	0 31
T 16	8 50	15 53	4 45	0 2	2 33	4 8	0 23	20 14	4 17	11 24	0 59	0 3	2 15	11 39	0 43	21 12	0 26	12 38	16 44	17 11	17 24	14 38	8 6	0 30
W17	8 27	12 55	4 59	0n17	2 46	4 39	0 20	20 18	4 16	11 28	0 59	0 0	2 14	11 37	0 43	21 13	0 26	12 37	16 44	17 8	17 23	14 36	8 7	0 30
T 18	8 5	9 25	5 0	0 30	2 58	5 10	0 17	20 21	4 14	11 32	0 58	0n 3	2 14	11 36	0 43	21 13	0 26	12 37	16 43	17 4	17 22	14 34	8 9	0 30
F 19	7 42	5 31	4 49	0 40	3 8	5 41	0 13	20 25	4 12	11 36	0 58	0 6	2 14	11 35	0 43	21 13	0 26	12 36	16 43	17 0	17 21	14 32	8 10	0 30
S 20	7 19	1 21	4 24	0 44	3 18	6 12	0 10	20 28	4 10	11 40	0 58	0 9	2 14	11 34	0 43	21 13	0 26	12 35	16 43	16 57	17 21	14 31	8 11	0 30
S 21	6 56	2n54	3 46	0 44	3 26	6 43	0 7	20 31	4 8	11 45	0 58	0 11	2 14	11 32	0 43	21 13	0 26	12 35	16 43	16 54	17 20	14 29	8 12	0 30
M22	6 33	7 6	2 57	0 39	3 32	7 14	0 4	20 33	4 6	11 49	0 58	0 14	2 14	11 31	0 43	21 14	0 26	12 34	16 43	16 52	17 19	14 27	8 13	0 30
T 23	6 10	11 3	1 59	0 29	3 36	7 44	0 0	20 36	4 4	11 53	0 57	0 17	2 14	11 30	0 43	21 14	0 26	12 33	16 43	16 50	17 18	14 25	8 14	0 30
W24	5 47	14 33	0 54	0 16	3 39	8 14	0n 3	20 38	4 2	11 57	0 57	0 20	2 14	11 29	0 43	21 14	0 26	12 33	16 43	16 49	17 17	14 24	8 15	0 30
T 25	5 24	17 23	0s16	0s 2	3 40	8 44	0 6	20 39	4 0	12 1	0 57	0 23	2 14	11 28	0 43	21 14	0 26	12 32	16 42	16 49	17 16	14 22	8 16	0 30
F 26	5 0	19 21	1 26	0 24	3 38	9 14	0 10	20 41	3 58	12 5	0 57	0 26	2 14	11 26	0 43	21 14	0 26	12 31	16 42	16 49	17 15	14 20	8 18	0 29
S 27	4 37	20 16	2 32	0 48	3 35	9 44	0 13	20 42	3 56	12 9	0 57	0 29	2 14	11 25	0 43	21 14	0 26	12 31	16 42	16 50	17 14	14 18	8 19	0 29
S 28	4s13	19n58	3s32	1s15	3n29	10n13	0n17	20n43	3n53	12n14	0s56	0n32	2s14	11s24	0s43	21n15	0s26	12s30	16s42	16s49	17s13	14s16	8n20	0n29

Julian Day Number = 2300010.5, Delta T = 111.25 sec
Ecliptic obliquity = 23°29'30, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'01, Lahiri = 18°04'01 Julian Calendar 1 Feb. 1585 == Greg. Calendar 11 Feb. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

MARCH 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 13 57	20♓20'42	14♋27	17°R48	26♈56	12°R42	4♉54	6♈36	2♓14	22°R 8	7♈ 7	16°R31	17♏55	4♒46	20♈11	M 1
T 2	11 17 54	21°20'22	28°59	16♓52	28° 7	12♌33	5° 6	6°44	2°17	22♋ 8	7° 8	16♏26	17°52	4°53	20°14	T 2
W 3	11 21 50	22°20'00	13♌46	15°58	29°19	12°25	5°18	6°51	2°20	22° 7	7°10	16°20	17°49	5° 0	20°18	W 3
T 4	11 25 47	23°19'35	28°40	15° 6	0♉30	12°17	5°30	6°58	2°23	22° 6	7°11	16°12	17°46	5° 6	20°21	T 4
F 5	11 29 44	24°19'09	13♍34	14°18	1°41	12°11	5°43	7° 6	2°27	22° 6	7°12	16° 3	17°43	5°13	20°24	F 5
S 6	11 33 40	25°18'40	28°18	13°34	2°52	12° 5	5°55	7°13	2°30	22° 5	7°14	15°56	17°40	5°20	20°28	S 6
S 7	11 37 37	26°18'09	12♎45	12°55	4° 3	12° 0	6° 8	7°21	2°33	22° 5	7°15	15°50	17°36	5°27	20°32	S 7
M 8	11 41 33	27°17'37	26°49	12°21	5°14	11°56	6°20	7°28	2°36	22° 4	7°17	15°46	17°33	5°33	20°35	M 8
T 9	11 45 30	28°17'02	10♏26	11°54	6°25	11°52	6°33	7°36	2°40	22° 4	7°18	15°D44	17°30	5°40	20°39	T 9
W10	11 49 26	29°16'26	23°37	11°32	7°36	11°49	6°45	7°43	2°43	22° 3	7°19	15°45	17°27	5°47	20°42	W10
T 11	11 53 23	0♈15'48	6♐24	11°16	8°46	11°47	6°58	7°51	2°46	22° 3	7°21	15°46	17°24	5°54	20°46	T 11
F 12	11 57 19	1°15'08	18°50	11° 6	9°57	11°46	7°11	7°58	2°49	22° 2	7°22	15°47	17°20	6° 0	20°50	F 12
S 13	12 1 16	2°14'27	1♑ 0	11°D 1	11° 7	11°D46	7°24	8° 6	2°52	22° 2	7°24	15°R48	17°17	6° 7	20°53	S 13
S 14	12 5 13	3°13'43	12°59	11° 3	12°17	11°46	7°37	8°13	2°55	22° 2	7°25	15°47	17°14	6°14	20°57	S 14
M15	12 9 9	4°12'58	24°51	11°10	13°28	11°47	7°50	8°21	2°58	22° 1	7°27	15°45	17°11	6°20	21° 1	M15
T 16	12 13 6	5°12'11	6♒43	11°22	14°38	11°48	8° 3	8°28	3° 2	22° 1	7°28	15°41	17° 8	6°27	21° 4	T 16
W17	12 17 2	6°11'22	18°36	11°40	15°47	11°51	8°16	8°36	3° 5	22° 1	7°30	15°35	17° 5	6°34	21° 8	W17
T 18	12 20 59	7°10'31	0♓36	12° 2	16°57	11°54	8°29	8°43	3° 8	22° 1	7°31	15°29	17° 1	6°41	21°12	T 18
F 19	12 24 55	8° 9'38	12°45	12°29	18° 7	11°58	8°43	8°51	3°11	22° 1	7°33	15°21	16°58	6°47	21°15	F 19
S 20	12 28 52	9° 8'43	25° 4	13° 0	19°16	12° 2	8°56	8°58	3°14	22° 0	7°34	15°15	16°55	6°54	21°19	S 20
S 21	12 32 48	10° 7'47	7♈35	13°36	20°26	12° 7	9° 9	9° 6	3°16	22° 0	7°35	15° 9	16°52	7° 1	21°23	S 21
M22	12 36 45	11° 6'48	20°19	14°16	21°35	12°13	9°23	9°14	3°19	22° 0	7°37	15° 5	16°49	7° 7	21°27	M22
T 23	12 40 41	12° 5'47	3♉14	14°59	22°44	12°20	9°36	9°21	3°22	22°D 0	7°38	15° 3	16°45	7°14	21°30	T 23
W24	12 44 38	13° 4'44	16°22	15°46	23°53	12°27	9°49	9°29	3°25	22° 0	7°40	15°D 2	16°42	7°21	21°34	W24
T 25	12 48 35	14° 3'39	29°42	16°36	25° 2	12°34	10° 3	9°36	3°28	22° 0	7°41	15° 3	16°39	7°28	21°38	T 25
F 26	12 52 31	15° 2'32	13♊14	17°29	26°11	12°43	10°17	9°44	3°31	22° 0	7°43	15° 5	16°36	7°34	21°42	F 26
S 27	12 56 28	16° 1'22	26°59	18°26	27°20	12°52	10°30	9°51	3°33	22° 0	7°44	15° 6	16°33	7°41	21°46	S 27
S 28	13 0 24	17° 0'11	10♋56	19°25	28°28	13° 1	10°44	9°59	3°36	22° 1	7°46	15°R 7	16°30	7°48	21°49	S 28
M29	13 4 21	17°58'56	25° 4	20°27	29°36	13°11	10°57	10° 6	3°39	22° 1	7°47	15° 7	16°26	7°54	21°53	M29
T 30	13 8 17	18°57'40	9♌22	21°32	0♊44	13°22	11°11	10°14	3°42	22° 1	7°48	15° 6	16°23	8° 1	21°57	T 30
W31	13 12 14	19♈56'21	23♌46	22♓39	1♊52	13♌33	11♉25	10♈21	3♓44	22♋ 1	7♈50	15♏ 3	16♏20	8♒ 8	22♈ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s50	18n24	4s19	1s43	3n22	10n43	0n20	20n44	3n51	12n18	0s56	0n35	2s14	11s23	0s43	21n15	0s26	12s29	16s42	16s49	17s13	14s15	8n21	0n29
T 2	3 26	15 39	4 52	2 14	3 13	11 12	0 24	20 44	3 49	12 22	0 56	0 38	2 14	11 22	0 43	21 15	0 26	12 29	16 42	16 47	17 12	14 13	8 22	0 29
W 3	3 3	11 51	5 5	2 44	3 3	11 40	0 27	20 44	3 47	12 26	0 56	0 41	2 14	11 20	0 43	21 15	0 26	12 28	16 42	16 45	17 11	14 11	8 24	0 29
T 4	2 39	7 18	4 59	3 15	2 51	12 9	0 31	20 44	3 44	12 31	0 56	0 44	2 14	11 19	0 43	21 15	0 26	12 28	16 42	16 43	17 10	14 9	8 25	0 29
F 5	2 16	2 18	4 32	3 45	2 39	12 37	0 34	20 44	3 42	12 35	0 56	0 47	2 14	11 18	0 44	21 15	0 26	12 27	16 42	16 41	17 9	14 8	8 26	0 29
S 6	1 52	2s47	3 47	4 15	2 25	13 5	0 38	20 43	3 40	12 39	0 55	0 50	2 13	11 17	0 44	21 15	0 26	12 26	16 42	16 39	17 8	14 6	8 27	0 29
S 7	1 28	7 37	2 48	4 43	2 10	13 33	0 41	20 42	3 37	12 43	0 55	0 53	2 13	11 16	0 44	21 15	0 26	12 26	16 42	16 37	17 7	14 4	8 29	0 29
M 8	1 5	11 55	1 40	5 10	1 55	14 0	0 45	20 41	3 35	12 48	0 55	0 56	2 13	11 15	0 44	21 16	0 26	12 25	16 41	16 36	17 6	14 2	8 30	0 29
T 9	0 41	15 26	0 29	5 34	1 40	14 27	0 48	20 40	3 33	12 52	0 55	0 59	2 13	11 14	0 44	21 16	0 26	12 24	16 41	16 35	17 5	14 1	8 31	0 28
W10	0 17	18 2	0n42	5 57	1 25	14 54	0 52	20 39	3 30	12 56	0 55	1 2	2 13	11 12	0 44	21 16	0 26	12 24	16 41	16 35	17 5	13 59	8 32	0 28
T 11	0n 6	19 38	1 49	6 17	1 10	15 20	0 56	20 37	3 28	13 1	0 55	1 5	2 13	11 11	0 44	21 16	0 25	12 23	16 41	16 36	17 4	13 57	8 34	0 28
F 12	0 30	20 13	2 49	6 35	0 54	15 46	0 59	20 35	3 25	13 5	0 54	1 8	2 13	11 10	0 44	21 16	0 25	12 23	16 41	16 36	17 3	13 55	8 35	0 28
S 13	0 54	19 49	3 40	6 51	0 39	16 11	1 3	20 33	3 23	13 9	0 54	1 11	2 13	11 9	0 44	21 16	0 25	12 22	16 41	16 36	17 2	13 53	8 36	0 28
S 14	1 17	18 32	4 21	7 4	0 25	16 37	1 6	20 30	3 21	13 14	0 54	1 14	2 13	11 8	0 44	21 16	0 25	12 21	16 41	16 36	17 1	13 52	8 38	0 28
M15	1 41	16 27	4 49	7 14	0 10	17 1	1 10	20 28	3 18	13 18	0 54	1 17	2 13	11 7	0 44	21 16	0 25	12 21	16 41	16 35	17 0	13 50	8 39	0 28
T 16	2 4	13 42	5 6	7 22	0s 4	17 26	1 13	20 25	3 16	13 22	0 54	1 19	2 13	11 6	0 44	21 16	0 25	12 20	16 41	16 34	16 59	13 48	8 40	0 28
W17	2 28	10 23	5 9	7 28	0 17	17 50	1 17	20 22	3 14	13 27	0 54	1 22	2 13	11 5	0 44	21 16	0 25	12 20	16 41	16 33	16 58	13 46	8 42	0 28
T 18	2 51	6 37	4 59	7 31	0 30	18 13	1 20	20 19	3 11	13 31	0 54	1 25	2 13	11 4	0 44	21 16	0 25	12 19	16 41	16 31	16 57	13 44	8 43	0 28
F 19	3 15	2 33	4 35	7 32	0 42	18 36	1 24	20 16	3 9	13 35	0 53	1 28	2 13	11 3	0 44	21 16	0 25	12 19	16 41	16 29	16 56	13 43	8 44	0 28
S 20	3 38	1n41	3 59	7 31	0 54	18 59	1 27	20 12	3 7	13 40	0 53	1 31	2 13	11 1	0 44	21 16	0 25	12 18	16 41	16 27	16 56	13 41	8 46	0 28
S 21	4 1	5 55	3 10	7 28	1 5	19 21	1 31	20 9	3 4	13 44	0 53	1 34	2 13	11 0	0 44	21 16	0 25	12 17	16 41	16 25	16 55	13 39	8 47	0 27
M22	4 24	9 58	2 11	7 22	1 15	19 43	1 34	20 5	3 2	13 49	0 53	1 37	2 13	10 59	0 44	21 16	0 25	12 17	16 41	16 24	16 54	13 37	8 48	0 27
T 23	4 48	13 37	1 4	7 14	1 25	20 4	1 38	20 1	3 0	13 53	0 53	1 40	2 13	10 58	0 44	21 17	0 25	12 16	16 41	16 23	16 53	13 35	8 50	0 27
W24	5 11	16 39	0s 7	7 5	1 35	20 25	1 41	19 56	2 57	13 57	0 53	1 43	2 13	10 57	0 44	21 17	0 25	12 16	16 41	16 23	16 52	13 34	8 51	0 27
T 25	5 33	18 50	1 19	6 53	1 43	20 45	1 45	19 52	2 55	14 2	0 53	1 46	2 13	10 56	0 44	21 17	0 25	12 15	16 41	16 23	16 51	13 32	8 52	0 27
F 26	5 56	19 59	2 28	6 40	1 51	21 5	1 48	19 48	2 53	14 6	0 53	1 49	2 13	10 55	0 44	21 17	0 25	12 15	16 41	16 24	16 50	13 30	8 54	0 27
S 27	6 19	19 58	3 30	6 25	1 59	21 24	1 51	19 43	2 51	14 10	0 52	1 52	2 13	10 54	0 44	21 17	0 25	12 14	16 41	16 24	16 49	13 28	8 55	0 27
S 28	6 42	18 44	4 20	6 8	2 6	21 43	1 54	19 38	2 48	14 15	0 52	1 55	2 14	10 53	0 44	21 17	0 25	12 14	16 41	16 24	16 48	13 26	8 56	0 27
M29	7 4	16 20	4 55	5 49	2 12	22 1	1 58	19 33	2 46	14 19	0 52	1 58	2 14	10 52	0 44	21 17	0 25	12 13	16 41	16 24	16 47	13 25	8 58	0 27
T 30	7 27	12 56	5 12	5 29	2 18	22 19	2 1	19 28	2 44	14 24	0 52	2 1	2 14	10 52	0 44	21 17	0 25	12 13	16 41	16 24	16 46	13 23	8 59	0 27
W31	7n49	8n45	5s10	5s 7	2s23	22n36	2n 4	19n22	2n42	14n28	0s52	2n 4	2s14	10s51	0s44	21n17	0s25	12s12	16s42	16s23	16s46	13s21	9n 0	0n27

Julian Day Number = 2300038.5, Delta T = 111.12 sec
Ecliptic obliquity = 23°29'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'05, Lahiri = 18°04'05 Julian Calendar 1 March 1585 == Greg. Calendar 11 March 1585

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1585
geocentric

APRIL 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 16 10	20♈55'00	8♍14	23♓49	3♊ 0	13♌45	11♉39	10♈29	3♓47	22♋ 1	7♈51	15°R 0	16♏17	8♒15	22♈ 5	T 1
F 2	13 20 7	21°53'37	22°40	25° 1	4° 8	13°57	11°52	10°36	3°49	22° 2	7°53	14♏57	16°14	8°21	22° 8	F 2
S 3	13 24 4	22°52'11	6♎58	26°15	5°15	14°10	12° 6	10°44	3°52	22° 2	7°54	14°54	16°11	8°28	22°12	S 3
S 4	13 28 0	23°50'44	21° 3	27°32	6°22	14°24	12°20	10°51	3°54	22° 2	7°55	14°52	16° 7	8°35	22°16	S 4
M 5	13 31 57	24°49'15	4♏51	28°50	7°29	14°37	12°34	10°59	3°57	22° 3	7°57	14°51	16° 4	8°42	22°20	M 5
T 6	13 35 53	25°47'43	18°19	0♈11	8°36	14°52	12°48	11° 6	3°59	22° 3	7°58	14°D50	16° 1	8°48	22°24	T 6
W 7	13 39 50	26°46'11	1♐26	1°34	9°43	15° 7	13° 2	11°13	4° 2	22° 4	8° 0	14°51	15°58	8°55	22°28	W 7
T 8	13 43 46	27°44'36	14°12	2°58	10°49	15°22	13°16	11°21	4° 4	22° 4	8° 1	14°52	15°55	9° 2	22°31	T 8
F 9	13 47 43	28°43'00	26°40	4°25	11°56	15°38	13°30	11°28	4° 7	22° 5	8° 2	14°53	15°51	9° 8	22°35	F 9
S 10	13 51 39	29°41'22	8♑53	5°54	13° 2	15°54	13°44	11°35	4° 9	22° 5	8° 4	14°55	15°48	9°15	22°39	S 10
S 11	13 55 36	0♉39'42	20°55	7°24	14° 8	16°10	13°58	11°43	4°11	22° 6	8° 5	14°56	15°45	9°22	22°43	S 11
M12	13 59 33	1°38'01	2♒50	8°57	15°13	16°28	14°12	11°50	4°13	22° 7	8° 6	14°R56	15°42	9°29	22°47	M12
T 13	14 3 29	2°36'19	14°43	10°31	16°19	16°45	14°26	11°57	4°16	22° 7	8° 8	14°55	15°39	9°35	22°50	T 13
W14	14 7 26	3°34'34	26°38	12° 7	17°24	17° 3	14°40	12° 4	4°18	22° 8	8° 9	14°55	15°36	9°42	22°54	W14
T 15	14 11 22	4°32'48	8♓41	13°45	18°29	17°21	14°54	12°12	4°20	22° 9	8°11	14°53	15°32	9°49	22°58	T 15
F 16	14 15 19	5°31'01	20°54	15°25	19°34	17°40	15° 8	12°19	4°22	22° 9	8°12	14°52	15°29	9°55	23° 2	F 16
S 17	14 19 15	6°29'12	3♈21	17° 6	20°38	17°59	15°22	12°26	4°24	22°10	8°13	14°51	15°26	10° 2	23° 5	S 17
S 18	14 23 12	7°27'22	16° 3	18°50	21°43	18°19	15°36	12°33	4°26	22°11	8°14	14°50	15°23	10° 9	23° 9	S 18
M19	14 27 8	8°25'30	29° 3	20°35	22°47	18°38	15°51	12°40	4°28	22°12	8°16	14°49	15°20	10°16	23°13	M19
T 20	14 31 5	9°23'36	12♉19	22°22	23°51	18°59	16° 5	12°47	4°30	22°13	8°17	14°D49	15°17	10°22	23°17	T 20
W21	14 35 1	10°21'41	25°51	24°11	24°54	19°19	16°19	12°54	4°32	22°14	8°18	14°49	15°13	10°29	23°20	W21
T 22	14 38 58	11°19'44	9♊37	26° 2	25°57	19°40	16°33	13° 1	4°33	22°15	8°20	14°49	15°10	10°36	23°24	T 22
F 23	14 42 55	12°17'45	23°35	27°55	27° 0	20° 2	16°47	13° 8	4°35	22°16	8°21	14°50	15° 7	10°43	23°28	F 23
S 24	14 46 51	13°15'44	7♋41	29°50	28° 3	20°23	17° 1	13°15	4°37	22°17	8°22	14°50	15° 4	10°49	23°31	S 24
S 25	14 50 48	14°13'42	21°53	1♉46	29° 5	20°45	17°16	13°22	4°39	22°18	8°23	14°50	15° 1	10°56	23°35	S 25
M26	14 54 44	15°11'37	6♌ 7	3°44	0♋ 7	21° 7	17°30	13°29	4°40	22°19	8°24	14°50	14°57	11° 3	23°39	M26
T 27	14 58 41	16° 9'31	20°21	5°44	1° 9	21°30	17°44	13°36	4°42	22°20	8°26	14°50	14°54	11° 9	23°42	T 27
W28	15 2 37	17° 7'23	4♍33	7°46	2°11	21°53	17°58	13°42	4°43	22°21	8°27	14°50	14°51	11°16	23°46	W28
T 29	15 6 34	18° 5'13	18°39	9°50	3°12	22°16	18°12	13°49	4°45	22°22	8°28	14°50	14°48	11°23	23°49	T 29
F 30	15 10 30	19♉ 3'02	2♎39	11♉55	4♋13	22♌40	18♉27	13♈56	4♓46	22♋23	8♈29	14♏51	14♏45	11♒30	23♈53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n11	4n 2	4s48	4s43	2s27	22n53	2n 7	19n17	2n40	14n32	0s52	2n 7	2s14	10s50	0s44	21n17	0s25	12s12	16s42	16s22	16s45	13s19	9n 2	0n27
F 2	8 33	0s53	4 9	4 18	2 31	23 9	2 10	19 11	2 38	14 37	0 52	2 9	2 14	10 49	0 44	21 17	0 25	12 11	16 42	16 21	16 44	13 17	9 3	0 27
S 3	8 55	5 44	3 13	3 52	2 35	23 24	2 13	19 6	2 36	14 41	0 52	2 12	2 14	10 48	0 44	21 16	0 25	12 11	16 42	16 21	16 43	13 16	9 4	0 26
S 4	9 16	10 12	2 7	3 24	2 38	23 39	2 16	19 0	2 33	14 45	0 51	2 15	2 14	10 47	0 44	21 16	0 25	12 10	16 42	16 20	16 42	13 14	9 6	0 26
M 5	9 38	14 2	0 55	2 54	2 40	23 53	2 19	18 54	2 31	14 50	0 51	2 18	2 14	10 46	0 44	21 16	0 25	12 10	16 42	16 19	16 41	13 12	9 7	0 26
T 6	9 59	17 1	0n19	2 24	2 41	24 7	2 21	18 47	2 29	14 54	0 51	2 21	2 14	10 45	0 44	21 16	0 25	12 10	16 42	16 19	16 40	13 10	9 8	0 26
W 7	10 21	19 1	1 30	1 52	2 42	24 20	2 24	18 41	2 27	14 58	0 51	2 24	2 14	10 44	0 44	21 16	0 25	12 9	16 42	16 20	16 39	13 8	9 10	0 26
T 8	10 42	19 59	2 35	1 18	2 43	24 32	2 27	18 35	2 25	15 3	0 51	2 26	2 14	10 44	0 44	21 16	0 25	12 9	16 42	16 20	16 38	13 6	9 11	0 26
F 9	11 3	19 56	3 31	0 44	2 43	24 44	2 29	18 28	2 23	15 7	0 51	2 29	2 14	10 43	0 44	21 16	0 25	12 8	16 42	16 20	16 37	13 5	9 13	0 26
S 10	11 23	18 56	4 16	0 8	2 42	24 55	2 32	18 21	2 21	15 11	0 51	2 32	2 14	10 42	0 44	21 16	0 25	12 8	16 43	16 21	16 36	13 3	9 14	0 26
S 11	11 44	17 6	4 49	0n29	2 41	25 6	2 34	18 14	2 20	15 15	0 51	2 35	2 14	10 41	0 44	21 16	0 25	12 7	16 43	16 21	16 35	13 1	9 15	0 26
M12	12 4	14 33	5 9	1 7	2 39	25 16	2 37	18 7	2 18	15 20	0 51	2 38	2 14	10 40	0 44	21 16	0 25	12 7	16 43	16 21	16 35	12 59	9 17	0 26
T 13	12 24	11 25	5 16	1 46	2 37	25 25	2 39	18 0	2 16	15 24	0 50	2 40	2 15	10 40	0 44	21 16	0 25	12 7	16 43	16 21	16 34	12 57	9 18	0 26
W14	12 44	7 48	5 10	2 26	2 34	25 34	2 41	17 53	2 14	15 28	0 50	2 43	2 15	10 39	0 44	21 16	0 25	12 6	16 43	16 21	16 33	12 55	9 19	0 26
T 15	13 4	3 51	4 49	3 7	2 31	25 42	2 43	17 46	2 12	15 32	0 50	2 46	2 15	10 38	0 44	21 16	0 25	12 6	16 43	16 20	16 32	12 54	9 21	0 26
F 16	13 23	0n18	4 16	3 49	2 27	25 50	2 45	17 38	2 10	15 37	0 50	2 49	2 15	10 37	0 45	21 16	0 25	12 6	16 43	16 20	16 31	12 52	9 22	0 26
S 17	13 43	4 33	3 30	4 32	2 23	25 56	2 47	17 30	2 8	15 41	0 50	2 51	2 15	10 37	0 45	21 16	0 25	12 5	16 44	16 20	16 30	12 50	9 23	0 25
S 18	14 2	8 41	2 33	5 16	2 18	26 3	2 49	17 23	2 7	15 45	0 50	2 54	2 15	10 36	0 45	21 15	0 25	12 5	16 44	16 19	16 29	12 48	9 25	0 25
M19	14 21	12 30	1 26	6 1	2 13	26 8	2 51	17 15	2 5	15 49	0 50	2 57	2 15	10 35	0 45	21 15	0 25	12 4	16 44	16 19	16 28	12 46	9 26	0 25
T 20	14 39	15 47	0 14	6 46	2 7	26 13	2 52	17 7	2 3	15 53	0 50	2 59	2 15	10 35	0 45	21 15	0 24	12 4	16 44	16 19	16 27	12 44	9 27	0 25
W21	14 58	18 17	1s 1	7 32	2 0	26 17	2 54	16 59	2 1	15 58	0 50	3 2	2 15	10 34	0 45	21 15	0 24	12 4	16 44	16 19	16 26	12 43	9 29	0 25
T 22	15 16	19 45	2 13	8 19	1 53	26 21	2 55	16 50	1 59	16 2	0 50	3 4	2 15	10 33	0 45	21 15	0 24	12 4	16 44	16 19	16 25	12 41	9 30	0 25
F 23	15 34	20 2	3 19	9 6	1 46	26 24	2 57	16 42	1 58	16 6	0 50	3 7	2 16	10 33	0 45	21 15	0 24	12 3	16 45	16 19	16 24	12 39	9 31	0 25
S 24	15 51	19 4	4 13	9 54	1 38	26 26	2 58	16 33	1 56	16 10	0 50	3 10	2 16	10 32	0 45	21 15	0 24	12 3	16 45	16 19	16 23	12 37	9 32	0 25
S 25	16 9	16 54	4 52	10 42	1 30	26 28	2 59	16 25	1 54	16 14	0 49	3 12	2 16	10 31	0 45	21 15	0 24	12 3	16 45	16 19	16 22	12 35	9 34	0 25
M26	16 26	13 43	5 13	11 31	1 21	26 29	3 0	16 16	1 53	16 18	0 49	3 15	2 16	10 31	0 45	21 14	0 24	12 2	16 45	16 19	16 22	12 33	9 35	0 25
T 27	16 43	9 44	5 16	12 20	1 12	26 30	3 1	16 7	1 51	16 22	0 49	3 17	2 16	10 30	0 45	21 14	0 24	12 2	16 46	16 19	16 21	12 31	9 36	0 25
W28	16 59	5 14	4 59	13 8	1 3	26 30	3 1	15 58	1 49	16 26	0 49	3 20	2 16	10 30	0 45	21 14	0 24	12 2	16 46	16 19	16 20	12 30	9 38	0 25
T 29	17 15	0 27	4 24	13 57	0 53	26 29	3 2	15 49	1 48	16 30	0 49	3 22	2 16	10 29	0 45	21 14	0 24	12 2	16 46	16 19	16 19	12 28	9 39	0 25
F 30	17n31	4s19	3s33	14n45	0s43	26n28	3n 2	15n40	1n46	16n34	0s49	3n25	2s16	10s29	0s45	21n14	0s24	12s 1	16s46	16s20	16s18	12s26	9n40	0n25

Julian Day Number = 2300069.5, Delta T = 110.98 sec
Ecliptic obliquity = 23°29'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'09, Lahiri = 18°04'09 Julian Calendar 1 Apr. 1585 == Greg. Calendar 11 Apr. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

MAY 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 14 27	20♉ 0'48	16♎28	14♉ 1	5♋13	23♌ 4	18♉41	14♈ 2	4♓48	22♋24	8♈30	14♏51	14♏42	11♒36	23♈56	S 1
S 2	15 18 24	20°58'33	0♏ 6	16° 9	6°13	23°28	18°55	14° 9	4°49	22°26	8°31	14°52	14°38	11°43	24° 0	S 2
M 3	15 22 20	21°56'17	13°30	18°18	7°12	23°52	19° 9	14°16	4°51	22°27	8°33	14°R52	14°35	11°50	24° 3	M 3
T 4	15 26 17	22°53'59	26°39	20°28	8°12	24°17	19°23	14°22	4°52	22°28	8°34	14°52	14°32	11°57	24° 7	T 4
W 5	15 30 13	23°51'40	9♐33	22°39	9°10	24°42	19°37	14°28	4°53	22°30	8°35	14°51	14°29	12° 3	24°10	W 5
T 6	15 34 10	24°49'20	22°11	24°50	10° 9	25° 7	19°52	14°35	4°54	22°31	8°36	14°50	14°26	12°10	24°14	T 6
F 7	15 38 6	25°46'58	4♑35	27° 2	11° 7	25°32	20° 6	14°41	4°56	22°32	8°37	14°49	14°22	12°17	24°17	F 7
S 8	15 42 3	26°44'36	16°47	29°13	12° 4	25°58	20°20	14°48	4°57	22°34	8°38	14°47	14°19	12°23	24°21	S 8
S 9	15 46 0	27°42'12	28°49	1♊25	13° 1	26°24	20°34	14°54	4°58	22°35	8°39	14°45	14°16	12°30	24°24	S 9
M10	15 49 56	28°39'47	10♒44	3°35	13°58	26°50	20°48	15° 0	4°59	22°37	8°40	14°44	14°13	12°37	24°27	M10
T 11	15 53 53	29°37'22	22°38	5°46	14°54	27°17	21° 2	15° 6	5° 0	22°38	8°41	14°43	14°10	12°44	24°30	T 11
W12	15 57 49	0♊34'55	4♓33	7°55	15°50	27°43	21°16	15°12	5° 1	22°40	8°42	14°D43	14° 7	12°50	24°34	W12
T 13	16 1 46	1°32'27	16°36	10° 2	16°45	28°10	21°30	15°18	5° 2	22°41	8°43	14°44	14° 3	12°57	24°37	T 13
F 14	16 5 42	2°29'59	28°49	12° 9	17°39	28°37	21°44	15°24	5° 2	22°43	8°44	14°45	14° 0	13° 4	24°40	F 14
S 15	16 9 39	3°27'30	11♈19	14°13	18°33	29° 5	21°58	15°30	5° 3	22°44	8°45	14°46	13°57	13°10	24°43	S 15
S 16	16 13 35	4°25'00	24° 7	16°16	19°27	29°32	22°12	15°36	5° 4	22°46	8°46	14°48	13°54	13°17	24°47	S 16
M17	16 17 32	5°22'29	7♉17	18°16	20°19	29°59	22°26	15°42	5° 5	22°47	8°47	14°49	13°51	13°24	24°50	M17
T 18	16 21 28	6°19'57	20°49	20°14	21°12	0♍28	22°40	15°48	5° 5	22°49	8°47	14°R49	13°48	13°31	24°53	T 18
W19	16 25 25	7°17'25	4♊42	22°10	22° 3	0°56	22°54	15°53	5° 6	22°51	8°48	14°48	13°44	13°37	24°56	W19
T 20	16 29 22	8°14'51	18°54	24° 4	22°54	1°24	23° 8	15°59	5° 6	22°52	8°49	14°46	13°41	13°44	24°59	T 20
F 21	16 33 18	9°12'17	3♋19	25°55	23°44	1°53	23°22	16° 4	5° 7	22°54	8°50	14°43	13°38	13°51	25° 2	F 21
S 22	16 37 15	10° 9'41	17°53	27°44	24°34	2°22	23°36	16°10	5° 7	22°56	8°51	14°39	13°35	13°58	25° 5	S 22
S 23	16 41 11	11° 7'05	2♌28	29°30	25°23	2°51	23°50	16°15	5° 8	22°57	8°52	14°36	13°32	14° 4	25° 8	S 23
M24	16 45 8	12° 4'27	16°59	1♋14	26°11	3°20	24° 4	16°21	5° 8	22°59	8°52	14°33	13°28	14°11	25°11	M24
T 25	16 49 4	13° 1'49	1♍20	2°54	26°58	3°50	24°17	16°26	5° 8	23° 1	8°53	14°31	13°25	14°18	25°13	T 25
W26	16 53 1	13°59'09	15°30	4°33	27°44	4°19	24°31	16°31	5° 9	23° 3	8°54	14°D31	13°22	14°24	25°16	W26
T 27	16 56 58	14°56'28	29°26	6° 8	28°30	4°49	24°45	16°36	5° 9	23° 5	8°55	14°32	13°19	14°31	25°19	T 27
F 28	17 0 54	15°53'46	13♎ 7	7°41	29°14	5°19	24°59	16°41	5° 9	23° 6	8°55	14°33	13°16	14°38	25°22	F 28
S 29	17 4 51	16°51'03	26°34	9°12	29°58	5°49	25°12	16°46	5° 9	23° 8	8°56	14°34	13°13	14°45	25°24	S 29
S 30	17 8 47	17°48'19	9♏47	10°39	0♌41	6°19	25°26	16°51	5° 9	23°10	8°57	14°R35	13° 9	14°51	25°27	S 30
M31	17 12 44	18♊45'35	22♏47	12♋ 4	1♌22	6♍50	25♉39	16♈56	5°R 9	23♋12	8♈57	14♏35	13♏ 6	14♒58	25♈30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n47	8s49	2s31	15n33	0s33	26n26	3n 3	15n30	1n45	16n38	0s49	3n27	2s17	10s28	0s45	21n14	0s24	12s 1	16s46	16s20	16s17	12s24	9n41	0n24
S 2	18 2	12 48	1 21	16 21	0 23	26 23	3 3	15 21	1 43	16 42	0 49	3 30	2 17	10 28	0 45	21 13	0 24	12 1	16 47	16 20	16 16	12 22	9 42	0 24
M 3	18 17	16 3	0 8	17 7	0 12	26 20	3 3	15 11	1 41	16 46	0 49	3 32	2 17	10 27	0 45	21 13	0 24	12 1	16 47	16 20	16 15	12 20	9 44	0 24
T 4	18 32	18 24	1n 5	17 53	0 1	26 17	3 3	15 2	1 40	16 50	0 49	3 34	2 17	10 27	0 45	21 13	0 24	12 0	16 47	16 20	16 14	12 18	9 45	0 24
W 5	18 47	19 45	2 13	18 37	0n 9	26 12	3 2	14 52	1 38	16 54	0 49	3 37	2 17	10 26	0 45	21 13	0 24	12 0	16 47	16 20	16 13	12 17	9 46	0 24
T 6	19 1	20 4	3 12	19 20	0 20	26 8	3 2	14 42	1 37	16 58	0 49	3 39	2 17	10 26	0 45	21 13	0 24	12 0	16 48	16 19	16 12	12 15	9 47	0 24
F 7	19 15	19 23	4 2	20 1	0 30	26 2	3 1	14 32	1 35	17 1	0 49	3 41	2 17	10 26	0 45	21 12	0 24	12 0	16 48	16 19	16 11	12 13	9 49	0 24
S 8	19 28	17 49	4 39	20 41	0 40	25 57	3 1	14 22	1 34	17 5	0 49	3 44	2 18	10 25	0 45	21 12	0 24	12 0	16 48	16 18	16 10	12 11	9 50	0 24
S 9	19 41	15 29	5 4	21 18	0 50	25 50	3 0	14 12	1 32	17 9	0 49	3 46	2 18	10 25	0 45	21 12	0 24	12 0	16 48	16 18	16 9	12 9	9 51	0 24
M10	19 54	12 31	5 15	21 53	0 59	25 43	2 59	14 1	1 31	17 13	0 48	3 48	2 18	10 25	0 45	21 12	0 24	11 59	16 49	16 18	16 8	12 7	9 52	0 24
T 11	20 7	9 4	5 13	22 26	1 8	25 36	2 58	13 51	1 30	17 17	0 48	3 50	2 18	10 24	0 45	21 12	0 24	11 59	16 49	16 17	16 7	12 5	9 53	0 24
W12	20 19	5 15	4 57	22 56	1 17	25 28	2 56	13 40	1 28	17 20	0 48	3 52	2 18	10 24	0 45	21 11	0 24	11 59	16 49	16 17	16 6	12 3	9 54	0 24
T 13	20 31	1 11	4 28	23 24	1 25	25 20	2 55	13 30	1 27	17 24	0 48	3 55	2 18	10 24	0 46	21 11	0 24	11 59	16 50	16 18	16 6	12 2	9 55	0 24
F 14	20 42	3n 0	3 47	23 49	1 32	25 11	2 53	13 19	1 25	17 28	0 48	3 57	2 19	10 23	0 46	21 11	0 24	11 59	16 50	16 18	16 5	12 0	9 57	0 24
S 15	20 53	7 9	2 54	24 12	1 39	25 2	2 51	13 8	1 24	17 31	0 48	3 59	2 19	10 23	0 46	21 11	0 24	11 59	16 50	16 18	16 4	11 58	9 58	0 24
S 16	21 4	11 6	1 52	24 31	1 45	24 52	2 49	12 57	1 23	17 35	0 48	4 1	2 19	10 23	0 46	21 10	0 24	11 59	16 50	16 19	16 3	11 56	9 59	0 24
M17	21 15	14 37	0 41	24 48	1 50	24 42	2 47	12 46	1 21	17 39	0 48	4 3	2 19	10 23	0 46	21 10	0 24	11 59	16 51	16 19	16 2	11 54	10 0	0 23
T 18	21 25	17 28	0s33	25 2	1 55	24 31	2 44	12 35	1 20	17 42	0 48	4 5	2 19	10 22	0 46	21 10	0 24	11 59	16 51	16 19	16 1	11 52	10 1	0 23
W19	21 34	19 22	1 47	25 14	1 59	24 20	2 41	12 23	1 19	17 46	0 48	4 7	2 20	10 22	0 46	21 10	0 24	11 59	16 51	16 19	16 0	11 50	10 2	0 23
T 20	21 44	20 6	2 57	25 23	2 2	24 9	2 39	12 12	1 17	17 49	0 48	4 9	2 20	10 22	0 46	21 9	0 24	11 59	16 52	16 18	15 59	11 48	10 3	0 23
F 21	21 53	19 31	3 56	25 30	2 4	23 57	2 35	12 0	1 16	17 53	0 48	4 11	2 20	10 22	0 46	21 9	0 24	11 59	16 52	16 17	15 58	11 46	10 4	0 23
S 22	22 1	17 40	4 40	25 34	2 6	23 45	2 32	11 49	1 15	17 56	0 48	4 13	2 20	10 22	0 46	21 9	0 24	11 59	16 52	16 16	15 57	11 45	10 5	0 23
S 23	22 9	14 41	5 6	25 36	2 7	23 33	2 29	11 37	1 13	18 0	0 48	4 15	2 20	10 22	0 46	21 9	0 24	11 59	16 53	16 15	15 56	11 43	10 6	0 23
M24	22 17	10 48	5 13	25 36	2 7	23 20	2 25	11 25	1 12	18 3	0 48	4 17	2 21	10 22	0 46	21 8	0 24	11 59	16 53	16 14	15 55	11 41	10 7	0 23
T 25	22 25	6 21	5 0	25 33	2 6	23 7	2 21	11 13	1 11	18 7	0 48	4 19	2 21	10 22	0 46	21 8	0 24	11 59	16 53	16 14	15 54	11 39	10 8	0 23
W26	22 32	1 36	4 29	25 29	2 5	22 54	2 17	11 1	1 9	18 10	0 48	4 20	2 21	10 22	0 46	21 8	0 24	11 59	16 54	16 14	15 53	11 37	10 9	0 23
T 27	22 38	3s10	3 42	25 23	2 2	22 40	2 12	10 49	1 8	18 13	0 48	4 22	2 21	10 22	0 46	21 7	0 24	11 59	16 54	16 14	15 52	11 35	10 10	0 23
F 28	22 45	7 42	2 44	25 15	1 59	22 26	2 8	10 37	1 7	18 17	0 48	4 24	2 21	10 22	0 46	21 7	0 24	11 59	16 54	16 14	15 51	11 33	10 11	0 23
S 29	22 50	11 46	1 37	25 6	1 56	22 12	2 3	10 25	1 6	18 20	0 48	4 26	2 22	10 22	0 46	21 7	0 24	11 59	16 55	16 15	15 50	11 31	10 12	0 23
S 30	22 56	15 12	0 26	24 55	1 51	21 58	1 58	10 13	1 5	18 23	0 48	4 27	2 22	10 22	0 46	21 7	0 24	11 59	16 55	16 15	15 49	11 29	10 13	0 23
M31	23n 1	17s47	0n45	24n43	1n46	21n43	1n52	10n 0	1n 3	18n27	0s48	4n29	2s22	10s22	0s46	21n 6	0s24	11s59	16s55	16s15	15s48	11s28	10n14	0n23

Julian Day Number = 2300099.5, Delta T = 110.84 sec
Ecliptic obliquity = 23°29'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'13, Lahiri = 18°04'13 Julian Calendar 1 May 1585 == Greg. Calendar 11 May 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

JUNE 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 16 40	19♊42'50	5♐36	13♋26	2♌ 3	7♍20	25♉53	17♈ 1	5°R 9	23♋14	8♈58	14°R33	13♏ 3	15♒ 5	25♈32	T 1
W 2	17 20 37	20°40'04	18°12	14°45	2°43	7°51	26° 6	17° 6	5♓ 9	23°16	8°58	14♏30	13° 0	15°12	25°35	W 2
T 3	17 24 33	21°37'18	0♑38	16° 2	3°21	8°22	26°20	17°10	5° 9	23°18	8°59	14°25	12°57	15°18	25°37	T 3
F 4	17 28 30	22°34'31	12°53	17°15	3°58	8°53	26°33	17°15	5° 9	23°20	9° 0	14°18	12°54	15°25	25°40	F 4
S 5	17 32 27	23°31'44	24°59	18°26	4°34	9°24	26°47	17°19	5° 8	23°22	9° 0	14°12	12°50	15°32	25°42	S 5
S 6	17 36 23	24°28'57	6♒58	19°33	5° 9	9°56	27° 0	17°24	5° 8	23°24	9° 1	14° 5	12°47	15°38	25°45	S 6
M 7	17 40 20	25°26'09	18°52	20°37	5°43	10°27	27°13	17°28	5° 8	23°26	9° 1	13°59	12°44	15°45	25°47	M 7
T 8	17 44 16	26°23'21	0♓45	21°39	6°15	10°59	27°26	17°32	5° 7	23°28	9° 2	13°54	12°41	15°52	25°49	T 8
W 9	17 48 13	27°20'33	12°39	22°37	6°45	11°31	27°40	17°36	5° 7	23°30	9° 2	13°51	12°38	15°59	25°51	W 9
T 10	17 52 9	28°17'45	24°40	23°31	7°15	12° 3	27°53	17°41	5° 7	23°32	9° 2	13°D50	12°34	16° 5	25°54	T 10
F 11	17 56 6	29°14'58	6♈51	24°22	7°42	12°35	28° 6	17°45	5° 6	23°34	9° 3	13°50	12°31	16°12	25°56	F 11
S 12	18 0 2	0♋12'10	19°19	25°10	8° 9	13° 7	28°19	17°48	5° 5	23°36	9° 3	13°51	12°28	16°19	25°58	S 12
S 13	18 3 59	1° 9'22	2♉ 7	25°54	8°33	13°40	28°32	17°52	5° 5	23°38	9° 4	13°52	12°25	16°25	26° 0	S 13
M14	18 7 56	2° 6'34	15°19	26°34	8°56	14°12	28°45	17°56	5° 4	23°40	9° 4	13°R52	12°22	16°32	26° 2	M14
T 15	18 11 52	3° 3'47	28°57	27°10	9°17	14°45	28°58	18° 0	5° 4	23°42	9° 4	13°51	12°19	16°39	26° 4	T 15
W16	18 15 49	4° 0'59	13♊ 3	27°42	9°37	15°18	29°10	18° 3	5° 3	23°44	9° 5	13°48	12°15	16°46	26° 6	W16
T 17	18 19 45	4°58'12	27°32	28°10	9°54	15°51	29°23	18° 7	5° 2	23°47	9° 5	13°43	12°12	16°52	26° 8	T 17
F 18	18 23 42	5°55'24	12♋20	28°34	10°10	16°24	29°36	18°10	5° 1	23°49	9° 5	13°36	12° 9	16°59	26°10	F 18
S 19	18 27 38	6°52'37	27°18	28°53	10°24	16°57	29°48	18°13	5° 0	23°51	9° 5	13°29	12° 6	17° 6	26°11	S 19
S 20	18 31 35	7°49'49	12♌18	29° 8	10°35	17°31	0♊ 1	18°17	4°59	23°53	9° 6	13°21	12° 3	17°13	26°13	S 20
M21	18 35 31	8°47'02	27° 9	29°18	10°45	18° 4	0°14	18°20	4°58	23°55	9° 6	13°14	12° 0	17°19	26°15	M21
T 22	18 39 28	9°44'14	11♍46	29°24	10°52	18°38	0°26	18°23	4°57	23°57	9° 6	13° 9	11°56	17°26	26°16	T 22
W23	18 43 25	10°41'26	26° 3	29°R25	10°58	19°12	0°38	18°26	4°56	24° 0	9° 6	13° 6	11°53	17°33	26°18	W23
T 24	18 47 21	11°38'37	9♎59	29°21	11° 0	19°46	0°51	18°29	4°55	24° 2	9° 6	13°D 5	11°50	17°39	26°20	T 24
F 25	18 51 18	12°35'49	23°33	29°12	11°R 1	20°20	1° 3	18°31	4°54	24° 4	9° 6	13° 5	11°47	17°46	26°21	F 25
S 26	18 55 14	13°33'01	6♏47	28°59	10°59	20°54	1°15	18°34	4°53	24° 6	9° 6	13°R 6	11°44	17°53	26°22	S 26
S 27	18 59 11	14°30'12	19°44	28°41	10°55	21°28	1°27	18°37	4°52	24° 8	9° 6	13° 6	11°40	18° 0	26°24	S 27
M28	19 3 7	15°27'24	2♐27	28°19	10°49	22° 3	1°39	18°39	4°50	24°10	9° 7	13° 4	11°37	18° 6	26°25	M28
T 29	19 7 4	16°24'36	14°57	27°53	10°40	22°37	1°51	18°41	4°49	24°13	9° 7	13° 0	11°34	18°13	26°26	T 29
W30	19 11 0	17♋21'48	27♐18	27♋23	10♌29	23♍12	2♊ 3	18♈44	4♓48	24♋15	9°R 7	12♏54	11♏31	18♒20	26♈28	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	19s27	1n52	24n29	1n41	21n28	1n46	9n48	1n 2	18n30	0s48	4n31	2s22	10s22	0s46	21n 6	0s24	11s59	16s56	16s14	15s47	11s26	10n15	0n23
W 2	23 10	20 6	2 53	24 14	1 34	21 14	1 41	9 35	1 1	18 33	0 48	4 32	2 22	10 22	0 46	21 6	0 24	11 59	16 56	16 13	15 46	11 24	10 16	0 22
T 3	23 14	19 45	3 44	23 58	1 27	20 59	1 34	9 22	1 0	18 36	0 48	4 34	2 23	10 22	0 46	21 5	0 24	11 59	16 56	16 12	15 45	11 22	10 16	0 22
F 4	23 17	18 29	4 24	23 41	1 20	20 44	1 28	9 10	0 59	18 39	0 48	4 35	2 23	10 22	0 46	21 5	0 24	11 59	16 57	16 10	15 45	11 20	10 17	0 22
S 5	23 20	16 23	4 52	23 24	1 11	20 28	1 21	8 57	0 57	18 42	0 48	4 37	2 23	10 22	0 46	21 5	0 24	11 59	16 57	16 8	15 44	11 18	10 18	0 22
S 6	23 23	13 37	5 7	23 5	1 2	20 13	1 14	8 44	0 56	18 46	0 48	4 38	2 23	10 22	0 46	21 4	0 24	11 59	16 57	16 6	15 43	11 16	10 19	0 22
M 7	23 25	10 19	5 8	22 46	0 53	19 58	1 7	8 31	0 55	18 49	0 47	4 40	2 24	10 22	0 47	21 4	0 23	11 59	16 58	16 4	15 42	11 14	10 20	0 22
T 8	23 27	6 37	4 56	22 27	0 43	19 42	0 59	8 18	0 54	18 52	0 47	4 41	2 24	10 22	0 47	21 4	0 23	12 0	16 58	16 3	15 41	11 12	10 20	0 22
W 9	23 28	2 39	4 31	22 7	0 32	19 27	0 51	8 4	0 53	18 55	0 47	4 42	2 24	10 23	0 47	21 3	0 23	12 0	16 58	16 2	15 40	11 10	10 21	0 22
T 10	23 29	1n28	3 54	21 46	0 20	19 11	0 43	7 51	0 52	18 58	0 47	4 44	2 24	10 23	0 47	21 3	0 23	12 0	16 59	16 1	15 39	11 9	10 22	0 22
F 11	23 29	5 35	3 6	21 26	0 9	18 56	0 34	7 38	0 51	19 1	0 47	4 45	2 25	10 23	0 47	21 3	0 23	12 0	16 59	16 1	15 38	11 7	10 23	0 22
S 12	23 29	9 34	2 9	21 5	0s 4	18 41	0 25	7 24	0 49	19 3	0 47	4 46	2 25	10 23	0 47	21 2	0 23	12 0	16 59	16 2	15 37	11 5	10 23	0 22
S 13	23 29	13 13	1 3	20 45	0 17	18 25	0 16	7 11	0 48	19 6	0 47	4 47	2 25	10 24	0 47	21 2	0 23	12 0	17 0	16 2	15 36	11 3	10 24	0 22
M14	23 28	16 20	0s 8	20 24	0 30	18 10	0 7	6 57	0 47	19 9	0 47	4 49	2 25	10 24	0 47	21 2	0 23	12 1	17 0	16 2	15 35	11 1	10 25	0 22
T 15	23 27	18 40	1 20	20 4	0 44	17 55	0s 3	6 44	0 46	19 12	0 47	4 50	2 26	10 24	0 47	21 1	0 23	12 1	17 0	16 2	15 34	10 59	10 25	0 22
W16	23 26	19 56	2 30	19 43	0 58	17 40	0 13	6 30	0 45	19 15	0 47	4 51	2 26	10 24	0 47	21 1	0 23	12 1	17 1	16 1	15 33	10 57	10 26	0 22
T 17	23 24	19 56	3 33	19 24	1 12	17 25	0 24	6 16	0 44	19 17	0 47	4 52	2 26	10 25	0 47	21 1	0 23	12 1	17 1	16 0	15 32	10 55	10 27	0 22
F 18	23 21	18 34	4 22	19 5	1 27	17 11	0 35	6 2	0 43	19 20	0 47	4 53	2 26	10 25	0 47	21 0	0 23	12 2	17 2	15 57	15 31	10 53	10 27	0 21
S 19	23 19	15 56	4 54	18 46	1 42	16 56	0 46	5 48	0 42	19 23	0 47	4 54	2 27	10 25	0 47	21 0	0 23	12 2	17 2	15 55	15 30	10 51	10 28	0 21
S 20	23 16	12 15	5 6	18 28	1 57	16 42	0 57	5 34	0 41	19 26	0 47	4 55	2 27	10 26	0 47	21 0	0 23	12 2	17 2	15 53	15 29	10 49	10 28	0 21
M21	23 12	7 50	4 57	18 11	2 12	16 28	1 9	5 20	0 40	19 28	0 47	4 56	2 27	10 26	0 47	20 59	0 23	12 2	17 3	15 51	15 28	10 47	10 29	0 21
T 22	23 8	3 1	4 29	17 55	2 27	16 15	1 21	5 6	0 39	19 31	0 47	4 57	2 27	10 27	0 47	20 59	0 23	12 3	17 3	15 49	15 27	10 46	10 30	0 21
W23	23 4	1s51	3 44	17 40	2 42	16 1	1 33	4 52	0 38	19 33	0 47	4 58	2 28	10 27	0 47	20 58	0 23	12 3	17 3	15 48	15 26	10 44	10 30	0 21
T 24	22 59	6 32	2 48	17 27	2 57	15 49	1 46	4 38	0 37	19 36	0 47	4 59	2 28	10 28	0 47	20 58	0 23	12 3	17 4	15 48	15 25	10 42	10 31	0 21
F 25	22 54	10 45	1 43	17 14	3 12	15 36	1 59	4 23	0 36	19 38	0 47	4 59	2 28	10 28	0 47	20 58	0 23	12 3	17 4	15 48	15 24	10 40	10 31	0 21
S 26	22 48	14 20	0 34	17 3	3 26	15 24	2 12	4 9	0 35	19 41	0 47	5 0	2 28	10 28	0 47	20 57	0 23	12 4	17 4	15 48	15 23	10 38	10 32	0 21
S 27	22 42	17 8	0n35	16 53	3 40	15 12	2 25	3 54	0 34	19 43	0 47	5 1	2 29	10 29	0 47	20 57	0 23	12 4	17 5	15 48	15 22	10 36	10 32	0 21
M28	22 36	19 2	1 41	16 45	3 53	15 1	2 39	3 40	0 33	19 46	0 47	5 2	2 29	10 29	0 47	20 57	0 23	12 4	17 5	15 48	15 21	10 34	10 32	0 21
T 29	22 29	19 58	2 41	16 38	4 5	14 50	2 52	3 25	0 32	19 48	0 47	5 2	2 29	10 30	0 47	20 56	0 23	12 5	17 6	15 47	15 20	10 32	10 33	0 21
W30	22n22	19s55	3n32	16n33	4s16	14n40	3s 6	3n11	0n31	19n51	0s47	5n 3	2s29	10s30	0s47	20n56	0s23	12s 5	17s 6	15s45	15s19	10s30	10n33	0n21

Julian Day Number = 2300130.5, Delta T = 110.70 sec
Ecliptic obliquity = 23°29'28, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'17, Lahiri = 18°04'18 Julian Calendar 1 June 1585 == Greg. Calendar 11 June 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

JULY 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 14 57	18♋19'00	9♉31	26°R49	10°R15	23♍47	2♊15	18♈46	4°R46	24♋17	9°R 7	12°R44	11♏28	18♒27	26♈29	T 1
F 2	19 18 54	19°16'13	21°37	26♋13	9♌59	24°21	2°26	18°48	4♓45	24°19	9♈ 6	12♏33	11°25	18°33	26°30	F 2
S 3	19 22 50	20°13'26	3♒36	25°35	9°41	24°56	2°38	18°50	4°43	24°22	9° 6	12°21	11°21	18°40	26°31	S 3
S 4	19 26 47	21°10'40	15°31	24°54	9°20	25°31	2°50	18°52	4°42	24°24	9° 6	12° 9	11°18	18°47	26°32	S 4
M 5	19 30 43	22° 7'54	27°24	24°13	8°57	26° 7	3° 1	18°54	4°40	24°26	9° 6	11°58	11°15	18°53	26°33	M 5
T 6	19 34 40	23° 5'09	9♓15	23°31	8°33	26°42	3°12	18°55	4°39	24°28	9° 6	11°48	11°12	19° 0	26°34	T 6
W 7	19 38 36	24° 2'25	21° 9	22°50	8° 6	27°17	3°24	18°57	4°37	24°30	9° 6	11°42	11° 9	19° 7	26°35	W 7
T 8	19 42 33	24°59'42	3♈ 8	22°10	7°37	27°53	3°35	18°58	4°36	24°33	9° 6	11°37	11° 6	19°14	26°35	T 8
F 9	19 46 29	25°56'59	15°18	21°31	7° 6	28°28	3°46	19° 0	4°34	24°35	9° 6	11°35	11° 2	19°20	26°36	F 9
S 10	19 50 26	26°54'17	27°42	20°56	6°34	29° 4	3°57	19° 1	4°32	24°37	9° 5	11°D35	10°59	19°27	26°37	S 10
S 11	19 54 23	27°51'37	10♉27	20°23	6° 1	29°40	4° 8	19° 2	4°30	24°39	9° 5	11°R35	10°56	19°34	26°37	S 11
M12	19 58 19	28°48'57	23°35	19°54	5°26	0♎16	4°19	19° 3	4°29	24°42	9° 5	11°35	10°53	19°40	26°38	M12
T 13	20 2 16	29°46'19	7♊12	19°30	4°51	0°52	4°30	19° 4	4°27	24°44	9° 5	11°33	10°50	19°47	26°38	T 13
W14	20 6 12	0♌43'41	21°17	19°11	4°14	1°28	4°40	19° 5	4°25	24°46	9° 4	11°28	10°46	19°54	26°39	W14
T 15	20 10 9	1°41'05	5♋51	18°57	3°37	2° 4	4°51	19° 6	4°23	24°48	9° 4	11°21	10°43	20° 1	26°39	T 15
F 16	20 14 5	2°38'30	20°49	18°49	3° 0	2°41	5° 1	19° 6	4°21	24°50	9° 4	11°12	10°40	20° 7	26°40	F 16
S 17	20 18 2	3°35'55	6♌ 1	18°D47	2°23	3°17	5°11	19° 7	4°19	24°53	9° 3	11° 1	10°37	20°14	26°40	S 17
S 18	20 21 58	4°33'22	21°17	18°51	1°46	3°54	5°22	19° 8	4°17	24°55	9° 3	10°51	10°34	20°21	26°40	S 18
M19	20 25 55	5°30'49	6♍26	19° 1	1° 9	4°31	5°32	19° 8	4°15	24°57	9° 2	10°41	10°31	20°28	26°40	M19
T 20	20 29 52	6°28'17	21°19	19°18	0°33	5° 7	5°42	19° 8	4°13	24°59	9° 2	10°34	10°27	20°34	26°40	T 20
W21	20 33 48	7°25'46	5♎49	19°42	29♋58	5°44	5°52	19° 8	4°11	25° 1	9° 2	10°29	10°24	20°41	26°R40	W21
T 22	20 37 45	8°23'15	19°52	20°12	29°23	6°21	6° 2	19°R 8	4° 9	25° 4	9° 1	10°27	10°21	20°48	26°40	T 22
F 23	20 41 41	9°20'45	3♏28	20°49	28°50	6°58	6°11	19° 8	4° 7	25° 6	9° 1	10°26	10°18	20°54	26°40	F 23
S 24	20 45 38	10°18'17	16°40	21°32	28°19	7°35	6°21	19° 8	4° 5	25° 8	9° 0	10°26	10°15	21° 1	26°40	S 24
S 25	20 49 34	11°15'48	29°30	22°22	27°49	8°13	6°30	19° 8	4° 3	25°10	9° 0	10°25	10°12	21° 8	26°40	S 25
M26	20 53 31	12°13'21	12♐ 4	23°18	27°21	8°50	6°40	19° 7	4° 1	25°12	8°59	10°23	10° 8	21°15	26°40	M26
T 27	20 57 27	13°10'55	24°24	24°21	26°55	9°28	6°49	19° 7	3°59	25°14	8°58	10°18	10° 5	21°21	26°39	T 27
W28	21 1 24	14° 8'30	6♑34	25°29	26°30	10° 5	6°58	19° 6	3°56	25°17	8°58	10°10	10° 2	21°28	26°39	W28
T 29	21 5 21	15° 6'06	18°37	26°43	26° 8	10°43	7° 7	19° 6	3°54	25°19	8°57	10° 0	9°59	21°35	26°39	T 29
F 30	21 9 17	16° 3'43	0♒35	28° 3	25°48	11°21	7°16	19° 5	3°52	25°21	8°57	9°47	9°56	21°41	26°38	F 30
S 31	21 13 14	17♌ 1'21	12♒29	29♋28	25♋31	11♎58	7♊25	19♈ 4	3♓50	25♋23	8♈56	9♏34	9♏52	21♒48	26♈38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n14	18s56	4n13	16n29	4s26	14n30	3s20	2n56	0n30	19n53	0s47	5n 3	2s30	10s31	0s47	20n56	0s23	12s 5	17s 6	15s42	15s18	10s28	10n34	0n21
F 2	22 6	17 6	4 42	16 27	4 35	14 20	3 34	2 41	0 29	19 55	0 47	5 4	2 30	10 32	0 47	20 55	0 23	12 6	17 7	15 38	15 17	10 26	10 34	0 21
S 3	21 58	14 33	4 58	16 27	4 42	14 12	3 48	2 27	0 28	19 57	0 47	5 4	2 30	10 32	0 47	20 55	0 23	12 6	17 7	15 35	15 16	10 24	10 34	0 21
S 4	21 49	11 25	5 1	16 28	4 48	14 3	4 2	2 12	0 27	20 0	0 47	5 5	2 31	10 33	0 47	20 54	0 23	12 6	17 7	15 31	15 15	10 22	10 35	0 21
M 5	21 40	7 51	4 51	16 31	4 52	13 56	4 16	1 57	0 26	20 2	0 47	5 5	2 31	10 33	0 47	20 54	0 23	12 7	17 8	15 27	15 14	10 21	10 35	0 20
T 6	21 31	3 58	4 28	16 36	4 55	13 49	4 30	1 42	0 25	20 4	0 48	5 6	2 31	10 34	0 48	20 54	0 23	12 7	17 8	15 25	15 13	10 19	10 35	0 20
W 7	21 21	0n 4	3 54	16 42	4 55	13 42	4 44	1 27	0 24	20 6	0 48	5 6	2 31	10 34	0 48	20 53	0 23	12 8	17 8	15 22	15 12	10 17	10 35	0 20
T 8	21 11	4 8	3 9	16 49	4 54	13 36	4 58	1 12	0 23	20 8	0 48	5 6	2 32	10 35	0 48	20 53	0 23	12 8	17 9	15 21	15 11	10 15	10 36	0 20
F 9	21 0	8 6	2 15	16 58	4 52	13 31	5 11	0 57	0 22	20 10	0 48	5 7	2 32	10 36	0 48	20 52	0 23	12 8	17 9	15 21	15 10	10 13	10 36	0 20
S 10	20 49	11 49	1 13	17 7	4 47	13 27	5 24	0 42	0 21	20 12	0 48	5 7	2 32	10 36	0 48	20 52	0 23	12 9	17 10	15 20	15 9	10 11	10 36	0 20
S 11	20 38	15 5	0 6	17 18	4 41	13 23	5 36	0 27	0 20	20 14	0 48	5 7	2 33	10 37	0 48	20 52	0 23	12 9	17 10	15 20	15 8	10 9	10 36	0 20
M12	20 26	17 41	1s 3	17 30	4 34	13 19	5 48	0 12	0 19	20 16	0 48	5 7	2 33	10 38	0 48	20 51	0 23	12 10	17 10	15 20	15 7	10 7	10 36	0 20
T 13	20 15	19 24	2 11	17 42	4 25	13 16	6 0	0s 4	0 19	20 18	0 48	5 7	2 33	10 38	0 48	20 51	0 23	12 10	17 11	15 20	15 6	10 5	10 36	0 20
W14	20 2	19 59	3 14	17 55	4 15	13 14	6 11	0 19	0 18	20 20	0 48	5 7	2 33	10 39	0 48	20 51	0 23	12 10	17 11	15 18	15 5	10 3	10 36	0 20
T 15	19 50	19 16	4 5	18 8	4 3	13 12	6 21	0 34	0 17	20 22	0 48	5 7	2 34	10 40	0 48	20 50	0 23	12 11	17 11	15 16	15 4	10 1	10 37	0 20
F 16	19 37	17 14	4 42	18 22	3 51	13 11	6 31	0 50	0 16	20 24	0 48	5 7	2 34	10 41	0 48	20 50	0 23	12 11	17 12	15 13	15 3	9 59	10 37	0 20
S 17	19 23	13 58	4 59	18 35	3 37	13 11	6 40	1 5	0 15	20 26	0 48	5 7	2 34	10 41	0 48	20 49	0 23	12 12	17 12	15 10	15 2	9 57	10 37	0 20
S 18	19 10	9 46	4 56	18 49	3 23	13 11	6 48	1 20	0 14	20 28	0 48	5 7	2 35	10 42	0 48	20 49	0 23	12 12	17 12	15 7	15 1	9 55	10 37	0 20
M19	18 56	4 58	4 31	19 2	3 8	13 11	6 55	1 36	0 13	20 29	0 48	5 7	2 35	10 43	0 48	20 49	0 23	12 13	17 13	15 4	15 0	9 53	10 37	0 20
T 20	18 42	0s 3	3 48	19 15	2 52	13 12	7 2	1 51	0 12	20 31	0 48	5 7	2 35	10 44	0 48	20 48	0 23	12 13	17 13	15 1	14 59	9 51	10 37	0 20
W21	18 27	4 57	2 52	19 28	2 37	13 14	7 8	2 6	0 12	20 33	0 48	5 7	2 35	10 44	0 48	20 48	0 23	12 14	17 13	15 0	14 58	9 49	10 37	0 19
T 22	18 12	9 26	1 46	19 39	2 21	13 15	7 13	2 22	0 11	20 34	0 48	5 7	2 36	10 45	0 48	20 47	0 23	12 14	17 14	14 59	14 57	9 48	10 37	0 19
F 23	17 57	13 16	0 37	19 50	2 4	13 18	7 17	2 37	0 10	20 36	0 48	5 6	2 36	10 46	0 48	20 47	0 23	12 15	17 14	14 59	14 56	9 46	10 36	0 19
S 24	17 42	16 20	0n33	19 59	1 48	13 20	7 21	2 53	0 9	20 38	0 48	5 6	2 36	10 47	0 48	20 47	0 23	12 15	17 14	14 59	14 55	9 44	10 36	0 19
S 25	17 26	18 29	1 39	20 7	1 32	13 24	7 24	3 8	0 8	20 39	0 48	5 6	2 36	10 47	0 48	20 46	0 23	12 16	17 15	14 59	14 54	9 42	10 36	0 19
M26	17 10	19 40	2 39	20 14	1 16	13 27	7 25	3 24	0 7	20 41	0 48	5 5	2 37	10 48	0 48	20 46	0 23	12 16	17 15	14 58	14 53	9 40	10 36	0 19
T 27	16 54	19 53	3 30	20 19	1 0	13 31	7 27	3 39	0 6	20 42	0 48	5 5	2 37	10 49	0 48	20 46	0 23	12 17	17 15	14 56	14 52	9 38	10 36	0 19
W28	16 37	19 9	4 11	20 22	0 45	13 35	7 27	3 55	0 6	20 44	0 48	5 4	2 37	10 50	0 48	20 45	0 23	12 17	17 16	14 54	14 51	9 36	10 36	0 19
T 29	16 20	17 35	4 40	20 22	0 30	13 39	7 27	4 11	0 5	20 45	0 48	5 4	2 38	10 51	0 48	20 45	0 23	12 18	17 16	14 51	14 50	9 34	10 36	0 19
F 30	16 3	15 15	4 56	20 21	0 15	13 43	7 26	4 26	0 4	20 47	0 48	5 3	2 38	10 51	0 48	20 44	0 23	12 18	17 16	14 47	14 49	9 32	10 35	0 19
S 31	15n46	12s18	4n59	20n17	0s 1	13n48	7s25	4s42	0n 3	20n48	0s48	5n 3	2s38	10s52	0s48	20n44	0s23	12s19	17s16	14s42	14s48	9s30	10n35	0n19

Julian Day Number = 2300160.5, Delta T = 110.56 sec
Ecliptic obliquity = 23°29'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'21, Lahiri = 18°04'22 Julian Calendar 1 July 1585 == Greg. Calendar 11 July 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

AUGUST 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 17 10	17♌59'01	24♒22	0♌58	25°R16	12♎36	7♊33	19°R 3	3°R47	25♋25	8°R55	9°R20	9♏49	21♒55	26°R37	S 1
M 2	21 21 7	18°56'41	6♓14	2°32	25♋ 3	13°14	7°42	19♈ 2	3♓45	25°27	8♈55	9♏ 7	9°46	22° 2	26♈37	M 2
T 3	21 25 3	19°54'23	18° 8	4°11	24°52	13°52	7°50	19° 1	3°43	25°29	8°54	8°57	9°43	22° 8	26°36	T 3
W 4	21 29 0	20°52'07	0♈ 4	5°54	24°44	14°31	7°58	18°59	3°40	25°31	8°53	8°49	9°40	22°15	26°35	W 4
T 5	21 32 56	21°49'52	12° 7	7°40	24°39	15° 9	8° 6	18°58	3°38	25°33	8°53	8°43	9°37	22°22	26°34	T 5
F 6	21 36 53	22°47'39	24°18	9°29	24°36	15°47	8°14	18°56	3°36	25°35	8°52	8°41	9°33	22°29	26°33	F 6
S 7	21 40 50	23°45'28	6♉43	11°21	24°D35	16°26	8°22	18°55	3°33	25°37	8°51	8°D40	9°30	22°35	26°33	S 7
S 8	21 44 46	24°43'18	19°25	13°14	24°36	17° 4	8°30	18°53	3°31	25°39	8°50	8°R40	9°27	22°42	26°32	S 8
M 9	21 48 43	25°41'11	2♊29	15°10	24°40	17°43	8°37	18°51	3°29	25°41	8°50	8°40	9°24	22°49	26°31	M 9
T 10	21 52 39	26°39'05	15°59	17° 6	24°46	18°22	8°45	18°49	3°26	25°43	8°49	8°39	9°21	22°55	26°30	T 10
W11	21 56 36	27°37'01	29°57	19° 4	24°55	19° 0	8°52	18°47	3°24	25°45	8°48	8°35	9°17	23° 2	26°28	W11
T 12	22 0 32	28°34'58	14♋24	21° 2	25° 5	19°39	8°59	18°45	3°22	25°47	8°47	8°29	9°14	23° 9	26°27	T 12
F 13	22 4 29	29°32'58	29°15	23° 1	25°18	20°18	9° 6	18°43	3°19	25°49	8°46	8°21	9°11	23°16	26°26	F 13
S 14	22 8 25	0♍30'59	14♌25	24°59	25°32	20°57	9°13	18°41	3°17	25°51	8°45	8°11	9° 8	23°22	26°25	S 14
S 15	22 12 22	1°29'02	29°43	26°58	25°49	21°37	9°19	18°39	3°14	25°53	8°45	8° 2	9° 5	23°29	26°23	S 15
M16	22 16 19	2°27'07	14♍58	28°56	26° 7	22°16	9°26	18°36	3°12	25°55	8°44	7°53	9° 2	23°36	26°22	M16
T 17	22 20 15	3°25'13	29°59	0♍53	26°27	22°55	9°32	18°34	3°10	25°57	8°43	7°46	8°58	23°42	26°21	T 17
W18	22 24 12	4°23'21	14♎39	2°50	26°49	23°35	9°38	18°31	3° 7	25°59	8°42	7°42	8°55	23°49	26°19	W18
T 19	22 28 8	5°21'30	28°52	4°46	27°13	24°14	9°44	18°28	3° 5	26° 0	8°41	7°40	8°52	23°56	26°18	T 19
F 20	22 32 5	6°19'41	12♏35	6°41	27°39	24°54	9°50	18°25	3° 2	26° 2	8°40	7°D39	8°49	24° 3	26°16	F 20
S 21	22 36 1	7°17'53	25°52	8°35	28° 6	25°34	9°56	18°22	3° 0	26° 4	8°39	7°40	8°46	24° 9	26°14	S 21
S 22	22 39 58	8°16'07	8♐44	10°28	28°34	26°13	10° 1	18°19	2°58	26° 6	8°38	7°R40	8°43	24°16	26°13	S 22
M23	22 43 54	9°14'22	21°16	12°20	29° 5	26°53	10° 7	18°16	2°55	26° 7	8°37	7°40	8°39	24°23	26°11	M23
T 24	22 47 51	10°12'39	3♑33	14°11	29°36	27°33	10°12	18°13	2°53	26° 9	8°36	7°37	8°36	24°29	26° 9	T 24
W25	22 51 48	11°10'58	15°38	16° 1	0♌ 9	28°13	10°17	18°10	2°51	26°11	8°35	7°32	8°33	24°36	26° 7	W25
T 26	22 55 44	12° 9'18	27°36	17°50	0°44	28°53	10°22	18° 7	2°48	26°13	8°34	7°24	8°30	24°43	26° 6	T 26
F 27	22 59 41	13° 7'39	9♒30	19°37	1°19	29°33	10°26	18° 3	2°46	26°14	8°33	7°15	8°27	24°50	26° 4	F 27
S 28	23 3 37	14° 6'03	21°22	21°24	1°56	0♏14	10°31	18° 0	2°44	26°16	8°32	7° 5	8°23	24°56	26° 2	S 28
S 29	23 7 34	15° 4'28	3♓15	23° 9	2°34	0°54	10°35	17°56	2°41	26°17	8°31	6°55	8°20	25° 3	26° 0	S 29
M30	23 11 30	16° 2'55	15°10	24°53	3°14	1°35	10°39	17°53	2°39	26°19	8°30	6°46	8°17	25°10	25°58	M30
T 31	23 15 27	17♍ 1'23	27♓ 9	26♍36	3♌54	2♏15	10♊43	17♈49	2♓37	26♋21	8♈29	6♏38	8♏14	25♒16	25♈56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
S 1	15n28	8s52	4n50	20n11	0n12	13n52	7s22	4s57	0n 2	20n49	0s48	5n 2	2s38	10s53	0s48	20n44	0s23	12s19	17s17	14s38	14s47	9s28	10n35	0n19
M 2	15 11	5 6	4 27	20 2	0 24	13 57	7 20	5 13	0 1	20 51	0 48	5 1	2 39	10 54	0 48	20 43	0 23	12 20	17 17	14 34	14 46	9 26	10 35	0 19
T 3	14 53	1 7	3 54	19 50	0 36	14 2	7 17	5 28	0 1	20 52	0 48	5 1	2 39	10 55	0 48	20 43	0 23	12 20	17 17	14 31	14 45	9 24	10 34	0 19
W 4	14 34	2n55	3 9	19 35	0 47	14 7	7 13	5 44	0s 0	20 53	0 48	5 0	2 39	10 56	0 48	20 43	0 23	12 21	17 18	14 28	14 44	9 22	10 34	0 19
T 5	14 16	6 53	2 16	19 18	0 57	14 12	7 9	6 0	0 1	20 55	0 48	4 59	2 39	10 57	0 48	20 42	0 23	12 21	17 18	14 26	14 43	9 20	10 34	0 19
F 6	13 57	10 37	1 15	18 58	1 6	14 17	7 4	6 15	0 2	20 56	0 49	4 58	2 40	10 57	0 48	20 42	0 23	12 22	17 18	14 25	14 42	9 18	10 33	0 18
S 7	13 38	13 57	0 10	18 36	1 14	14 22	6 59	6 31	0 3	20 57	0 49	4 57	2 40	10 58	0 48	20 41	0 23	12 22	17 18	14 25	14 41	9 16	10 33	0 18
S 8	13 19	16 43	0s57	18 10	1 21	14 27	6 54	6 46	0 3	20 58	0 49	4 57	2 40	10 59	0 48	20 41	0 23	12 23	17 19	14 25	14 40	9 14	10 32	0 18
M 9	12 59	18 42	2 3	17 43	1 27	14 32	6 48	7 2	0 4	20 59	0 49	4 56	2 40	11 0	0 48	20 41	0 23	12 23	17 19	14 25	14 39	9 12	10 32	0 18
T 10	12 39	19 42	3 4	17 13	1 32	14 37	6 42	7 17	0 5	21 0	0 49	4 55	2 41	11 1	0 48	20 40	0 23	12 24	17 19	14 25	14 38	9 10	10 31	0 18
W11	12 20	19 32	3 57	16 40	1 37	14 42	6 36	7 33	0 6	21 1	0 49	4 54	2 41	11 2	0 48	20 40	0 23	12 25	17 19	14 24	14 37	9 8	10 31	0 18
T 12	12 0	18 8	4 37	16 6	1 40	14 46	6 30	7 48	0 6	21 2	0 49	4 53	2 41	11 3	0 48	20 40	0 23	12 25	17 20	14 22	14 36	9 7	10 31	0 18
F 13	11 39	15 29	4 59	15 30	1 43	14 50	6 23	8 4	0 7	21 3	0 49	4 52	2 41	11 3	0 48	20 39	0 23	12 26	17 20	14 19	14 35	9 5	10 30	0 18
S 14	11 19	11 44	5 1	14 52	1 45	14 55	6 16	8 19	0 8	21 4	0 49	4 51	2 42	11 4	0 48	20 39	0 23	12 26	17 20	14 16	14 34	9 3	10 29	0 18
S 15	10 58	7 12	4 41	14 13	1 46	14 59	6 9	8 35	0 9	21 5	0 49	4 49	2 42	11 5	0 48	20 39	0 23	12 27	17 20	14 13	14 33	9 1	10 29	0 18
M16	10 37	2 13	4 2	13 32	1 47	15 2	6 2	8 50	0 9	21 6	0 49	4 48	2 42	11 6	0 48	20 38	0 23	12 27	17 21	14 10	14 32	8 59	10 28	0 18
T 17	10 16	2s51	3 6	12 50	1 46	15 6	5 55	9 5	0 10	21 7	0 49	4 47	2 42	11 7	0 48	20 38	0 23	12 28	17 21	14 8	14 31	8 57	10 28	0 18
W18	9 55	7 37	1 59	12 8	1 46	15 9	5 47	9 21	0 11	21 8	0 49	4 46	2 43	11 8	0 48	20 38	0 23	12 28	17 21	14 6	14 30	8 55	10 27	0 18
T 19	9 34	11 49	0 47	11 24	1 44	15 12	5 40	9 36	0 12	21 9	0 49	4 45	2 43	11 9	0 48	20 37	0 23	12 29	17 21	14 6	14 29	8 53	10 27	0 18
F 20	9 13	15 14	0n26	10 39	1 42	15 15	5 32	9 51	0 12	21 10	0 49	4 43	2 43	11 10	0 48	20 37	0 23	12 30	17 22	14 6	14 28	8 51	10 26	0 17
S 21	8 51	17 43	1 36	9 54	1 39	15 17	5 25	10 6	0 13	21 10	0 49	4 42	2 43	11 10	0 48	20 37	0 23	12 30	17 22	14 6	14 27	8 49	10 25	0 17
S 22	8 29	19 12	2 38	9 9	1 36	15 19	5 17	10 22	0 14	21 11	0 49	4 41	2 43	11 11	0 48	20 36	0 23	12 31	17 22	14 6	14 26	8 47	10 25	0 17
M23	8 7	19 41	3 31	8 22	1 33	15 21	5 9	10 37	0 15	21 12	0 49	4 39	2 44	11 12	0 48	20 36	0 23	12 31	17 22	14 6	14 25	8 45	10 24	0 17
T 24	7 45	19 13	4 13	7 36	1 29	15 22	5 1	10 52	0 15	21 13	0 49	4 38	2 44	11 13	0 48	20 36	0 23	12 32	17 22	14 5	14 24	8 43	10 23	0 17
W25	7 23	17 53	4 44	6 49	1 24	15 23	4 53	11 7	0 16	21 13	0 50	4 37	2 44	11 14	0 48	20 35	0 23	12 32	17 22	14 3	14 23	8 41	10 22	0 17
T 26	7 1	15 46	5 1	6 3	1 20	15 24	4 45	11 22	0 17	21 14	0 50	4 35	2 44	11 15	0 48	20 35	0 23	12 33	17 23	14 1	14 22	8 39	10 22	0 17
F 27	6 39	13 1	5 5	5 16	1 15	15 24	4 37	11 37	0 17	21 15	0 50	4 34	2 44	11 16	0 48	20 35	0 23	12 33	17 23	13 58	14 21	8 37	10 21	0 17
S 28	6 16	9 44	4 56	4 29	1 9	15 23	4 30	11 52	0 18	21 15	0 50	4 32	2 45	11 16	0 48	20 34	0 23	12 34	17 23	13 55	14 20	8 35	10 20	0 17
S 29	5 54	6 4	4 34	3 42	1 4	15 23	4 22	12 6	0 19	21 16	0 50	4 31	2 45	11 17	0 48	20 34	0 23	12 34	17 23	13 51	14 19	8 33	10 19	0 17
M30	5 31	2 10	4 0	2 55	0 58	15 22	4 14	12 21	0 19	21 16	0 50	4 29	2 45	11 18	0 48	20 34	0 23	12 35	17 23	13 48	14 18	8 31	10 19	0 17
T 31	5n 8	1n51	3n15	2n 9	0n52	15n20	4s 6	12s36	0s20	21n17	0s50	4n28	2s45	11s19	0s48	20n33	0s23	12s36	17s23	13s46	14s17	8s29	10n18	0n17

Julian Day Number = 2300191.5, Delta T = 110.42 sec
Ecliptic obliquity = 23°29'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'26, Lahiri = 18°04'26 Julian Calendar 1 Aug. 1585 == Greg. Calendar 11 Aug. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

SEPTEMBER 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 19 23	17♍59'54	9♈13	28♍19	4♌36	2♏56	10♊47	17°R45	2°R34	26♋22	8°R28	6°R32	8♏11	25♒23	25°R53	W 1
T 2	23 23 20	18°58'27	21°24	29°59	5°18	3°36	10°50	17♈42	2♓32	26°24	8♈27	6♏29	8° 8	25°30	25♈51	T 2
F 3	23 27 16	19°57'02	3♉45	1♎40	6° 2	4°17	10°54	17°38	2°30	26°25	8°26	6°D28	8° 4	25°37	25°49	F 3
S 4	23 31 13	20°55'39	16°17	3°19	6°46	4°58	10°57	17°34	2°28	26°27	8°24	6°28	8° 1	25°43	25°47	S 4
S 5	23 35 10	21°54'19	29° 5	4°57	7°32	5°39	11° 0	17°30	2°25	26°28	8°23	6°29	7°58	25°50	25°45	S 5
M 6	23 39 6	22°53'00	12♊10	6°34	8°18	6°20	11° 3	17°26	2°23	26°29	8°22	6°31	7°55	25°57	25°42	M 6
T 7	23 43 3	23°51'44	25°36	8°10	9° 6	7° 1	11° 6	17°22	2°21	26°31	8°21	6°R31	7°52	26° 3	25°40	T 7
W 8	23 46 59	24°50'30	9♋26	9°45	9°54	7°42	11° 8	17°17	2°19	26°32	8°20	6°30	7°49	26°10	25°38	W 8
T 9	23 50 56	25°49'19	23°39	11°19	10°43	8°23	11°10	17°13	2°17	26°34	8°19	6°27	7°45	26°17	25°35	T 9
F 10	23 54 52	26°48'10	8♌14	12°52	11°33	9° 5	11°12	17° 9	2°14	26°35	8°18	6°23	7°42	26°24	25°33	F 10
S 11	23 58 49	27°47'03	23° 7	14°24	12°23	9°46	11°14	17° 5	2°12	26°36	8°17	6°18	7°39	26°30	25°30	S 11
S 12	0 2 45	28°45'58	8♍10	15°56	13°15	10°27	11°16	17° 0	2°10	26°37	8°15	6°12	7°36	26°37	25°28	S 12
M13	0 6 42	29°44'55	23°15	17°26	14° 7	11° 9	11°17	16°56	2° 8	26°39	8°14	6° 7	7°33	26°44	25°25	M13
T 14	0 10 39	0♎43'55	8♎10	18°56	14°59	11°51	11°19	16°51	2° 6	26°40	8°13	6° 3	7°29	26°50	25°23	T 14
W15	0 14 35	1°42'56	22°49	20°24	15°53	12°32	11°20	16°47	2° 4	26°41	8°12	6° 0	7°26	26°57	25°20	W15
T 16	0 18 32	2°42'00	7♏ 5	21°52	16°47	13°14	11°21	16°42	2° 2	26°42	8°11	6°D 0	7°23	27° 4	25°17	T 16
F 17	0 22 28	3°41'05	20°55	23°19	17°41	13°56	11°21	16°38	2° 0	26°43	8°10	6° 1	7°20	27°11	25°15	F 17
S 18	0 26 25	4°40'12	4♐18	24°45	18°36	14°38	11°22	16°33	1°58	26°44	8° 8	6° 2	7°17	27°17	25°12	S 18
S 19	0 30 21	5°39'21	17°16	26°10	19°32	15°20	11°22	16°29	1°57	26°45	8° 7	6° 4	7°14	27°24	25° 9	S 19
M20	0 34 18	6°38'32	29°52	27°33	20°28	16° 2	11°R22	16°24	1°55	26°46	8° 6	6° 5	7°10	27°31	25° 6	M20
T 21	0 38 14	7°37'45	12♑10	28°56	21°25	16°44	11°22	16°19	1°53	26°47	8° 5	6°R 5	7° 7	27°37	25° 4	T 21
W22	0 42 11	8°36'59	24°15	0♏18	22°22	17°27	11°22	16°15	1°51	26°48	8° 4	6° 4	7° 4	27°44	25° 1	W22
T 23	0 46 8	9°36'16	6♒12	1°39	23°20	18° 9	11°21	16°10	1°49	26°49	8° 3	6° 1	7° 1	27°51	24°58	T 23
F 24	0 50 4	10°35'34	18° 5	2°58	24°18	18°51	11°21	16° 5	1°48	26°50	8° 1	5°58	6°58	27°58	24°55	F 24
S 25	0 54 1	11°34'53	29°57	4°17	25°17	19°34	11°20	16° 0	1°46	26°51	8° 0	5°54	6°54	28° 4	24°53	S 25
S 26	0 57 57	12°34'15	11♓51	5°34	26°16	20°16	11°19	15°56	1°44	26°52	7°59	5°50	6°51	28°11	24°50	S 26
M27	1 1 54	13°33'39	23°51	6°49	27°16	20°59	11°17	15°51	1°43	26°53	7°58	5°46	6°48	28°18	24°47	M27
T 28	1 5 50	14°33'04	5♈58	8° 4	28°16	21°42	11°16	15°46	1°41	26°53	7°57	5°43	6°45	28°24	24°44	T 28
W29	1 9 47	15°32'32	18°14	9°16	29°17	22°24	11°14	15°41	1°40	26°54	7°56	5°41	6°42	28°31	24°41	W29
T 30	1 13 43	16♎32'02	0♉40	10♏27	0♍18	23♏ 7	11♊12	15♈37	1♓38	26♋55	7♈54	5°D40	6♏39	28♒38	24♈38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n45	5n50	2n21	1n22	0n46	15n18	3s58	12s50	0s21	21n17	0s50	4n26	2s45	11s20	0s48	20n33	0s23	12s36	17s24	13s44	14s16	8s27	10n17	0n17
T 2	4 22	9 36	1 20	0 36	0 39	15 16	3 50	13 5	0 22	21 18	0 50	4 25	2 45	11 20	0 48	20 33	0 23	12 37	17 24	13 43	14 15	8 25	10 16	0 17
F 3	3 59	13 1	0 15	0s10	0 33	15 13	3 42	13 19	0 22	21 18	0 50	4 23	2 46	11 21	0 48	20 33	0 23	12 37	17 24	13 42	14 14	8 23	10 15	0 16
S 4	3 36	15 54	0s53	0 55	0 26	15 10	3 34	13 34	0 23	21 18	0 50	4 21	2 46	11 22	0 48	20 32	0 23	12 38	17 24	13 42	14 13	8 21	10 14	0 16
S 5	3 13	18 3	1 59	1 41	0 19	15 6	3 27	13 48	0 24	21 19	0 50	4 20	2 46	11 23	0 48	20 32	0 23	12 38	17 24	13 43	14 12	8 19	10 13	0 16
M 6	2 50	19 18	3 1	2 26	0 12	15 2	3 19	14 2	0 24	21 19	0 50	4 18	2 46	11 24	0 48	20 32	0 23	12 39	17 24	13 43	14 11	8 17	10 12	0 16
T 7	2 27	19 30	3 55	3 10	0 5	14 57	3 11	14 17	0 25	21 19	0 50	4 16	2 46	11 24	0 48	20 31	0 23	12 39	17 24	13 43	14 10	8 15	10 12	0 16
W 8	2 3	18 34	4 36	3 54	0s 2	14 52	3 3	14 31	0 26	21 20	0 50	4 15	2 46	11 25	0 48	20 31	0 23	12 40	17 24	13 43	14 9	8 13	10 11	0 16
T 9	1 40	16 27	5 3	4 38	0 10	14 46	2 56	14 45	0 26	21 20	0 50	4 13	2 46	11 26	0 48	20 31	0 23	12 40	17 24	13 42	14 8	8 11	10 10	0 16
F 10	1 16	13 15	5 10	5 21	0 17	14 40	2 48	14 59	0 27	21 20	0 50	4 11	2 47	11 27	0 48	20 31	0 23	12 41	17 24	13 41	14 7	8 9	10 9	0 16
S 11	0 53	9 10	4 57	6 4	0 24	14 33	2 41	15 12	0 27	21 20	0 51	4 9	2 47	11 27	0 48	20 30	0 23	12 41	17 25	13 39	14 6	8 7	10 8	0 16
S 12	0 30	4 27	4 24	6 46	0 32	14 26	2 33	15 26	0 28	21 21	0 51	4 8	2 47	11 28	0 48	20 30	0 23	12 42	17 25	13 37	14 4	8 5	10 7	0 16
M13	0 6	0s33	3 32	7 28	0 39	14 18	2 26	15 40	0 29	21 21	0 51	4 6	2 47	11 29	0 48	20 30	0 23	12 42	17 25	13 35	14 3	8 3	10 6	0 16
T 14	0s18	5 29	2 26	8 9	0 46	14 10	2 19	15 53	0 29	21 21	0 51	4 4	2 47	11 30	0 48	20 30	0 23	12 43	17 25	13 34	14 2	8 1	10 5	0 16
W15	0 41	10 0	1 11	8 49	0 54	14 1	2 12	16 7	0 30	21 21	0 51	4 2	2 47	11 30	0 48	20 30	0 23	12 43	17 25	13 33	14 1	8 0	10 4	0 16
T 16	1 5	13 49	0n 6	9 29	1 1	13 52	2 4	16 20	0 31	21 21	0 51	4 0	2 47	11 31	0 48	20 29	0 23	12 44	17 25	13 33	14 0	7 58	10 3	0 15
F 17	1 28	16 44	1 21	10 8	1 8	13 42	1 57	16 33	0 31	21 21	0 51	3 59	2 47	11 32	0 48	20 29	0 23	12 44	17 25	13 33	13 59	7 56	10 2	0 15
S 18	1 52	18 37	2 29	10 46	1 15	13 32	1 50	16 46	0 32	21 21	0 51	3 57	2 47	11 32	0 48	20 29	0 23	12 45	17 25	13 34	13 58	7 54	10 0	0 15
S 19	2 15	19 27	3 27	11 24	1 23	13 21	1 43	16 59	0 32	21 21	0 51	3 55	2 47	11 33	0 48	20 29	0 23	12 45	17 25	13 34	13 57	7 52	9 59	0 15
M20	2 39	19 16	4 13	12 1	1 30	13 10	1 36	17 12	0 33	21 21	0 51	3 53	2 47	11 34	0 48	20 28	0 23	12 46	17 25	13 35	13 56	7 50	9 58	0 15
T 21	3 2	18 10	4 47	12 38	1 37	12 59	1 30	17 25	0 34	21 21	0 51	3 51	2 48	11 34	0 48	20 28	0 23	12 46	17 25	13 35	13 55	7 48	9 57	0 15
W22	3 25	16 16	5 7	13 13	1 44	12 47	1 23	17 37	0 34	21 21	0 51	3 49	2 48	11 35	0 48	20 28	0 23	12 47	17 25	13 34	13 54	7 46	9 56	0 15
T 23	3 49	13 42	5 14	13 48	1 50	12 34	1 16	17 50	0 35	21 21	0 51	3 48	2 48	11 35	0 48	20 28	0 23	12 47	17 25	13 33	13 53	7 44	9 55	0 15
F 24	4 12	10 35	5 7	14 22	1 57	12 21	1 10	18 2	0 35	21 21	0 51	3 46	2 48	11 36	0 48	20 28	0 23	12 47	17 25	13 32	13 52	7 42	9 54	0 15
S 25	4 35	7 2	4 47	14 54	2 3	12 7	1 3	18 14	0 36	21 21	0 51	3 44	2 48	11 37	0 48	20 28	0 23	12 48	17 25	13 31	13 51	7 40	9 53	0 15
S 26	4 59	3 13	4 14	15 26	2 10	11 53	0 57	18 26	0 37	21 20	0 51	3 42	2 48	11 37	0 48	20 27	0 23	12 48	17 25	13 30	13 50	7 38	9 52	0 15
M27	5 22	0n46	3 30	15 57	2 16	11 39	0 51	18 38	0 37	21 20	0 51	3 40	2 48	11 38	0 48	20 27	0 23	12 49	17 25	13 28	13 49	7 36	9 51	0 15
T 28	5 45	4 46	2 36	16 27	2 21	11 24	0 45	18 50	0 38	21 20	0 51	3 38	2 48	11 38	0 48	20 27	0 23	12 49	17 25	13 27	13 48	7 34	9 49	0 14
W29	6 8	8 38	1 35	16 56	2 27	11 9	0 39	19 2	0 38	21 20	0 51	3 36	2 48	11 39	0 48	20 27	0 23	12 50	17 25	13 27	13 47	7 32	9 48	0 14
T 30	6s31	12n10	0n28	17s24	2s32	10n53	0s33	19s13	0s39	21n19	0s51	3n35	2s48	11s39	0s48	20n27	0s23	12s50	17s25	13s26	13s46	7s30	9n47	0n14

Julian Day Number = 2300222.5, Delta T = 110.28 sec
Ecliptic obliquity = 23°29'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'30, Lahiri = 18°04'30 Julian Calendar 1 Sept. 1585 == Greg. Calendar 11 Sept. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

OCTOBER 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 17 40	17♎31'33	13♉18	11♏37	1♍19	23♏50	11°R10	15°R32	1°R37	26♋56	7°R53	5♏40	6♏35	28♒45	24°R35	F 1
S 2	1 21 36	18°31'07	26° 7	12°44	2°21	24°33	11♊ 8	15♈27	1♓35	26°56	7♈52	5°41	6°32	28°51	24♈32	S 2
S 3	1 25 33	19°30'44	9♊10	13°49	3°23	25°16	11° 5	15°22	1°34	26°57	7°51	5°42	6°29	28°58	24°29	S 3
M 4	1 29 30	20°30'22	22°26	14°52	4°26	25°59	11° 2	15°18	1°33	26°57	7°50	5°44	6°26	29° 5	24°26	M 4
T 5	1 33 26	21°30'03	5♋59	15°52	5°28	26°42	10°59	15°13	1°31	26°58	7°49	5°45	6°23	29°11	24°24	T 5
W 6	1 37 23	22°29'46	19°47	16°49	6°32	27°26	10°56	15° 8	1°30	26°58	7°48	5°R45	6°20	29°18	24°21	W 6
T 7	1 41 19	23°29'32	3♌51	17°43	7°35	28° 9	10°53	15° 3	1°29	26°59	7°47	5°45	6°16	29°25	24°18	T 7
F 8	1 45 16	24°29'20	18° 9	18°34	8°39	28°52	10°50	14°59	1°28	26°59	7°45	5°44	6°13	29°32	24°15	F 8
S 9	1 49 12	25°29'10	2♍39	19°20	9°43	29°36	10°46	14°54	1°27	27° 0	7°44	5°43	6°10	29°38	24°12	S 9
S 10	1 53 9	26°29'02	17°17	20° 3	10°48	0♐19	10°42	14°50	1°26	27° 0	7°43	5°42	6° 7	29°45	24° 9	S 10
M11	1 57 5	27°28'56	1♎56	20°41	11°53	1° 3	10°38	14°45	1°24	27° 0	7°42	5°41	6° 4	29°52	24° 6	M11
T 12	2 1 2	28°28'53	16°31	21°13	12°58	1°47	10°34	14°40	1°23	27° 1	7°41	5°40	6° 0	29°58	24° 3	T 12
W13	2 4 59	29°28'51	0♏54	21°40	14° 3	2°30	10°29	14°36	1°23	27° 1	7°40	5°D40	5°57	0♓ 5	24° 0	W13
T 14	2 8 55	0♏28'52	15° 1	22° 0	15° 9	3°14	10°25	14°31	1°22	27° 1	7°39	5°40	5°54	0°12	23°57	T 14
F 15	2 12 52	1°28'54	28°48	22°13	16°15	3°58	10°20	14°27	1°21	27° 1	7°38	5°40	5°51	0°19	23°54	F 15
S 16	2 16 48	2°28'58	12♐12	22°R19	17°21	4°42	10°15	14°22	1°20	27° 2	7°37	5°41	5°48	0°25	23°51	S 16
S 17	2 20 45	3°29'04	25°13	22°16	18°27	5°26	10°10	14°18	1°19	27° 2	7°36	5°41	5°45	0°32	23°48	S 17
M18	2 24 41	4°29'11	7♑53	22° 5	19°34	6°10	10° 5	14°14	1°19	27° 2	7°35	5°41	5°41	0°39	23°46	M18
T 19	2 28 38	5°29'21	20°14	21°44	20°41	6°54	9°59	14° 9	1°18	27° 2	7°34	5°R41	5°38	0°45	23°43	T 19
W20	2 32 34	6°29'31	2♒22	21°13	21°48	7°38	9°54	14° 5	1°17	27°R 2	7°33	5°D41	5°35	0°52	23°40	W20
T 21	2 36 31	7°29'43	14°20	20°33	22°55	8°23	9°48	14° 1	1°17	27° 2	7°32	5°41	5°32	0°59	23°37	T 21
F 22	2 40 28	8°29'57	26°12	19°43	24° 3	9° 7	9°42	13°57	1°16	27° 2	7°31	5°41	5°29	1° 6	23°34	F 22
S 23	2 44 24	9°30'12	8♓ 5	18°44	25°10	9°51	9°36	13°53	1°16	27° 2	7°30	5°42	5°26	1°12	23°31	S 23
S 24	2 48 21	10°30'29	20° 1	17°38	26°18	10°36	9°30	13°49	1°15	27° 2	7°29	5°42	5°22	1°19	23°29	S 24
M25	2 52 17	11°30'47	2♈ 4	16°24	27°26	11°20	9°23	13°45	1°15	27° 2	7°28	5°43	5°19	1°26	23°26	M25
T 26	2 56 14	12°31'07	14°19	15° 7	28°35	12° 5	9°17	13°41	1°15	27° 1	7°27	5°43	5°16	1°32	23°23	T 26
W27	3 0 10	13°31'28	26°47	13°46	29°43	12°50	9°10	13°37	1°14	27° 1	7°26	5°44	5°13	1°39	23°20	W27
T 28	3 4 7	14°31'51	9♉30	12°27	0♎52	13°34	9° 3	13°34	1°14	27° 1	7°25	5°R44	5°10	1°46	23°18	T 28
F 29	3 8 3	15°32'16	22°28	11°10	2° 1	14°19	8°56	13°30	1°14	27° 1	7°24	5°43	5° 6	1°52	23°15	F 29
S 30	3 12 0	16°32'43	5♊41	9°59	3°10	15° 4	8°49	13°26	1°14	27° 0	7°23	5°42	5° 3	1°59	23°12	S 30
S 31	3 15 57	17♏33'11	19♊ 9	8♏55	4♎19	15♐49	8♊42	13♈23	1♓14	27♋ 0	7♈23	5♏41	5♏ 0	2♓ 6	23♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s54	15n12	0s42	17s51	2s37	10n37	0s27	19s24	0s39	21n19	0s51	3n33	2s48	11s40	0s47	20n27	0s23	12s50	17s25	13s26	13s45	7s28	9n46	0n14
S 2	7 16	17 32	1 51	18 16	2 42	10 20	0 21	19 36	0 40	21 19	0 51	3 31	2 48	11 40	0 47	20 27	0 23	12 51	17 25	13 27	13 44	7 26	9 45	0 14
S 3	7 39	19 0	2 55	18 40	2 46	10 3	0 15	19 47	0 40	21 18	0 51	3 29	2 48	11 41	0 47	20 26	0 23	12 51	17 24	13 27	13 43	7 24	9 44	0 14
M 4	8 2	19 26	3 51	19 2	2 50	9 45	0 10	19 57	0 41	21 18	0 51	3 27	2 48	11 41	0 47	20 26	0 23	12 51	17 24	13 28	13 42	7 22	9 43	0 14
T 5	8 24	18 47	4 35	19 24	2 54	9 27	0 4	20 8	0 42	21 17	0 51	3 26	2 48	11 42	0 47	20 26	0 23	12 52	17 24	13 28	13 41	7 20	9 41	0 14
W 6	8 46	17 0	5 4	19 43	2 57	9 9	0n 1	20 19	0 42	21 17	0 52	3 24	2 48	11 42	0 47	20 26	0 23	12 52	17 24	13 28	13 39	7 18	9 40	0 14
T 7	9 9	14 12	5 16	20 1	2 59	8 50	0 6	20 29	0 43	21 16	0 52	3 22	2 48	11 42	0 47	20 26	0 23	12 53	17 24	13 28	13 38	7 16	9 39	0 14
F 8	9 31	10 31	5 9	20 17	3 1	8 31	0 11	20 39	0 43	21 16	0 52	3 20	2 48	11 43	0 47	20 26	0 23	12 53	17 24	13 28	13 37	7 14	9 38	0 14
S 9	9 53	6 9	4 42	20 31	3 2	8 12	0 16	20 49	0 44	21 15	0 52	3 19	2 47	11 43	0 47	20 26	0 23	12 53	17 24	13 27	13 36	7 12	9 37	0 14
S 10	10 14	1 24	3 57	20 43	3 3	7 52	0 21	20 59	0 44	21 15	0 52	3 17	2 47	11 44	0 47	20 26	0 23	12 53	17 24	13 27	13 35	7 10	9 36	0 13
M11	10 36	3s28	2 56	20 53	3 2	7 32	0 26	21 8	0 45	21 14	0 52	3 15	2 47	11 44	0 47	20 26	0 23	12 54	17 24	13 27	13 34	7 8	9 34	0 13
T 12	10 57	8 7	1 44	21 1	3 1	7 11	0 31	21 18	0 45	21 14	0 52	3 13	2 47	11 44	0 47	20 26	0 23	12 54	17 24	13 26	13 33	7 6	9 33	0 13
W13	11 19	12 14	0 26	21 6	2 59	6 50	0 36	21 27	0 46	21 13	0 52	3 12	2 47	11 45	0 47	20 26	0 23	12 54	17 23	13 26	13 32	7 4	9 32	0 13
T 14	11 40	15 33	0n52	21 8	2 55	6 29	0 40	21 36	0 46	21 12	0 52	3 10	2 47	11 45	0 47	20 26	0 23	12 55	17 23	13 26	13 31	7 2	9 31	0 13
F 15	12 1	17 54	2 5	21 7	2 51	6 7	0 44	21 45	0 47	21 12	0 52	3 8	2 47	11 45	0 47	20 26	0 23	12 55	17 23	13 26	13 30	7 0	9 30	0 13
S 16	12 22	19 11	3 9	21 3	2 45	5 45	0 49	21 54	0 47	21 11	0 52	3 7	2 47	11 45	0 47	20 26	0 23	12 55	17 23	13 27	13 29	6 58	9 29	0 13
S 17	12 42	19 23	4 2	20 55	2 38	5 23	0 53	22 2	0 48	21 10	0 52	3 5	2 47	11 46	0 47	20 25	0 23	12 55	17 23	13 27	13 28	6 56	9 27	0 13
M18	13 3	18 35	4 41	20 43	2 29	5 1	0 57	22 10	0 48	21 10	0 52	3 4	2 47	11 46	0 47	20 25	0 23	12 56	17 23	13 27	13 27	6 54	9 26	0 13
T 19	13 23	16 55	5 6	20 28	2 19	4 38	1 1	22 18	0 48	21 9	0 52	3 2	2 47	11 46	0 47	20 25	0 23	12 56	17 22	13 27	13 26	6 52	9 25	0 13
W20	13 43	14 32	5 17	20 8	2 7	4 15	1 5	22 26	0 49	21 8	0 52	3 1	2 46	11 46	0 47	20 25	0 23	12 56	17 22	13 27	13 25	6 50	9 24	0 13
T 21	14 2	11 33	5 14	19 44	1 53	3 52	1 9	22 34	0 49	21 7	0 51	2 59	2 46	11 46	0 47	20 25	0 23	12 56	17 22	13 27	13 24	6 48	9 23	0 12
F 22	14 22	8 9	4 57	19 16	1 37	3 29	1 12	22 41	0 50	21 6	0 51	2 58	2 46	11 46	0 47	20 25	0 23	12 57	17 22	13 27	13 23	6 46	9 22	0 12
S 23	14 41	4 25	4 28	18 43	1 20	3 5	1 16	22 48	0 50	21 5	0 51	2 56	2 46	11 47	0 47	20 25	0 23	12 57	17 22	13 27	13 22	6 44	9 21	0 12
S 24	15 0	0 29	3 47	18 7	1 2	2 41	1 19	22 55	0 51	21 5	0 51	2 55	2 46	11 47	0 47	20 25	0 23	12 57	17 21	13 27	13 20	6 42	9 20	0 12
M25	15 19	3n31	2 56	17 27	0 42	2 17	1 22	23 2	0 51	21 4	0 51	2 53	2 46	11 47	0 47	20 26	0 23	12 57	17 21	13 27	13 19	6 40	9 18	0 12
T 26	15 38	7 26	1 56	16 45	0 22	1 52	1 25	23 8	0 52	21 3	0 51	2 52	2 46	11 47	0 47	20 26	0 23	12 57	17 21	13 27	13 18	6 38	9 17	0 12
W27	15 56	11 7	0 49	16 2	0 1	1 28	1 29	23 15	0 52	21 2	0 51	2 51	2 45	11 47	0 47	20 26	0 23	12 57	17 21	13 28	13 17	6 36	9 16	0 12
T 28	16 14	14 21	0s21	15 18	0n19	1 3	1 31	23 21	0 52	21 1	0 51	2 49	2 45	11 47	0 47	20 26	0 23	12 58	17 21	13 28	13 16	6 34	9 15	0 12
F 29	16 32	16 57	1 31	14 36	0 39	0 38	1 34	23 26	0 53	21 0	0 51	2 48	2 45	11 47	0 47	20 26	0 23	12 58	17 20	13 27	13 15	6 32	9 14	0 12
S 30	16 49	18 42	2 38	13 55	0 58	0 13	1 37	23 32	0 53	20 59	0 51	2 47	2 45	11 47	0 46	20 26	0 23	12 58	17 20	13 27	13 14	6 30	9 13	0 12
S 31	17s 6	19n26	3s38	13s18	1n16	0s12	1n40	23s37	0s54	20n58	0s51	2n46	2s45	11s47	0s46	20n26	0s23	12s58	17s20	13s27	13s13	6s28	9n12	0n12

Julian Day Number = 2300252.5, Delta T = 110.14 sec
Ecliptic obliquity = 23°29'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'34, Lahiri = 18°04'34 Julian Calendar 1 Oct. 1585 == Greg. Calendar 11 Oct. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

NOVEMBER 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 19 53	18♏33'41	2♋49	8°R 1	5♎29	16♐34	8°R35	13°R19	1°D14	27°R 0	7°R22	5°R39	4♏57	2♓13	23°R 7	M 1
T 2	3 23 50	19°34'12	16°39	7♏17	6°38	17°19	8♊28	13♈16	1♓14	26♋59	7♈21	5♏38	4°54	2°19	23♈ 4	T 2
W 3	3 27 46	20°34'46	0♌39	6°45	7°48	18° 4	8°20	13°13	1°14	26°59	7°20	5°36	4°51	2°26	23° 2	W 3
T 4	3 31 43	21°35'21	14°44	6°24	8°58	18°49	8°13	13° 9	1°14	26°58	7°19	5°35	4°47	2°33	22°59	T 4
F 5	3 35 39	22°35'58	28°54	6°D15	10° 8	19°34	8° 5	13° 6	1°14	26°58	7°18	5°D35	4°44	2°39	22°57	F 5
S 6	3 39 36	23°36'37	13♍ 7	6°18	11°18	20°19	7°58	13° 3	1°15	26°57	7°18	5°36	4°41	2°46	22°55	S 6
S 7	3 43 32	24°37'18	27°20	6°30	12°29	21° 4	7°50	13° 0	1°15	26°57	7°17	5°37	4°38	2°53	22°52	S 7
M 8	3 47 29	25°38'00	11♎30	6°53	13°39	21°50	7°42	12°57	1°15	26°56	7°16	5°39	4°35	3° 0	22°50	M 8
T 9	3 51 26	26°38'44	25°36	7°24	14°50	22°35	7°34	12°55	1°16	26°55	7°16	5°40	4°31	3° 6	22°47	T 9
W10	3 55 22	27°39'29	9♏33	8° 3	16° 1	23°21	7°26	12°52	1°16	26°55	7°15	5°R40	4°28	3°13	22°45	W10
T 11	3 59 19	28°40'16	23°19	8°49	17°12	24° 6	7°18	12°49	1°17	26°54	7°14	5°39	4°25	3°20	22°43	T 11
F 12	4 3 15	29°41'04	6♐50	9°42	18°23	24°52	7°10	12°47	1°17	26°53	7°14	5°37	4°22	3°26	22°41	F 12
S 13	4 7 12	0♐41'54	20° 4	10°40	19°34	25°37	7° 2	12°45	1°18	26°53	7°13	5°33	4°19	3°33	22°38	S 13
S 14	4 11 8	1°42'44	3♑ 1	11°42	20°45	26°23	6°54	12°42	1°19	26°52	7°12	5°29	4°16	3°40	22°36	S 14
M15	4 15 5	2°43'36	15°40	12°49	21°57	27° 9	6°46	12°40	1°19	26°51	7°12	5°25	4°12	3°47	22°34	M15
T 16	4 19 1	3°44'28	28° 2	14° 0	23° 8	27°54	6°38	12°38	1°20	26°50	7°11	5°20	4° 9	3°53	22°32	T 16
W17	4 22 58	4°45'22	10♒11	15°13	24°20	28°40	6°29	12°36	1°21	26°49	7°11	5°16	4° 6	4° 0	22°30	W17
T 18	4 26 55	5°46'16	22° 9	16°29	25°31	29°26	6°21	12°34	1°22	26°48	7°10	5°14	4° 3	4° 7	22°28	T 18
F 19	4 30 51	6°47'11	4♓ 1	17°47	26°43	0♑12	6°13	12°32	1°23	26°47	7°10	5°D13	4° 0	4°13	22°26	F 19
S 20	4 34 48	7°48'07	15°53	19° 8	27°55	0°58	6° 5	12°30	1°24	26°46	7° 9	5°13	3°57	4°20	22°25	S 20
S 21	4 38 44	8°49'04	27°48	20°30	29° 7	1°44	5°57	12°29	1°25	26°45	7° 9	5°15	3°53	4°27	22°23	S 21
M22	4 42 41	9°50'01	9♈52	21°53	0♏19	2°30	5°49	12°27	1°26	26°44	7° 8	5°16	3°50	4°33	22°21	M22
T 23	4 46 37	10°50'59	22° 9	23°18	1°31	3°16	5°40	12°26	1°27	26°43	7° 8	5°18	3°47	4°40	22°19	T 23
W24	4 50 34	11°51'58	4♉44	24°43	2°43	4° 2	5°32	12°25	1°28	26°42	7° 7	5°R19	3°44	4°47	22°18	W24
T 25	4 54 30	12°52'58	17°39	26°10	3°56	4°48	5°24	12°24	1°29	26°41	7° 7	5°18	3°41	4°54	22°16	T 25
F 26	4 58 27	13°53'58	0♊56	27°37	5° 8	5°35	5°16	12°23	1°30	26°40	7° 7	5°15	3°37	5° 0	22°14	F 26
S 27	5 2 24	14°54'59	14°33	29° 5	6°21	6°21	5° 8	12°22	1°32	26°39	7° 6	5°11	3°34	5° 7	22°13	S 27
S 28	5 6 20	15°56'01	28°28	0♐34	7°33	7° 7	5° 0	12°21	1°33	26°38	7° 6	5° 5	3°31	5°14	22°11	S 28
M29	5 10 17	16°57'04	12♋38	2° 3	8°46	7°53	4°53	12°20	1°35	26°37	7° 6	4°58	3°28	5°20	22°10	M29
T 30	5 14 13	17♐58'07	26♋57	3♐33	9♏59	8♑40	4♊45	12♈19	1♓36	26♋35	7♈ 5	4♏51	3♏25	5♓27	22♈ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s23	19n 2	4s26	12s46	1n31	0s37	1n42	23s42	0s54	20n57	0s51	2n45	2s45	11s47	0s46	20n26	0s23	12s58	17s20	13s26	13s12	6s26	9n11	0n11
T 2	17 40	17 30	4 59	12 19	1 45	1 3	1 44	23 47	0 54	20 55	0 51	2 43	2 44	11 47	0 46	20 26	0 23	12 58	17 19	13 26	13 11	6 24	9 10	0 11
W 3	17 56	14 56	5 15	11 57	1 57	1 28	1 47	23 52	0 55	20 54	0 51	2 42	2 44	11 47	0 46	20 26	0 23	12 58	17 19	13 25	13 10	6 22	9 9	0 11
T 4	18 12	11 28	5 12	11 41	2 7	1 54	1 49	23 56	0 55	20 53	0 51	2 41	2 44	11 47	0 46	20 26	0 23	12 58	17 19	13 25	13 9	6 20	9 8	0 11
F 5	18 28	7 20	4 50	11 30	2 15	2 20	1 51	24 0	0 56	20 52	0 51	2 40	2 44	11 47	0 46	20 26	0 23	12 58	17 19	13 25	13 8	6 18	9 7	0 11
S 6	18 43	2 47	4 11	11 25	2 21	2 45	1 53	24 4	0 56	20 51	0 51	2 39	2 44	11 46	0 46	20 26	0 23	12 58	17 18	13 25	13 7	6 16	9 6	0 11
S 7	18 58	1s56	3 16	11 26	2 25	3 11	1 54	24 8	0 56	20 50	0 51	2 38	2 43	11 46	0 46	20 26	0 23	12 58	17 18	13 25	13 6	6 14	9 5	0 11
M 8	19 13	6 33	2 9	11 30	2 28	3 37	1 56	24 11	0 57	20 49	0 50	2 37	2 43	11 46	0 46	20 27	0 23	12 58	17 18	13 26	13 4	6 12	9 4	0 11
T 9	19 27	10 46	0 55	11 39	2 30	4 3	1 58	24 14	0 57	20 47	0 50	2 36	2 43	11 46	0 46	20 27	0 23	12 58	17 18	13 26	13 3	6 10	9 3	0 11
W10	19 41	14 22	0n21	11 52	2 30	4 29	1 59	24 17	0 57	20 46	0 50	2 36	2 43	11 46	0 46	20 27	0 23	12 58	17 17	13 26	13 2	6 8	9 2	0 11
T 11	19 54	17 6	1 36	12 8	2 28	4 55	2 0	24 19	0 58	20 45	0 50	2 35	2 43	11 46	0 46	20 27	0 23	12 58	17 17	13 26	13 1	6 6	9 1	0 11
F 12	20 8	18 49	2 43	12 26	2 26	5 21	2 2	24 21	0 58	20 44	0 50	2 34	2 42	11 45	0 46	20 27	0 23	12 58	17 17	13 25	13 0	6 4	9 0	0 10
S 13	20 20	19 27	3 40	12 47	2 23	5 47	2 3	24 23	0 58	20 43	0 50	2 33	2 42	11 45	0 46	20 27	0 23	12 58	17 16	13 24	12 59	6 2	8 59	0 10
S 14	20 33	19 3	4 25	13 10	2 19	6 12	2 4	24 25	0 59	20 41	0 50	2 33	2 42	11 45	0 46	20 27	0 23	12 58	17 16	13 23	12 58	6 0	8 58	0 10
M15	20 45	17 41	4 55	13 34	2 15	6 38	2 5	24 26	0 59	20 40	0 50	2 32	2 42	11 45	0 46	20 28	0 23	12 58	17 16	13 21	12 57	5 58	8 57	0 10
T 16	20 57	15 31	5 11	14 0	2 10	7 4	2 6	24 28	0 59	20 39	0 50	2 31	2 41	11 44	0 46	20 28	0 23	12 58	17 15	13 20	12 56	5 56	8 57	0 10
W17	21 8	12 43	5 12	14 27	2 5	7 30	2 6	24 29	1 0	20 38	0 49	2 31	2 41	11 44	0 46	20 28	0 23	12 58	17 15	13 19	12 55	5 54	8 56	0 10
T 18	21 19	9 26	5 0	14 54	1 59	7 55	2 7	24 29	1 0	20 36	0 49	2 30	2 41	11 44	0 46	20 28	0 23	12 58	17 15	13 18	12 54	5 52	8 55	0 10
F 19	21 29	5 47	4 35	15 22	1 53	8 21	2 7	24 30	1 0	20 35	0 49	2 30	2 41	11 43	0 46	20 28	0 23	12 58	17 14	13 17	12 53	5 50	8 54	0 10
S 20	21 39	1 56	3 58	15 50	1 46	8 46	2 8	24 30	1 0	20 34	0 49	2 29	2 40	11 43	0 46	20 28	0 23	12 58	17 14	13 17	12 52	5 48	8 53	0 10
S 21	21 49	2n 2	3 11	16 19	1 39	9 11	2 8	24 29	1 1	20 33	0 49	2 29	2 40	11 42	0 46	20 29	0 23	12 58	17 14	13 18	12 50	5 46	8 53	0 10
M22	21 58	5 59	2 14	16 47	1 32	9 36	2 8	24 29	1 1	20 31	0 49	2 29	2 40	11 42	0 46	20 29	0 23	12 58	17 14	13 18	12 49	5 44	8 52	0 10
T 23	22 7	9 45	1 11	17 16	1 25	10 1	2 8	24 28	1 1	20 30	0 49	2 28	2 40	11 42	0 46	20 29	0 23	12 58	17 13	13 19	12 48	5 42	8 51	0 9
W24	22 16	13 11	0 3	17 44	1 18	10 26	2 8	24 27	1 1	20 29	0 49	2 28	2 39	11 41	0 46	20 29	0 23	12 57	17 13	13 19	12 47	5 40	8 50	0 9
T 25	22 24	16 4	1s 7	18 11	1 11	10 51	2 8	24 26	1 2	20 27	0 48	2 28	2 39	11 41	0 45	20 29	0 23	12 57	17 12	13 19	12 46	5 38	8 50	0 9
F 26	22 31	18 11	2 15	18 39	1 3	11 15	2 8	24 24	1 2	20 26	0 48	2 28	2 39	11 40	0 45	20 30	0 23	12 57	17 12	13 18	12 45	5 36	8 49	0 9
S 27	22 38	19 20	3 17	19 5	0 56	11 40	2 7	24 22	1 2	20 25	0 48	2 28	2 39	11 40	0 45	20 30	0 23	12 57	17 12	13 17	12 44	5 34	8 48	0 9
S 28	22 45	19 20	4 8	19 31	0 49	12 4	2 7	24 20	1 2	20 24	0 48	2 28	2 38	11 39	0 45	20 30	0 23	12 57	17 11	13 15	12 43	5 32	8 48	0 9
M29	22 51	18 9	4 46	19 57	0 41	12 27	2 6	24 18	1 3	20 22	0 48	2 27	2 38	11 39	0 45	20 30	0 23	12 56	17 11	13 12	12 42	5 30	8 47	0 9
T 30	22s57	15n49	5s 6	20s21	0n34	12s51	2n 6	24s15	1s 3	20n21	0s48	2n27	2s38	11s38	0s45	20n31	0s23	12s56	17s11	13s10	12s41	5s28	8n47	0n 9

Julian Day Number = 2300283.5, Delta T = 110.00 sec
Ecliptic obliquity = 23°29'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'38, Lahiri = 18°04'39 Julian Calendar 1 Nov. 1585 == Greg. Calendar 11 Nov. 1585

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ASTRODIENST EPHEMERIS for the year 1585
geocentric

DECEMBER 1585 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 18 10	18♐59'12	11♌20	5♐ 3	11♏11	9♑26	4°R37	12°R19	1♓38	26°R34	7°R 5	4°R45	3♏22	5♓34	22°R 7	W 1
T 2	5 22 6	20° 0'17	25°41	6°33	12°24	10°13	4♊29	12♈18	1°39	26♋33	7♈ 5	4♏40	3°18	5°40	22♈ 6	T 2
F 3	5 26 3	21° 1'23	9♍57	8° 4	13°37	10°59	4°22	12°18	1°41	26°32	7° 5	4°38	3°15	5°47	22° 5	F 3
S 4	5 29 59	22° 2'29	24° 5	9°35	14°50	11°46	4°14	12°18	1°42	26°30	7° 4	4°D37	3°12	5°54	22° 4	S 4
S 5	5 33 56	23° 3'37	8♎ 4	11° 6	16° 3	12°32	4° 7	12°D18	1°44	26°29	7° 4	4°38	3° 9	6° 1	22° 3	S 5
M 6	5 37 53	24° 4'45	21°54	12°38	17°16	13°19	4° 0	12°18	1°46	26°28	7° 4	4°39	3° 6	6° 7	22° 2	M 6
T 7	5 41 49	25° 5'55	5♏33	14° 9	18°30	14° 6	3°53	12°18	1°47	26°26	7° 4	4°R40	3° 3	6°14	22° 1	T 7
W 8	5 45 46	26° 7'05	19° 3	15°42	19°43	14°52	3°46	12°18	1°49	26°25	7° 4	4°39	2°59	6°21	22° 0	W 8
T 9	5 49 42	27° 8'15	2♐22	17°14	20°56	15°39	3°39	12°19	1°51	26°23	7° 4	4°35	2°56	6°27	21°59	T 9
F 10	5 53 39	28° 9'26	15°31	18°46	22°10	16°26	3°32	12°19	1°53	26°22	7° 4	4°29	2°53	6°34	21°58	F 10
S 11	5 57 35	29°10'37	28°27	20°19	23°23	17°13	3°25	12°20	1°55	26°20	7° 4	4°21	2°50	6°41	21°57	S 11
S 12	6 1 32	0♑11'49	11♑11	21°52	24°36	18° 0	3°19	12°20	1°57	26°19	7°D 4	4°11	2°47	6°47	21°57	S 12
M13	6 5 28	1°13'00	23°42	23°26	25°50	18°46	3°12	12°21	1°59	26°17	7° 4	3°59	2°43	6°54	21°56	M13
T 14	6 9 25	2°14'12	5♒59	24°59	27° 3	19°33	3° 6	12°22	2° 1	26°16	7° 4	3°48	2°40	7° 1	21°56	T 14
W15	6 13 22	3°15'24	18° 5	26°33	28°17	20°20	3° 0	12°23	2° 3	26°14	7° 4	3°38	2°37	7° 8	21°55	W15
T 16	6 17 18	4°16'35	0♓ 2	28° 8	29°31	21° 7	2°54	12°24	2° 5	26°13	7° 4	3°30	2°34	7°14	21°55	T 16
F 17	6 21 15	5°17'47	11°53	29°42	0♐44	21°54	2°48	12°26	2° 8	26°11	7° 4	3°25	2°31	7°21	21°54	F 17
S 18	6 25 11	6°18'58	23°42	1♑17	1°58	22°41	2°42	12°27	2°10	26°10	7° 4	3°22	2°28	7°28	21°54	S 18
S 19	6 29 8	7°20'08	5♈34	2°52	3°12	23°28	2°37	12°28	2°12	26° 8	7° 4	3°D21	2°24	7°34	21°54	S 19
M20	6 33 4	8°21'19	17°35	4°28	4°26	24°15	2°32	12°30	2°15	26° 7	7° 5	3°21	2°21	7°41	21°54	M20
T 21	6 37 1	9°22'29	29°51	6° 4	5°39	25° 2	2°26	12°32	2°17	26° 5	7° 5	3°R21	2°18	7°48	21°53	T 21
W22	6 40 57	10°23'39	12♉25	7°40	6°53	25°50	2°21	12°33	2°19	26° 3	7° 5	3°21	2°15	7°54	21°53	W22
T 23	6 44 54	11°24'48	25°23	9°17	8° 7	26°37	2°17	12°35	2°22	26° 2	7° 5	3°19	2°12	8° 1	21°D53	T 23
F 24	6 48 51	12°25'57	8♊47	10°54	9°21	27°24	2°12	12°37	2°24	26° 0	7° 6	3°14	2° 9	8° 8	21°53	F 24
S 25	6 52 47	13°27'06	22°38	12°32	10°35	28°11	2° 8	12°39	2°27	25°59	7° 6	3° 7	2° 5	8°15	21°53	S 25
S 26	6 56 44	14°28'14	6♋54	14°10	11°49	28°58	2° 3	12°42	2°29	25°57	7° 6	2°57	2° 2	8°21	21°54	S 26
M27	7 0 40	15°29'22	21°29	15°48	13° 3	29°45	1°59	12°44	2°32	25°55	7° 7	2°46	1°59	8°28	21°54	M27
T 28	7 4 37	16°30'29	6♌17	17°27	14°17	0♒33	1°55	12°46	2°34	25°54	7° 7	2°34	1°56	8°35	21°54	T 28
W29	7 8 33	17°31'36	21° 8	19° 7	15°31	1°20	1°52	12°49	2°37	25°52	7° 7	2°24	1°53	8°41	21°55	W29
T 30	7 12 30	18°32'43	5♍55	20°46	16°45	2° 7	1°48	12°52	2°40	25°50	7° 8	2°16	1°49	8°48	21°55	T 30
F 31	7 16 27	19♑33'50	20♍30	22♑27	17♐59	2♒54	1♊45	12♈54	2♓42	25♋49	7♈ 8	2♏10	1♏46	8♓55	21♈55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	12n30	5s 7	20s45	0n26	13s14	2n 5	24s12	1s 3	20n20	0s47	2n28	2s38	11s37	0s45	20n31	0s23	12s56	17s10	13s 8	12s40	5s26	8n46	0n 9
T 2	23 7	8 27	4 48	21 8	0 19	13 37	2 4	24 9	1 3	20 19	0 47	2 28	2 37	11 37	0 45	20 31	0 23	12 56	17 10	13 6	12 39	5 24	8 46	0 9
F 3	23 11	3 58	4 12	21 30	0 12	14 0	2 4	24 5	1 3	20 18	0 47	2 28	2 37	11 36	0 45	20 31	0 23	12 56	17 10	13 6	12 38	5 22	8 45	0 9
S 4	23 15	0s43	3 21	21 52	0 5	14 22	2 3	24 2	1 4	20 16	0 47	2 28	2 37	11 36	0 45	20 32	0 23	12 55	17 9	13 5	12 36	5 20	8 44	0 8
S 5	23 19	5 20	2 18	22 12	0s 3	14 44	2 2	23 57	1 4	20 15	0 47	2 28	2 36	11 35	0 45	20 32	0 23	12 55	17 9	13 6	12 35	5 18	8 44	0 8
M 6	23 21	9 36	1 8	22 31	0 10	15 6	2 0	23 53	1 4	20 14	0 46	2 28	2 36	11 34	0 45	20 32	0 23	12 55	17 9	13 6	12 34	5 16	8 44	0 8
T 7	23 24	13 20	0n 5	22 49	0 16	15 27	1 59	23 48	1 4	20 13	0 46	2 29	2 36	11 34	0 45	20 32	0 23	12 54	17 8	13 6	12 33	5 14	8 43	0 8
W 8	23 26	16 18	1 17	23 6	0 23	15 49	1 58	23 43	1 4	20 12	0 46	2 29	2 36	11 33	0 45	20 33	0 23	12 54	17 8	13 6	12 32	5 12	8 43	0 8
T 9	23 28	18 20	2 23	23 22	0 30	16 9	1 57	23 38	1 4	20 11	0 46	2 29	2 35	11 32	0 45	20 33	0 23	12 54	17 8	13 5	12 31	5 10	8 42	0 8
F 10	23 29	19 22	3 21	23 37	0 36	16 30	1 55	23 33	1 5	20 10	0 46	2 30	2 35	11 32	0 45	20 33	0 23	12 54	17 7	13 3	12 30	5 8	8 42	0 8
S 11	23 29	19 22	4 7	23 51	0 43	16 49	1 54	23 27	1 5	20 8	0 45	2 30	2 35	11 31	0 45	20 33	0 23	12 53	17 7	13 0	12 29	5 6	8 42	0 8
S 12	23 29	18 22	4 41	24 3	0 49	17 9	1 52	23 21	1 5	20 7	0 45	2 31	2 35	11 30	0 45	20 34	0 23	12 53	17 6	12 56	12 28	5 4	8 41	0 8
M13	23 29	16 29	4 59	24 14	0 55	17 28	1 50	23 15	1 5	20 6	0 45	2 32	2 34	11 29	0 45	20 34	0 23	12 53	17 6	12 52	12 27	5 2	8 41	0 8
T 14	23 28	13 54	5 4	24 24	1 1	17 47	1 49	23 8	1 5	20 5	0 45	2 32	2 34	11 29	0 45	20 34	0 23	12 52	17 6	12 49	12 26	5 0	8 41	0 8
W15	23 27	10 46	4 55	24 33	1 6	18 5	1 47	23 1	1 5	20 4	0 45	2 33	2 34	11 28	0 45	20 35	0 23	12 52	17 5	12 45	12 24	4 58	8 40	0 7
T 16	23 25	7 14	4 33	24 41	1 12	18 23	1 45	22 54	1 5	20 3	0 44	2 33	2 33	11 27	0 45	20 35	0 23	12 51	17 5	12 43	12 23	4 56	8 40	0 7
F 17	23 23	3 26	3 59	24 47	1 17	18 40	1 43	22 47	1 5	20 3	0 44	2 34	2 33	11 26	0 45	20 35	0 23	12 51	17 5	12 41	12 22	4 54	8 40	0 7
S 18	23 20	0n29	3 15	24 51	1 22	18 57	1 41	22 39	1 6	20 2	0 44	2 35	2 33	11 25	0 45	20 35	0 23	12 51	17 4	12 40	12 21	4 52	8 40	0 7
S 19	23 17	4 24	2 23	24 55	1 27	19 13	1 39	22 31	1 6	20 1	0 44	2 36	2 33	11 24	0 45	20 36	0 23	12 50	17 4	12 39	12 20	4 50	8 39	0 7
M20	23 14	8 12	1 23	24 57	1 32	19 29	1 37	22 23	1 6	20 0	0 43	2 37	2 32	11 24	0 45	20 36	0 23	12 50	17 4	12 39	12 19	4 48	8 39	0 7
T 21	23 10	11 44	0 19	24 57	1 36	19 44	1 35	22 15	1 6	19 59	0 43	2 38	2 32	11 23	0 45	20 36	0 23	12 49	17 3	12 40	12 18	4 46	8 39	0 7
W22	23 5	14 50	0s48	24 56	1 40	19 59	1 33	22 6	1 6	19 58	0 43	2 39	2 32	11 22	0 45	20 37	0 23	12 49	17 3	12 40	12 17	4 44	8 39	0 7
T 23	23 0	17 18	1 54	24 54	1 44	20 13	1 31	21 57	1 6	19 58	0 43	2 40	2 31	11 21	0 45	20 37	0 23	12 49	17 2	12 39	12 16	4 42	8 39	0 7
F 24	22 54	18 54	2 56	24 50	1 48	20 27	1 28	21 48	1 6	19 57	0 43	2 41	2 31	11 20	0 45	20 37	0 23	12 48	17 2	12 37	12 15	4 40	8 39	0 7
S 25	22 49	19 27	3 50	24 44	1 51	20 40	1 26	21 39	1 6	19 56	0 42	2 42	2 31	11 19	0 45	20 38	0 23	12 48	17 2	12 35	12 14	4 38	8 39	0 7
S 26	22 42	18 48	4 31	24 38	1 54	20 52	1 24	21 29	1 6	19 56	0 42	2 43	2 31	11 18	0 44	20 38	0 23	12 47	17 1	12 31	12 12	4 36	8 39	0 6
M27	22 35	16 54	4 56	24 29	1 57	21 4	1 21	21 19	1 6	19 55	0 42	2 44	2 30	11 17	0 44	20 38	0 23	12 47	17 1	12 27	12 11	4 34	8 39	0 6
T 28	22 28	13 53	5 1	24 19	1 59	21 16	1 19	21 9	1 6	19 55	0 42	2 45	2 30	11 16	0 44	20 39	0 23	12 46	17 1	12 23	12 10	4 32	8 39	0 6
W29	22 20	9 58	4 46	24 7	2 1	21 26	1 16	20 59	1 6	19 54	0 41	2 46	2 30	11 15	0 44	20 39	0 23	12 46	17 0	12 20	12 9	4 30	8 39	0 6
T 30	22 12	5 28	4 11	23 54	2 3	21 37	1 14	20 48	1 6	19 54	0 41	2 48	2 30	11 14	0 44	20 39	0 23	12 45	17 0	12 17	12 8	4 28	8 39	0 6
F 31	22s 4	0n41	3s21	23s39	2s 4	21s46	1n11	20s37	1s 6	19n53	0s41	2n49	2s29	11s13	0s44	20n40	0s23	12s45	17s 0	12s15	12s 7	4s26	8n39	0n 6

Julian Day Number = 2300313.5, Delta T = 109.87 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'42, Lahiri = 18°04'43 Julian Calendar 1 Dec. 1585 == Greg. Calendar 11 Dec. 1585

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

JANUARY 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 20 23	20♑34'56	4♎48	24♑ 8	19♐13	3♒42	1°R42	12♈57	2♓45	25°R47	7♈ 9	2°R 8	1♏43	9♓ 1	21♈56	S 1
S 2	7 24 20	21°36'02	18°49	25°49	20°27	4°29	1♊39	13° 0	2°48	25♋45	7° 9	2°D 7	1°40	9° 8	21°57	S 2
M 3	7 28 16	22°37'08	2♏31	27°31	21°41	5°16	1°36	13° 3	2°51	25°44	7°10	2°R 7	1°37	9°15	21°57	M 3
T 4	7 32 13	23°38'13	15°57	29°13	22°56	6° 4	1°33	13° 6	2°54	25°42	7°10	2♏ 6	1°34	9°22	21°58	T 4
W 5	7 36 9	24°39'18	29° 8	0♒56	24°10	6°51	1°31	13° 9	2°56	25°40	7°11	2° 4	1°30	9°28	21°59	W 5
T 6	7 40 6	25°40'23	12♐ 6	2°39	25°24	7°38	1°29	13°13	2°59	25°38	7°11	1°59	1°27	9°35	21°59	T 6
F 7	7 44 2	26°41'27	24°53	4°22	26°38	8°26	1°27	13°16	3° 2	25°37	7°12	1°51	1°24	9°42	22° 0	F 7
S 8	7 47 59	27°42'31	7♑30	6° 6	27°53	9°13	1°25	13°20	3° 5	25°35	7°12	1°39	1°21	9°48	22° 1	S 8
S 9	7 51 56	28°43'34	19°57	7°50	29° 7	10° 1	1°24	13°23	3° 8	25°33	7°13	1°26	1°18	9°55	22° 2	S 9
M10	7 55 52	29°44'36	2♒14	9°34	0♑21	10°48	1°22	13°27	3°11	25°32	7°14	1°11	1°15	10° 2	22° 3	M10
T 11	7 59 49	0♒45'37	14°23	11°17	1°35	11°36	1°21	13°31	3°14	25°30	7°14	0°56	1°11	10° 8	22° 5	T 11
W12	8 3 45	1°46'37	26°23	13° 1	2°50	12°23	1°20	13°35	3°17	25°28	7°15	0°43	1° 8	10°15	22° 6	W12
T 13	8 7 42	2°47'36	8♓16	14°45	4° 4	13°10	1°20	13°39	3°20	25°27	7°16	0°31	1° 5	10°22	22° 7	T 13
F 14	8 11 38	3°48'33	20° 5	16°28	5°18	13°58	1°19	13°43	3°23	25°25	7°16	0°23	1° 2	10°28	22° 8	F 14
S 15	8 15 35	4°49'30	1♈53	18°10	6°33	14°45	1°19	13°47	3°27	25°23	7°17	0°17	0°59	10°35	22°10	S 15
S 16	8 19 31	5°50'25	13°44	19°51	7°47	15°33	1°D19	13°51	3°30	25°22	7°18	0°15	0°55	10°42	22°11	S 16
M17	8 23 28	6°51'19	25°42	21°31	9° 1	16°20	1°19	13°56	3°33	25°20	7°19	0°14	0°52	10°49	22°12	M17
T 18	8 27 24	7°52'12	7♉53	23° 9	10°16	17° 8	1°19	14° 0	3°36	25°18	7°20	0°14	0°49	10°55	22°14	T 18
W19	8 31 21	8°53'03	20°22	24°45	11°30	17°55	1°20	14° 5	3°39	25°17	7°20	0°13	0°46	11° 2	22°16	W19
T 20	8 35 18	9°53'53	3♊16	26°18	12°45	18°43	1°20	14° 9	3°42	25°15	7°21	0°11	0°43	11° 9	22°17	T 20
F 21	8 39 14	10°54'42	16°36	27°48	13°59	19°30	1°21	14°14	3°46	25°13	7°22	0° 7	0°40	11°15	22°19	F 21
S 22	8 43 11	11°55'28	0♋27	29°14	15°13	20°18	1°22	14°19	3°49	25°12	7°23	0° 0	0°36	11°22	22°21	S 22
S 23	8 47 7	12°56'14	14°48	0♓36	16°28	21° 5	1°24	14°24	3°52	25°10	7°24	29♎51	0°33	11°29	22°22	S 23
M24	8 51 4	13°56'58	29°34	1°53	17°42	21°52	1°25	14°28	3°55	25° 9	7°25	29°40	0°30	11°35	22°24	M24
T 25	8 55 0	14°57'40	14♌38	3° 4	18°57	22°40	1°27	14°33	3°59	25° 7	7°26	29°29	0°27	11°42	22°26	T 25
W26	8 58 57	15°58'22	29°50	4° 8	20°11	23°27	1°29	14°39	4° 2	25° 5	7°27	29°18	0°24	11°49	22°28	W26
T 27	9 2 54	16°59'01	15♍ 0	5° 5	21°25	24°15	1°31	14°44	4° 5	25° 4	7°28	29°10	0°21	11°55	22°30	T 27
F 28	9 6 50	17°59'40	29°57	5°55	22°40	25° 2	1°33	14°49	4° 9	25° 2	7°29	29° 4	0°17	12° 2	22°32	F 28
S 29	9 10 47	19° 0'17	14♎35	6°35	23°54	25°50	1°36	14°54	4°12	25° 1	7°30	29° 1	0°14	12° 9	22°34	S 29
S 30	9 14 43	20° 0'53	28°49	7° 6	25° 9	26°37	1°39	15° 0	4°15	24°59	7°31	29°D 1	0°11	12°15	22°36	S 30
M31	9 18 40	21♒ 1'28	12♏39	7♓27	26♑23	27♒24	1♊41	15♈ 5	4♓19	24♋58	7♈32	29♎ 1	0♏ 8	12♓22	22♈39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s55	4s 2	2s19	23s23	2s 5	21s55	1n 8	20s26	1s 6	19n53	0s41	2n50	2s29	11s12	0s44	20n40	0s23	12s44	16s59	12s14	12s 6	4s24	8n39	0n 6
S 2	21 45	8 28	1 10	23 5	2 5	22 3	1 6	20 15	1 6	19 52	0 40	2 52	2 29	11 11	0 44	20 40	0 23	12 44	16 59	12 14	12 5	4 22	8 39	0 6
M 3	21 35	12 20	0n 2	22 45	2 5	22 11	1 3	20 4	1 6	19 52	0 40	2 53	2 29	11 10	0 44	20 40	0 23	12 43	16 58	12 14	12 4	4 20	8 40	0 6
T 4	21 25	15 29	1 13	22 24	2 5	22 18	1 0	19 52	1 6	19 52	0 40	2 55	2 28	11 9	0 44	20 41	0 23	12 43	16 58	12 14	12 2	4 18	8 40	0 6
W 5	21 14	17 46	2 18	22 1	2 4	22 24	0 58	19 40	1 6	19 52	0 40	2 56	2 28	11 8	0 44	20 41	0 23	12 42	16 58	12 13	12 1	4 16	8 40	0 6
T 6	21 3	19 5	3 14	21 36	2 3	22 30	0 55	19 28	1 6	19 51	0 39	2 58	2 28	11 7	0 44	20 41	0 23	12 42	16 57	12 11	12 0	4 14	8 40	0 5
F 7	20 52	19 23	4 0	21 10	2 1	22 35	0 52	19 15	1 6	19 51	0 39	2 59	2 27	11 6	0 44	20 42	0 23	12 41	16 57	12 8	11 59	4 12	8 40	0 5
S 8	20 40	18 43	4 34	20 42	1 58	22 39	0 49	19 3	1 6	19 51	0 39	3 1	2 27	11 5	0 44	20 42	0 23	12 41	16 57	12 5	11 58	4 10	8 41	0 5
S 9	20 28	17 10	4 54	20 13	1 55	22 43	0 47	18 50	1 6	19 51	0 39	3 2	2 27	11 4	0 44	20 42	0 23	12 40	16 56	12 0	11 57	4 8	8 41	0 5
M10	20 15	14 50	4 59	19 42	1 52	22 46	0 44	18 37	1 6	19 51	0 39	3 4	2 27	11 3	0 44	20 43	0 23	12 40	16 56	11 55	11 56	4 6	8 41	0 5
T 11	20 2	11 54	4 51	19 9	1 48	22 48	0 41	18 24	1 6	19 51	0 38	3 6	2 26	11 2	0 44	20 43	0 22	12 39	16 56	11 49	11 55	4 4	8 42	0 5
W12	19 48	8 30	4 31	18 35	1 43	22 50	0 38	18 10	1 6	19 51	0 38	3 7	2 26	11 0	0 44	20 43	0 22	12 38	16 55	11 45	11 54	4 2	8 42	0 5
T 13	19 35	4 48	3 58	18 0	1 37	22 51	0 35	17 57	1 6	19 51	0 38	3 9	2 26	10 59	0 44	20 44	0 22	12 38	16 55	11 41	11 53	4 0	8 42	0 5
F 14	19 20	0 57	3 15	17 23	1 31	22 51	0 32	17 43	1 5	19 51	0 38	3 11	2 26	10 58	0 44	20 44	0 22	12 37	16 55	11 38	11 51	3 58	8 43	0 5
S 15	19 6	2n57	2 24	16 45	1 24	22 50	0 29	17 29	1 5	19 52	0 37	3 13	2 26	10 57	0 44	20 44	0 22	12 37	16 54	11 36	11 50	3 56	8 43	0 5
S 16	18 51	6 45	1 26	16 6	1 16	22 49	0 27	17 15	1 5	19 52	0 37	3 15	2 25	10 56	0 44	20 45	0 22	12 36	16 54	11 35	11 49	3 54	8 44	0 5
M17	18 36	10 20	0 24	15 26	1 8	22 47	0 24	17 0	1 5	19 52	0 37	3 17	2 25	10 55	0 44	20 45	0 22	12 36	16 54	11 35	11 48	3 52	8 44	0 5
T 18	18 20	13 32	0s40	14 45	0 59	22 45	0 21	16 46	1 5	19 52	0 37	3 19	2 25	10 54	0 44	20 45	0 22	12 35	16 53	11 35	11 47	3 50	8 45	0 4
W19	18 5	16 12	1 45	14 4	0 49	22 42	0 18	16 31	1 5	19 53	0 36	3 21	2 25	10 52	0 44	20 46	0 22	12 34	16 53	11 34	11 46	3 48	8 45	0 4
T 20	17 48	18 9	2 45	13 22	0 38	22 38	0 15	16 16	1 5	19 53	0 36	3 23	2 24	10 51	0 44	20 46	0 22	12 34	16 53	11 34	11 45	3 46	8 46	0 4
F 21	17 32	19 11	3 39	12 40	0 26	22 33	0 12	16 1	1 5	19 53	0 36	3 25	2 24	10 50	0 44	20 46	0 22	12 33	16 53	11 32	11 44	3 44	8 46	0 4
S 22	17 15	19 7	4 23	11 59	0 14	22 28	0 9	15 46	1 4	19 54	0 36	3 27	2 24	10 49	0 44	20 47	0 22	12 32	16 52	11 30	11 43	3 42	8 47	0 4
S 23	16 58	17 51	4 51	11 18	0 1	22 22	0 7	15 31	1 4	19 54	0 35	3 29	2 24	10 48	0 44	20 47	0 22	12 32	16 52	11 27	11 41	3 40	8 47	0 4
M24	16 41	15 22	5 1	10 37	0n13	22 15	0 4	15 15	1 4	19 55	0 35	3 31	2 23	10 46	0 44	20 47	0 22	12 31	16 52	11 23	11 40	3 38	8 48	0 4
T 25	16 23	11 50	4 51	9 58	0 28	22 8	0 1	15 0	1 4	19 55	0 35	3 33	2 23	10 45	0 44	20 47	0 22	12 31	16 51	11 19	11 39	3 36	8 49	0 4
W26	16 5	7 29	4 20	9 21	0 43	22 0	0s 2	14 44	1 4	19 56	0 35	3 35	2 23	10 44	0 44	20 48	0 22	12 30	16 51	11 15	11 38	3 34	8 49	0 4
T 27	15 47	2 41	3 31	8 46	0 58	21 51	0 4	14 28	1 4	19 57	0 35	3 37	2 23	10 43	0 44	20 48	0 22	12 29	16 51	11 12	11 37	3 32	8 50	0 4
F 28	15 28	2s14	2 28	8 13	1 14	21 42	0 7	14 12	1 3	19 57	0 34	3 39	2 23	10 41	0 44	20 48	0 22	12 29	16 51	11 10	11 36	3 30	8 51	0 4
S 29	15 9	6 56	1 16	7 43	1 31	21 32	0 10	13 56	1 3	19 58	0 34	3 42	2 22	10 40	0 44	20 49	0 22	12 28	16 50	11 9	11 35	3 28	8 51	0 4
S 30	14 50	11 6	0 1	7 16	1 47	21 22	0 13	13 39	1 3	19 59	0 34	3 44	2 22	10 39	0 44	20 49	0 22	12 27	16 50	11 9	11 34	3 27	8 52	0 3
M31	14s31	14s31	1n12	6s53	2n 3	21s10	0s15	13s23	1s 3	20n 0	0s34	3n46	2s22	10s38	0s44	20n49	0s22	12s27	16s50	11s 9	11s33	3s25	8n53	0n 3

Julian Day Number = 2300344.5, Delta T = 109.73 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'47, Lahiri = 18°04'47 Julian Calendar 1 Jan. 1586 == Greg. Calendar 11 Jan. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

FEBRUARY 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 22 36	22♒ 2'02	26♏ 5	7♓39	27♉37	28♒12	1♊45	15♈11	4♓22	24°R56	7♈33	29°R 1	0♏ 5	12♓29	22♈41	T 1
W 2	9 26 33	23° 2'34	9♐11	7°R40	28°52	28°59	1°48	15°16	4°26	24♋55	7°34	29♎ 0	0° 1	12°36	22°43	W 2
T 3	9 30 29	24° 3'06	21°59	7°30	0♒ 6	29°47	1°51	15°22	4°29	24°53	7°35	28°56	29♎58	12°42	22°46	T 3
F 4	9 34 26	25° 3'36	4♉32	7°11	1°21	0♓34	1°55	15°28	4°32	24°52	7°36	28°50	29°55	12°49	22°48	F 4
S 5	9 38 22	26° 4'04	16°54	6°41	2°35	1°21	1°59	15°33	4°36	24°51	7°37	28°41	29°52	12°56	22°50	S 5
S 6	9 42 19	27° 4'31	29° 7	6° 3	3°50	2° 9	2° 3	15°39	4°39	24°49	7°38	28°31	29°49	13° 2	22°53	S 6
M 7	9 46 16	28° 4'57	11♒12	5°18	5° 4	2°56	2° 7	15°45	4°43	24°48	7°40	28°19	29°46	13° 9	22°55	M 7
T 8	9 50 12	29° 5'20	23°11	4°25	6°19	3°43	2°11	15°51	4°46	24°46	7°41	28° 6	29°42	13°16	22°58	T 8
W 9	9 54 9	0♓ 5'43	5♓ 4	3°27	7°33	4°31	2°16	15°57	4°50	24°45	7°42	27°55	29°39	13°22	23° 1	W 9
T 10	9 58 5	1° 6'03	16°55	2°25	8°48	5°18	2°21	16° 3	4°53	24°44	7°43	27°46	29°36	13°29	23° 3	T 10
F 11	10 2 2	2° 6'21	28°43	1°22	10° 2	6° 5	2°26	16° 9	4°56	24°43	7°44	27°39	29°33	13°36	23° 6	F 11
S 12	10 5 58	3° 6'38	10♈32	0°17	11°17	6°52	2°31	16°16	5° 0	24°41	7°46	27°35	29°30	13°42	23° 9	S 12
S 13	10 9 55	4° 6'53	22°24	29♒14	12°31	7°40	2°36	16°22	5° 3	24°40	7°47	27°D34	29°26	13°49	23°11	S 13
M14	10 13 51	5° 7'05	4♉24	28°13	13°45	8°27	2°41	16°28	5° 7	24°39	7°48	27°34	29°23	13°56	23°14	M14
T 15	10 17 48	6° 7'16	16°35	27°16	15° 0	9°14	2°47	16°35	5°10	24°38	7°49	27°35	29°20	14° 2	23°17	T 15
W16	10 21 45	7° 7'25	29° 2	26°23	16°14	10° 1	2°53	16°41	5°14	24°36	7°51	27°36	29°17	14° 9	23°20	W16
T 17	10 25 41	8° 7'31	11♊51	25°35	17°29	10°48	2°59	16°48	5°17	24°35	7°52	27°R36	29°14	14°16	23°23	T 17
F 18	10 29 38	9° 7'36	25° 4	24°54	18°43	11°36	3° 5	16°54	5°21	24°34	7°53	27°35	29°11	14°23	23°26	F 18
S 19	10 33 34	10° 7'38	8♋46	24°19	19°58	12°23	3°11	17° 1	5°24	24°33	7°54	27°31	29° 7	14°29	23°29	S 19
S 20	10 37 31	11° 7'38	22°58	23°51	21°12	13°10	3°18	17° 7	5°27	24°32	7°56	27°26	29° 4	14°36	23°32	S 20
M21	10 41 27	12° 7'36	7♌37	23°30	22°26	13°57	3°24	17°14	5°31	24°31	7°57	27°20	29° 1	14°43	23°35	M21
T 22	10 45 24	13° 7'31	22°38	23°15	23°41	14°44	3°31	17°21	5°34	24°30	7°58	27°13	28°58	14°49	23°38	T 22
W23	10 49 20	14° 7'25	7♍54	23° 7	24°55	15°31	3°38	17°28	5°38	24°29	8° 0	27° 6	28°55	14°56	23°41	W23
T 24	10 53 17	15° 7'16	23°12	23°D 5	26° 9	16°18	3°45	17°35	5°41	24°28	8° 1	27° 1	28°52	15° 3	23°44	T 24
F 25	10 57 14	16° 7'06	8♎22	23° 9	27°24	17° 5	3°52	17°41	5°45	24°27	8° 2	26°58	28°48	15° 9	23°48	F 25
S 26	11 1 10	17° 6'54	23°16	23°20	28°38	17°52	3°59	17°48	5°48	24°26	8° 4	26°D56	28°45	15°16	23°51	S 26
S 27	11 5 7	18° 6'40	7♏46	23°36	29°53	18°38	4° 7	17°55	5°51	24°25	8° 5	26°57	28°42	15°23	23°54	S 27
M28	11 9 3	19♓ 6'24	21♏49	23♒57	1♓ 7	19♓25	4♊14	18♈ 2	5♓55	24♋25	8♈ 6	26♎58	28♎39	15♓29	23♈57	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	17s 4	2n19	6s35	2n18	20s58	0s18	13s 6	1s 2	20n 1	0s33	3n49	2s22	10s37	0s44	20n49	0s22	12s26	16s49	11s 9	11s31	3s23	8n54	0n 3
W 2	13 52	18 38	3 17	6 20	2 34	20 46	0 21	12 49	1 2	20 1	0 33	3 51	2 22	10 35	0 44	20 50	0 22	12 25	16 49	11 8	11 30	3 21	8 54	0 3
T 3	13 32	19 12	4 3	6 11	2 48	20 33	0 23	12 33	1 2	20 2	0 33	3 53	2 21	10 34	0 44	20 50	0 22	12 25	16 49	11 7	11 29	3 19	8 55	0 3
F 4	13 12	18 48	4 37	6 6	3 1	20 19	0 26	12 16	1 2	20 3	0 33	3 56	2 21	10 33	0 44	20 50	0 22	12 24	16 49	11 5	11 28	3 17	8 56	0 3
S 5	12 51	17 30	4 57	6 5	3 13	20 5	0 28	11 58	1 2	20 4	0 32	3 58	2 21	10 32	0 44	20 51	0 22	12 24	16 48	11 2	11 27	3 15	8 57	0 3
S 6	12 31	15 26	5 3	6 10	3 23	19 50	0 31	11 41	1 1	20 5	0 32	4 0	2 21	10 30	0 44	20 51	0 22	12 23	16 48	10 58	11 26	3 13	8 58	0 3
M 7	12 10	12 43	4 56	6 18	3 32	19 35	0 33	11 24	1 1	20 6	0 32	4 3	2 21	10 29	0 44	20 51	0 22	12 22	16 48	10 54	11 25	3 11	8 58	0 3
T 8	11 49	9 29	4 35	6 31	3 38	19 19	0 36	11 6	1 1	20 7	0 32	4 5	2 21	10 28	0 44	20 51	0 22	12 22	16 48	10 49	11 24	3 9	8 59	0 3
W 9	11 28	5 54	4 3	6 48	3 42	19 2	0 38	10 49	1 0	20 9	0 32	4 8	2 20	10 26	0 44	20 52	0 22	12 21	16 48	10 45	11 22	3 7	9 0	0 3
T 10	11 6	2 7	3 20	7 8	3 45	18 45	0 40	10 31	1 0	20 10	0 31	4 10	2 20	10 25	0 44	20 52	0 22	12 20	16 47	10 42	11 21	3 5	9 1	0 3
F 11	10 45	1n45	2 28	7 31	3 44	18 27	0 43	10 14	1 0	20 11	0 31	4 13	2 20	10 24	0 44	20 52	0 22	12 20	16 47	10 40	11 20	3 3	9 2	0 2
S 12	10 23	5 34	1 30	7 56	3 42	18 9	0 45	9 56	1 0	20 12	0 31	4 15	2 20	10 23	0 44	20 52	0 22	12 19	16 47	10 38	11 19	3 1	9 3	0 2
S 13	10 1	9 10	0 28	8 22	3 38	17 50	0 47	9 38	0 59	20 13	0 31	4 18	2 20	10 21	0 44	20 53	0 22	12 18	16 47	10 38	11 18	2 59	9 4	0 2
M14	9 39	12 26	0s37	8 49	3 31	17 31	0 49	9 20	0 59	20 15	0 31	4 21	2 20	10 20	0 44	20 53	0 22	12 18	16 47	10 38	11 17	2 57	9 5	0 2
T 15	9 17	15 13	1 41	9 16	3 23	17 11	0 51	9 2	0 59	20 16	0 30	4 23	2 19	10 19	0 44	20 53	0 22	12 17	16 46	10 38	11 16	2 55	9 6	0 2
W16	8 55	17 22	2 41	9 43	3 14	16 51	0 53	8 44	0 58	20 17	0 30	4 26	2 19	10 18	0 44	20 53	0 22	12 16	16 46	10 38	11 15	2 53	9 7	0 2
T 17	8 32	18 41	3 36	10 9	3 3	16 30	0 55	8 26	0 58	20 19	0 30	4 28	2 19	10 16	0 44	20 54	0 22	12 16	16 46	10 39	11 13	2 51	9 8	0 2
F 18	8 10	19 3	4 21	10 34	2 51	16 9	0 57	8 7	0 58	20 20	0 30	4 31	2 19	10 15	0 44	20 54	0 22	12 15	16 46	10 38	11 12	2 49	9 9	0 2
S 19	7 47	18 20	4 52	10 58	2 38	15 48	0 59	7 49	0 57	20 21	0 30	4 34	2 19	10 14	0 44	20 54	0 22	12 14	16 46	10 37	11 11	2 47	9 10	0 2
S 20	7 24	16 28	5 8	11 19	2 25	15 26	1 1	7 31	0 57	20 23	0 29	4 36	2 19	10 13	0 44	20 54	0 22	12 14	16 45	10 35	11 10	2 45	9 11	0 2
M21	7 2	13 30	5 4	11 40	2 11	15 3	1 3	7 12	0 57	20 24	0 29	4 39	2 18	10 11	0 44	20 54	0 22	12 13	16 45	10 33	11 9	2 43	9 12	0 2
T 22	6 39	9 36	4 39	11 58	1 57	14 40	1 5	6 54	0 56	20 26	0 29	4 42	2 18	10 10	0 44	20 55	0 22	12 12	16 45	10 30	11 8	2 41	9 13	0 2
W23	6 16	5 0	3 54	12 14	1 42	14 17	1 6	6 35	0 56	20 27	0 29	4 44	2 18	10 9	0 44	20 55	0 22	12 12	16 45	10 28	11 7	2 39	9 14	0 1
T 24	5 52	0 4	2 53	12 28	1 28	13 53	1 8	6 16	0 56	20 29	0 29	4 47	2 18	10 8	0 44	20 55	0 22	12 11	16 45	10 26	11 6	2 37	9 15	0 1
F 25	5 29	4s51	1 39	12 40	1 14	13 29	1 9	5 58	0 55	20 30	0 28	4 50	2 18	10 6	0 44	20 55	0 22	12 10	16 45	10 25	11 4	2 35	9 16	0 1
S 26	5 6	9 22	0 20	12 50	1 0	13 5	1 11	5 39	0 55	20 32	0 28	4 53	2 18	10 5	0 44	20 55	0 22	12 10	16 45	10 24	11 3	2 33	9 18	0 1
S 27	4 43	13 12	0n59	12 57	0 46	12 40	1 12	5 20	0 55	20 33	0 28	4 55	2 18	10 4	0 44	20 56	0 22	12 9	16 44	10 24	11 2	2 31	9 19	0 1
M28	4s19	16s 9	2n11	13s 3	0n33	12s15	1s14	5s 2	0s54	20n35	0s28	4n58	2s18	10s 3	0s44	20n56	0s22	12s 8	16s44	10s25	11s 1	2s29	9n20	0n 1

Julian Day Number = 2300375.5, Delta T = 109.59 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'51, Lahiri = 18°04'51 Julian Calendar 1 Feb. 1586 == Greg. Calendar 11 Feb. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

MARCH 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 13 0	20♓ 6'07	5♐26	24♒23	2♓21	20♓12	4♊22	18♈ 9	5♓58	24°R24	8♈ 8	27♎ 0	28♎36	15♓36	24♈ 1	T 1
W 2	11 16 56	21° 5'48	18°37	24°53	3°36	20°59	4°30	18°16	6° 1	24♋23	8° 9	27°R 0	28°32	15°43	24° 4	W 2
T 3	11 20 53	22° 5'27	1♑26	25°29	4°50	21°46	4°38	18°23	6° 5	24°22	8°11	27° 0	28°29	15°49	24° 8	T 3
F 4	11 24 49	23° 5'05	13°56	26° 8	6° 4	22°32	4°46	18°31	6° 8	24°21	8°12	26°58	28°26	15°56	24°11	F 4
S 5	11 28 46	24° 4'40	26°12	26°51	7°19	23°19	4°55	18°38	6°11	24°21	8°13	26°55	28°23	16° 3	24°14	S 5
S 6	11 32 43	25° 4'14	8♒16	27°37	8°33	24° 6	5° 3	18°45	6°15	24°20	8°15	26°50	28°20	16° 9	24°18	S 6
M 7	11 36 39	26° 3'46	20°13	28°28	9°47	24°53	5°12	18°52	6°18	24°19	8°16	26°44	28°17	16°16	24°21	M 7
T 8	11 40 36	27° 3'16	2♓ 5	29°21	11° 2	25°39	5°20	18°59	6°21	24°19	8°18	26°39	28°13	16°23	24°25	T 8
W 9	11 44 32	28° 2'44	13°55	0♓17	12°16	26°26	5°29	19° 7	6°25	24°18	8°19	26°34	28°10	16°29	24°28	W 9
T 10	11 48 29	29° 2'10	25°44	1°16	13°30	27°12	5°38	19°14	6°28	24°18	8°21	26°29	28° 7	16°36	24°32	T 10
F 11	11 52 25	0♈ 1'34	7♈35	2°18	14°45	27°59	5°47	19°21	6°31	24°17	8°22	26°27	28° 4	16°43	24°36	F 11
S 12	11 56 22	1° 0'56	19°29	3°23	15°59	28°45	5°56	19°29	6°34	24°17	8°23	26°25	28° 1	16°49	24°39	S 12
S 13	12 0 18	2° 0'16	1♉28	4°29	17°13	29°32	6° 6	19°36	6°38	24°16	8°25	26°D25	27°57	16°56	24°43	S 13
M14	12 4 15	2°59'33	13°36	5°38	18°28	0♈18	6°15	19°44	6°41	24°16	8°26	26°26	27°54	17° 3	24°47	M14
T 15	12 8 11	3°58'49	25°54	6°50	19°42	1° 4	6°25	19°51	6°44	24°16	8°28	26°28	27°51	17°10	24°50	T 15
W16	12 12 8	4°58'02	8♊27	8° 3	20°56	1°51	6°34	19°58	6°47	24°15	8°29	26°29	27°48	17°16	24°54	W16
T 17	12 16 5	5°57'13	21°17	9°19	22°10	2°37	6°44	20° 6	6°50	24°15	8°31	26°30	27°45	17°23	24°58	T 17
F 18	12 20 1	6°56'21	4♋28	10°36	23°25	3°23	6°54	20°13	6°53	24°15	8°32	26°R31	27°42	17°30	25° 1	F 18
S 19	12 23 58	7°55'28	18° 3	11°55	24°39	4° 9	7° 4	20°21	6°56	24°14	8°33	26°31	27°38	17°36	25° 5	S 19
S 20	12 27 54	8°54'32	2♌ 2	13°17	25°53	4°56	7°14	20°29	6°59	24°14	8°35	26°30	27°35	17°43	25° 9	S 20
M21	12 31 51	9°53'33	16°26	14°40	27° 7	5°42	7°24	20°36	7° 2	24°14	8°36	26°28	27°32	17°50	25°13	M21
T 22	12 35 47	10°52'32	1♍10	16° 4	28°21	6°28	7°35	20°44	7° 5	24°14	8°38	26°26	27°29	17°56	25°16	T 22
W23	12 39 44	11°51'29	16°10	17°31	29°36	7°14	7°45	20°51	7° 8	24°14	8°39	26°24	27°26	18° 3	25°20	W23
T 24	12 43 40	12°50'23	1♎18	18°59	0♈50	8° 0	7°56	20°59	7°11	24°14	8°41	26°23	27°23	18°10	25°24	T 24
F 25	12 47 37	13°49'16	16°24	20°28	2° 4	8°46	8° 6	21° 6	7°14	24°14	8°42	26°22	27°19	18°16	25°28	F 25
S 26	12 51 34	14°48'06	1♏19	22° 0	3°18	9°32	8°17	21°14	7°17	24°D14	8°44	26°D22	27°16	18°23	25°32	S 26
S 27	12 55 30	15°46'55	15°56	23°33	4°32	10°18	8°28	21°22	7°20	24°14	8°45	26°22	27°13	18°30	25°35	S 27
M28	12 59 27	16°45'42	0♐ 9	25° 7	5°46	11° 3	8°38	21°29	7°23	24°14	8°46	26°23	27°10	18°36	25°39	M28
T 29	13 3 23	17°44'27	13°55	26°44	7° 0	11°49	8°49	21°37	7°26	24°14	8°48	26°24	27° 7	18°43	25°43	T 29
W30	13 7 20	18°43'10	27°15	28°22	8°15	12°35	9° 0	21°44	7°29	24°14	8°49	26°25	27° 3	18°50	25°47	W30
T 31	13 11 16	19♈41'52	10♑10	0♈ 1	9♈29	13♈21	9♊12	21♈52	7♓31	24♋14	8♈51	26♎25	27♎ 0	18♓56	25♈51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s56	18s 4	3n14	13s 7	0n20	11s50	1s15	4s43	0s54	20n37	0s28	5n 1	2s17	10s 1	0s44	20n56	0s22	12s 8	16s44	10s25	11s 0	2s27	9n21	0n 1
W 2	3 32	18 56	4 5	13 8	0 7	11 24	1 16	4 24	0 53	20 38	0 27	5 4	2 17	10 0	0 44	20 56	0 22	12 7	16 44	10 26	10 59	2 25	9 22	0 1
T 3	3 9	18 47	4 42	13 8	0s 5	10 58	1 18	4 5	0 53	20 40	0 27	5 7	2 17	9 59	0 44	20 56	0 22	12 7	16 44	10 26	10 58	2 23	9 23	0 1
F 4	2 45	17 43	5 4	13 6	0 16	10 31	1 19	3 46	0 53	20 42	0 27	5 9	2 17	9 58	0 44	20 56	0 22	12 6	16 44	10 25	10 56	2 21	9 25	0 1
S 5	2 21	15 51	5 12	13 1	0 28	10 5	1 20	3 27	0 52	20 43	0 27	5 12	2 17	9 56	0 44	20 56	0 22	12 5	16 44	10 24	10 55	2 19	9 26	0 1
S 6	1 58	13 19	5 6	12 56	0 38	9 38	1 21	3 8	0 52	20 45	0 27	5 15	2 17	9 55	0 44	20 57	0 22	12 5	16 44	10 22	10 54	2 17	9 27	0 1
M 7	1 34	10 15	4 46	12 48	0 49	9 11	1 22	2 50	0 51	20 47	0 26	5 18	2 17	9 54	0 44	20 57	0 21	12 4	16 44	10 20	10 53	2 15	9 28	0 1
T 8	1 10	6 47	4 15	12 38	0 59	8 43	1 23	2 31	0 51	20 48	0 26	5 21	2 17	9 53	0 44	20 57	0 21	12 3	16 44	10 18	10 52	2 13	9 29	0 0
W 9	0 47	3 4	3 32	12 27	1 8	8 16	1 24	2 12	0 50	20 50	0 26	5 23	2 17	9 52	0 44	20 57	0 21	12 3	16 44	10 16	10 51	2 11	9 31	0 0
T 10	0 23	0n45	2 41	12 14	1 17	7 48	1 24	1 53	0 50	20 52	0 26	5 26	2 17	9 50	0 44	20 57	0 21	12 2	16 43	10 14	10 50	2 9	9 32	0 0
F 11	0n 1	4 34	1 42	12 0	1 25	7 20	1 25	1 34	0 50	20 54	0 26	5 29	2 17	9 49	0 44	20 57	0 21	12 2	16 43	10 13	10 49	2 7	9 33	0 0
S 12	0 24	8 14	0 38	11 44	1 33	6 51	1 26	1 15	0 49	20 55	0 26	5 32	2 16	9 48	0 44	20 57	0 21	12 1	16 43	10 13	10 47	2 5	9 34	0 0
S 13	0 48	11 35	0s28	11 26	1 40	6 23	1 26	0 56	0 49	20 57	0 25	5 35	2 16	9 47	0 44	20 57	0 21	12 0	16 43	10 13	10 46	2 3	9 36	0 0
M14	1 12	14 28	1 33	11 7	1 47	5 54	1 27	0 37	0 48	20 59	0 25	5 38	2 16	9 46	0 44	20 58	0 21	12 0	16 43	10 13	10 45	2 1	9 37	0s 0
T 15	1 35	16 45	2 36	10 47	1 53	5 25	1 27	0 18	0 48	21 1	0 25	5 41	2 16	9 44	0 44	20 58	0 21	11 59	16 43	10 14	10 44	1 59	9 38	0 0
W16	1 59	18 17	3 32	10 25	1 59	4 57	1 28	0n 1	0 47	21 3	0 25	5 43	2 16	9 43	0 44	20 58	0 21	11 59	16 43	10 14	10 43	1 57	9 39	0 0
T 17	2 22	18 54	4 19	10 1	2 5	4 27	1 28	0 20	0 47	21 4	0 25	5 46	2 16	9 42	0 44	20 58	0 21	11 58	16 43	10 15	10 42	1 55	9 41	0 0
F 18	2 46	18 32	4 53	9 36	2 9	3 58	1 28	0 38	0 46	21 6	0 25	5 49	2 16	9 41	0 44	20 58	0 21	11 58	16 43	10 15	10 41	1 53	9 42	0 0
S 19	3 9	17 6	5 13	9 10	2 14	3 29	1 28	0 57	0 46	21 8	0 24	5 52	2 16	9 40	0 44	20 58	0 21	11 57	16 43	10 15	10 39	1 51	9 43	0 0
S 20	3 32	14 38	5 15	8 42	2 18	3 0	1 28	1 16	0 45	21 10	0 24	5 55	2 16	9 39	0 44	20 58	0 21	11 56	16 43	10 15	10 38	1 49	9 45	0 1
M21	3 56	11 13	4 57	8 13	2 21	2 30	1 28	1 35	0 45	21 12	0 24	5 58	2 16	9 38	0 44	20 58	0 21	11 56	16 43	10 14	10 37	1 47	9 46	0 1
T 22	4 19	7 2	4 20	7 43	2 24	2 0	1 28	1 54	0 44	21 14	0 24	6 1	2 16	9 37	0 44	20 58	0 21	11 55	16 43	10 13	10 36	1 45	9 47	0 1
W23	4 42	2 19	3 25	7 11	2 26	1 31	1 28	2 12	0 44	21 16	0 24	6 4	2 16	9 36	0 44	20 58	0 21	11 55	16 43	10 13	10 35	1 43	9 49	0 1
T 24	5 5	2s34	2 15	6 38	2 28	1 1	1 28	2 31	0 43	21 17	0 24	6 6	2 16	9 34	0 44	20 58	0 21	11 54	16 43	10 12	10 34	1 42	9 50	0 1
F 25	5 28	7 18	0 55	6 4	2 29	0 31	1 28	2 49	0 43	21 19	0 23	6 9	2 16	9 33	0 44	20 58	0 21	11 54	16 43	10 12	10 33	1 40	9 51	0 1
S 26	5 51	11 32	0n27	5 29	2 30	0 2	1 28	3 8	0 42	21 21	0 23	6 12	2 16	9 32	0 44	20 58	0 21	11 53	16 43	10 12	10 31	1 38	9 53	0 1
S 27	6 13	14 57	1 47	4 52	2 30	0n28	1 27	3 27	0 42	21 23	0 23	6 15	2 16	9 31	0 44	20 58	0 21	11 53	16 43	10 12	10 30	1 36	9 54	0 1
M28	6 36	17 21	2 57	4 14	2 30	0 58	1 27	3 45	0 41	21 25	0 23	6 18	2 16	9 30	0 44	20 58	0 21	11 52	16 43	10 12	10 29	1 34	9 55	0 1
T 29	6 59	18 38	3 54	3 35	2 30	1 28	1 26	4 3	0 41	21 27	0 23	6 21	2 16	9 29	0 44	20 58	0 21	11 52	16 43	10 12	10 28	1 32	9 57	0 1
W30	7 21	18 50	4 38	2 55	2 28	1 58	1 26	4 22	0 40	21 28	0 23	6 24	2 16	9 28	0 44	20 58	0 21	11 51	16 43	10 13	10 27	1 30	9 58	0 1
T 31	7n43	18s 2	5n 5	2s14	2s27	2n27	1s25	4n40	0s40	21n30	0s23	6n26	2s16	9s27	0s44	20n58	0s21	11s51	16s44	10s13	10s26	1s28	9n59	0s 1

Julian Day Number = 2300403.5, Delta T = 109.46 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'55, Lahiri = 18°04'55 Julian Calendar 1 March 1586 == Greg. Calendar 11 March 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

APRIL 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 15 13	20♈40'32	22♉44	1♈42	10♈43	14♈ 6	9♊23	22♈ 0	7♓34	24♋14	8♈52	26°R25	26♎57	19♓ 3	25♈55	F 1
S 2	13 19 9	21°39'10	5♒ 0	3°25	11°57	14°52	9°34	22° 7	7°37	24°14	8°54	26♎25	26°54	19°10	25°58	S 2
S 3	13 23 6	22°37'47	17° 3	5° 9	13°11	15°37	9°46	22°15	7°39	24°15	8°55	26°25	26°51	19°16	26° 2	S 3
M 4	13 27 3	23°36'21	28°58	6°55	14°25	16°23	9°57	22°23	7°42	24°15	8°56	26°24	26°48	19°23	26° 6	M 4
T 5	13 30 59	24°34'54	10♓47	8°42	15°39	17° 8	10° 9	22°30	7°45	24°15	8°58	26°24	26°44	19°30	26°10	T 5
W 6	13 34 56	25°33'26	22°36	10°32	16°53	17°54	10°20	22°38	7°47	24°16	8°59	26°24	26°41	19°36	26°14	W 6
T 7	13 38 52	26°31'55	4♈26	12°22	18° 7	18°39	10°32	22°46	7°50	24°16	9° 1	26°D24	26°38	19°43	26°18	T 7
F 8	13 42 49	27°30'23	16°21	14°15	19°21	19°24	10°44	22°53	7°52	24°16	9° 2	26°24	26°35	19°50	26°22	F 8
S 9	13 46 45	28°28'49	28°24	16° 9	20°35	20°10	10°56	23° 1	7°55	24°17	9° 3	26°R24	26°32	19°56	26°26	S 9
S 10	13 50 42	29°27'13	10♉35	18° 5	21°49	20°55	11° 7	23° 8	7°57	24°17	9° 5	26°24	26°29	20° 3	26°30	S 10
M11	13 54 38	0♉25'35	22°57	20° 2	23° 3	21°40	11°19	23°16	8° 0	24°18	9° 6	26°23	26°25	20°10	26°33	M11
T 12	13 58 35	1°23'55	5♊31	22° 1	24°17	22°25	11°31	23°24	8° 2	24°18	9° 7	26°23	26°22	20°16	26°37	T 12
W13	14 2 31	2°22'13	18°18	24° 2	25°31	23°10	11°44	23°31	8° 4	24°19	9° 9	26°22	26°19	20°23	26°41	W13
T 14	14 6 28	3°20'30	1♋21	26° 4	26°45	23°55	11°56	23°39	8° 7	24°20	9°10	26°21	26°16	20°30	26°45	T 14
F 15	14 10 25	4°18'44	14°39	28° 7	27°59	24°40	12° 8	23°46	8° 9	24°20	9°12	26°21	26°13	20°36	26°49	F 15
S 16	14 14 21	5°16'56	28°14	0♌12	29°13	25°25	12°20	23°54	8°11	24°21	9°13	26°20	26° 9	20°43	26°53	S 16
S 17	14 18 18	6°15'07	12♎ 7	2°18	0♌27	26°10	12°33	24° 1	8°14	24°22	9°14	26°D20	26° 6	20°50	26°57	S 17
M18	14 22 14	7°13'15	26°17	4°26	1°41	26°55	12°45	24° 9	8°16	24°22	9°15	26°21	26° 3	20°56	27° 0	M18
T 19	14 26 11	8°11'21	10♏42	6°34	2°55	27°40	12°58	24°17	8°18	24°23	9°17	26°22	26° 0	21° 3	27° 4	T 19
W20	14 30 7	9° 9'25	25°20	8°43	4° 9	28°24	13°10	24°24	8°20	24°24	9°18	26°22	25°57	21°10	27° 8	W20
T 21	14 34 4	10° 7'27	10♐ 4	10°53	5°23	29° 9	13°23	24°31	8°22	24°25	9°19	26°23	25°54	21°16	27°12	T 21
F 22	14 38 0	11° 5'27	24°50	13° 3	6°37	29°54	13°35	24°39	8°24	24°26	9°21	26°R24	25°50	21°23	27°16	F 22
S 23	14 41 57	12° 3'26	9♏31	15°14	7°51	0♌38	13°48	24°46	8°26	24°27	9°22	26°23	25°47	21°30	27°20	S 23
S 24	14 45 54	13° 1'23	23°59	17°24	9° 4	1°23	14° 1	24°54	8°28	24°28	9°23	26°22	25°44	21°36	27°23	S 24
M25	14 49 50	13°59'19	8♐ 9	19°34	10°18	2° 7	14°14	25° 1	8°30	24°28	9°24	26°20	25°41	21°43	27°27	M25
T 26	14 53 47	14°57'13	21°57	21°43	11°32	2°52	14°27	25° 8	8°31	24°29	9°26	26°18	25°38	21°50	27°31	T 26
W27	14 57 43	15°55'06	5♑21	23°51	12°46	3°36	14°39	25°16	8°33	24°30	9°27	26°15	25°34	21°56	27°35	W27
T 28	15 1 40	16°52'57	18°21	25°58	14° 0	4°20	14°52	25°23	8°35	24°32	9°28	26°13	25°31	22° 3	27°38	T 28
F 29	15 5 36	17°50'48	0♒58	28° 3	15°14	5° 5	15° 5	25°30	8°37	24°33	9°29	26°11	25°28	22°10	27°42	F 29
S 30	15 9 33	18♌48'36	13♒17	0♊ 7	16♌28	5♌49	15♊18	25♈38	8♓38	24♋34	9♈30	26♎10	25♎25	22♓16	27♈46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 5	16s21	5n17	1s32	2s24	2n57	1s25	4n58	0s39	21n32	0s22	6n29	2s16	9s26	0s44	20n58	0s21	11s50	16s44	10s13	10s25	1s26	10n 1	0s 1
S 2	8 27	13 58	5 14	0 48	2 22	3 27	1 24	5 16	0 39	21 34	0 22	6 32	2 16	9 25	0 44	20 58	0 21	11 50	16 44	10 13	10 23	1 24	10 2	0 2
S 3	8 49	11 2	4 57	0 4	2 18	3 56	1 23	5 35	0 38	21 36	0 22	6 35	2 16	9 24	0 44	20 58	0 21	11 49	16 44	10 13	10 22	1 22	10 3	0 2
M 4	9 11	7 40	4 28	0n41	2 15	4 26	1 22	5 53	0 38	21 38	0 22	6 38	2 16	9 23	0 44	20 58	0 21	11 49	16 44	10 13	10 21	1 20	10 5	0 2
T 5	9 33	4 2	3 47	1 28	2 10	4 55	1 21	6 11	0 37	21 40	0 22	6 41	2 16	9 22	0 45	20 58	0 21	11 48	16 44	10 12	10 20	1 18	10 6	0 2
W 6	9 54	0 14	2 57	2 15	2 5	5 25	1 20	6 28	0 36	21 41	0 22	6 44	2 16	9 21	0 45	20 58	0 21	11 48	16 44	10 12	10 19	1 16	10 7	0 2
T 7	10 15	3n35	1 59	3 3	2 0	5 54	1 19	6 46	0 36	21 43	0 22	6 46	2 16	9 20	0 45	20 58	0 21	11 47	16 44	10 12	10 18	1 14	10 9	0 2
F 8	10 36	7 18	0 56	3 52	1 54	6 23	1 18	7 4	0 35	21 45	0 21	6 49	2 16	9 19	0 45	20 58	0 21	11 47	16 44	10 12	10 16	1 12	10 10	0 2
S 9	10 57	10 45	0s11	4 42	1 48	6 52	1 17	7 22	0 35	21 47	0 21	6 52	2 16	9 19	0 45	20 58	0 21	11 46	16 44	10 12	10 15	1 10	10 11	0 2
S 10	11 18	13 48	1 18	5 33	1 41	7 21	1 16	7 39	0 34	21 49	0 21	6 55	2 16	9 18	0 45	20 58	0 21	11 46	16 44	10 12	10 14	1 8	10 13	0 2
M11	11 39	16 15	2 22	6 24	1 34	7 49	1 15	7 57	0 34	21 50	0 21	6 58	2 16	9 17	0 45	20 58	0 21	11 46	16 45	10 12	10 13	1 6	10 14	0 2
T 12	11 59	17 59	3 21	7 16	1 26	8 18	1 13	8 14	0 33	21 52	0 21	7 0	2 16	9 16	0 45	20 58	0 21	11 45	16 45	10 12	10 12	1 4	10 15	0 2
W13	12 19	18 49	4 10	8 8	1 18	8 46	1 12	8 31	0 33	21 54	0 21	7 3	2 16	9 15	0 45	20 58	0 21	11 45	16 45	10 12	10 11	1 2	10 17	0 2
T 14	12 39	18 41	4 48	9 1	1 9	9 14	1 11	8 48	0 32	21 56	0 21	7 6	2 16	9 14	0 45	20 58	0 21	11 44	16 45	10 12	10 10	1 0	10 18	0 2
F 15	12 59	17 32	5 11	9 53	1 0	9 42	1 9	9 5	0 31	21 57	0 20	7 9	2 16	9 13	0 45	20 57	0 21	11 44	16 45	10 11	10 8	0 58	10 19	0 3
S 16	13 19	15 23	5 17	10 46	0 51	10 10	1 8	9 22	0 31	21 59	0 20	7 11	2 16	9 13	0 45	20 57	0 21	11 44	16 45	10 11	10 7	0 56	10 20	0 3
S 17	13 38	12 18	5 5	11 39	0 41	10 37	1 6	9 39	0 30	22 1	0 20	7 14	2 16	9 12	0 45	20 57	0 21	11 43	16 45	10 11	10 6	0 54	10 22	0 3
M18	13 57	8 28	4 35	12 32	0 31	11 4	1 5	9 56	0 30	22 3	0 20	7 17	2 16	9 11	0 45	20 57	0 21	11 43	16 46	10 11	10 5	0 52	10 23	0 3
T 19	14 16	4 4	3 47	13 24	0 21	11 31	1 3	10 13	0 29	22 4	0 20	7 20	2 16	9 10	0 45	20 57	0 21	11 43	16 46	10 12	10 4	0 50	10 24	0 3
W20	14 35	0s39	2 44	14 16	0 11	11 58	1 1	10 29	0 28	22 6	0 20	7 22	2 16	9 9	0 45	20 57	0 20	11 42	16 46	10 12	10 3	0 48	10 26	0 3
T 21	14 53	5 22	1 29	15 7	0 0	12 24	1 0	10 46	0 28	22 8	0 20	7 25	2 16	9 9	0 45	20 57	0 20	11 42	16 46	10 12	10 1	0 47	10 27	0 3
F 22	15 11	9 46	0 9	15 57	0n10	12 51	0 58	11 2	0 27	22 9	0 20	7 28	2 16	9 8	0 45	20 57	0 20	11 42	16 46	10 12	10 0	0 45	10 28	0 3
S 23	15 29	13 33	1n12	16 46	0 21	13 16	0 56	11 18	0 27	22 11	0 19	7 30	2 16	9 7	0 45	20 57	0 20	11 41	16 46	10 12	9 59	0 43	10 30	0 3
S 24	15 47	16 26	2 27	17 34	0 32	13 42	0 54	11 34	0 26	22 13	0 19	7 33	2 16	9 7	0 45	20 56	0 20	11 41	16 47	10 12	9 58	0 41	10 31	0 3
M25	16 4	18 15	3 31	18 20	0 42	14 7	0 52	11 50	0 25	22 14	0 19	7 36	2 16	9 6	0 45	20 56	0 20	11 41	16 47	10 11	9 57	0 39	10 32	0 3
T 26	16 21	18 54	4 21	19 4	0 52	14 32	0 50	12 6	0 25	22 16	0 19	7 38	2 16	9 5	0 45	20 56	0 20	11 40	16 47	10 10	9 56	0 37	10 33	0 3
W27	16 38	18 28	4 55	19 46	1 2	14 56	0 48	12 22	0 24	22 18	0 19	7 41	2 16	9 5	0 45	20 56	0 20	11 40	16 47	10 9	9 54	0 35	10 35	0 3
T 28	16 55	17 4	5 13	20 26	1 11	15 20	0 46	12 37	0 24	22 19	0 19	7 43	2 16	9 4	0 45	20 56	0 20	11 40	16 47	10 8	9 53	0 33	10 36	0 4
F 29	17 11	14 52	5 14	21 4	1 20	15 44	0 44	12 53	0 23	22 21	0 19	7 46	2 16	9 3	0 45	20 56	0 20	11 40	16 48	10 8	9 52	0 31	10 37	0 4
S 30	17n27	12s 3	5n 2	21n40	1n29	16n 7	0s42	13n 8	0s22	22n22	0s19	7n48	2s17	9s 3	0s45	20n55	0s20	11s39	16s48	10s 7	9s51	0s29	10n39	0s 4

Julian Day Number = 2300434.5, Delta T = 109.32 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'59, Lahiri = 18°04'59 Julian Calendar 1 Apr. 1586 == Greg. Calendar 11 Apr. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

MAY 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 29	19♉46'24	25♒22	2♊ 8	17♉41	6♉33	15♊31	25♈45	8♓40	24♋35	9♈31	26°D10	25♎22	22♓23	27♈49	S 1
M 2	15 17 26	20°44'11	7♓16	4° 8	18°55	7°17	15°45	25°52	8°42	24°36	9°33	26♎11	25°19	22°30	27°53	M 2
T 3	15 21 23	21°41'56	19° 6	6° 4	20° 9	8° 1	15°58	25°59	8°43	24°37	9°34	26°12	25°15	22°36	27°57	T 3
W 4	15 25 19	22°39'40	0♈55	7°59	21°23	8°45	16°11	26° 6	8°45	24°38	9°35	26°14	25°12	22°43	28° 0	W 4
T 5	15 29 16	23°37'24	12°49	9°50	22°37	9°29	16°24	26°14	8°46	24°40	9°36	26°16	25° 9	22°50	28° 4	T 5
F 6	15 33 12	24°35'06	24°50	11°39	23°50	10°13	16°37	26°21	8°48	24°41	9°37	26°R16	25° 6	22°56	28° 7	F 6
S 7	15 37 9	25°32'46	7♉ 2	13°25	25° 4	10°57	16°51	26°28	8°49	24°42	9°38	26°16	25° 3	23° 3	28°11	S 7
S 8	15 41 5	26°30'26	19°27	15° 8	26°18	11°40	17° 4	26°35	8°50	24°44	9°39	26°14	25° 0	23°10	28°15	S 8
M 9	15 45 2	27°28'04	2♊ 7	16°49	27°32	12°24	17°17	26°42	8°51	24°45	9°40	26°11	24°56	23°16	28°18	M 9
T 10	15 48 58	28°25'42	15° 1	18°26	28°46	13° 8	17°31	26°48	8°53	24°46	9°41	26° 6	24°53	23°23	28°22	T 10
W11	15 52 55	29°23'18	28°10	20° 0	29°59	13°51	17°44	26°55	8°54	24°48	9°42	26° 1	24°50	23°30	28°25	W11
T 12	15 56 52	0♊20'52	11♋34	21°30	1♊13	14°35	17°58	27° 2	8°55	24°49	9°43	25°55	24°47	23°36	28°29	T 12
F 13	16 0 48	1°18'26	25° 9	22°58	2°27	15°18	18°11	27° 9	8°56	24°51	9°44	25°51	24°44	23°43	28°32	F 13
S 14	16 4 45	2°15'58	8♌56	24°22	3°41	16° 2	18°24	27°16	8°57	24°52	9°45	25°47	24°40	23°50	28°35	S 14
S 15	16 8 41	3°13'28	22°53	25°43	4°54	16°45	18°38	27°22	8°58	24°54	9°46	25°45	24°37	23°56	28°39	S 15
M16	16 12 38	4°10'57	6♍58	27° 1	6° 8	17°29	18°52	27°29	8°59	24°55	9°47	25°D45	24°34	24° 3	28°42	M16
T 17	16 16 34	5° 8'25	21°10	28°16	7°22	18°12	19° 5	27°36	9° 0	24°57	9°48	25°46	24°31	24°10	28°45	T 17
W18	16 20 31	6° 5'52	5♎28	29°27	8°36	18°55	19°19	27°42	9° 1	24°58	9°49	25°47	24°28	24°16	28°49	W18
T 19	16 24 27	7° 3'17	19°48	0♋35	9°49	19°38	19°32	27°49	9° 2	25° 0	9°50	25°R48	24°25	24°23	28°52	T 19
F 20	16 28 24	8° 0'41	4♏ 8	1°39	11° 3	20°21	19°46	27°55	9° 2	25° 1	9°51	25°48	24°21	24°30	28°55	F 20
S 21	16 32 21	8°58'04	18°24	2°39	12°17	21° 4	19°59	28° 2	9° 3	25° 3	9°52	25°46	24°18	24°36	28°58	S 21
S 22	16 36 17	9°55'26	2♐31	3°36	13°31	21°47	20°13	28° 8	9° 4	25° 5	9°52	25°42	24°15	24°43	29° 1	S 22
M23	16 40 14	10°52'47	16°26	4°29	14°44	22°30	20°27	28°14	9° 4	25° 6	9°53	25°36	24°12	24°50	29° 5	M23
T 24	16 44 10	11°50'07	0♑ 3	5°19	15°58	23°13	20°40	28°21	9° 5	25° 8	9°54	25°29	24° 9	24°56	29° 8	T 24
W25	16 48 7	12°47'27	13°21	6° 4	17°12	23°56	20°54	28°27	9° 5	25°10	9°55	25°21	24° 6	25° 3	29°11	W25
T 26	16 52 3	13°44'46	26°19	6°46	18°25	24°39	21° 8	28°33	9° 6	25°12	9°55	25°14	24° 2	25°10	29°14	T 26
F 27	16 56 0	14°42'05	8♒56	7°23	19°39	25°22	21°21	28°39	9° 6	25°13	9°56	25° 7	23°59	25°16	29°17	F 27
S 28	16 59 56	15°39'23	21°16	7°57	20°53	26° 4	21°35	28°45	9° 7	25°15	9°57	25° 2	23°56	25°23	29°20	S 28
S 29	17 3 53	16°36'40	3♓21	8°25	22° 6	26°47	21°49	28°51	9° 7	25°17	9°58	24°59	23°53	25°30	29°23	S 29
M30	17 7 50	17°33'57	15°16	8°50	23°20	27°29	22° 3	28°57	9° 7	25°19	9°58	24°D58	23°50	25°36	29°26	M30
T 31	17 11 46	18♊31'14	27♓ 6	9♋10	24♊34	28♉12	22♊16	29♈ 3	9♓ 7	25♋21	9♈59	24♎58	23♎46	25♓43	29♈28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n43	8s46	4n36	22n13	1n37	16n30	0s40	13n23	0s22	22n24	0s18	7n51	2s17	9s 2	0s45	20n55	0s20	11s39	16s48	10s 7	9s50	0s27	10n40	0s 4
M 2	17 59	5 10	3 58	22 43	1 44	16 53	0 38	13 38	0 21	22 25	0 18	7 54	2 17	9 2	0 45	20 55	0 20	11 39	16 48	10 8	9 49	0 25	10 41	0 4
T 3	18 14	1 24	3 11	23 11	1 50	17 15	0 36	13 53	0 20	22 27	0 18	7 56	2 17	9 1	0 45	20 55	0 20	11 39	16 49	10 8	9 48	0 23	10 42	0 4
W 4	18 29	2n26	2 15	23 36	1 56	17 36	0 34	14 8	0 20	22 28	0 18	7 59	2 17	9 1	0 45	20 55	0 20	11 38	16 49	10 9	9 46	0 21	10 43	0 4
T 5	18 43	6 12	1 13	23 59	2 2	17 57	0 31	14 23	0 19	22 30	0 18	8 1	2 17	9 0	0 45	20 54	0 20	11 38	16 49	10 9	9 45	0 19	10 45	0 4
F 6	18 57	9 46	0 8	24 19	2 6	18 18	0 29	14 37	0 19	22 31	0 18	8 3	2 17	9 0	0 46	20 54	0 20	11 38	16 49	10 10	9 44	0 17	10 46	0 4
S 7	19 11	12 58	0s59	24 36	2 10	18 38	0 27	14 51	0 18	22 33	0 18	8 6	2 17	8 59	0 46	20 54	0 20	11 38	16 50	10 10	9 43	0 15	10 47	0 4
S 8	19 25	15 39	2 4	24 51	2 13	18 58	0 25	15 6	0 17	22 34	0 18	8 8	2 17	8 59	0 46	20 54	0 20	11 38	16 50	10 9	9 42	0 13	10 48	0 4
M 9	19 38	17 38	3 4	25 4	2 15	19 17	0 22	15 20	0 17	22 35	0 18	8 11	2 17	8 58	0 46	20 54	0 20	11 38	16 50	10 8	9 41	0 11	10 49	0 4
T 10	19 51	18 45	3 55	25 15	2 16	19 36	0 20	15 33	0 16	22 37	0 17	8 13	2 17	8 58	0 46	20 53	0 20	11 37	16 50	10 6	9 39	0 9	10 51	0 5
W11	20 4	18 53	4 36	25 23	2 16	19 54	0 18	15 47	0 15	22 38	0 17	8 16	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 4	9 38	0 8	10 52	0 5
T 12	20 16	17 58	5 2	25 29	2 16	20 12	0 15	16 1	0 15	22 40	0 17	8 18	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 2	9 37	0 6	10 53	0 5
F 13	20 28	16 3	5 11	25 33	2 15	20 29	0 13	16 14	0 14	22 41	0 17	8 20	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 0	9 36	0 4	10 54	0 5
S 14	20 40	13 11	5 3	25 35	2 13	20 45	0 11	16 27	0 14	22 42	0 17	8 23	2 18	8 56	0 46	20 52	0 20	11 37	16 51	9 59	9 35	0 2	10 55	0 5
S 15	20 51	9 33	4 37	25 35	2 10	21 1	0 8	16 40	0 13	22 43	0 17	8 25	2 18	8 56	0 46	20 52	0 20	11 37	16 52	9 58	9 34	0n 0	10 56	0 5
M16	21 2	5 20	3 55	25 34	2 6	21 17	0 6	16 53	0 12	22 45	0 17	8 27	2 18	8 56	0 46	20 52	0 20	11 37	16 52	9 58	9 32	0 2	10 57	0 5
T 17	21 12	0 48	2 57	25 31	2 2	21 32	0 4	17 6	0 12	22 46	0 17	8 29	2 18	8 55	0 46	20 52	0 20	11 37	16 52	9 59	9 31	0 4	10 59	0 5
W18	21 22	3s50	1 48	25 26	1 57	21 46	0 1	17 19	0 11	22 47	0 17	8 32	2 18	8 55	0 46	20 51	0 20	11 37	16 53	9 59	9 30	0 6	11 0	0 5
T 19	21 32	8 16	0 33	25 20	1 51	21 59	0n 1	17 31	0 10	22 48	0 16	8 34	2 19	8 55	0 46	20 51	0 20	11 36	16 53	9 59	9 29	0 8	11 1	0 5
F 20	21 41	12 13	0n45	25 13	1 44	22 12	0 4	17 43	0 10	22 49	0 16	8 36	2 19	8 55	0 46	20 51	0 20	11 36	16 53	9 59	9 28	0 10	11 2	0 5
S 21	21 51	15 26	1 59	25 4	1 36	22 25	0 6	17 55	0 9	22 51	0 16	8 38	2 19	8 54	0 46	20 51	0 20	11 36	16 54	9 59	9 27	0 12	11 3	0 5
S 22	21 59	17 41	3 6	24 54	1 28	22 36	0 8	18 7	0 8	22 52	0 16	8 40	2 19	8 54	0 46	20 50	0 20	11 36	16 54	9 57	9 25	0 14	11 4	0 6
M23	22 7	18 50	3 59	24 43	1 19	22 47	0 11	18 19	0 8	22 53	0 16	8 42	2 19	8 54	0 46	20 50	0 20	11 36	16 54	9 55	9 24	0 16	11 5	0 6
T 24	22 15	18 51	4 38	24 32	1 9	22 58	0 13	18 30	0 7	22 54	0 16	8 44	2 19	8 54	0 46	20 50	0 20	11 36	16 54	9 52	9 23	0 18	11 6	0 6
W25	22 23	17 49	5 1	24 19	0 58	23 8	0 15	18 42	0 6	22 55	0 16	8 46	2 19	8 54	0 46	20 49	0 20	11 36	16 55	9 50	9 22	0 20	11 7	0 6
T 26	22 30	15 54	5 8	24 5	0 46	23 17	0 18	18 53	0 6	22 56	0 16	8 49	2 20	8 53	0 46	20 49	0 20	11 36	16 55	9 47	9 21	0 22	11 8	0 6
F 27	22 37	13 15	4 59	23 51	0 34	23 25	0 20	19 4	0 5	22 57	0 16	8 51	2 20	8 53	0 46	20 49	0 20	11 36	16 55	9 44	9 20	0 23	11 9	0 6
S 28	22 43	10 4	4 37	23 37	0 22	23 33	0 22	19 15	0 4	22 58	0 15	8 53	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 43	9 18	0 25	11 10	0 6
S 29	22 49	6 32	4 2	23 21	0 8	23 40	0 25	19 25	0 4	22 59	0 15	8 54	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 42	9 17	0 27	11 11	0 6
M30	22 54	2 47	3 17	23 6	0s 6	23 46	0 27	19 36	0 3	23 0	0 15	8 56	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 41	9 16	0 29	11 12	0 6
T 31	23n 0	1n 3	2n24	22n50	0s21	23n52	0n29	19n46	0s 2	23n 1	0s15	8n58	2s20	8s53	0s46	20n48	0s20	11s36	16s57	9s41	9s15	0n31	11n13	0s 6

Julian Day Number = 2300464.5, Delta T = 109.19 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'03, Lahiri = 18°05'04 Julian Calendar 1 May 1586 == Greg. Calendar 11 May 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

JUNE 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 15 43	19♊28'30	8♈56	9♋26	25♊47	28♉54	22♊30	29♈ 9	9♓ 8	25♋23	10♈ 0	24♎59	23♎43	25♓50	29♈31	W 1
T 2	17 19 39	20°25'46	20°51	9°37	27° 1	29°37	22°44	29°15	9° 8	25°24	10° 0	25°R 0	23°40	25°56	29°34	T 2
F 3	17 23 36	21°23'02	2♉57	9°44	28°15	0♊19	22°58	29°20	9° 8	25°26	10° 1	25° 0	23°37	26° 3	29°37	F 3
S 4	17 27 32	22°20'18	15°17	9°R46	29°29	1° 1	23°11	29°26	9°R 8	25°28	10° 1	24°58	23°34	26°10	29°39	S 4
S 5	17 31 29	23°17'33	27°54	9°43	0♋42	1°44	23°25	29°32	9° 8	25°30	10° 2	24°54	23°31	26°16	29°42	S 5
M 6	17 35 25	24°14'48	10♊50	9°37	1°56	2°26	23°39	29°37	9° 8	25°32	10° 2	24°47	23°27	26°23	29°45	M 6
T 7	17 39 22	25°12'03	24° 6	9°25	3°10	3° 8	23°52	29°43	9° 8	25°34	10° 3	24°38	23°24	26°30	29°47	T 7
W 8	17 43 19	26° 9'17	7♋40	9°10	4°23	3°50	24° 6	29°48	9° 7	25°36	10° 4	24°29	23°21	26°36	29°50	W 8
T 9	17 47 15	27° 6'31	21°29	8°50	5°37	4°32	24°20	29°53	9° 7	25°38	10° 4	24°19	23°18	26°43	29°52	T 9
F 10	17 51 12	28° 3'45	5♌29	8°27	6°51	5°14	24°34	29°58	9° 7	25°40	10° 4	24°10	23°15	26°50	29°55	F 10
S 11	17 55 8	29° 0'58	19°36	8° 1	8° 4	5°56	24°47	0♉ 4	9° 7	25°42	10° 5	24° 2	23°12	26°56	29°57	S 11
S 12	17 59 5	29°58'10	3♍47	7°32	9°18	6°38	25° 1	0° 9	9° 6	25°44	10° 5	23°57	23° 8	27° 3	29°59	S 12
M13	18 3 1	0♋55'22	17°59	7° 0	10°32	7°19	25°15	0°14	9° 6	25°46	10° 6	23°55	23° 5	27°10	0♉ 2	M13
T 14	18 6 58	1°52'34	2♎ 8	6°26	11°45	8° 1	25°28	0°19	9° 5	25°48	10° 6	23°D54	23° 2	27°16	0° 4	T 14
W15	18 10 54	2°49'45	16°15	5°51	12°59	8°43	25°42	0°24	9° 5	25°50	10° 6	23°R55	22°59	27°23	0° 6	W15
T 16	18 14 51	3°46'56	0♏17	5°14	14°13	9°24	25°56	0°28	9° 4	25°52	10° 7	23°55	22°56	27°30	0° 8	T 16
F 17	18 18 48	4°44'06	14°15	4°38	15°26	10° 6	26° 9	0°33	9° 4	25°55	10° 7	23°53	22°52	27°36	0°11	F 17
S 18	18 22 44	5°41'16	28° 6	4° 2	16°40	10°47	26°23	0°38	9° 3	25°57	10° 7	23°49	22°49	27°43	0°13	S 18
S 19	18 26 41	6°38'26	11♐48	3°26	17°54	11°29	26°37	0°42	9° 2	25°59	10° 8	23°43	22°46	27°50	0°15	S 19
M20	18 30 37	7°35'36	25°20	2°53	19° 7	12°10	26°50	0°47	9° 2	26° 1	10° 8	23°34	22°43	27°56	0°17	M20
T 21	18 34 34	8°32'46	8♑38	2°22	20°21	12°52	27° 4	0°51	9° 1	26° 3	10° 8	23°23	22°40	28° 3	0°19	T 21
W22	18 38 30	9°29'56	21°42	1°53	21°34	13°33	27°17	0°55	9° 0	26° 5	10° 8	23°11	22°37	28°10	0°21	W22
T 23	18 42 27	10°27'06	4♒29	1°28	22°48	14°14	27°31	1° 0	8°59	26° 7	10° 8	22°59	22°33	28°16	0°22	T 23
F 24	18 46 24	11°24'17	16°59	1° 6	24° 2	14°55	27°44	1° 4	8°58	26°10	10° 9	22°48	22°30	28°23	0°24	F 24
S 25	18 50 20	12°21'27	29°15	0°49	25°15	15°36	27°58	1° 8	8°57	26°12	10° 9	22°40	22°27	28°30	0°26	S 25
S 26	18 54 17	13°18'39	11♓17	0°36	26°29	16°17	28°11	1°12	8°56	26°14	10° 9	22°34	22°24	28°36	0°28	S 26
M27	18 58 13	14°15'50	23°11	0°27	27°43	16°58	28°25	1°16	8°55	26°16	10° 9	22°30	22°21	28°43	0°29	M27
T 28	19 2 10	15°13'02	5♈ 0	0°D24	28°56	17°39	28°38	1°20	8°54	26°18	10° 9	22°28	22°18	28°50	0°31	T 28
W29	19 6 6	16°10'15	16°50	0°26	0♌10	18°20	28°52	1°23	8°53	26°20	10° 9	22°28	22°14	28°56	0°32	W29
T 30	19 10 3	17♋ 7'28	28♈46	0♋34	1♌23	19♊ 1	29♊ 5	1♉27	8♓52	26♋23	10♈ 9	22♎28	22♎11	29♓ 3	0♉34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 4	4n51	1n25	22n34	0s36	23n57	0n32	19n56	0s 2	23n 2	0s15	9n 0	2s21	8s53	0s47	20n47	0s20	11s37	16s57	9s42	9s14	0n33	11n14	0s 6
T 2	23 9	8 30	0 22	22 17	0 51	24 1	0 34	20 6	0 1	23 2	0 15	9 2	2 21	8 53	0 47	20 47	0 20	11 37	16 57	9 42	9 12	0 35	11 15	0 6
F 3	23 13	11 51	0s43	22 1	1 7	24 5	0 36	20 15	0 0	23 3	0 15	9 4	2 21	8 53	0 47	20 47	0 20	11 37	16 58	9 42	9 11	0 37	11 15	0 7
S 4	23 16	14 45	1 47	21 45	1 23	24 8	0 38	20 25	0n 0	23 4	0 15	9 6	2 21	8 53	0 47	20 46	0 20	11 37	16 58	9 41	9 10	0 39	11 16	0 7
S 5	23 19	17 1	2 47	21 29	1 40	24 10	0 40	20 34	0 1	23 5	0 15	9 8	2 21	8 53	0 47	20 46	0 20	11 37	16 58	9 40	9 9	0 41	11 17	0 7
M 6	23 22	18 29	3 40	21 13	1 56	24 11	0 43	20 43	0 2	23 6	0 15	9 9	2 21	8 53	0 47	20 46	0 20	11 37	16 59	9 37	9 8	0 43	11 18	0 7
T 7	23 24	18 59	4 22	20 57	2 13	24 12	0 45	20 52	0 2	23 6	0 15	9 11	2 22	8 53	0 47	20 45	0 20	11 37	16 59	9 34	9 7	0 45	11 19	0 7
W 8	23 26	18 26	4 51	20 42	2 29	24 12	0 47	21 1	0 3	23 7	0 14	9 13	2 22	8 53	0 47	20 45	0 20	11 37	16 59	9 30	9 5	0 47	11 20	0 7
T 9	23 28	16 47	5 3	20 27	2 45	24 11	0 49	21 9	0 4	23 8	0 14	9 14	2 22	8 53	0 47	20 44	0 20	11 37	17 0	9 27	9 4	0 49	11 20	0 7
F 10	23 29	14 7	4 58	20 13	3 1	24 10	0 51	21 17	0 4	23 8	0 14	9 16	2 22	8 54	0 47	20 44	0 19	11 38	17 0	9 23	9 3	0 50	11 21	0 7
S 11	23 29	10 37	4 34	19 59	3 16	24 7	0 53	21 25	0 5	23 9	0 14	9 18	2 22	8 54	0 47	20 44	0 19	11 38	17 1	9 21	9 2	0 52	11 22	0 7
S 12	23 29	6 30	3 54	19 47	3 30	24 4	0 55	21 33	0 6	23 10	0 14	9 19	2 23	8 54	0 47	20 43	0 19	11 38	17 1	9 19	9 1	0 54	11 23	0 7
M13	23 29	2 1	2 59	19 35	3 43	24 1	0 57	21 41	0 6	23 10	0 14	9 21	2 23	8 54	0 47	20 43	0 19	11 38	17 1	9 18	9 0	0 56	11 23	0 7
T 14	23 29	2s35	1 53	19 24	3 56	23 56	0 59	21 48	0 7	23 11	0 14	9 22	2 23	8 54	0 47	20 43	0 19	11 38	17 2	9 18	8 58	0 58	11 24	0 7
W15	23 28	7 2	0 41	19 15	4 7	23 51	1 0	21 56	0 8	23 11	0 14	9 24	2 23	8 55	0 47	20 42	0 19	11 38	17 2	9 18	8 57	1 0	11 25	0 8
T 16	23 26	11 4	0n34	19 6	4 17	23 46	1 2	22 3	0 8	23 12	0 14	9 25	2 23	8 55	0 47	20 42	0 19	11 39	17 2	9 18	8 56	1 2	11 26	0 8
F 17	23 24	14 28	1 46	18 59	4 26	23 39	1 4	22 10	0 9	23 13	0 14	9 27	2 24	8 55	0 47	20 42	0 19	11 39	17 3	9 17	8 55	1 4	11 26	0 8
S 18	23 22	17 0	2 51	18 53	4 33	23 32	1 6	22 16	0 10	23 13	0 13	9 28	2 24	8 55	0 47	20 41	0 19	11 39	17 3	9 16	8 54	1 6	11 27	0 8
S 19	23 19	18 32	3 45	18 48	4 39	23 24	1 7	22 23	0 10	23 13	0 13	9 30	2 24	8 56	0 47	20 41	0 19	11 39	17 3	9 14	8 52	1 8	11 28	0 8
M20	23 16	18 59	4 26	18 45	4 43	23 16	1 9	22 29	0 11	23 14	0 13	9 31	2 24	8 56	0 47	20 40	0 19	11 40	17 4	9 10	8 51	1 10	11 28	0 8
T 21	23 13	18 22	4 52	18 43	4 45	23 6	1 10	22 35	0 12	23 14	0 13	9 32	2 24	8 56	0 47	20 40	0 19	11 40	17 4	9 6	8 50	1 12	11 29	0 8
W22	23 9	16 47	5 1	18 42	4 46	22 57	1 12	22 41	0 12	23 15	0 13	9 34	2 25	8 57	0 47	20 40	0 19	11 40	17 5	9 2	8 49	1 13	11 29	0 8
T 23	23 5	14 24	4 55	18 43	4 46	22 46	1 13	22 46	0 13	23 15	0 13	9 35	2 25	8 57	0 47	20 39	0 19	11 40	17 5	8 57	8 48	1 15	11 30	0 8
F 24	23 0	11 24	4 35	18 46	4 44	22 35	1 15	22 52	0 14	23 15	0 13	9 36	2 25	8 57	0 47	20 39	0 19	11 41	17 5	8 53	8 47	1 17	11 30	0 8
S 25	22 55	7 58	4 3	18 49	4 40	22 23	1 16	22 57	0 14	23 16	0 13	9 37	2 25	8 58	0 47	20 38	0 19	11 41	17 6	8 50	8 45	1 19	11 31	0 8
S 26	22 49	4 16	3 20	18 54	4 35	22 10	1 18	23 2	0 15	23 16	0 13	9 38	2 26	8 58	0 47	20 38	0 19	11 41	17 6	8 48	8 44	1 21	11 32	0 9
M27	22 44	0 26	2 29	19 1	4 29	21 57	1 19	23 7	0 16	23 16	0 13	9 40	2 26	8 59	0 48	20 38	0 19	11 41	17 6	8 46	8 43	1 23	11 32	0 9
T 28	22 37	3n23	1 31	19 8	4 21	21 43	1 20	23 11	0 16	23 16	0 13	9 41	2 26	8 59	0 48	20 37	0 19	11 42	17 7	8 46	8 42	1 25	11 32	0 9
W29	22 31	7 5	0 30	19 17	4 13	21 29	1 21	23 16	0 17	23 17	0 12	9 42	2 26	8 59	0 48	20 37	0 19	11 42	17 7	8 46	8 41	1 27	11 33	0 9
T 30	22n23	10n32	0s33	19n26	4s 3	21n14	1n22	23n20	0n18	23n17	0s12	9n43	2s27	9s 0	0s48	20n36	0s19	11s42	17s 7	8s46	8s39	1n29	11n33	0s 9

Julian Day Number = 2300495.5, Delta T = 109.05 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'07, Lahiri = 18°05'08 Julian Calendar 1 June 1586 == Greg. Calendar 11 June 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

JULY 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 13 59	18♋ 4'42	10♉53	0♋47	2♌37	19♊42	29♊18	1♉31	8°R51	26♋25	10°R 9	22°R27	22♎ 8	29♓10	0♉35	F 1
S 2	19 17 56	19° 1'57	23°16	1° 5	3°51	20°23	29°32	1°34	8♓49	26°27	10♈ 9	22♎25	22° 5	29°16	0°37	S 2
S 3	19 21 53	19°59'12	6♊ 0	1°29	5° 4	21° 3	29°45	1°37	8°48	26°29	10° 9	22°19	22° 2	29°23	0°38	S 3
M 4	19 25 49	20°56'28	19° 7	1°59	6°18	21°44	29°58	1°41	8°47	26°31	10° 9	22°12	21°58	29°30	0°39	M 4
T 5	19 29 46	21°53'45	2♋39	2°34	7°32	22°24	0♋11	1°44	8°45	26°34	10° 9	22° 2	21°55	29°36	0°41	T 5
W 6	19 33 42	22°51'03	16°33	3°14	8°45	23° 5	0°24	1°47	8°44	26°36	10° 9	21°50	21°52	29°43	0°42	W 6
T 7	19 37 39	23°48'21	0♌46	4° 1	9°59	23°45	0°38	1°50	8°43	26°38	10° 9	21°39	21°49	29°49	0°43	T 7
F 8	19 41 35	24°45'39	15°12	4°52	11°12	24°26	0°51	1°53	8°41	26°40	10° 9	21°28	21°46	29°56	0°44	F 8
S 9	19 45 32	25°42'58	29°44	5°49	12°26	25° 6	1° 4	1°56	8°39	26°43	10° 8	21°19	21°43	0♈ 3	0°45	S 9
S 10	19 49 28	26°40'18	14♍17	6°52	13°40	25°46	1°17	1°58	8°38	26°45	10° 8	21°13	21°39	0° 9	0°46	S 10
M11	19 53 25	27°37'38	28°44	7°59	14°53	26°27	1°30	2° 1	8°36	26°47	10° 8	21°10	21°36	0°16	0°47	M11
T 12	19 57 22	28°34'58	13♎ 3	9°12	16° 7	27° 7	1°43	2° 4	8°35	26°49	10° 8	21° 9	21°33	0°23	0°48	T 12
W13	20 1 18	29°32'19	27°10	10°30	17°20	27°47	1°56	2° 6	8°33	26°52	10° 7	21° 9	21°30	0°29	0°48	W13
T 14	20 5 15	0♌29'40	11♏ 5	11°52	18°34	28°27	2° 8	2° 8	8°31	26°54	10° 7	21° 8	21°27	0°36	0°49	T 14
F 15	20 9 11	1°27'02	24°48	13°19	19°47	29° 7	2°21	2°11	8°30	26°56	10° 7	21° 7	21°24	0°43	0°50	F 15
S 16	20 13 8	2°24'25	8♐20	14°51	21° 1	29°47	2°34	2°13	8°28	26°58	10° 7	21° 3	21°20	0°49	0°50	S 16
S 17	20 17 4	3°21'48	21°40	16°27	22°15	0♋27	2°47	2°15	8°26	27° 0	10° 6	20°56	21°17	0°56	0°51	S 17
M18	20 21 1	4°19'12	4♑49	18° 7	23°28	1° 7	2°59	2°17	8°24	27° 3	10° 6	20°47	21°14	1° 3	0°51	M18
T 19	20 24 57	5°16'36	17°46	19°51	24°42	1°46	3°12	2°18	8°22	27° 5	10° 6	20°36	21°11	1° 9	0°52	T 19
W20	20 28 54	6°14'02	0♒31	21°38	25°55	2°26	3°24	2°20	8°20	27° 7	10° 5	20°23	21° 8	1°16	0°52	W20
T 21	20 32 51	7°11'28	13° 3	23°28	27° 9	3° 6	3°37	2°22	8°18	27° 9	10° 5	20°11	21° 4	1°23	0°53	T 21
F 22	20 36 47	8° 8'56	25°22	25°21	28°22	3°45	3°49	2°23	8°17	27°11	10° 4	20° 0	21° 1	1°29	0°53	F 22
S 23	20 40 44	9° 6'25	7♓30	27°17	29°36	4°25	4° 1	2°25	8°15	27°14	10° 4	19°51	20°58	1°36	0°53	S 23
S 24	20 44 40	10° 3'54	19°27	29°15	0♍49	5° 5	4°14	2°26	8°13	27°16	10° 3	19°45	20°55	1°43	0°53	S 24
M25	20 48 37	11° 1'25	1♈18	1♌14	2° 2	5°44	4°26	2°27	8°11	27°18	10° 3	19°41	20°52	1°49	0°53	M25
T 26	20 52 33	11°58'58	13° 6	3°15	3°16	6°23	4°38	2°28	8° 8	27°20	10° 2	19°39	20°49	1°56	0°R53	T 26
W27	20 56 30	12°56'32	24°54	5°17	4°29	7° 3	4°50	2°29	8° 6	27°22	10° 2	19°D39	20°45	2° 3	0°53	W27
T 28	21 0 26	13°54'07	6♉49	7°19	5°43	7°42	5° 2	2°30	8° 4	27°24	10° 1	19°40	20°42	2° 9	0°53	T 28
F 29	21 4 23	14°51'44	18°55	9°22	6°56	8°21	5°14	2°31	8° 2	27°27	10° 1	19°R40	20°39	2°16	0°53	F 29
S 30	21 8 19	15°49'22	1♊18	11°25	8°10	9° 0	5°26	2°32	8° 0	27°29	10° 0	19°39	20°36	2°23	0°53	S 30
S 31	21 12 16	16♌47'02	14♊ 2	13♌27	9♍23	9♋40	5♋38	2♉32	7♓58	27♋31	9♈59	19♎35	20♎33	2♈29	0♉53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n16	13n36	1s36	19n37	3s53	20n58	1n23	23n24	0n18	23n17	0s12	9n44	2s27	9s 0	0s48	20n36	0s19	11s43	17s 8	8s45	8s38	1n31	11n34	0s 9
S 2	22 8	16 7	2 35	19 48	3 41	20 42	1 24	23 27	0 19	23 17	0 12	9 45	2 27	9 1	0 48	20 36	0 19	11 43	17 8	8 44	8 37	1 33	11 34	0 9
S 3	22 0	17 56	3 29	20 0	3 29	20 25	1 25	23 31	0 20	23 17	0 12	9 46	2 27	9 1	0 48	20 35	0 19	11 43	17 9	8 42	8 36	1 34	11 35	0 9
M 4	21 51	18 51	4 13	20 12	3 16	20 7	1 26	23 34	0 20	23 17	0 12	9 47	2 27	9 2	0 48	20 35	0 19	11 44	17 9	8 40	8 35	1 36	11 35	0 9
T 5	21 42	18 44	4 44	20 25	3 3	19 49	1 27	23 37	0 21	23 17	0 12	9 47	2 28	9 3	0 48	20 34	0 19	11 44	17 9	8 36	8 33	1 38	11 35	0 9
W 6	21 33	17 31	4 59	20 38	2 50	19 31	1 27	23 40	0 22	23 18	0 12	9 48	2 28	9 3	0 48	20 34	0 19	11 45	17 10	8 32	8 32	1 40	11 36	0 9
T 7	21 23	15 12	4 57	20 50	2 36	19 12	1 28	23 43	0 22	23 18	0 12	9 49	2 28	9 4	0 48	20 34	0 19	11 45	17 10	8 27	8 31	1 42	11 36	0 10
F 8	21 13	11 55	4 36	21 3	2 21	18 52	1 29	23 46	0 23	23 18	0 12	9 50	2 28	9 4	0 48	20 33	0 19	11 45	17 10	8 23	8 30	1 44	11 36	0 10
S 9	21 3	7 54	3 56	21 15	2 7	18 32	1 29	23 48	0 24	23 18	0 12	9 51	2 29	9 5	0 48	20 33	0 19	11 46	17 11	8 20	8 29	1 46	11 36	0 10
S 10	20 52	3 24	3 2	21 27	1 52	18 11	1 30	23 50	0 25	23 18	0 12	9 51	2 29	9 5	0 48	20 32	0 19	11 46	17 11	8 18	8 28	1 48	11 37	0 10
M11	20 41	1s16	1 56	21 38	1 37	17 50	1 30	23 52	0 25	23 17	0 11	9 52	2 29	9 6	0 48	20 32	0 19	11 46	17 11	8 16	8 26	1 50	11 37	0 10
T 12	20 29	5 49	0 43	21 48	1 23	17 29	1 30	23 53	0 26	23 17	0 11	9 53	2 29	9 7	0 48	20 32	0 19	11 47	17 12	8 16	8 25	1 52	11 37	0 10
W13	20 17	9 59	0n32	21 57	1 8	17 7	1 31	23 55	0 27	23 17	0 11	9 53	2 30	9 7	0 48	20 31	0 19	11 47	17 12	8 16	8 24	1 53	11 37	0 10
T 14	20 5	13 33	1 44	22 4	0 54	16 44	1 31	23 56	0 27	23 17	0 11	9 54	2 30	9 8	0 48	20 31	0 19	11 48	17 12	8 16	8 23	1 55	11 37	0 10
F 15	19 53	16 17	2 48	22 10	0 40	16 21	1 31	23 57	0 28	23 17	0 11	9 54	2 30	9 9	0 48	20 30	0 19	11 48	17 13	8 15	8 22	1 57	11 38	0 10
S 16	19 40	18 5	3 42	22 14	0 26	15 57	1 31	23 58	0 29	23 17	0 11	9 55	2 30	9 9	0 48	20 30	0 19	11 49	17 13	8 14	8 20	1 59	11 38	0 10
S 17	19 27	18 51	4 24	22 16	0 13	15 34	1 31	23 59	0 29	23 17	0 11	9 55	2 31	9 10	0 48	20 29	0 19	11 49	17 13	8 11	8 19	2 1	11 38	0 10
M18	19 13	18 34	4 50	22 16	0n 0	15 9	1 31	23 59	0 30	23 17	0 11	9 56	2 31	9 11	0 48	20 29	0 19	11 49	17 14	8 8	8 18	2 3	11 38	0 11
T 19	18 59	17 20	5 1	22 14	0 13	14 45	1 31	23 59	0 31	23 16	0 11	9 56	2 31	9 12	0 48	20 29	0 19	11 50	17 14	8 4	8 17	2 5	11 38	0 11
W20	18 45	15 15	4 57	22 9	0 24	14 19	1 30	23 59	0 31	23 16	0 11	9 56	2 32	9 12	0 48	20 28	0 19	11 50	17 14	7 59	8 16	2 7	11 38	0 11
T 21	18 31	12 29	4 38	22 2	0 35	13 54	1 30	23 59	0 32	23 16	0 11	9 57	2 32	9 13	0 48	20 28	0 19	11 51	17 15	7 54	8 14	2 9	11 38	0 11
F 22	18 16	9 13	4 7	21 52	0 46	13 28	1 30	23 59	0 33	23 16	0 11	9 57	2 32	9 14	0 48	20 27	0 19	11 51	17 15	7 50	8 13	2 10	11 38	0 11
S 23	18 1	5 37	3 24	21 39	0 55	13 2	1 29	23 58	0 33	23 15	0 10	9 57	2 32	9 15	0 48	20 27	0 19	11 52	17 15	7 47	8 12	2 12	11 38	0 11
S 24	17 46	1 50	2 34	21 24	1 4	12 35	1 29	23 58	0 34	23 15	0 10	9 57	2 33	9 15	0 48	20 27	0 19	11 52	17 16	7 44	8 11	2 14	11 38	0 11
M25	17 30	1n59	1 36	21 6	1 12	12 9	1 28	23 57	0 35	23 15	0 10	9 58	2 33	9 16	0 48	20 26	0 19	11 53	17 16	7 43	8 10	2 16	11 38	0 11
T 26	17 14	5 43	0 35	20 45	1 19	11 41	1 27	23 56	0 35	23 14	0 10	9 58	2 33	9 17	0 48	20 26	0 19	11 53	17 16	7 42	8 8	2 18	11 38	0 11
W27	16 58	9 14	0s28	20 22	1 25	11 14	1 27	23 54	0 36	23 14	0 10	9 58	2 33	9 18	0 48	20 25	0 19	11 54	17 17	7 42	8 7	2 20	11 38	0 11
T 28	16 41	12 24	1 30	19 56	1 31	10 46	1 26	23 53	0 37	23 14	0 10	9 58	2 34	9 18	0 48	20 25	0 19	11 54	17 17	7 42	8 6	2 22	11 38	0 11
F 29	16 25	15 5	2 30	19 29	1 35	10 18	1 25	23 51	0 37	23 13	0 10	9 58	2 34	9 19	0 48	20 24	0 19	11 55	17 17	7 42	8 5	2 24	11 38	0 12
S 30	16 8	17 9	3 24	18 59	1 39	9 50	1 24	23 49	0 38	23 13	0 10	9 58	2 34	9 20	0 48	20 24	0 19	11 55	17 18	7 42	8 4	2 26	11 37	0 12
S 31	15n50	18n25	4s 9	18n27	1n42	9n21	1n23	23n47	0n39	23n12	0s10	9n58	2s34	9s21	0s48	20n24	0s19	11s56	17s18	7s41	8s 2	2n27	11n37	0s12

Julian Day Number = 2300525.5, Delta T = 108.91 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'11, Lahiri = 18°05'12 Julian Calendar 1 July 1586 == Greg. Calendar 11 July 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

AUGUST 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 16 13	17♌44'43	27♊12	15♌29	10♍36	10♋19	5♋50	2♉33	7°R56	27♋33	9°R59	19°R30	20♎29	2♈36	0°R52	M 1
T 2	21 20 9	18°42'26	10♋49	17°31	11°50	10°58	6° 2	2°33	7♓53	27°35	9♈58	19♎22	20°26	2°42	0♉52	T 2
W 3	21 24 6	19°40'11	24°53	19°32	13° 3	11°37	6°13	2°34	7°51	27°37	9°58	19°14	20°23	2°49	0°52	W 3
T 4	21 28 2	20°37'57	9♌21	21°31	14°17	12°15	6°25	2°34	7°49	27°39	9°57	19° 4	20°20	2°56	0°51	T 4
F 5	21 31 59	21°35'45	24° 6	23°30	15°30	12°54	6°36	2°R34	7°47	27°41	9°56	18°56	20°17	3° 2	0°51	F 5
S 6	21 35 55	22°33'33	9♍ 1	25°28	16°43	13°33	6°48	2°34	7°44	27°43	9°55	18°49	20°14	3° 9	0°50	S 6
S 7	21 39 52	23°31'24	23°57	27°25	17°57	14°12	6°59	2°34	7°42	27°46	9°55	18°44	20°10	3°16	0°49	S 7
M 8	21 43 48	24°29'15	8♎45	29°20	19°10	14°50	7°10	2°33	7°40	27°48	9°54	18°42	20° 7	3°22	0°49	M 8
T 9	21 47 45	25°27'08	23°20	1♍14	20°23	15°29	7°21	2°33	7°37	27°50	9°53	18°D42	20° 4	3°29	0°48	T 9
W10	21 51 42	26°25'02	7♏38	3° 7	21°37	16° 8	7°32	2°33	7°35	27°52	9°52	18°43	20° 1	3°36	0°47	W10
T 11	21 55 38	27°22'57	21°37	4°58	22°50	16°46	7°43	2°32	7°33	27°54	9°52	18°R43	19°58	3°42	0°46	T 11
F 12	21 59 35	28°20'54	5♐17	6°48	24° 3	17°25	7°54	2°31	7°30	27°56	9°51	18°43	19°55	3°49	0°45	F 12
S 13	22 3 31	29°18'52	18°40	8°37	25°16	18° 3	8° 5	2°31	7°28	27°58	9°50	18°42	19°51	3°56	0°44	S 13
S 14	22 7 28	0♑16'51	1♑46	10°25	26°30	18°41	8°16	2°30	7°26	28° 0	9°49	18°38	19°48	4° 2	0°43	S 14
M15	22 11 24	1°14'51	14°38	12°11	27°43	19°19	8°27	2°29	7°23	28° 1	9°48	18°32	19°45	4° 9	0°42	M15
T 16	22 15 21	2°12'54	27°16	13°56	28°56	19°58	8°37	2°28	7°21	28° 3	9°47	18°24	19°42	4°16	0°41	T 16
W17	22 19 17	3°10'57	9♒43	15°40	0♎ 9	20°36	8°48	2°26	7°19	28° 5	9°46	18°16	19°39	4°22	0°40	W17
T 18	22 23 14	4° 9'02	22° 0	17°23	1°22	21°14	8°58	2°25	7°16	28° 7	9°46	18° 8	19°35	4°29	0°38	T 18
F 19	22 27 11	5° 7'09	4♓ 6	19° 4	2°35	21°52	9° 8	2°24	7°14	28° 9	9°45	18° 1	19°32	4°36	0°37	F 19
S 20	22 31 7	6° 5'17	16° 5	20°44	3°48	22°30	9°18	2°22	7°11	28°11	9°44	17°55	19°29	4°42	0°36	S 20
S 21	22 35 4	7° 3'27	27°57	22°23	5° 1	23° 8	9°28	2°21	7° 9	28°13	9°43	17°51	19°26	4°49	0°34	S 21
M22	22 39 0	8° 1'39	9♈45	24° 1	6°15	23°46	9°38	2°19	7° 7	28°15	9°42	17°49	19°23	4°55	0°33	M22
T 23	22 42 57	8°59'53	21°32	25°37	7°28	24°23	9°48	2°17	7° 4	28°16	9°41	17°D49	19°20	5° 2	0°31	T 23
W24	22 46 53	9°58'09	3♉21	27°12	8°41	25° 1	9°58	2°15	7° 2	28°18	9°40	17°50	19°16	5° 9	0°30	W24
T 25	22 50 50	10°56'27	15°16	28°47	9°54	25°39	10° 8	2°13	6°59	28°20	9°39	17°51	19°13	5°15	0°28	T 25
F 26	22 54 46	11°54'47	27°21	0♎20	11° 7	26°16	10°17	2°11	6°57	28°22	9°38	17°53	19°10	5°22	0°27	F 26
S 27	22 58 43	12°53'09	9♊42	1°52	12°20	26°54	10°26	2° 9	6°55	28°23	9°37	17°R54	19° 7	5°29	0°25	S 27
S 28	23 2 40	13°51'34	22°24	3°22	13°33	27°31	10°36	2° 7	6°52	28°25	9°36	17°54	19° 4	5°35	0°23	S 28
M29	23 6 36	14°50'00	5♋30	4°52	14°45	28° 9	10°45	2° 4	6°50	28°27	9°35	17°52	19° 1	5°42	0°21	M29
T 30	23 10 33	15°48'29	19° 3	6°21	15°58	28°46	10°54	2° 2	6°47	28°28	9°34	17°49	18°57	5°49	0°19	T 30
W31	23 14 29	16♍47'00	3♌ 5	7♎48	17♎11	29♋23	11♋ 3	1♉59	6♓45	28♋30	9♈33	17♎45	18♎54	5♈55	0♉17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n33	18n45	4s43	17n53	1n44	8n52	1n22	23n45	0n39	23n12	0s10	9n58	2s35	9s22	0s48	20n23	0s19	11s56	17s18	7s39	8s 1	2n29	11n37	0s12
T 2	15 15	18 2	5 2	17 17	1 45	8 23	1 21	23 42	0 40	23 12	0 10	9 58	2 35	9 23	0 48	20 23	0 19	11 57	17 19	7 36	8 0	2 31	11 37	0 12
W 3	14 57	16 13	5 4	16 40	1 46	7 54	1 20	23 40	0 41	23 11	0 9	9 57	2 35	9 23	0 48	20 22	0 19	11 57	17 19	7 33	7 59	2 33	11 37	0 12
T 4	14 39	13 21	4 46	16 2	1 46	7 24	1 18	23 37	0 42	23 11	0 9	9 57	2 35	9 24	0 48	20 22	0 19	11 58	17 19	7 29	7 58	2 35	11 36	0 12
F 5	14 20	9 35	4 10	15 22	1 45	6 55	1 17	23 34	0 42	23 10	0 9	9 57	2 36	9 25	0 48	20 22	0 19	11 58	17 19	7 26	7 56	2 37	11 36	0 12
S 6	14 1	5 10	3 16	14 41	1 44	6 25	1 16	23 31	0 43	23 10	0 9	9 57	2 36	9 26	0 48	20 21	0 19	11 59	17 20	7 23	7 55	2 39	11 36	0 12
S 7	13 42	0 26	2 9	14 0	1 42	5 55	1 14	23 27	0 44	23 9	0 9	9 56	2 36	9 27	0 48	20 21	0 19	11 59	17 20	7 21	7 54	2 41	11 35	0 12
M 8	13 23	4s18	0 53	13 17	1 40	5 25	1 13	23 24	0 44	23 9	0 9	9 56	2 36	9 28	0 48	20 20	0 19	12 0	17 20	7 21	7 53	2 42	11 35	0 13
T 9	13 4	8 42	0n25	12 34	1 37	4 54	1 11	23 20	0 45	23 8	0 9	9 56	2 37	9 29	0 48	20 20	0 19	12 0	17 21	7 20	7 52	2 44	11 35	0 13
W10	12 44	12 30	1 40	11 50	1 33	4 24	1 9	23 16	0 46	23 8	0 9	9 55	2 37	9 30	0 49	20 20	0 19	12 1	17 21	7 21	7 50	2 46	11 34	0 13
T 11	12 24	15 30	2 48	11 6	1 30	3 53	1 8	23 12	0 46	23 7	0 9	9 55	2 37	9 30	0 49	20 19	0 19	12 2	17 21	7 21	7 49	2 48	11 34	0 13
F 12	12 4	17 33	3 44	10 21	1 25	3 22	1 6	23 8	0 47	23 7	0 9	9 54	2 38	9 31	0 49	20 19	0 19	12 2	17 21	7 21	7 48	2 50	11 33	0 13
S 13	11 44	18 34	4 27	9 36	1 21	2 52	1 4	23 4	0 48	23 6	0 9	9 54	2 38	9 32	0 49	20 18	0 19	12 3	17 22	7 20	7 47	2 52	11 33	0 13
S 14	11 24	18 34	4 55	8 51	1 16	2 21	1 2	22 59	0 48	23 5	0 9	9 53	2 38	9 33	0 49	20 18	0 19	12 3	17 22	7 19	7 46	2 54	11 33	0 13
M15	11 3	17 36	5 7	8 5	1 10	1 50	1 0	22 54	0 49	23 5	0 8	9 53	2 38	9 34	0 49	20 18	0 19	12 4	17 22	7 17	7 44	2 56	11 32	0 13
T 16	10 43	15 46	5 5	7 20	1 5	1 19	0 58	22 49	0 50	23 4	0 8	9 52	2 38	9 35	0 49	20 17	0 19	12 4	17 22	7 14	7 43	2 57	11 32	0 13
W17	10 22	13 14	4 47	6 34	0 59	0 48	0 56	22 44	0 50	23 4	0 8	9 52	2 39	9 36	0 49	20 17	0 19	12 5	17 22	7 11	7 42	2 59	11 31	0 13
T 18	10 1	10 9	4 17	5 48	0 53	0 16	0 54	22 39	0 51	23 3	0 8	9 51	2 39	9 37	0 49	20 17	0 19	12 5	17 23	7 8	7 41	3 1	11 31	0 14
F 19	9 39	6 41	3 35	5 3	0 46	0s15	0 51	22 34	0 52	23 2	0 8	9 50	2 39	9 38	0 49	20 16	0 19	12 6	17 23	7 5	7 40	3 3	11 30	0 14
S 20	9 18	2 59	2 44	4 17	0 40	0 46	0 49	22 28	0 53	23 2	0 8	9 50	2 39	9 38	0 49	20 16	0 19	12 6	17 23	7 3	7 38	3 5	11 29	0 14
S 21	8 56	0n48	1 46	3 32	0 33	1 17	0 47	22 23	0 53	23 1	0 8	9 49	2 40	9 39	0 49	20 15	0 19	12 7	17 23	7 1	7 37	3 7	11 29	0 14
M22	8 35	4 33	0 44	2 47	0 26	1 48	0 44	22 17	0 54	23 1	0 8	9 48	2 40	9 40	0 49	20 15	0 19	12 8	17 24	7 0	7 36	3 9	11 28	0 14
T 23	8 13	8 6	0s20	2 2	0 19	2 19	0 42	22 11	0 55	23 0	0 8	9 47	2 40	9 41	0 49	20 15	0 19	12 8	17 24	7 0	7 35	3 10	11 28	0 14
W24	7 51	11 21	1 24	1 17	0 12	2 51	0 39	22 5	0 55	22 59	0 8	9 46	2 40	9 42	0 49	20 14	0 19	12 9	17 24	7 1	7 34	3 12	11 27	0 14
T 25	7 29	14 9	2 24	0 33	0 4	3 22	0 37	21 59	0 56	22 59	0 8	9 45	2 41	9 43	0 49	20 14	0 19	12 9	17 24	7 1	7 32	3 14	11 26	0 14
F 26	7 7	16 22	3 19	0s11	0s 3	3 53	0 34	21 52	0 57	22 58	0 8	9 44	2 41	9 44	0 49	20 14	0 19	12 10	17 24	7 2	7 31	3 16	11 26	0 14
S 27	6 44	17 53	4 7	0 55	0 11	4 24	0 32	21 46	0 57	22 57	0 7	9 43	2 41	9 45	0 49	20 13	0 19	12 10	17 24	7 2	7 30	3 18	11 25	0 14
S 28	6 22	18 34	4 43	1 38	0 19	4 55	0 29	21 39	0 58	22 57	0 7	9 42	2 41	9 46	0 49	20 13	0 19	12 11	17 25	7 2	7 29	3 20	11 24	0 15
M29	5 59	18 17	5 6	2 21	0 27	5 25	0 26	21 32	0 59	22 56	0 7	9 41	2 42	9 46	0 49	20 13	0 19	12 11	17 25	7 1	7 28	3 22	11 24	0 15
T 30	5 36	16 58	5 13	3 3	0 34	5 56	0 24	21 25	0 59	22 55	0 7	9 40	2 42	9 47	0 49	20 12	0 19	12 12	17 25	7 0	7 26	3 23	11 23	0 15
W31	5n14	14n36	5s 2	3s45	0s42	6s27	0n21	21n18	1n 0	22n55	0s 7	9n39	2s42	9s48	0s49	20n12	0s19	12s13	17s25	6s59	7s25	3n25	11n22	0s15

Julian Day Number = 2300556.5, Delta T = 108.77 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'16, Lahiri = 18°05'16 Julian Calendar 1 Aug. 1586 == Greg. Calendar 11 Aug. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

SEPTEMBER 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 18 26	17♍45'33	17♌33	9♎14	18♎24	0♌ 1	11♋12	1°R56	6°R43	28♋32	9°R32	17°R40	18♎51	6♈ 2	0°R16	T 1
F 2	23 22 22	18°44'08	2♍24	10°39	19°37	0°38	11°20	1♉54	6♓40	28°33	9♈31	17♎36	18°48	6° 9	0♉14	F 2
S 3	23 26 19	19°42'45	17°29	12° 3	20°50	1°15	11°29	1°51	6°38	28°35	9°30	17°33	18°45	6°15	0°11	S 3
S 4	23 30 15	20°41'24	2♎39	13°26	22° 3	1°52	11°38	1°48	6°36	28°36	9°28	17°31	18°41	6°22	0° 9	S 4
M 5	23 34 12	21°40'05	17°46	14°47	23°16	2°29	11°46	1°45	6°34	28°38	9°27	17°D30	18°38	6°29	0° 7	M 5
T 6	23 38 8	22°38'48	2♏39	16° 7	24°28	3° 6	11°54	1°42	6°31	28°39	9°26	17°31	18°35	6°35	0° 5	T 6
W 7	23 42 5	23°37'32	17°14	17°26	25°41	3°43	12° 2	1°39	6°29	28°41	9°25	17°32	18°32	6°42	0° 3	W 7
T 8	23 46 2	24°36'18	1♐25	18°43	26°54	4°19	12°10	1°35	6°27	28°42	9°24	17°34	18°29	6°49	0° 1	T 8
F 9	23 49 58	25°35'06	15°12	19°59	28° 6	4°56	12°18	1°32	6°24	28°43	9°23	17°35	18°26	6°55	29♈58	F 9
S 10	23 53 55	26°33'56	28°35	21°13	29°19	5°33	12°25	1°28	6°22	28°45	9°22	17°R35	18°22	7° 2	29°56	S 10
S 11	23 57 51	27°32'48	11♑37	22°26	0♏32	6° 9	12°33	1°25	6°20	28°46	9°21	17°34	18°19	7° 8	29°54	S 11
M12	0 1 48	28°31'41	24°20	23°37	1°44	6°46	12°40	1°21	6°18	28°48	9°20	17°33	18°16	7°15	29°51	M12
T 13	0 5 44	29°30'36	6♒47	24°46	2°57	7°22	12°48	1°18	6°16	28°49	9°18	17°30	18°13	7°22	29°49	T 13
W14	0 9 41	0♎29'33	19° 1	25°53	4°10	7°58	12°55	1°14	6°14	28°50	9°17	17°28	18°10	7°28	29°46	W14
T 15	0 13 37	1°28'31	1♓ 5	26°58	5°22	8°35	13° 2	1°10	6°12	28°51	9°16	17°25	18° 6	7°35	29°44	T 15
F 16	0 17 34	2°27'32	13° 2	28° 1	6°35	9°11	13° 8	1° 6	6° 9	28°53	9°15	17°23	18° 3	7°42	29°41	F 16
S 17	0 21 31	3°26'34	24°54	29° 2	7°47	9°47	13°15	1° 2	6° 7	28°54	9°14	17°21	18° 0	7°48	29°39	S 17
S 18	0 25 27	4°25'39	6♈42	29°59	8°59	10°23	13°22	0°58	6° 5	28°55	9°13	17°20	17°57	7°55	29°36	S 18
M19	0 29 24	5°24'45	18°30	0♏55	10°12	10°59	13°28	0°54	6° 3	28°56	9°11	17°D20	17°54	8° 2	29°33	M19
T 20	0 33 20	6°23'54	0♉19	1°47	11°24	11°35	13°34	0°50	6° 1	28°57	9°10	17°20	17°51	8° 8	29°31	T 20
W21	0 37 17	7°23'05	12°12	2°35	12°37	12°11	13°40	0°46	5°59	28°58	9° 9	17°21	17°47	8°15	29°28	W21
T 22	0 41 13	8°22'18	24°11	3°20	13°49	12°46	13°46	0°42	5°58	28°59	9° 8	17°22	17°44	8°22	29°25	T 22
F 23	0 45 10	9°21'33	6♊21	4° 1	15° 1	13°22	13°52	0°38	5°56	29° 0	9° 7	17°23	17°41	8°28	29°23	F 23
S 24	0 49 6	10°20'51	18°44	4°38	16°13	13°58	13°57	0°33	5°54	29° 1	9° 6	17°24	17°38	8°35	29°20	S 24
S 25	0 53 3	11°20'11	1♋25	5°10	17°26	14°33	14° 3	0°29	5°52	29° 2	9° 4	17°24	17°35	8°41	29°17	S 25
M26	0 57 0	12°19'33	14°26	5°36	18°38	15° 9	14° 8	0°24	5°50	29° 3	9° 3	17°R24	17°32	8°48	29°14	M26
T 27	1 0 56	13°18'58	27°51	5°57	19°50	15°44	14°13	0°20	5°48	29° 4	9° 2	17°24	17°28	8°55	29°12	T 27
W28	1 4 53	14°18'25	11♌42	6°12	21° 2	16°19	14°18	0°15	5°47	29° 5	9° 1	17°24	17°25	9° 1	29° 9	W28
T 29	1 8 49	15°17'54	25°58	6°20	22°14	16°54	14°23	0°11	5°45	29° 6	9° 0	17°24	17°22	9° 8	29° 6	T 29
F 30	1 12 46	16♎17'26	10♍38	6°R20	23♏26	17♌30	14♋27	0♉ 6	5♓43	29♋ 6	8♈59	17♎23	17♎19	9♈15	29♈ 3	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n51	11n17	4s32	4s26	0s50	6s57	0n18	21n11	1n 1	22n54	0s 7	9n38	2s42	9s49	0s49	20n12	0s19	12s13	17s25	6s57	7s24	3n27	11n21	0s15
F 2	4 28	7 10	3 43	5 7	0 58	7 27	0 15	21 4	1 2	22 53	0 7	9 37	2 42	9 50	0 49	20 11	0 19	12 14	17 25	6 55	7 23	3 29	11 20	0 15
S 3	4 5	2 32	2 38	5 47	1 6	7 58	0 12	20 56	1 2	22 53	0 7	9 36	2 43	9 51	0 48	20 11	0 19	12 14	17 26	6 54	7 22	3 31	11 20	0 15
S 4	3 42	2s18	1 21	6 27	1 14	8 28	0 9	20 49	1 3	22 52	0 7	9 35	2 43	9 52	0 48	20 11	0 19	12 15	17 26	6 53	7 20	3 33	11 19	0 15
M 5	3 19	6 58	0n 1	7 6	1 22	8 58	0 6	20 41	1 4	22 52	0 7	9 34	2 43	9 52	0 48	20 10	0 19	12 15	17 26	6 53	7 19	3 34	11 18	0 15
T 6	2 55	11 8	1 23	7 44	1 29	9 27	0 3	20 33	1 4	22 51	0 6	9 32	2 43	9 53	0 48	20 10	0 19	12 16	17 26	6 53	7 18	3 36	11 17	0 15
W 7	2 32	14 30	2 37	8 21	1 37	9 57	0 0	20 25	1 5	22 50	0 6	9 31	2 43	9 54	0 48	20 10	0 19	12 16	17 26	6 54	7 17	3 38	11 16	0 16
T 8	2 9	16 55	3 39	8 58	1 45	10 26	0s 3	20 17	1 6	22 50	0 6	9 30	2 43	9 55	0 48	20 10	0 19	12 17	17 26	6 54	7 15	3 40	11 15	0 16
F 9	1 46	18 15	4 27	9 34	1 52	10 55	0 6	20 9	1 7	22 49	0 6	9 28	2 44	9 56	0 48	20 9	0 19	12 17	17 26	6 55	7 14	3 42	11 14	0 16
S 10	1 22	18 30	4 59	10 9	2 0	11 24	0 9	20 1	1 7	22 48	0 6	9 27	2 44	9 57	0 48	20 9	0 19	12 18	17 26	6 55	7 13	3 44	11 14	0 16
S 11	0 59	17 46	5 14	10 43	2 7	11 52	0 12	19 52	1 8	22 48	0 6	9 26	2 44	9 57	0 48	20 9	0 19	12 18	17 26	6 55	7 12	3 46	11 13	0 16
M12	0 35	16 9	5 14	11 16	2 14	12 21	0 15	19 44	1 9	22 47	0 6	9 24	2 44	9 58	0 48	20 8	0 19	12 19	17 26	6 54	7 11	3 47	11 12	0 16
T 13	0 12	13 48	4 58	11 48	2 21	12 49	0 18	19 35	1 9	22 47	0 6	9 23	2 44	9 59	0 48	20 8	0 19	12 19	17 27	6 53	7 9	3 49	11 11	0 16
W14	0s12	10 53	4 30	12 19	2 28	13 16	0 22	19 27	1 10	22 46	0 6	9 21	2 44	10 0	0 48	20 8	0 19	12 20	17 27	6 52	7 8	3 51	11 10	0 16
T 15	0 35	7 32	3 49	12 49	2 35	13 44	0 25	19 18	1 11	22 45	0 6	9 20	2 45	10 0	0 48	20 8	0 19	12 20	17 27	6 51	7 7	3 53	11 9	0 16
F 16	0 59	3 56	2 59	13 18	2 41	14 11	0 28	19 9	1 12	22 45	0 6	9 19	2 45	10 1	0 48	20 7	0 19	12 21	17 27	6 50	7 6	3 55	11 8	0 16
S 17	1 22	0 11	2 1	13 45	2 47	14 38	0 31	19 0	1 12	22 44	0 5	9 17	2 45	10 2	0 48	20 7	0 19	12 21	17 27	6 50	7 5	3 57	11 7	0 16
S 18	1 46	3n34	0 59	14 12	2 53	15 4	0 34	18 51	1 13	22 44	0 5	9 16	2 45	10 3	0 48	20 7	0 19	12 22	17 27	6 49	7 3	3 58	11 6	0 17
M19	2 9	7 10	0s 6	14 36	2 58	15 30	0 38	18 42	1 14	22 43	0 5	9 14	2 45	10 3	0 48	20 7	0 19	12 22	17 27	6 49	7 2	4 0	11 5	0 17
T 20	2 33	10 29	1 11	14 59	3 3	15 56	0 41	18 32	1 14	22 43	0 5	9 13	2 45	10 4	0 48	20 6	0 19	12 23	17 27	6 49	7 1	4 2	11 4	0 17
W21	2 56	13 24	2 14	15 20	3 8	16 21	0 44	18 23	1 15	22 42	0 5	9 11	2 45	10 5	0 48	20 6	0 19	12 23	17 27	6 50	7 0	4 4	11 3	0 17
T 22	3 20	15 46	3 11	15 40	3 12	16 46	0 47	18 14	1 16	22 42	0 5	9 9	2 45	10 6	0 48	20 6	0 19	12 24	17 27	6 50	6 58	4 6	11 2	0 17
F 23	3 43	17 28	4 0	15 57	3 15	17 11	0 51	18 4	1 17	22 41	0 5	9 8	2 46	10 6	0 48	20 6	0 19	12 24	17 27	6 50	6 57	4 7	11 1	0 17
S 24	4 6	18 22	4 39	16 12	3 18	17 35	0 54	17 54	1 17	22 41	0 5	9 6	2 46	10 7	0 48	20 6	0 19	12 24	17 27	6 51	6 56	4 9	11 0	0 17
S 25	4 30	18 23	5 6	16 25	3 20	17 59	0 57	17 45	1 18	22 40	0 5	9 5	2 46	10 8	0 48	20 5	0 19	12 25	17 27	6 51	6 55	4 11	10 59	0 17
M26	4 53	17 27	5 18	16 35	3 22	18 22	1 0	17 35	1 19	22 40	0 5	9 3	2 46	10 8	0 48	20 5	0 19	12 25	17 27	6 51	6 54	4 13	10 57	0 17
T 27	5 16	15 31	5 13	16 42	3 22	18 45	1 3	17 25	1 20	22 39	0 4	9 1	2 46	10 9	0 48	20 5	0 19	12 26	17 27	6 51	6 52	4 15	10 56	0 17
W28	5 39	12 40	4 50	16 47	3 22	19 7	1 7	17 15	1 20	22 39	0 4	9 0	2 46	10 9	0 48	20 5	0 19	12 26	17 27	6 51	6 51	4 17	10 55	0 18
T 29	6 2	8 59	4 9	16 48	3 20	19 29	1 10	17 5	1 21	22 39	0 4	8 58	2 46	10 10	0 48	20 5	0 19	12 27	17 27	6 51	6 50	4 18	10 54	0 18
F 30	6s25	4n39	3s11	16s45	3s17	19s51	1s13	16n55	1n22	22n38	0s 4	8n56	2s46	10s11	0s48	20n 5	0s19	12s27	17s27	6s51	6s49	4n20	10n53	0s18

Julian Day Number = 2300587.5, Delta T = 108.63 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'20, Lahiri = 18°05'20 Julian Calendar 1 Sept. 1586 == Greg. Calendar 11 Sept. 1586

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1586
geocentric

OCTOBER 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 16 42	17♎17'00	25♍37	6°R13	24♏38	18♌ 5	14♋31	0°R 2	5°R42	29♋ 7	8°R58	17°D23	17♎16	9♈21	29°R 0	S 1
S 2	1 20 39	18°16'36	10♎47	5♏58	25°50	18°39	14°36	29♈57	5♓40	29° 8	8♈56	17°R23	17°12	9°28	28♈57	S 2
M 3	1 24 35	19°16'14	25°58	5°34	27° 2	19°14	14°40	29°52	5°39	29° 9	8°55	17♎23	17° 9	9°35	28°54	M 3
T 4	1 28 32	20°15'54	11♏ 2	5° 2	28°14	19°49	14°43	29°48	5°37	29° 9	8°54	17°23	17° 6	9°41	28°51	T 4
W 5	1 32 28	21°15'36	25°50	4°21	29°26	20°24	14°47	29°43	5°36	29°10	8°53	17°23	17° 3	9°48	28°48	W 5
T 6	1 36 25	22°15'20	10♐14	3°31	0♐38	20°58	14°51	29°38	5°34	29°10	8°52	17°22	17° 0	9°55	28°45	T 6
F 7	1 40 22	23°15'06	24°13	2°33	1°50	21°33	14°54	29°33	5°33	29°11	8°51	17°22	16°57	10° 1	28°42	F 7
S 8	1 44 18	24°14'53	7♑44	1°29	3° 1	22° 7	14°57	29°29	5°31	29°11	8°50	17°21	16°53	10° 8	28°39	S 8
S 9	1 48 15	25°14'42	20°50	0°19	4°13	22°42	15° 0	29°24	5°30	29°12	8°48	17°D21	16°50	10°15	28°36	S 9
M10	1 52 11	26°14'33	3♒32	29♎ 4	5°25	23°16	15° 3	29°19	5°29	29°12	8°47	17°21	16°47	10°21	28°33	M10
T 11	1 56 8	27°14'26	15°55	27°48	6°36	23°50	15° 5	29°14	5°28	29°13	8°46	17°22	16°44	10°28	28°30	T 11
W12	2 0 4	28°14'20	28° 3	26°32	7°48	24°24	15° 7	29° 9	5°26	29°13	8°45	17°22	16°41	10°34	28°27	W12
T 13	2 4 1	29°14'16	10♓ 1	25°18	8°59	24°58	15°10	29° 5	5°25	29°14	8°44	17°24	16°37	10°41	28°24	T 13
F 14	2 7 57	0♏14'13	21°51	24°10	10°11	25°32	15°12	29° 0	5°24	29°14	8°43	17°25	16°34	10°48	28°21	F 14
S 15	2 11 54	1°14'13	3♈39	23° 8	11°22	26° 5	15°13	28°55	5°23	29°14	8°42	17°26	16°31	10°54	28°19	S 15
S 16	2 15 51	2°14'14	15°27	22°16	12°33	26°39	15°15	28°50	5°22	29°14	8°41	17°R26	16°28	11° 1	28°16	S 16
M17	2 19 47	3°14'17	27°17	21°33	13°45	27°12	15°16	28°45	5°21	29°15	8°40	17°26	16°25	11° 8	28°13	M17
T 18	2 23 44	4°14'21	9♉13	21° 1	14°56	27°46	15°17	28°40	5°20	29°15	8°39	17°25	16°22	11°14	28°10	T 18
W19	2 27 40	5°14'28	21°15	20°41	16° 7	28°19	15°18	28°36	5°20	29°15	8°38	17°23	16°18	11°21	28° 7	W19
T 20	2 31 37	6°14'37	3♊26	20°D33	17°18	28°52	15°19	28°31	5°19	29°15	8°37	17°20	16°15	11°28	28° 4	T 20
F 21	2 35 33	7°14'47	15°47	20°36	18°29	29°25	15°20	28°26	5°18	29°15	8°36	17°17	16°12	11°34	28° 1	F 21
S 22	2 39 30	8°15'00	28°20	20°50	19°40	29°58	15°20	28°21	5°17	29°15	8°35	17°14	16° 9	11°41	27°58	S 22
S 23	2 43 26	9°15'15	11♋ 7	21°14	20°51	0♍31	15°20	28°17	5°17	29°R15	8°34	17°11	16° 6	11°48	27°55	S 23
M24	2 47 23	10°15'31	24°10	21°47	22° 2	1° 4	15°R20	28°12	5°16	29°15	8°33	17° 9	16° 3	11°54	27°52	M24
T 25	2 51 20	11°15'50	7♌31	22°29	23°12	1°36	15°20	28° 7	5°15	29°15	8°32	17°D 8	15°59	12° 1	27°49	T 25
W26	2 55 16	12°16'11	21°11	23°18	24°23	2° 9	15°20	28° 3	5°15	29°15	8°31	17° 8	15°56	12° 7	27°46	W26
T 27	2 59 13	13°16'33	5♍12	24°14	25°34	2°41	15°19	27°58	5°14	29°15	8°30	17° 9	15°53	12°14	27°43	T 27
F 28	3 3 9	14°16'58	19°33	25°16	26°44	3°14	15°18	27°54	5°14	29°15	8°29	17°11	15°50	12°21	27°40	F 28
S 29	3 7 6	15°17'24	4♎12	26°22	27°54	3°46	15°17	27°49	5°14	29°15	8°28	17°12	15°47	12°27	27°38	S 29
S 30	3 11 2	16°17'53	19° 4	27°34	29° 5	4°18	15°16	27°45	5°13	29°14	8°27	17°R12	15°43	12°34	27°35	S 30
M31	3 14 59	17♏18'23	4♏ 3	28♎49	0♑15	4♍50	15♋15	27♈40	5♓13	29♋14	8♈26	17♎12	15♎40	12♈41	27♈32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s48	0s 4	1s58	16s39	3s13	20s12	1s16	16n45	1n23	22n38	0s 4	8n55	2s46	10s11	0s48	20n 4	0s19	12s27	17s27	6s50	6s48	4n22	10n52	0s18
S 2	7 11	4 50	0 37	16 29	3 7	20 32	1 19	16 35	1 23	22 38	0 4	8 53	2 46	10 12	0 48	20 4	0 19	12 28	17 27	6 50	6 46	4 24	10 51	0 18
M 3	7 34	9 19	0n48	16 14	3 0	20 52	1 22	16 25	1 24	22 37	0 4	8 51	2 46	10 12	0 48	20 4	0 19	12 28	17 26	6 50	6 45	4 26	10 50	0 18
T 4	7 56	13 9	2 8	15 54	2 51	21 12	1 25	16 15	1 25	22 37	0 4	8 50	2 46	10 13	0 48	20 4	0 19	12 29	17 26	6 50	6 44	4 27	10 49	0 18
W 5	8 19	16 3	3 18	15 30	2 40	21 30	1 28	16 4	1 26	22 37	0 4	8 48	2 46	10 13	0 48	20 4	0 19	12 29	17 26	6 50	6 43	4 29	10 47	0 18
T 6	8 41	17 51	4 14	15 2	2 28	21 49	1 31	15 54	1 26	22 36	0 3	8 46	2 46	10 14	0 48	20 4	0 19	12 29	17 26	6 50	6 41	4 31	10 46	0 18
F 7	9 3	18 30	4 52	14 28	2 13	22 6	1 34	15 44	1 27	22 36	0 3	8 45	2 46	10 14	0 48	20 4	0 19	12 30	17 26	6 50	6 40	4 33	10 45	0 18
S 8	9 25	18 3	5 13	13 51	1 57	22 24	1 37	15 33	1 28	22 36	0 3	8 43	2 46	10 15	0 48	20 4	0 19	12 30	17 26	6 50	6 39	4 35	10 44	0 18
S 9	9 47	16 39	5 17	13 10	1 40	22 40	1 40	15 23	1 29	22 36	0 3	8 41	2 46	10 15	0 48	20 3	0 19	12 30	17 26	6 50	6 38	4 37	10 43	0 19
M10	10 9	14 27	5 5	12 25	1 21	22 56	1 43	15 12	1 29	22 35	0 3	8 40	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 37	4 38	10 42	0 19
T 11	10 31	11 39	4 39	11 39	1 1	23 11	1 45	15 1	1 30	22 35	0 3	8 38	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 35	4 40	10 41	0 19
W12	10 52	8 24	4 1	10 53	0 40	23 26	1 48	14 51	1 31	22 35	0 3	8 36	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 34	4 42	10 39	0 19
T 13	11 14	4 51	3 13	10 7	0 19	23 40	1 51	14 40	1 32	22 35	0 3	8 35	2 46	10 17	0 48	20 3	0 19	12 32	17 25	6 51	6 33	4 44	10 38	0 19
F 14	11 35	1 8	2 17	9 23	0n 1	23 54	1 53	14 29	1 33	22 35	0 3	8 33	2 46	10 17	0 48	20 3	0 19	12 32	17 25	6 51	6 32	4 46	10 37	0 19
S 15	11 56	2n37	1 16	8 41	0 21	24 6	1 56	14 19	1 33	22 35	0 2	8 31	2 46	10 18	0 48	20 3	0 19	12 32	17 25	6 51	6 30	4 47	10 36	0 19
S 16	12 17	6 16	0 11	8 4	0 40	24 19	1 59	14 8	1 34	22 35	0 2	8 30	2 46	10 18	0 47	20 3	0 19	12 32	17 25	6 52	6 29	4 49	10 35	0 19
M17	12 37	9 41	0s54	7 32	0 57	24 30	2 1	13 57	1 35	22 35	0 2	8 28	2 46	10 18	0 47	20 3	0 19	12 33	17 25	6 51	6 28	4 51	10 34	0 19
T 18	12 58	12 44	1 58	7 6	1 13	24 41	2 3	13 46	1 36	22 35	0 2	8 26	2 46	10 18	0 47	20 3	0 19	12 33	17 25	6 51	6 27	4 53	10 33	0 19
W19	13 18	15 16	2 56	6 45	1 27	24 51	2 6	13 36	1 37	22 35	0 2	8 25	2 46	10 19	0 47	20 3	0 19	12 33	17 25	6 50	6 26	4 55	10 31	0 19
T 20	13 38	17 9	3 48	6 31	1 39	25 0	2 8	13 25	1 37	22 35	0 2	8 23	2 46	10 19	0 47	20 3	0 19	12 33	17 24	6 49	6 24	4 56	10 30	0 19
F 21	13 58	18 16	4 29	6 22	1 49	25 9	2 10	13 14	1 38	22 35	0 2	8 21	2 46	10 19	0 47	20 3	0 19	12 34	17 24	6 48	6 23	4 58	10 29	0 20
S 22	14 17	18 30	4 58	6 20	1 58	25 17	2 12	13 3	1 39	22 35	0 2	8 20	2 46	10 20	0 47	20 3	0 19	12 34	17 24	6 47	6 22	5 0	10 28	0 20
S 23	14 37	17 49	5 13	6 22	2 5	25 25	2 14	12 52	1 40	22 35	0 1	8 18	2 46	10 20	0 47	20 3	0 19	12 34	17 24	6 46	6 21	5 2	10 27	0 20
M24	14 56	16 11	5 13	6 30	2 10	25 31	2 16	12 41	1 41	22 35	0 1	8 17	2 46	10 20	0 47	20 3	0 19	12 34	17 24	6 45	6 19	5 4	10 26	0 20
T 25	15 14	13 40	4 56	6 42	2 14	25 37	2 18	12 30	1 41	22 35	0 1	8 15	2 46	10 20	0 47	20 3	0 19	12 34	17 23	6 45	6 18	5 5	10 25	0 20
W26	15 33	10 20	4 21	6 58	2 16	25 42	2 20	12 19	1 42	22 35	0 1	8 13	2 46	10 20	0 47	20 3	0 19	12 35	17 23	6 45	6 17	5 7	10 23	0 20
T 27	15 51	6 21	3 31	7 17	2 18	25 47	2 22	12 8	1 43	22 36	0 1	8 12	2 45	10 20	0 47	20 3	0 19	12 35	17 23	6 45	6 16	5 9	10 22	0 20
F 28	16 10	1 54	2 26	7 39	2 18	25 51	2 24	11 58	1 44	22 36	0 1	8 10	2 45	10 21	0 47	20 3	0 19	12 35	17 23	6 46	6 15	5 11	10 21	0 20
S 29	16 27	2s46	1 11	8 4	2 17	25 54	2 25	11 47	1 45	22 36	0 1	8 9	2 45	10 21	0 47	20 3	0 19	12 35	17 23	6 46	6 13	5 12	10 20	0 20
S 30	16 45	7 20	0n10	8 32	2 15	25 56	2 27	11 36	1 46	22 36	0 1	8 7	2 45	10 21	0 47	20 3	0 19	12 35	17 22	6 46	6 12	5 14	10 19	0 20
M31	17s 2	11s28	1n31	9s 1	2n12	25s57	2s28	11n25	1n47	22n37	0s 0	8n 6	2s45	10s21	0s47	20n 3	0s19	12s35	17s22	6s46	6s11	5n16	10n18	0s20

Julian Day Number = 2300617.5, Delta T = 108.50 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'24, Lahiri = 18°05'25 Julian Calendar 1 Oct. 1586 == Greg. Calendar 11 Oct. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

NOVEMBER 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 18 55	18♏18'55	19♏ 1	0♏ 7	1♉25	5♍21	15°R13	27°R36	5°R13	29°R14	8°R25	17°R 9	15♎37	12♈47	27°R29	T 1
W 2	3 22 52	19°19'28	3♐48	1°28	2°35	5°53	15♋11	27♈32	5♓13	29♋13	8♈25	17♎ 5	15°34	12°54	27♈27	W 2
T 3	3 26 49	20°20'03	18°18	2°51	3°45	6°24	15° 9	27°27	5°12	29°13	8°24	17° 0	15°31	13° 1	27°24	T 3
F 4	3 30 45	21°20'40	2♉24	4°16	4°55	6°56	15° 7	27°23	5°12	29°13	8°23	16°54	15°28	13° 7	27°21	F 4
S 5	3 34 42	22°21'18	16° 3	5°43	6° 5	7°27	15° 5	27°19	5°D12	29°12	8°22	16°49	15°24	13°14	27°19	S 5
S 6	3 38 38	23°21'57	29°15	7°11	7°15	7°58	15° 2	27°15	5°12	29°12	8°21	16°45	15°21	13°21	27°16	S 6
M 7	3 42 35	24°22'37	12♒ 2	8°40	8°24	8°29	14°59	27°11	5°13	29°11	8°21	16°43	15°18	13°27	27°13	M 7
T 8	3 46 31	25°23'18	24°27	10°10	9°34	8°59	14°56	27° 7	5°13	29°11	8°20	16°D42	15°15	13°34	27°11	T 8
W 9	3 50 28	26°24'00	6♓35	11°41	10°43	9°30	14°53	27° 3	5°13	29°10	8°19	16°42	15°12	13°41	27° 8	W 9
T 10	3 54 24	27°24'43	18°30	13°13	11°52	10° 0	14°50	26°59	5°13	29°10	8°18	16°44	15° 9	13°47	27° 6	T 10
F 11	3 58 21	28°25'28	0♈19	14°44	13° 2	10°31	14°46	26°55	5°13	29° 9	8°18	16°46	15° 5	13°54	27° 3	F 11
S 12	4 2 18	29°26'13	12° 6	16°17	14°11	11° 1	14°43	26°52	5°14	29° 8	8°17	16°R47	15° 2	14° 0	27° 1	S 12
S 13	4 6 14	0♐27'00	23°55	17°49	15°19	11°31	14°39	26°48	5°14	29° 8	8°16	16°47	14°59	14° 7	26°59	S 13
M14	4 10 11	1°27'48	5♉50	19°22	16°28	12° 0	14°35	26°45	5°15	29° 7	8°16	16°44	14°56	14°14	26°56	M14
T 15	4 14 7	2°28'37	17°54	20°55	17°37	12°30	14°30	26°41	5°15	29° 6	8°15	16°40	14°53	14°20	26°54	T 15
W16	4 18 4	3°29'27	0♊ 8	22°28	18°45	12°59	14°26	26°38	5°16	29° 5	8°15	16°34	14°49	14°27	26°52	W16
T 17	4 22 0	4°30'18	12°35	24° 2	19°53	13°29	14°21	26°35	5°16	29° 5	8°14	16°26	14°46	14°34	26°49	T 17
F 18	4 25 57	5°31'10	25°14	25°35	21° 1	13°58	14°16	26°31	5°17	29° 4	8°13	16°16	14°43	14°40	26°47	F 18
S 19	4 29 53	6°32'04	8♋ 6	27° 9	22° 9	14°26	14°11	26°28	5°18	29° 3	8°13	16° 7	14°40	14°47	26°45	S 19
S 20	4 33 50	7°32'58	21°10	28°42	23°17	14°55	14° 6	26°25	5°18	29° 2	8°12	15°58	14°37	14°54	26°43	S 20
M21	4 37 47	8°33'54	4♌26	0♐16	24°25	15°24	14° 1	26°22	5°19	29° 1	8°12	15°52	14°34	15° 0	26°41	M21
T 22	4 41 43	9°34'51	17°54	1°49	25°32	15°52	13°56	26°19	5°20	29° 0	8°11	15°47	14°30	15° 7	26°39	T 22
W23	4 45 40	10°35'50	1♍34	3°23	26°39	16°20	13°50	26°17	5°21	28°59	8°11	15°45	14°27	15°14	26°37	W23
T 24	4 49 36	11°36'49	15°27	4°57	27°46	16°48	13°44	26°14	5°22	28°58	8°11	15°D44	14°24	15°20	26°35	T 24
F 25	4 53 33	12°37'50	29°32	6°30	28°53	17°16	13°38	26°11	5°23	28°57	8°10	15°45	14°21	15°27	26°33	F 25
S 26	4 57 29	13°38'52	13♎49	8° 4	29°59	17°43	13°32	26° 9	5°24	28°56	8°10	15°R46	14°18	15°33	26°31	S 26
S 27	5 1 26	14°39'55	28°16	9°38	1♒ 6	18°10	13°26	26° 7	5°25	28°55	8° 9	15°45	14°15	15°40	26°30	S 27
M28	5 5 22	15°40'59	12♏50	11°12	2°12	18°37	13°20	26° 4	5°26	28°54	8° 9	15°42	14°11	15°47	26°28	M28
T 29	5 9 19	16°42'04	27°26	12°46	3°18	19° 4	13°13	26° 2	5°27	28°53	8° 9	15°37	14° 8	15°53	26°26	T 29
W30	5 13 16	17♐43'10	11♐56	14♐20	4♒24	19♍31	13♋ 6	26♈ 0	5♓29	28♋52	8♈ 8	15♎28	14♎ 5	16♈ 0	26♈25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	14s51	2n46	9s31	2n 9	25s58	2s29	11n14	1n47	22n37	0s 0	8n 5	2s45	10s21	0s47	20n 3	0s19	12s35	17s22	6s45	6s10	5n18	10n17	0s21
W 2	17 36	17 13	3 48	10 3	2 5	25 58	2 31	11 3	1 48	22 37	0 0	8 3	2 45	10 21	0 47	20 3	0 19	12 36	17 22	6 43	6 8	5 20	10 16	0 21
T 3	17 52	18 25	4 34	10 36	2 1	25 58	2 32	10 52	1 49	22 38	0 0	8 2	2 45	10 21	0 47	20 3	0 19	12 36	17 21	6 42	6 7	5 21	10 15	0 21
F 4	18 8	18 26	5 2	11 9	1 56	25 56	2 33	10 41	1 50	22 38	0n 0	8 0	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 39	6 6	5 23	10 14	0 21
S 5	18 24	17 21	5 12	11 43	1 51	25 54	2 34	10 30	1 51	22 38	0 0	7 59	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 37	6 5	5 25	10 13	0 21
S 6	18 39	15 23	5 5	12 17	1 45	25 52	2 34	10 20	1 52	22 39	0 0	7 58	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 36	6 3	5 27	10 12	0 21
M 7	18 54	12 42	4 42	12 51	1 39	25 48	2 35	10 9	1 53	22 39	0 0	7 57	2 44	10 21	0 47	20 4	0 19	12 36	17 20	6 35	6 2	5 28	10 11	0 21
T 8	19 9	9 31	4 7	13 26	1 33	25 44	2 36	9 58	1 54	22 40	0 1	7 55	2 44	10 21	0 47	20 4	0 19	12 36	17 20	6 35	6 1	5 30	10 10	0 21
W 9	19 23	6 0	3 22	14 0	1 27	25 39	2 36	9 47	1 54	22 40	0 1	7 54	2 44	10 20	0 47	20 4	0 19	12 36	17 20	6 35	6 0	5 32	10 9	0 21
T 10	19 37	2 17	2 28	14 34	1 20	25 33	2 37	9 37	1 55	22 41	0 1	7 53	2 43	10 20	0 47	20 4	0 19	12 36	17 19	6 35	5 59	5 34	10 8	0 21
F 11	19 51	1n29	1 28	15 8	1 13	25 27	2 37	9 26	1 56	22 41	0 1	7 52	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 57	5 36	10 7	0 21
S 12	20 4	5 11	0 25	15 41	1 7	25 20	2 37	9 15	1 57	22 42	0 1	7 51	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 56	5 37	10 6	0 21
S 13	20 17	8 42	0s39	16 14	1 0	25 13	2 37	9 5	1 58	22 42	0 1	7 49	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 55	5 39	10 5	0 21
M14	20 30	11 54	1 41	16 46	0 53	25 4	2 37	8 54	1 59	22 43	0 1	7 48	2 43	10 20	0 46	20 4	0 19	12 36	17 18	6 36	5 54	5 41	10 4	0 22
T 15	20 42	14 38	2 40	17 17	0 46	24 55	2 37	8 44	2 0	22 43	0 2	7 47	2 42	10 19	0 46	20 5	0 19	12 36	17 18	6 34	5 52	5 43	10 3	0 22
W16	20 54	16 45	3 33	17 48	0 39	24 45	2 36	8 33	2 1	22 44	0 2	7 46	2 42	10 19	0 46	20 5	0 19	12 36	17 18	6 31	5 51	5 44	10 2	0 22
T 17	21 5	18 8	4 16	18 19	0 32	24 35	2 36	8 23	2 2	22 45	0 2	7 45	2 42	10 19	0 46	20 5	0 19	12 36	17 17	6 28	5 50	5 46	10 1	0 22
F 18	21 16	18 38	4 47	18 48	0 25	24 24	2 35	8 13	2 3	22 45	0 2	7 44	2 42	10 19	0 46	20 5	0 19	12 36	17 17	6 25	5 49	5 48	10 1	0 22
S 19	21 27	18 11	5 4	19 17	0 18	24 13	2 35	8 2	2 4	22 46	0 2	7 43	2 41	10 18	0 46	20 5	0 19	12 36	17 17	6 21	5 48	5 50	10 0	0 22
S 20	21 37	16 47	5 5	19 44	0 11	24 0	2 34	7 52	2 5	22 47	0 2	7 43	2 41	10 18	0 46	20 6	0 19	12 35	17 16	6 18	5 46	5 51	9 59	0 22
M21	21 47	14 29	4 51	20 11	0 4	23 47	2 33	7 42	2 6	22 47	0 2	7 42	2 41	10 18	0 46	20 6	0 19	12 35	17 16	6 15	5 45	5 53	9 58	0 22
T 22	21 56	11 22	4 20	20 37	0s 3	23 34	2 32	7 32	2 7	22 48	0 3	7 41	2 41	10 17	0 46	20 6	0 19	12 35	17 16	6 13	5 44	5 55	9 57	0 22
W23	22 5	7 36	3 34	21 2	0 10	23 20	2 31	7 22	2 8	22 49	0 3	7 40	2 41	10 17	0 46	20 6	0 19	12 35	17 15	6 13	5 43	5 57	9 57	0 22
T 24	22 14	3 22	2 35	21 27	0 17	23 5	2 29	7 12	2 9	22 50	0 3	7 39	2 40	10 17	0 46	20 6	0 19	12 35	17 15	6 12	5 41	5 58	9 56	0 22
F 25	22 22	1s 8	1 26	21 50	0 23	22 50	2 28	7 2	2 10	22 50	0 3	7 39	2 40	10 16	0 46	20 7	0 19	12 35	17 15	6 13	5 40	6 0	9 55	0 22
S 26	22 29	5 37	0 10	22 12	0 30	22 34	2 26	6 52	2 11	22 51	0 3	7 38	2 40	10 16	0 46	20 7	0 19	12 35	17 14	6 13	5 39	6 2	9 54	0 22
S 27	22 36	9 51	1n 7	22 32	0 36	22 18	2 24	6 42	2 12	22 52	0 3	7 37	2 40	10 15	0 46	20 7	0 19	12 35	17 14	6 13	5 38	6 4	9 54	0 22
M28	22 43	13 30	2 20	22 52	0 43	22 1	2 22	6 33	2 13	22 53	0 3	7 37	2 39	10 15	0 46	20 7	0 19	12 34	17 14	6 12	5 36	6 5	9 53	0 23
T 29	22 49	16 19	3 23	23 11	0 49	21 44	2 20	6 23	2 14	22 53	0 4	7 36	2 39	10 14	0 46	20 7	0 19	12 34	17 13	6 9	5 35	6 7	9 52	0 23
W30	22s55	18s 5	4n14	23s28	0s55	21s26	2s18	6n13	2n15	22n54	0n 4	7n36	2s39	10s14	0s46	20n 8	0s19	12s34	17s13	6s 6	5s34	6n 9	9n52	0s23

Julian Day Number = 2300648.5, Delta T = 108.36 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'28, Lahiri = 18°05'29 Julian Calendar 1 Nov. 1586 == Greg. Calendar 11 Nov. 1586

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ASTRODIENST EPHEMERIS for the year 1586
geocentric

DECEMBER 1586 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 17 12	18♐44'16	26♐15	15♐54	5♒29	19♍57	13°R 0	25°R58	5♓30	28°R50	8°R 8	15°R18	14♎ 2	16♈ 7	26°R23	T 1
F 2	5 21 9	19°45'23	10♑15	17°28	6°35	20°23	12♋53	25♈56	5°31	28♋49	8♈ 8	15♎ 7	13°59	16°13	26♈22	F 2
S 3	5 25 5	20°46'31	23°54	19° 3	7°40	20°49	12°46	25°54	5°33	28°48	8° 8	14°56	13°55	16°20	26°20	S 3
S 4	5 29 2	21°47'39	7♒ 8	20°38	8°44	21°15	12°39	25°53	5°34	28°47	8° 7	14°47	13°52	16°27	26°19	S 4
M 5	5 32 58	22°48'47	19°57	22°12	9°49	21°40	12°32	25°51	5°36	28°45	8° 7	14°39	13°49	16°33	26°17	M 5
T 6	5 36 55	23°49'56	2♓25	23°47	10°53	22° 5	12°24	25°50	5°37	28°44	8° 7	14°35	13°46	16°40	26°16	T 6
W 7	5 40 51	24°51'05	14°34	25°23	11°57	22°30	12°17	25°48	5°39	28°43	8° 7	14°32	13°43	16°47	26°15	W 7
T 8	5 44 48	25°52'13	26°31	26°58	13° 0	22°54	12° 9	25°47	5°40	28°41	8° 7	14°D32	13°40	16°53	26°14	T 8
F 9	5 48 45	26°53'22	8♈20	28°34	14° 4	23°19	12° 2	25°46	5°42	28°40	8° 7	14°R32	13°36	17° 0	26°13	F 9
S 10	5 52 41	27°54'31	20° 7	0♑10	15° 6	23°43	11°54	25°45	5°44	28°39	8° 7	14°32	13°33	17° 7	26°12	S 10
S 11	5 56 38	28°55'40	1♉58	1°46	16° 9	24° 6	11°47	25°44	5°46	28°37	8° 7	14°31	13°30	17°13	26°11	S 11
M12	6 0 34	29°56'50	13°56	3°22	17°11	24°30	11°39	25°43	5°47	28°36	8° 7	14°27	13°27	17°20	26°10	M12
T 13	6 4 31	0♑57'59	26° 7	4°59	18°13	24°53	11°31	25°43	5°49	28°34	8°D 7	14°21	13°24	17°26	26° 9	T 13
W14	6 8 27	1°59'08	8♊33	6°36	19°14	25°16	11°23	25°42	5°51	28°33	8° 7	14°11	13°21	17°33	26° 8	W14
T 15	6 12 24	3° 0'17	21°16	8°13	20°15	25°38	11°15	25°42	5°53	28°31	8° 7	14° 0	13°17	17°40	26° 7	T 15
F 16	6 16 21	4° 1'27	4♋16	9°50	21°16	26° 0	11° 7	25°41	5°55	28°30	8° 7	13°46	13°14	17°46	26° 7	F 16
S 17	6 20 17	5° 2'36	17°31	11°28	22°16	26°22	10°59	25°41	5°57	28°28	8° 7	13°33	13°11	17°53	26° 6	S 17
S 18	6 24 14	6° 3'46	1♌ 0	13° 6	23°15	26°44	10°51	25°41	5°59	28°27	8° 7	13°20	13° 8	18° 0	26° 5	S 18
M19	6 28 10	7° 4'55	14°39	14°44	24°15	27° 5	10°43	25°D41	6° 1	28°25	8° 7	13°10	13° 5	18° 6	26° 5	M19
T 20	6 32 7	8° 6'05	28°27	16°23	25°13	27°25	10°35	25°41	6° 3	28°24	8° 7	13° 3	13° 1	18°13	26° 4	T 20
W21	6 36 3	9° 7'15	12♍21	18° 1	26°11	27°46	10°27	25°41	6° 6	28°22	8° 7	12°58	12°58	18°20	26° 4	W21
T 22	6 40 0	10° 8'25	26°19	19°40	27° 9	28° 6	10°19	25°42	6° 8	28°21	8° 7	12°56	12°55	18°26	26° 4	T 22
F 23	6 43 56	11° 9'35	10♎21	21°19	28° 6	28°26	10°11	25°42	6°10	28°19	8° 8	12°56	12°52	18°33	26° 3	F 23
S 24	6 47 53	12°10'45	24°26	22°58	29° 3	28°45	10° 2	25°43	6°12	28°18	8° 8	12°56	12°49	18°40	26° 3	S 24
S 25	6 51 50	13°11'55	8♏34	24°37	29°59	29° 4	9°54	25°43	6°15	28°16	8° 8	12°54	12°46	18°46	26° 3	S 25
M26	6 55 46	14°13'05	22°43	26°16	0♓54	29°22	9°46	25°44	6°17	28°14	8° 8	12°51	12°42	18°53	26° 3	M26
T 27	6 59 43	15°14'16	6♐50	27°54	1°49	29°41	9°38	25°45	6°20	28°13	8° 9	12°44	12°39	18°59	26°D 3	T 27
W28	7 3 39	16°15'26	20°54	29°33	2°43	29°58	9°30	25°46	6°22	28°11	8° 9	12°34	12°36	19° 6	26° 3	W28
T 29	7 7 36	17°16'36	4♑48	1♒10	3°37	0♎15	9°22	25°47	6°25	28° 9	8° 9	12°22	12°33	19°13	26° 3	T 29
F 30	7 11 32	18°17'45	18°29	2°47	4°29	0°32	9°14	25°48	6°27	28° 8	8°10	12° 9	12°30	19°19	26° 3	F 30
S 31	7 15 29	19♑18'54	1♒53	4♒23	5♓22	0♎49	9♋ 6	25♈50	6♓30	28♋ 6	8♈10	11♎56	12♎27	19♈26	26♈ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	18s39	4n47	23s45	1s 1	21s 8	2s15	6n 4	2n16	22n55	0n 4	7n35	2s38	10s13	0s46	20n 8	0s19	12s34	17s13	6s 2	5s33	6n11	9n51	0s23
F 2	23 6	18 4	5 2	24 0	1 6	20 49	2 13	5 55	2 17	22 56	0 4	7 35	2 38	10 13	0 46	20 8	0 19	12 34	17 12	5 58	5 31	6 12	9 50	0 23
S 3	23 10	16 27	5 0	24 14	1 12	20 29	2 10	5 45	2 18	22 57	0 4	7 35	2 38	10 12	0 46	20 8	0 19	12 33	17 12	5 54	5 30	6 14	9 50	0 23
S 4	23 14	14 0	4 41	24 26	1 17	20 10	2 7	5 36	2 19	22 58	0 4	7 34	2 38	10 12	0 46	20 9	0 19	12 33	17 12	5 50	5 29	6 16	9 49	0 23
M 5	23 18	10 56	4 8	24 38	1 22	19 49	2 4	5 27	2 20	22 58	0 4	7 34	2 37	10 11	0 46	20 9	0 19	12 33	17 11	5 47	5 28	6 18	9 49	0 23
T 6	23 21	7 27	3 25	24 48	1 27	19 29	2 1	5 18	2 21	22 59	0 5	7 34	2 37	10 11	0 46	20 9	0 19	12 33	17 11	5 45	5 27	6 19	9 48	0 23
W 7	23 23	3 44	2 32	24 56	1 32	19 8	1 58	5 9	2 22	23 0	0 5	7 33	2 37	10 10	0 45	20 10	0 19	12 32	17 11	5 45	5 25	6 21	9 48	0 23
T 8	23 26	0n 3	1 34	25 4	1 36	18 46	1 54	5 1	2 23	23 1	0 5	7 33	2 37	10 9	0 45	20 10	0 19	12 32	17 10	5 44	5 24	6 23	9 47	0 23
F 9	23 27	3 49	0 33	25 10	1 41	18 25	1 51	4 52	2 24	23 2	0 5	7 33	2 36	10 9	0 45	20 10	0 19	12 32	17 10	5 44	5 23	6 25	9 47	0 23
S 10	23 28	7 25	0s30	25 14	1 45	18 3	1 47	4 44	2 25	23 3	0 5	7 33	2 36	10 8	0 45	20 10	0 19	12 31	17 9	5 44	5 22	6 26	9 46	0 23
S 11	23 29	10 45	1 31	25 17	1 48	17 40	1 43	4 35	2 27	23 3	0 5	7 33	2 36	10 7	0 45	20 11	0 19	12 31	17 9	5 44	5 20	6 28	9 46	0 23
M12	23 29	13 41	2 29	25 19	1 52	17 17	1 39	4 27	2 28	23 4	0 5	7 33	2 35	10 7	0 45	20 11	0 19	12 31	17 9	5 43	5 19	6 30	9 45	0 23
T 13	23 29	16 3	3 22	25 19	1 55	16 54	1 35	4 19	2 29	23 5	0 6	7 33	2 35	10 6	0 45	20 11	0 19	12 30	17 8	5 40	5 18	6 32	9 45	0 24
W14	23 29	17 44	4 5	25 17	1 58	16 31	1 30	4 11	2 30	23 6	0 6	7 33	2 35	10 5	0 45	20 12	0 19	12 30	17 8	5 36	5 17	6 33	9 45	0 24
T 15	23 27	18 35	4 38	25 14	2 0	16 7	1 25	4 3	2 31	23 7	0 6	7 33	2 35	10 4	0 45	20 12	0 19	12 30	17 8	5 32	5 15	6 35	9 44	0 24
F 16	23 26	18 29	4 56	25 10	2 3	15 43	1 21	3 55	2 32	23 7	0 6	7 33	2 34	10 4	0 45	20 12	0 19	12 29	17 7	5 27	5 14	6 37	9 44	0 24
S 17	23 24	17 23	5 0	25 4	2 5	15 19	1 16	3 48	2 33	23 8	0 6	7 33	2 34	10 3	0 45	20 13	0 18	12 29	17 7	5 21	5 13	6 38	9 44	0 24
S 18	23 21	15 19	4 47	24 56	2 6	14 54	1 10	3 40	2 35	23 9	0 6	7 34	2 34	10 2	0 45	20 13	0 18	12 29	17 7	5 17	5 12	6 40	9 44	0 24
M19	23 18	12 22	4 17	24 47	2 7	14 29	1 5	3 33	2 36	23 10	0 6	7 34	2 33	10 1	0 45	20 13	0 18	12 28	17 6	5 13	5 10	6 42	9 43	0 24
T 20	23 15	8 43	3 32	24 36	2 8	14 5	1 0	3 26	2 37	23 11	0 7	7 34	2 33	10 0	0 45	20 13	0 18	12 28	17 6	5 10	5 9	6 44	9 43	0 24
W21	23 11	4 34	2 34	24 23	2 8	13 39	0 54	3 18	2 38	23 11	0 7	7 35	2 33	10 0	0 45	20 14	0 18	12 27	17 5	5 8	5 8	6 45	9 43	0 24
T 22	23 6	0 8	1 27	24 9	2 8	13 14	0 48	3 12	2 39	23 12	0 7	7 35	2 32	9 59	0 45	20 14	0 18	12 27	17 5	5 7	5 7	6 47	9 43	0 24
F 23	23 1	4s19	0 14	23 53	2 7	12 49	0 42	3 5	2 41	23 13	0 7	7 35	2 32	9 58	0 45	20 14	0 18	12 27	17 5	5 7	5 6	6 49	9 42	0 24
S 24	22 56	8 33	1n 0	23 36	2 6	12 23	0 36	2 58	2 42	23 14	0 7	7 36	2 32	9 57	0 45	20 15	0 18	12 26	17 4	5 7	5 4	6 50	9 42	0 24
S 25	22 50	12 19	2 11	23 17	2 4	11 57	0 29	2 52	2 43	23 14	0 7	7 36	2 32	9 56	0 45	20 15	0 18	12 26	17 4	5 7	5 3	6 52	9 42	0 24
M26	22 44	15 22	3 14	22 56	2 2	11 32	0 23	2 46	2 44	23 15	0 7	7 37	2 31	9 55	0 45	20 15	0 18	12 25	17 4	5 5	5 2	6 54	9 42	0 24
T 27	22 37	17 29	4 4	22 34	1 59	11 6	0 16	2 40	2 45	23 16	0 8	7 38	2 31	9 54	0 45	20 16	0 18	12 25	17 3	5 2	5 1	6 56	9 42	0 24
W28	22 30	18 32	4 39	22 10	1 56	10 40	0 9	2 34	2 47	23 17	0 8	7 38	2 31	9 53	0 45	20 16	0 18	12 24	17 3	4 59	4 59	6 57	9 42	0 24
T 29	22 22	18 27	4 58	21 45	1 51	10 14	0 2	2 28	2 48	23 17	0 8	7 39	2 30	9 52	0 45	20 16	0 18	12 24	17 3	4 54	4 58	6 59	9 42	0 25
F 30	22 14	17 17	4 59	21 18	1 47	9 48	0n 6	2 22	2 49	23 18	0 8	7 40	2 30	9 51	0 45	20 17	0 18	12 23	17 2	4 49	4 57	7 1	9 42	0 25
S 31	22s 6	15s11	4n43	20s50	1s41	9s22	0n13	2n17	2n51	23n19	0n 8	7n40	2s30	9s50	0s45	20n17	0s18	12s23	17s 2	4s44	4s56	7n 2	9n42	0s25

Julian Day Number = 2300678.5, Delta T = 108.23 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'32, Lahiri = 18°05'33 Julian Calendar 1 Dec. 1586 == Greg. Calendar 11 Dec. 1586

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

JANUARY 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 19 25	20♉20'03	14♒58	5♒58	6♓13	1♎ 5	8°R59	25♈51	6♓32	28°R 4	8♈11	11°R44	12♎23	19♈33	26♈ 4	S 1
M 2	7 23 22	21°21'11	27°43	7°31	7° 3	1°20	8♋51	25°53	6°35	28♋ 3	8°11	11♎35	12°20	19°39	26° 4	M 2
T 3	7 27 19	22°22'18	10♓ 9	9° 2	7°53	1°35	8°43	25°54	6°38	28° 1	8°12	11°28	12°17	19°46	26° 4	T 3
W 4	7 31 15	23°23'24	22°19	10°30	8°42	1°49	8°35	25°56	6°40	27°59	8°12	11°24	12°14	19°53	26° 5	W 4
T 5	7 35 12	24°24'29	4♈16	11°56	9°30	2° 3	8°28	25°58	6°43	27°58	8°13	11°23	12°11	19°59	26° 5	T 5
F 6	7 39 8	25°25'33	16° 6	13°19	10°17	2°17	8°20	26° 0	6°46	27°56	8°13	11°D23	12° 7	20° 6	26° 6	F 6
S 7	7 43 5	26°26'36	27°53	14°37	11° 3	2°30	8°13	26° 2	6°49	27°54	8°14	11°R23	12° 4	20°13	26° 7	S 7
S 8	7 47 1	27°27'39	9♉44	15°51	11°48	2°42	8° 6	26° 4	6°51	27°53	8°14	11°22	12° 1	20°19	26° 7	S 8
M 9	7 50 58	28°28'40	21°44	16°59	12°32	2°54	7°59	26° 7	6°54	27°51	8°15	11°19	11°58	20°26	26° 8	M 9
T 10	7 54 54	29°29'40	3♊58	18° 1	13°15	3° 5	7°52	26° 9	6°57	27°49	8°16	11°14	11°55	20°33	26° 9	T 10
W11	7 58 51	0♒30'39	16°29	18°55	13°57	3°16	7°45	26°12	7° 0	27°47	8°16	11° 7	11°52	20°39	26°10	W11
T 12	8 2 48	1°31'37	29°21	19°42	14°37	3°26	7°38	26°14	7° 3	27°46	8°17	10°57	11°48	20°46	26°11	T 12
F 13	8 6 44	2°32'34	12♋36	20°20	15°17	3°36	7°31	26°17	7° 6	27°44	8°18	10°45	11°45	20°52	26°12	F 13
S 14	8 10 41	3°33'30	26°10	20°49	15°55	3°45	7°24	26°20	7° 9	27°42	8°18	10°34	11°42	20°59	26°13	S 14
S 15	8 14 37	4°34'25	10♌ 3	21° 7	16°31	3°53	7°18	26°23	7°12	27°41	8°19	10°23	11°39	21° 6	26°14	S 15
M16	8 18 34	5°35'19	24°10	21°R15	17° 7	4° 1	7°12	26°26	7°15	27°39	8°20	10°13	11°36	21°12	26°15	M16
T 17	8 22 30	6°36'11	8♍25	21°11	17°41	4° 8	7° 5	26°29	7°18	27°37	8°20	10° 7	11°32	21°19	26°17	T 17
W18	8 26 27	7°37'03	22°44	20°56	18°13	4°15	6°59	26°32	7°21	27°36	8°21	10° 3	11°29	21°26	26°18	W18
T 19	8 30 23	8°37'54	7♎ 2	20°31	18°44	4°21	6°53	26°35	7°24	27°34	8°22	10°D 2	11°26	21°32	26°19	T 19
F 20	8 34 20	9°38'44	21°17	19°54	19°13	4°26	6°48	26°39	7°27	27°32	8°23	10° 2	11°23	21°39	26°21	F 20
S 21	8 38 17	10°39'33	5♏25	19° 8	19°41	4°31	6°42	26°42	7°30	27°31	8°24	10°R 3	11°20	21°46	26°22	S 21
S 22	8 42 13	11°40'21	19°27	18°14	20° 7	4°35	6°36	26°46	7°34	27°29	8°25	10° 3	11°17	21°52	26°24	S 22
M23	8 46 10	12°41'08	3♐22	17°13	20°31	4°38	6°31	26°50	7°37	27°27	8°25	10° 1	11°13	21°59	26°25	M23
T 24	8 50 6	13°41'55	17° 8	16° 6	20°53	4°40	6°26	26°53	7°40	27°26	8°26	9°56	11°10	22° 6	26°27	T 24
W25	8 54 3	14°42'40	0♑46	14°56	21°14	4°42	6°21	26°57	7°43	27°24	8°27	9°50	11° 7	22°12	26°29	W25
T 26	8 57 59	15°43'24	14°13	13°45	21°32	4°43	6°16	27° 1	7°46	27°23	8°28	9°41	11° 4	22°19	26°30	T 26
F 27	9 1 56	16°44'07	27°29	12°35	21°49	4°R43	6°12	27° 5	7°50	27°21	8°29	9°31	11° 1	22°26	26°32	F 27
S 28	9 5 52	17°44'48	10♒30	11°27	22° 3	4°43	6° 7	27°10	7°53	27°20	8°30	9°21	10°58	22°32	26°34	S 28
S 29	9 9 49	18°45'28	23°18	10°23	22°15	4°42	6° 3	27°14	7°56	27°18	8°31	9°13	10°54	22°39	26°36	S 29
M30	9 13 46	19°46'07	5♓50	9°24	22°25	4°40	5°59	27°18	8° 0	27°16	8°32	9° 6	10°51	22°45	26°38	M30
T 31	9 17 42	20♒46'44	18♓ 8	8♒32	22♓33	4♎37	5♋55	27♈23	8♓ 3	27♋15	8♈33	9♎ 1	10♎48	22♈52	26♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s57	12 s22	4n12	20 s21	1 s35	8 s55	0n21	2n12	2n52	23n19	0n 8	7n41	2 s29	9 s49	0 s45	20n17	0 s18	12 s22	17 s 1	4 s39	4 s54	7n 4	9n42	0 s25
M 2	21 47	9 1	3 29	19 50	1 28	8 29	0 29	2 7	2 53	23 20	0 8	7 42	2 29	9 48	0 45	20 18	0 18	12 22	17 1	4 35	4 53	7 6	9 42	0 25
T 3	21 38	5 21	2 38	19 19	1 20	8 3	0 37	2 2	2 54	23 21	0 9	7 43	2 29	9 47	0 45	20 18	0 18	12 21	17 1	4 33	4 52	7 8	9 42	0 25
W 4	21 28	1 32	1 39	18 47	1 11	7 37	0 45	1 58	2 56	23 21	0 9	7 44	2 29	9 46	0 45	20 19	0 18	12 21	17 0	4 31	4 51	7 9	9 42	0 25
T 5	21 17	2n17	0 38	18 13	1 1	7 11	0 54	1 53	2 57	23 22	0 9	7 45	2 28	9 45	0 45	20 19	0 18	12 20	17 0	4 31	4 49	7 11	9 43	0 25
F 6	21 6	5 58	0 s25	17 40	0 50	6 46	1 3	1 49	2 58	23 23	0 9	7 46	2 28	9 44	0 45	20 19	0 18	12 20	17 0	4 31	4 48	7 13	9 43	0 25
S 7	20 55	9 24	1 27	17 6	0 39	6 20	1 12	1 45	3 0	23 23	0 9	7 47	2 28	9 43	0 45	20 20	0 18	12 19	16 59	4 31	4 47	7 14	9 43	0 25
S 8	20 43	12 28	2 25	16 33	0 26	5 54	1 21	1 41	3 1	23 24	0 9	7 48	2 27	9 42	0 45	20 20	0 18	12 19	16 59	4 30	4 46	7 16	9 43	0 25
M 9	20 31	15 4	3 17	15 59	0 13	5 29	1 30	1 38	3 2	23 24	0 9	7 49	2 27	9 41	0 45	20 20	0 18	12 18	16 59	4 29	4 44	7 18	9 43	0 25
T 10	20 18	17 2	4 2	15 27	0n 1	5 4	1 40	1 35	3 4	23 25	0 9	7 50	2 27	9 40	0 44	20 21	0 18	12 18	16 58	4 27	4 43	7 19	9 44	0 25
W11	20 5	18 14	4 36	14 56	0 16	4 39	1 49	1 32	3 5	23 25	0 10	7 51	2 27	9 39	0 44	20 21	0 18	12 17	16 58	4 24	4 42	7 21	9 44	0 25
T 12	19 52	18 33	4 57	14 26	0 32	4 14	1 59	1 29	3 6	23 26	0 10	7 53	2 26	9 38	0 44	20 21	0 18	12 17	16 58	4 20	4 41	7 23	9 44	0 25
F 13	19 38	17 52	5 2	13 58	0 49	3 50	2 9	1 26	3 8	23 26	0 10	7 54	2 26	9 37	0 44	20 22	0 18	12 16	16 57	4 16	4 39	7 24	9 44	0 25
S 14	19 24	16 11	4 52	13 33	1 6	3 26	2 19	1 24	3 9	23 27	0 10	7 55	2 26	9 36	0 44	20 22	0 18	12 15	16 57	4 11	4 38	7 26	9 45	0 25
S 15	19 10	13 32	4 24	13 11	1 23	3 2	2 30	1 22	3 10	23 27	0 10	7 56	2 25	9 34	0 44	20 22	0 18	12 15	16 57	4 7	4 37	7 28	9 45	0 26
M16	18 55	10 3	3 39	12 52	1 41	2 38	2 40	1 20	3 12	23 28	0 10	7 58	2 25	9 33	0 44	20 23	0 18	12 14	16 56	4 3	4 36	7 30	9 45	0 26
T 17	18 40	5 57	2 40	12 36	1 58	2 15	2 51	1 18	3 13	23 28	0 10	7 59	2 25	9 32	0 44	20 23	0 18	12 14	16 56	4 1	4 34	7 31	9 46	0 26
W18	18 24	1 30	1 31	12 25	2 15	1 52	3 2	1 17	3 14	23 29	0 10	8 1	2 25	9 31	0 44	20 23	0 18	12 13	16 56	3 59	4 33	7 33	9 46	0 26
T 19	18 9	3 s 3	0 16	12 17	2 32	1 30	3 13	1 15	3 15	23 29	0 11	8 2	2 24	9 30	0 44	20 24	0 18	12 13	16 55	3 59	4 32	7 35	9 47	0 26
F 20	17 52	7 24	1n 0	12 14	2 47	1 8	3 25	1 15	3 17	23 30	0 11	8 4	2 24	9 29	0 44	20 24	0 18	12 12	16 55	3 59	4 31	7 36	9 47	0 26
S 21	17 36	11 17	2 12	12 15	3 1	0 47	3 36	1 14	3 18	23 30	0 11	8 5	2 24	9 27	0 44	20 24	0 18	12 11	16 55	3 59	4 29	7 38	9 48	0 26
S 22	17 19	14 30	3 15	12 20	3 13	0 26	3 48	1 14	3 19	23 30	0 11	8 7	2 24	9 26	0 44	20 25	0 18	12 11	16 54	3 59	4 28	7 40	9 48	0 26
M23	17 2	16 51	4 6	12 28	3 24	0 6	4 0	1 14	3 21	23 31	0 11	8 8	2 23	9 25	0 44	20 25	0 18	12 10	16 54	3 58	4 27	7 41	9 49	0 26
T 24	16 45	18 11	4 42	12 40	3 32	0n14	4 11	1 14	3 22	23 31	0 11	8 10	2 23	9 24	0 44	20 25	0 18	12 9	16 54	3 57	4 26	7 43	9 49	0 26
W25	16 27	18 27	5 2	12 54	3 38	0 33	4 23	1 14	3 23	23 31	0 11	8 11	2 23	9 23	0 44	20 26	0 18	12 9	16 54	3 54	4 24	7 45	9 50	0 26
T 26	16 9	17 41	5 5	13 11	3 42	0 51	4 36	1 15	3 24	23 32	0 11	8 13	2 22	9 21	0 44	20 26	0 18	12 8	16 53	3 51	4 23	7 46	9 50	0 26
F 27	15 51	15 57	4 51	13 30	3 43	1 9	4 48	1 16	3 26	23 32	0 11	8 15	2 22	9 20	0 44	20 26	0 18	12 8	16 53	3 47	4 22	7 48	9 51	0 26
S 28	15 33	13 26	4 22	13 50	3 42	1 26	5 0	1 17	3 27	23 32	0 12	8 17	2 22	9 19	0 44	20 27	0 18	12 7	16 53	3 43	4 21	7 50	9 52	0 26
S 29	15 14	10 18	3 41	14 10	3 39	1 42	5 12	1 19	3 28	23 33	0 12	8 18	2 22	9 18	0 44	20 27	0 18	12 6	16 52	3 39	4 20	7 51	9 52	0 26
M30	14 55	6 46	2 49	14 31	3 33	1 57	5 25	1 21	3 29	23 33	0 12	8 20	2 21	9 16	0 44	20 27	0 18	12 6	16 52	3 37	4 18	7 53	9 53	0 26
T 31	14 s36	3 s 1	1n50	14 s51	3n26	2n12	5n37	1n23	3n30	23n33	0n12	8n22	2 s21	9 s15	0 s44	20n28	0 s18	12 s 5	16 s52	3 s35	4 s17	7n55	9n54	0 s26

Julian Day Number = 2300709.5, Delta T = 108.09 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'37, Lahiri = 18°05'37 Julian Calendar 1 Jan. 1587 == Greg. Calendar 11 Jan. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

FEBRUARY 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 21 39	21♒47'19	0♈13	7°R46	22♓38	4°R34	5°R51	27♈27	8♓ 6	27°R13	8♈34	8°R59	10♎45	22♈59	26♈42	W 1
T 2	9 25 35	22°47'53	12° 8	7♒ 8	22°41	4♎29	5♋47	27°32	8°10	27♋12	8°35	8°D58	10°42	23° 5	26°44	T 2
F 3	9 29 32	23°48'25	23°57	6°38	22°R42	4°24	5°44	27°37	8°13	27°10	8°36	8♎59	10°38	23°12	26°46	F 3
S 4	9 33 28	24°48'55	5♉44	6°15	22°40	4°19	5°41	27°41	8°16	27° 9	8°37	9° 1	10°35	23°19	26°48	S 4
S 5	9 37 25	25°49'23	17°35	6° 0	22°35	4°12	5°38	27°46	8°20	27° 7	8°38	9° 2	10°32	23°25	26°51	S 5
M 6	9 41 21	26°49'49	29°34	5°52	22°28	4° 5	5°35	27°51	8°23	27° 6	8°40	9°R 2	10°29	23°32	26°53	M 6
T 7	9 45 18	27°50'14	11♊46	5°D51	22°19	3°56	5°32	27°56	8°26	27° 5	8°41	9° 1	10°26	23°39	26°55	T 7
W 8	9 49 15	28°50'36	24°17	5°57	22° 7	3°48	5°30	28° 1	8°30	27° 3	8°42	8°58	10°23	23°45	26°58	W 8
T 9	9 53 11	29°50'57	7♋10	6° 9	21°52	3°38	5°28	28° 6	8°33	27° 2	8°43	8°54	10°19	23°52	27° 0	T 9
F 10	9 57 8	0♓51'15	20°28	6°27	21°35	3°27	5°26	28°12	8°37	27° 0	8°44	8°48	10°16	23°59	27° 3	F 10
S 11	10 1 4	1°51'32	4♌11	6°50	21°15	3°16	5°24	28°17	8°40	26°59	8°45	8°42	10°13	24° 5	27° 5	S 11
S 12	10 5 1	2°51'47	18°18	7°19	20°54	3° 4	5°22	28°22	8°44	26°58	8°47	8°36	10°10	24°12	27° 8	S 12
M13	10 8 57	3°51'59	2♍44	7°52	20°29	2°51	5°21	28°28	8°47	26°57	8°48	8°31	10° 7	24°19	27°11	M13
T 14	10 12 54	4°52'10	17°24	8°30	20° 3	2°38	5°20	28°33	8°50	26°55	8°49	8°28	10° 4	24°25	27°13	T 14
W15	10 16 50	5°52'20	2♎10	9°12	19°35	2°24	5°19	28°39	8°54	26°54	8°50	8°D26	10° 0	24°32	27°16	W15
T 16	10 20 47	6°52'27	16°55	9°57	19° 5	2° 9	5°18	28°45	8°57	26°53	8°51	8°26	9°57	24°38	27°19	T 16
F 17	10 24 43	7°52'33	1♏33	10°46	18°33	1°53	5°17	28°50	9° 1	26°52	8°53	8°28	9°54	24°45	27°22	F 17
S 18	10 28 40	8°52'37	15°58	11°39	17°59	1°37	5°17	28°56	9° 4	26°50	8°54	8°29	9°51	24°52	27°25	S 18
S 19	10 32 37	9°52'40	0♐10	12°35	17°25	1°20	5°16	29° 2	9° 8	26°49	8°55	8°30	9°48	24°58	27°27	S 19
M20	10 36 33	10°52'41	14° 4	13°33	16°49	1° 2	5°D16	29° 8	9°11	26°48	8°57	8°R31	9°44	25° 5	27°30	M20
T 21	10 40 30	11°52'41	27°43	14°34	16°12	0°44	5°16	29°14	9°15	26°47	8°58	8°30	9°41	25°12	27°33	T 21
W22	10 44 26	12°52'39	11♑ 5	15°38	15°35	0°25	5°17	29°20	9°18	26°46	8°59	8°27	9°38	25°18	27°36	W22
T 23	10 48 23	13°52'35	24°12	16°44	14°57	0° 6	5°17	29°26	9°21	26°45	9° 0	8°24	9°35	25°25	27°39	T 23
F 24	10 52 19	14°52'30	7♒ 5	17°52	14°20	29♍46	5°18	29°32	9°25	26°44	9° 2	8°21	9°32	25°32	27°43	F 24
S 25	10 56 16	15°52'22	19°45	19° 3	13°42	29°26	5°19	29°39	9°28	26°43	9° 3	8°17	9°29	25°38	27°46	S 25
S 26	11 0 12	16°52'13	2♓12	20°15	13° 5	29° 5	5°20	29°45	9°32	26°42	9° 4	8°13	9°25	25°45	27°49	S 26
M27	11 4 9	17°52'02	14°28	21°30	12°28	28°43	5°21	29°51	9°35	26°41	9° 6	8°11	9°22	25°52	27°52	M27
T 28	11 8 6	18♓51'49	26♓34	22♒46	11♓53	28♍21	5♋23	29♈58	9♓39	26♋40	9♈ 7	8♎ 9	9♎19	25♈58	27♈55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s16	0n48	0n47	15s11	3n18	2n25	5n49	1n25	3n32	23n34	0n12	8n24	2s21	9s14	0s44	20n28	0s18	12s 4	16s52	3s34	4s16	7n56	9n54	0s27
T 2	13 57	4 33	0s17	15 30	3 8	2 38	6 2	1 28	3 33	23 34	0 12	8 26	2 21	9 13	0 44	20 28	0 18	12 4	16 51	3 34	4 15	7 58	9 55	0 27
F 3	13 37	8 4	1 20	15 48	2 57	2 49	6 14	1 31	3 34	23 34	0 12	8 28	2 20	9 11	0 44	20 29	0 18	12 3	16 51	3 34	4 13	8 0	9 56	0 27
S 4	13 17	11 16	2 20	16 5	2 46	2 59	6 26	1 34	3 35	23 34	0 12	8 30	2 20	9 10	0 44	20 29	0 18	12 2	16 51	3 35	4 12	8 1	9 56	0 27
S 5	12 56	14 0	3 14	16 20	2 34	3 8	6 38	1 38	3 36	23 35	0 12	8 31	2 20	9 9	0 44	20 29	0 18	12 2	16 51	3 35	4 11	8 3	9 57	0 27
M 6	12 36	16 11	4 0	16 34	2 21	3 16	6 49	1 41	3 37	23 35	0 12	8 33	2 20	9 7	0 44	20 29	0 18	12 1	16 50	3 35	4 10	8 5	9 58	0 27
T 7	12 15	17 40	4 37	16 47	2 8	3 23	7 1	1 46	3 38	23 35	0 13	8 35	2 19	9 6	0 44	20 30	0 18	12 1	16 50	3 35	4 8	8 6	9 59	0 27
W 8	11 54	18 21	5 1	16 58	1 55	3 29	7 12	1 50	3 39	23 35	0 13	8 37	2 19	9 5	0 44	20 30	0 18	12 0	16 50	3 34	4 7	8 8	10 0	0 27
T 9	11 33	18 7	5 11	17 7	1 42	3 33	7 23	1 55	3 39	23 35	0 13	8 40	2 19	9 4	0 44	20 30	0 18	11 59	16 50	3 32	4 6	8 9	10 0	0 27
F 10	11 12	16 54	5 5	17 16	1 29	3 36	7 33	1 59	3 40	23 36	0 13	8 42	2 19	9 2	0 44	20 31	0 18	11 59	16 49	3 30	4 5	8 11	10 1	0 27
S 11	10 50	14 42	4 41	17 22	1 17	3 37	7 43	2 5	3 41	23 36	0 13	8 44	2 19	9 1	0 44	20 31	0 18	11 58	16 49	3 27	4 3	8 13	10 2	0 27
S 12	10 29	11 34	4 0	17 27	1 4	3 37	7 52	2 10	3 42	23 36	0 13	8 46	2 18	9 0	0 44	20 31	0 18	11 57	16 49	3 25	4 2	8 14	10 3	0 27
M13	10 7	7 41	3 3	17 31	0 52	3 36	8 1	2 16	3 42	23 36	0 13	8 48	2 18	8 58	0 44	20 31	0 18	11 57	16 49	3 23	4 1	8 16	10 4	0 27
T 14	9 45	3 16	1 53	17 32	0 40	3 33	8 9	2 22	3 43	23 36	0 13	8 50	2 18	8 57	0 44	20 32	0 18	11 56	16 49	3 22	4 0	8 18	10 5	0 27
W15	9 23	1s23	0 34	17 33	0 28	3 29	8 17	2 28	3 43	23 36	0 13	8 52	2 18	8 56	0 44	20 32	0 18	11 55	16 48	3 21	3 58	8 19	10 6	0 27
T 16	9 0	5 57	0n46	17 32	0 16	3 24	8 24	2 34	3 44	23 36	0 13	8 55	2 17	8 55	0 44	20 32	0 18	11 55	16 48	3 21	3 57	8 21	10 7	0 27
F 17	8 38	10 6	2 3	17 29	0 5	3 17	8 30	2 41	3 44	23 37	0 13	8 57	2 17	8 53	0 44	20 32	0 18	11 54	16 48	3 22	3 56	8 23	10 8	0 28
S 18	8 16	13 36	3 12	17 25	0s 5	3 9	8 35	2 47	3 45	23 37	0 14	8 59	2 17	8 52	0 44	20 33	0 18	11 53	16 48	3 22	3 55	8 24	10 9	0 28
S 19	7 53	16 12	4 7	17 19	0 16	2 59	8 39	2 54	3 45	23 37	0 14	9 1	2 17	8 51	0 44	20 33	0 18	11 53	16 48	3 23	3 53	8 26	10 10	0 28
M20	7 30	17 48	4 46	17 12	0 26	2 48	8 42	3 2	3 45	23 37	0 14	9 4	2 17	8 49	0 44	20 33	0 18	11 52	16 47	3 23	3 52	8 28	10 11	0 28
T 21	7 7	18 19	5 9	17 4	0 35	2 37	8 45	3 9	3 45	23 37	0 14	9 6	2 16	8 48	0 44	20 33	0 18	11 51	16 47	3 23	3 51	8 29	10 12	0 28
W22	6 44	17 49	5 14	16 54	0 45	2 24	8 46	3 16	3 45	23 37	0 14	9 8	2 16	8 47	0 44	20 34	0 18	11 51	16 47	3 22	3 50	8 31	10 13	0 28
T 23	6 21	16 21	5 3	16 42	0 53	2 10	8 47	3 24	3 45	23 37	0 14	9 10	2 16	8 45	0 44	20 34	0 18	11 50	16 47	3 20	3 48	8 32	10 14	0 28
F 24	5 58	14 5	4 36	16 29	1 2	1 55	8 46	3 32	3 45	23 37	0 14	9 13	2 16	8 44	0 44	20 34	0 18	11 49	16 47	3 19	3 47	8 34	10 15	0 28
S 25	5 35	11 11	3 56	16 15	1 10	1 39	8 45	3 40	3 45	23 37	0 14	9 15	2 16	8 43	0 44	20 34	0 18	11 49	16 47	3 17	3 46	8 36	10 16	0 28
S 26	5 12	7 49	3 6	15 59	1 17	1 23	8 42	3 48	3 44	23 37	0 14	9 18	2 16	8 42	0 44	20 34	0 18	11 48	16 47	3 16	3 45	8 37	10 17	0 28
M27	4 48	4 10	2 7	15 42	1 25	1 6	8 39	3 56	3 44	23 37	0 14	9 20	2 15	8 40	0 44	20 35	0 17	11 47	16 46	3 15	3 43	8 39	10 18	0 28
T 28	4s25	0s24	1n 4	15s24	1s31	0n49	8n34	4n 4	3n44	23n37	0n14	9n22	2s15	8s39	0s44	20n35	0s17	11s47	16s46	3s14	3s42	8n41	10n19	0s28

Julian Day Number = 2300740.5, Delta T = 107.95 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'41, Lahiri = 18°05'41 Julian Calendar 1 Feb. 1587 == Greg. Calendar 11 Feb. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

MARCH 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 12 2	19♓51'34	8♈32	24♒ 4	11°R18	27°R59	5♋24	0♉ 4	9♓42	26°R39	9♈ 9	8°D 9	9♎16	26♈ 5	27♈58	W 1
T 2	11 15 59	20°51'17	20°23	25°23	10♓45	27♍37	5°26	0°11	9°45	26♋38	9°10	8♎ 9	9°13	26°12	28° 2	T 2
F 3	11 19 55	21°50'57	2♉11	26°45	10°13	27°14	5°28	0°17	9°49	26°37	9°11	8°10	9° 9	26°18	28° 5	F 3
S 4	11 23 52	22°50'36	13°58	28° 7	9°43	26°51	5°31	0°24	9°52	26°37	9°13	8°12	9° 6	26°25	28° 8	S 4
S 5	11 27 48	23°50'12	25°49	29°32	9°15	26°28	5°33	0°31	9°55	26°36	9°14	8°13	9° 3	26°32	28°12	S 5
M 6	11 31 45	24°49'46	7♊48	0♓58	8°49	26° 5	5°36	0°37	9°59	26°35	9°15	8°14	9° 0	26°38	28°15	M 6
T 7	11 35 41	25°49'18	19°58	2°25	8°25	25°41	5°39	0°44	10° 2	26°34	9°17	8°15	8°57	26°45	28°19	T 7
W 8	11 39 38	26°48'47	2♋26	3°54	8° 3	25°18	5°42	0°51	10° 6	26°34	9°18	8°R15	8°54	26°51	28°22	W 8
T 9	11 43 35	27°48'14	15°14	5°24	7°43	24°55	5°45	0°58	10° 9	26°33	9°20	8°14	8°50	26°58	28°26	T 9
F 10	11 47 31	28°47'39	28°28	6°56	7°26	24°31	5°48	1° 5	10°12	26°33	9°21	8°14	8°47	27° 5	28°29	F 10
S 11	11 51 28	29°47'02	12♌ 7	8°29	7°11	24° 8	5°52	1°12	10°15	26°32	9°23	8°12	8°44	27°11	28°33	S 11
S 12	11 55 24	0♈46'22	26°14	10° 3	6°59	23°45	5°55	1°19	10°19	26°31	9°24	8°12	8°41	27°18	28°36	S 12
M13	11 59 21	1°45'40	10♍45	11°39	6°49	23°22	5°59	1°26	10°22	26°31	9°25	8°11	8°38	27°25	28°40	M13
T 14	12 3 17	2°44'55	25°36	13°16	6°42	22°59	6° 3	1°33	10°25	26°30	9°27	8°10	8°35	27°31	28°44	T 14
W15	12 7 14	3°44'09	10♎39	14°55	6°37	22°36	6° 8	1°40	10°28	26°30	9°28	8°D10	8°31	27°38	28°47	W15
T 16	12 11 10	4°43'20	25°46	16°35	6°34	22°14	6°12	1°47	10°32	26°29	9°30	8°10	8°28	27°45	28°51	T 16
F 17	12 15 7	5°42'30	10♏47	18°16	6°D34	21°52	6°17	1°54	10°35	26°29	9°31	8°11	8°25	27°51	28°55	F 17
S 18	12 19 3	6°41'38	25°35	19°59	6°36	21°31	6°21	2° 1	10°38	26°29	9°33	8°11	8°22	27°58	28°58	S 18
S 19	12 23 0	7°40'44	10♐ 4	21°43	6°41	21°10	6°26	2° 9	10°41	26°28	9°34	8°11	8°19	28° 5	29° 2	S 19
M20	12 26 57	8°39'48	24°10	23°29	6°48	20°49	6°31	2°16	10°44	26°28	9°35	8°R11	8°15	28°11	29° 6	M20
T 21	12 30 53	9°38'50	7♑52	25°16	6°57	20°29	6°37	2°23	10°48	26°28	9°37	8°D11	8°12	28°18	29°10	T 21
W22	12 34 50	10°37'51	21°11	27° 4	7° 8	20° 9	6°42	2°31	10°51	26°28	9°38	8°11	8° 9	28°25	29°13	W22
T 23	12 38 46	11°36'50	4♒ 9	28°54	7°22	19°50	6°47	2°38	10°54	26°27	9°40	8°11	8° 6	28°31	29°17	T 23
F 24	12 42 43	12°35'47	16°49	0♈46	7°37	19°31	6°53	2°45	10°57	26°27	9°41	8°12	8° 3	28°38	29°21	F 24
S 25	12 46 39	13°34'43	29°13	2°39	7°55	19°13	6°59	2°53	11° 0	26°27	9°43	8°12	8° 0	28°45	29°25	S 25
S 26	12 50 36	14°33'36	11♓25	4°33	8°14	18°56	7° 5	3° 0	11° 3	26°27	9°44	8°13	7°56	28°51	29°29	S 26
M27	12 54 32	15°32'28	23°27	6°29	8°36	18°39	7°11	3° 8	11° 6	26°27	9°46	8°13	7°53	28°58	29°32	M27
T 28	12 58 29	16°31'17	5♈23	8°26	8°59	18°23	7°18	3°15	11° 9	26°D27	9°47	8°R14	7°50	29° 5	29°36	T 28
W29	13 2 26	17°30'05	17°14	10°25	9°23	18° 8	7°24	3°23	11°12	26°27	9°48	8°13	7°47	29°11	29°40	W29
T 30	13 6 22	18°28'51	29° 2	12°25	9°50	17°53	7°31	3°30	11°15	26°27	9°50	8°13	7°44	29°18	29°44	T 30
F 31	13 10 19	19♈27'34	10♉50	14♈26	10♓18	17♍39	7♋37	3♉38	11♓18	26♋27	9♈51	8♎12	7♎40	29♈25	29♈48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s 1	3n21	0s 2	15s 4	1s38	0n31	8n29	4n13	3n43	23n37	0n14	9n25	2s15	8s38	0s44	20n35	0s17	11s46	16s46	3s14	3s41	8n42	10n20	0s28
T 2	3 38	6 57	1 7	14 43	1 44	0 13	8 23	4 21	3 42	23 37	0 14	9 27	2 15	8 36	0 44	20 35	0 17	11 46	16 46	3 14	3 39	8 44	10 21	0 28
F 3	3 14	10 14	2 9	14 20	1 49	0s 5	8 16	4 29	3 41	23 37	0 15	9 30	2 15	8 35	0 44	20 35	0 17	11 45	16 46	3 15	3 38	8 45	10 22	0 28
S 4	2 51	13 7	3 6	13 56	1 54	0 23	8 9	4 38	3 41	23 37	0 15	9 32	2 15	8 34	0 44	20 36	0 17	11 44	16 46	3 15	3 37	8 47	10 24	0 28
S 5	2 27	15 27	3 55	13 31	1 59	0 42	8 0	4 46	3 40	23 37	0 15	9 35	2 14	8 33	0 44	20 36	0 17	11 44	16 46	3 16	3 36	8 49	10 25	0 29
M 6	2 4	17 9	4 34	13 4	2 3	1 0	7 51	4 54	3 39	23 37	0 15	9 37	2 14	8 31	0 44	20 36	0 17	11 43	16 46	3 16	3 34	8 50	10 26	0 29
T 7	1 40	18 6	5 2	12 37	2 7	1 17	7 42	5 2	3 37	23 37	0 15	9 40	2 14	8 30	0 44	20 36	0 17	11 42	16 46	3 17	3 33	8 52	10 27	0 29
W 8	1 16	18 12	5 16	12 7	2 10	1 35	7 32	5 11	3 36	23 37	0 15	9 42	2 14	8 29	0 44	20 36	0 17	11 42	16 45	3 17	3 32	8 53	10 28	0 29
T 9	0 53	17 24	5 15	11 37	2 13	1 52	7 21	5 19	3 35	23 37	0 15	9 45	2 14	8 28	0 44	20 36	0 17	11 41	16 45	3 16	3 31	8 55	10 29	0 29
F 10	0 29	15 39	4 58	11 5	2 16	2 8	7 10	5 27	3 34	23 37	0 15	9 47	2 14	8 26	0 44	20 36	0 17	11 41	16 45	3 16	3 29	8 57	10 31	0 29
S 11	0 5	12 58	4 24	10 32	2 18	2 24	6 59	5 35	3 32	23 37	0 15	9 50	2 13	8 25	0 44	20 37	0 17	11 40	16 45	3 16	3 28	8 58	10 32	0 29
S 12	0n18	9 28	3 33	9 58	2 19	2 39	6 47	5 42	3 30	23 37	0 15	9 52	2 13	8 24	0 44	20 37	0 17	11 39	16 45	3 15	3 27	9 0	10 33	0 29
M13	0 42	5 17	2 27	9 22	2 20	2 54	6 36	5 50	3 29	23 37	0 15	9 55	2 13	8 23	0 44	20 37	0 17	11 39	16 45	3 15	3 26	9 1	10 34	0 29
T 14	1 6	0 41	1 9	8 45	2 21	3 8	6 24	5 58	3 27	23 36	0 15	9 57	2 13	8 21	0 44	20 37	0 17	11 38	16 45	3 15	3 24	9 3	10 35	0 29
W15	1 29	4s 1	0n14	8 7	2 21	3 21	6 11	6 5	3 25	23 36	0 15	10 0	2 13	8 20	0 44	20 37	0 17	11 38	16 45	3 15	3 23	9 5	10 37	0 29
T 16	1 53	8 29	1 36	7 28	2 21	3 33	5 59	6 12	3 23	23 36	0 15	10 3	2 13	8 19	0 44	20 37	0 17	11 37	16 45	3 15	3 22	9 6	10 38	0 29
F 17	2 16	12 22	2 52	6 48	2 20	3 45	5 47	6 19	3 21	23 36	0 16	10 5	2 13	8 18	0 44	20 37	0 17	11 36	16 45	3 15	3 21	9 8	10 39	0 29
S 18	2 40	15 24	3 54	6 6	2 18	3 56	5 34	6 25	3 19	23 36	0 16	10 8	2 13	8 17	0 44	20 37	0 17	11 36	16 45	3 15	3 19	9 9	10 40	0 29
S 19	3 3	17 23	4 41	5 23	2 17	4 6	5 22	6 32	3 17	23 36	0 16	10 10	2 12	8 15	0 44	20 37	0 17	11 35	16 45	3 15	3 18	9 11	10 42	0 29
M20	3 27	18 13	5 9	4 39	2 14	4 15	5 9	6 38	3 15	23 35	0 16	10 13	2 12	8 14	0 44	20 38	0 17	11 35	16 45	3 15	3 17	9 13	10 43	0 30
T 21	3 50	17 58	5 18	3 54	2 12	4 23	4 57	6 44	3 13	23 35	0 16	10 15	2 12	8 13	0 44	20 38	0 17	11 34	16 45	3 15	3 16	9 14	10 44	0 30
W22	4 13	16 43	5 10	3 8	2 8	4 30	4 44	6 50	3 11	23 35	0 16	10 18	2 12	8 12	0 44	20 38	0 17	11 34	16 45	3 15	3 14	9 16	10 45	0 30
T 23	4 36	14 37	4 46	2 20	2 4	4 37	4 32	6 55	3 8	23 35	0 16	10 21	2 12	8 11	0 44	20 38	0 17	11 33	16 45	3 15	3 13	9 17	10 47	0 30
F 24	4 59	11 52	4 9	1 32	2 0	4 42	4 20	7 0	3 6	23 35	0 16	10 23	2 12	8 10	0 44	20 38	0 17	11 32	16 45	3 15	3 12	9 19	10 48	0 30
S 25	5 22	8 38	3 20	0 43	1 55	4 47	4 8	7 5	3 4	23 34	0 16	10 26	2 12	8 8	0 44	20 38	0 17	11 32	16 45	3 16	3 11	9 21	10 49	0 30
S 26	5 45	5 5	2 24	0n 8	1 50	4 51	3 56	7 10	3 1	23 34	0 16	10 29	2 12	8 7	0 44	20 38	0 17	11 31	16 45	3 16	3 9	9 22	10 51	0 30
M27	6 8	1 22	1 21	0 59	1 44	4 54	3 44	7 14	2 59	23 34	0 16	10 31	2 12	8 6	0 44	20 38	0 17	11 31	16 45	3 16	3 8	9 24	10 52	0 30
T 28	6 31	2n23	0 16	1 51	1 38	4 56	3 33	7 18	2 56	23 34	0 16	10 34	2 12	8 5	0 44	20 38	0 17	11 30	16 45	3 16	3 7	9 25	10 53	0 30
W29	6 53	6 1	0s50	2 44	1 31	4 58	3 21	7 22	2 53	23 33	0 16	10 36	2 11	8 4	0 44	20 38	0 17	11 30	16 45	3 16	3 6	9 27	10 55	0 30
T 30	7 16	9 23	1 53	3 38	1 23	4 58	3 10	7 25	2 51	23 33	0 16	10 39	2 11	8 3	0 44	20 38	0 17	11 29	16 45	3 16	3 4	9 28	10 56	0 30
F 31	7n38	12n24	2s51	4n32	1s16	4s58	2n59	7n28	2n48	23n33	0n16	10n42	2s11	8s 2	0s44	20n38	0s17	11s29	16s45	3s15	3s 3	9n30	10n57	0s30

Julian Day Number = 2300768.5, Delta T = 107.82 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'45, Lahiri = 18°05'45 Julian Calendar 1 March 1587 == Greg. Calendar 11 March 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

APRIL 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 14 15	20♈26'16	22♉39	16♈29	10♓47	17°R26	7♋44	3♉45	11♓20	26♋27	9♈53	8°R10	7♎37	29♈31	29♈52	S 1
S 2	13 18 12	21°24'56	4♊34	18°33	11°18	17♍14	7°51	3°53	11°23	26°27	9°54	8♎ 8	7°34	29°38	29°56	S 2
M 3	13 22 8	22°23'33	16°36	20°38	11°50	17° 2	7°59	4° 1	11°26	26°27	9°56	8° 6	7°31	29°44	29°59	M 3
T 4	13 26 5	23°22'09	28°48	22°44	12°24	16°51	8° 6	4° 8	11°29	26°28	9°57	8° 4	7°28	29°51	0♉ 4	T 4
W 5	13 30 1	24°20'42	11♋15	24°51	12°59	16°41	8°13	4°16	11°32	26°28	9°58	8° 3	7°25	29°58	0° 8	W 5
T 6	13 33 58	25°19'13	24° 0	26°58	13°35	16°32	8°21	4°24	11°34	26°28	10° 0	8°D 3	7°21	0♉ 4	0°12	T 6
F 7	13 37 55	26°17'41	7♌ 6	29° 6	14°13	16°23	8°29	4°31	11°37	26°28	10° 1	8° 3	7°18	0°11	0°15	F 7
S 8	13 41 51	27°16'08	20°37	1♉15	14°52	16°16	8°37	4°39	11°40	26°29	10° 3	8° 4	7°15	0°18	0°19	S 8
S 9	13 45 48	28°14'32	4♍34	3°23	15°31	16° 9	8°45	4°47	11°42	26°29	10° 4	8° 5	7°12	0°24	0°23	S 9
M10	13 49 44	29°12'55	18°57	5°30	16°12	16° 3	8°53	4°54	11°45	26°30	10° 5	8° 6	7° 9	0°31	0°27	M10
T 11	13 53 41	0♉11'15	3♎43	7°38	16°54	15°57	9° 1	5° 2	11°47	26°30	10° 7	8°R 7	7° 6	0°38	0°31	T 11
W12	13 57 37	1° 9'33	18°47	9°44	17°37	15°53	9° 9	5°10	11°50	26°30	10° 8	8° 7	7° 2	0°44	0°35	W12
T 13	14 1 34	2° 7'49	4♏ 0	11°49	18°21	15°49	9°18	5°17	11°52	26°31	10° 9	8° 5	6°59	0°51	0°39	T 13
F 14	14 5 30	3° 6'04	19°14	13°52	19° 6	15°46	9°26	5°25	11°55	26°32	10°11	8° 3	6°56	0°58	0°43	F 14
S 15	14 9 27	4° 4'17	4♐17	15°54	19°51	15°44	9°35	5°33	11°57	26°32	10°12	8° 0	6°53	1° 4	0°47	S 15
S 16	14 13 23	5° 2'28	19° 2	17°53	20°38	15°43	9°44	5°40	12° 0	26°33	10°13	7°56	6°50	1°11	0°51	S 16
M17	14 17 20	6° 0'38	3♑22	19°50	21°25	15°D42	9°53	5°48	12° 2	26°33	10°15	7°53	6°46	1°18	0°55	M17
T 18	14 21 17	6°58'46	17°14	21°45	22°13	15°42	10° 2	5°56	12° 4	26°34	10°16	7°50	6°43	1°24	0°59	T 18
W19	14 25 13	7°56'53	0♒38	23°36	23° 2	15°43	10°11	6° 4	12° 7	26°35	10°17	7°49	6°40	1°31	1° 3	W19
T 20	14 29 10	8°54'59	13°36	25°25	23°52	15°45	10°20	6°11	12° 9	26°35	10°19	7°D48	6°37	1°38	1° 7	T 20
F 21	14 33 6	9°53'03	26°12	27°10	24°42	15°47	10°30	6°19	12°11	26°36	10°20	7°49	6°34	1°44	1°11	F 21
S 22	14 37 3	10°51'05	8♓29	28°53	25°33	15°50	10°39	6°27	12°13	26°37	10°21	7°51	6°31	1°51	1°15	S 22
S 23	14 40 59	11°49'06	20°33	0♊31	26°25	15°54	10°49	6°34	12°15	26°38	10°22	7°53	6°27	1°58	1°19	S 23
M24	14 44 56	12°47'06	2♈28	2° 6	27°17	15°58	10°59	6°42	12°17	26°39	10°24	7°R54	6°24	2° 4	1°23	M24
T 25	14 48 52	13°45'05	14°17	3°38	28°10	16° 3	11° 8	6°50	12°19	26°39	10°25	7°54	6°21	2°11	1°26	T 25
W26	14 52 49	14°43'02	26° 4	5° 5	29° 3	16° 9	11°18	6°57	12°22	26°40	10°26	7°52	6°18	2°18	1°30	W26
T 27	14 56 46	15°40'57	7♉52	6°29	29°57	16°16	11°28	7° 5	12°23	26°41	10°27	7°49	6°15	2°24	1°34	T 27
F 28	15 0 42	16°38'51	19°42	7°49	0♈52	16°23	11°38	7°13	12°25	26°42	10°29	7°43	6°12	2°31	1°38	F 28
S 29	15 4 39	17°36'44	1♊38	9° 5	1°47	16°31	11°49	7°20	12°27	26°43	10°30	7°37	6° 8	2°38	1°42	S 29
S 30	15 8 35	18♉34'35	13♊40	10♊18	2♈42	16♍39	11♋59	7♉28	12♓29	26♋44	10♈31	7♎29	6♎ 5	2♉44	1♉46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 0	14n53	3s42	5n27	1s 7	4s57	2n48	7n31	2n46	23n32	0n16	10n44	2s11	8s 1	0s45	20n38	0s17	11s28	16s45	3s15	3s 2	9n32	10n58	0s30
S 2	8 22	16 46	4 24	6 23	0 59	4 55	2 37	7 33	2 43	23 32	0 17	10 47	2 11	8 0	0 45	20 38	0 17	11 28	16 45	3 14	3 1	9 33	11 0	0 30
M 3	8 44	17 56	4 55	7 19	0 49	4 53	2 27	7 35	2 40	23 32	0 17	10 50	2 11	7 59	0 45	20 38	0 17	11 27	16 45	3 13	2 59	9 35	11 1	0 31
T 4	9 6	18 17	5 12	8 15	0 40	4 49	2 16	7 37	2 38	23 31	0 17	10 52	2 11	7 58	0 45	20 38	0 17	11 27	16 45	3 12	2 58	9 36	11 2	0 31
W 5	9 27	17 46	5 16	9 11	0 30	4 45	2 6	7 39	2 35	23 31	0 17	10 55	2 11	7 57	0 45	20 38	0 17	11 26	16 46	3 12	2 57	9 38	11 4	0 31
T 6	9 49	16 21	5 4	10 6	0 20	4 41	1 56	7 40	2 32	23 30	0 17	10 57	2 11	7 56	0 45	20 38	0 17	11 26	16 46	3 12	2 56	9 39	11 5	0 31
F 7	10 10	14 4	4 37	11 2	0 9	4 35	1 47	7 41	2 30	23 30	0 17	11 0	2 11	7 55	0 45	20 38	0 17	11 26	16 46	3 12	2 54	9 41	11 6	0 31
S 8	10 31	10 58	3 53	11 57	0n 1	4 29	1 37	7 41	2 27	23 29	0 17	11 3	2 11	7 54	0 45	20 38	0 17	11 25	16 46	3 12	2 53	9 43	11 8	0 31
S 9	10 52	7 8	2 55	12 51	0 12	4 22	1 28	7 41	2 24	23 29	0 17	11 5	2 11	7 53	0 45	20 38	0 17	11 25	16 46	3 13	2 52	9 44	11 9	0 31
M10	11 13	2 47	1 44	13 45	0 23	4 15	1 19	7 41	2 21	23 29	0 17	11 8	2 11	7 52	0 45	20 38	0 17	11 24	16 46	3 13	2 51	9 46	11 10	0 31
T 11	11 34	1s51	0 24	14 37	0 34	4 7	1 10	7 41	2 19	23 28	0 17	11 11	2 11	7 51	0 45	20 38	0 17	11 24	16 46	3 14	2 49	9 47	11 12	0 31
W12	11 54	6 28	0n59	15 28	0 44	3 58	1 1	7 40	2 16	23 28	0 17	11 13	2 11	7 50	0 45	20 38	0 17	11 23	16 46	3 14	2 48	9 49	11 13	0 31
T 13	12 14	10 43	2 18	16 17	0 55	3 49	0 52	7 39	2 13	23 27	0 17	11 16	2 11	7 49	0 45	20 37	0 17	11 23	16 46	3 13	2 47	9 50	11 14	0 31
F 14	12 34	14 14	3 27	17 4	1 5	3 39	0 44	7 38	2 11	23 26	0 17	11 18	2 10	7 48	0 45	20 37	0 17	11 23	16 47	3 12	2 45	9 52	11 15	0 31
S 15	12 54	16 45	4 22	17 50	1 15	3 28	0 36	7 36	2 8	23 26	0 17	11 21	2 10	7 47	0 45	20 37	0 17	11 22	16 47	3 11	2 44	9 53	11 17	0 32
S 16	13 14	18 6	4 57	18 33	1 25	3 17	0 28	7 34	2 6	23 25	0 17	11 23	2 10	7 46	0 45	20 37	0 17	11 22	16 47	3 9	2 43	9 55	11 18	0 32
M17	13 33	18 14	5 13	19 14	1 34	3 6	0 20	7 32	2 3	23 25	0 17	11 26	2 10	7 45	0 45	20 37	0 16	11 21	16 47	3 8	2 42	9 57	11 19	0 32
T 18	13 52	17 15	5 10	19 53	1 42	2 54	0 13	7 30	2 0	23 24	0 18	11 29	2 10	7 44	0 45	20 37	0 16	11 21	16 47	3 7	2 40	9 58	11 21	0 32
W19	14 11	15 21	4 50	20 30	1 50	2 41	0 6	7 27	1 58	23 23	0 18	11 31	2 10	7 44	0 45	20 37	0 16	11 21	16 47	3 6	2 39	10 0	11 22	0 32
T 20	14 30	12 42	4 15	21 4	1 58	2 28	0s 2	7 24	1 55	23 23	0 18	11 34	2 10	7 43	0 45	20 37	0 16	11 20	16 47	3 6	2 38	10 1	11 23	0 32
F 21	14 49	9 32	3 29	21 35	2 4	2 14	0 9	7 21	1 53	23 22	0 18	11 36	2 10	7 42	0 45	20 37	0 16	11 20	16 48	3 7	2 37	10 3	11 25	0 32
S 22	15 7	6 1	2 34	22 4	2 10	2 0	0 15	7 17	1 50	23 21	0 18	11 39	2 10	7 41	0 45	20 37	0 16	11 20	16 48	3 7	2 35	10 4	11 26	0 32
S 23	15 25	2 19	1 34	22 30	2 15	1 46	0 22	7 14	1 48	23 21	0 18	11 41	2 10	7 40	0 45	20 36	0 16	11 19	16 48	3 8	2 34	10 6	11 27	0 32
M24	15 43	1n26	0 30	22 54	2 20	1 31	0 28	7 10	1 45	23 20	0 18	11 44	2 10	7 40	0 45	20 36	0 16	11 19	16 48	3 8	2 33	10 7	11 28	0 32
T 25	16 0	5 6	0s35	23 16	2 23	1 15	0 34	7 5	1 43	23 19	0 18	11 46	2 10	7 39	0 45	20 36	0 16	11 19	16 48	3 8	2 32	10 9	11 30	0 32
W26	16 17	8 34	1 38	23 35	2 26	1 0	0 40	7 1	1 40	23 18	0 18	11 49	2 10	7 38	0 45	20 36	0 16	11 19	16 49	3 8	2 30	10 10	11 31	0 32
T 27	16 34	11 42	2 36	23 52	2 28	0 43	0 46	6 56	1 38	23 18	0 18	11 51	2 10	7 37	0 45	20 36	0 16	11 18	16 49	3 6	2 29	10 12	11 32	0 33
F 28	16 51	14 22	3 28	24 6	2 29	0 27	0 52	6 51	1 36	23 17	0 18	11 54	2 10	7 37	0 45	20 36	0 16	11 18	16 49	3 4	2 28	10 13	11 33	0 33
S 29	17 7	16 26	4 11	24 18	2 29	0 10	0 57	6 46	1 33	23 16	0 18	11 56	2 10	7 36	0 45	20 35	0 16	11 18	16 49	3 2	2 27	10 15	11 35	0 33
S 30	17n23	17n48	4s43	24n29	2n28	0n 7	1s 3	6n40	1n31	23n15	0n18	11n59	2s10	7s35	0s45	20n35	0s16	11s17	16s49	2s59	2s25	10n16	11n36	0s33

Julian Day Number = 2300799.5, Delta T = 107.69 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'49, Lahiri = 18°05'50 Julian Calendar 1 Apr. 1587 == Greg. Calendar 11 Apr. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

MAY 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 12 32	19♉32'24	25♊50	11♊26	3♈38	16♍49	12♋ 9	7♉36	12♓31	26♋45	10♈32	7°R22	6♎ 2	2♉51	1♉50	M 1
T 2	15 16 28	20°30'12	8♋11	12°30	4°35	16°58	12°20	7°43	12°33	26°47	10°33	7♎15	5°59	2°58	1°53	T 2
W 3	15 20 25	21°27'58	20°43	13°30	5°32	17° 9	12°30	7°51	12°34	26°48	10°35	7° 9	5°56	3° 4	1°57	W 3
T 4	15 24 21	22°25'43	3♌31	14°26	6°29	17°20	12°41	7°58	12°36	26°49	10°36	7° 6	5°52	3°11	2° 1	T 4
F 5	15 28 18	23°23'26	16°35	15°17	7°27	17°31	12°52	8° 6	12°38	26°50	10°37	7° 4	5°49	3°18	2° 5	F 5
S 6	15 32 15	24°21'07	29°59	16° 4	8°25	17°43	13° 2	8°14	12°39	26°51	10°38	7°D 4	5°46	3°24	2° 9	S 6
S 7	15 36 11	25°18'47	13♍45	16°47	9°23	17°56	13°13	8°21	12°41	26°52	10°39	7° 5	5°43	3°31	2°12	S 7
M 8	15 40 8	26°16'25	27°55	17°25	10°22	18° 9	13°24	8°29	12°42	26°54	10°40	7° 6	5°40	3°38	2°16	M 8
T 9	15 44 4	27°14'02	12♎26	17°59	11°21	18°23	13°35	8°36	12°44	26°55	10°41	7°R 6	5°37	3°44	2°20	T 9
W10	15 48 1	28°11'37	27°17	18°28	12°21	18°37	13°46	8°43	12°45	26°56	10°42	7° 4	5°33	3°51	2°23	W10
T 11	15 51 57	29° 9'10	12♏21	18°52	13°21	18°52	13°58	8°51	12°47	26°58	10°43	7° 1	5°30	3°58	2°27	T 11
F 12	15 55 54	0♊ 6'43	27°30	19°12	14°21	19° 8	14° 9	8°58	12°48	26°59	10°44	6°55	5°27	4° 4	2°31	F 12
S 13	15 59 50	1° 4'14	12♐34	19°27	15°22	19°24	14°20	9° 6	12°49	27° 0	10°45	6°47	5°24	4°11	2°34	S 13
S 14	16 3 47	2° 1'45	27°23	19°37	16°23	19°40	14°32	9°13	12°50	27° 2	10°46	6°39	5°21	4°18	2°38	S 14
M15	16 7 44	2°59'14	11♑50	19°43	17°24	19°57	14°43	9°20	12°52	27° 3	10°47	6°31	5°18	4°24	2°41	M15
T 16	16 11 40	3°56'43	25°49	19°R44	18°25	20°14	14°55	9°28	12°53	27° 5	10°48	6°24	5°14	4°31	2°45	T 16
W17	16 15 37	4°54'11	9♒19	19°41	19°27	20°32	15° 6	9°35	12°54	27° 6	10°49	6°19	5°11	4°37	2°48	W17
T 18	16 19 33	5°51'38	22°22	19°33	20°29	20°50	15°18	9°42	12°55	27° 8	10°50	6°16	5° 8	4°44	2°52	T 18
F 19	16 23 30	6°49'04	4♓59	19°21	21°31	21° 9	15°30	9°49	12°56	27° 9	10°51	6°D15	5° 5	4°51	2°55	F 19
S 20	16 27 26	7°46'29	17°16	19° 5	22°34	21°28	15°41	9°56	12°57	27°11	10°52	6°16	5° 2	4°57	2°59	S 20
S 21	16 31 23	8°43'54	29°19	18°45	23°37	21°47	15°53	10° 4	12°58	27°12	10°53	6°16	4°58	5° 4	3° 2	S 21
M22	16 35 19	9°41'18	11♈11	18°22	24°40	22° 7	16° 5	10°11	12°59	27°14	10°53	6°R16	4°55	5°11	3° 6	M22
T 23	16 39 16	10°38'42	22°59	17°56	25°43	22°28	16°17	10°18	13° 0	27°16	10°54	6°15	4°52	5°17	3° 9	T 23
W24	16 43 13	11°36'05	4♉46	17°27	26°47	22°48	16°29	10°25	13° 0	27°17	10°55	6°11	4°49	5°24	3°12	W24
T 25	16 47 9	12°33'27	16°36	16°56	27°50	23° 9	16°41	10°32	13° 1	27°19	10°56	6° 5	4°46	5°31	3°15	T 25
F 26	16 51 6	13°30'49	28°32	16°24	28°54	23°31	16°54	10°39	13° 2	27°21	10°57	5°56	4°43	5°37	3°19	F 26
S 27	16 55 2	14°28'10	10♊36	15°51	29°58	23°53	17° 6	10°45	13° 2	27°22	10°57	5°45	4°39	5°44	3°22	S 27
S 28	16 58 59	15°25'30	22°50	15°17	1♉ 3	24°15	17°18	10°52	13° 3	27°24	10°58	5°33	4°36	5°51	3°25	S 28
M29	17 2 55	16°22'50	5♋14	14°44	2° 7	24°38	17°30	10°59	13° 3	27°26	10°59	5°21	4°33	5°57	3°28	M29
T 30	17 6 52	17°20'09	17°48	14°11	3°12	25° 1	17°43	11° 6	13° 4	27°28	11° 0	5°10	4°30	6° 4	3°31	T 30
W31	17 10 48	18♊17'27	0♌34	13♊39	4♉17	25♍24	17♋55	11♉13	13♓ 4	27♋29	11♈ 0	5♎ 0	4♎27	6♉11	3♉35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n39	18n23	5s 3	24n37	2n26	0n25	1s 8	6n35	1n29	23n14	0n18	12n 1	2s10	7s35	0s45	20n35	0s16	11s17	16s50	2s56	2s24	10n18	11n37	0s33
T 2	17 55	18 6	5 9	24 42	2 23	0 43	1 13	6 29	1 26	23 13	0 18	12 4	2 10	7 34	0 45	20 35	0 16	11 17	16 50	2 53	2 23	10 20	11 38	0 33
W 3	18 10	16 56	5 1	24 46	2 19	1 1	1 18	6 23	1 24	23 12	0 18	12 6	2 10	7 33	0 45	20 35	0 16	11 17	16 50	2 51	2 22	10 21	11 40	0 33
T 4	18 25	14 55	4 37	24 49	2 15	1 19	1 22	6 16	1 22	23 11	0 18	12 8	2 10	7 33	0 45	20 34	0 16	11 16	16 50	2 49	2 20	10 23	11 41	0 33
F 5	18 40	12 6	3 59	24 49	2 9	1 38	1 27	6 10	1 20	23 10	0 19	12 11	2 10	7 32	0 46	20 34	0 16	11 16	16 51	2 49	2 19	10 24	11 42	0 33
S 6	18 54	8 35	3 7	24 48	2 3	1 57	1 31	6 3	1 17	23 9	0 19	12 13	2 10	7 32	0 46	20 34	0 16	11 16	16 51	2 49	2 18	10 26	11 43	0 33
S 7	19 8	4 31	2 3	24 44	1 55	2 16	1 35	5 56	1 15	23 8	0 19	12 16	2 10	7 31	0 46	20 34	0 16	11 16	16 51	2 49	2 16	10 27	11 44	0 33
M 8	19 22	0 5	0 49	24 40	1 47	2 36	1 39	5 49	1 13	23 7	0 19	12 18	2 11	7 30	0 46	20 34	0 16	11 16	16 51	2 49	2 15	10 29	11 46	0 34
T 9	19 35	4s29	0n29	24 34	1 37	2 56	1 43	5 42	1 11	23 6	0 19	12 20	2 11	7 30	0 46	20 33	0 16	11 16	16 51	2 49	2 14	10 30	11 47	0 34
W10	19 48	8 52	1 47	24 26	1 27	3 16	1 46	5 34	1 9	23 5	0 19	12 23	2 11	7 29	0 46	20 33	0 16	11 15	16 52	2 49	2 13	10 32	11 48	0 34
T 11	20 1	12 45	2 58	24 17	1 16	3 36	1 50	5 26	1 7	23 4	0 19	12 25	2 11	7 29	0 46	20 33	0 16	11 15	16 52	2 47	2 11	10 33	11 49	0 34
F 12	20 13	15 47	3 57	24 6	1 4	3 56	1 53	5 18	1 5	23 3	0 19	12 27	2 11	7 28	0 46	20 33	0 16	11 15	16 52	2 45	2 10	10 35	11 50	0 34
S 13	20 25	17 44	4 39	23 55	0 51	4 17	1 56	5 10	1 3	23 2	0 19	12 30	2 11	7 28	0 46	20 32	0 16	11 15	16 53	2 42	2 9	10 36	11 51	0 34
S 14	20 37	18 26	5 2	23 42	0 37	4 37	1 59	5 2	1 1	23 1	0 19	12 32	2 11	7 28	0 46	20 32	0 16	11 15	16 53	2 39	2 8	10 38	11 53	0 34
M15	20 48	17 54	5 5	23 28	0 22	4 58	2 2	4 54	0 59	23 0	0 19	12 34	2 11	7 27	0 46	20 32	0 16	11 15	16 53	2 36	2 6	10 39	11 54	0 34
T 16	20 59	16 18	4 49	23 13	0 7	5 19	2 5	4 45	0 57	22 58	0 19	12 36	2 11	7 27	0 46	20 32	0 16	11 15	16 53	2 33	2 5	10 41	11 55	0 34
W17	21 10	13 49	4 17	22 57	0s 9	5 40	2 7	4 36	0 55	22 57	0 19	12 39	2 11	7 26	0 46	20 31	0 16	11 14	16 54	2 31	2 4	10 42	11 56	0 34
T 18	21 20	10 44	3 33	22 40	0 25	6 1	2 10	4 27	0 53	22 56	0 19	12 41	2 11	7 26	0 46	20 31	0 16	11 14	16 54	2 30	2 3	10 44	11 57	0 34
F 19	21 30	7 14	2 40	22 22	0 42	6 22	2 12	4 18	0 51	22 55	0 19	12 43	2 11	7 26	0 46	20 31	0 16	11 14	16 54	2 29	2 1	10 45	11 58	0 35
S 20	21 39	3 30	1 40	22 4	0 59	6 43	2 14	4 9	0 50	22 53	0 19	12 45	2 11	7 25	0 46	20 31	0 16	11 14	16 55	2 29	2 0	10 47	11 59	0 35
S 21	21 48	0n18	0 37	21 45	1 16	7 5	2 16	4 0	0 48	22 52	0 20	12 47	2 11	7 25	0 46	20 30	0 16	11 14	16 55	2 30	1 59	10 48	12 0	0 35
M22	21 57	4 2	0s26	21 26	1 33	7 26	2 18	3 50	0 46	22 51	0 20	12 49	2 11	7 25	0 46	20 30	0 16	11 14	16 55	2 30	1 58	10 50	12 1	0 35
T 23	22 5	7 35	1 28	21 6	1 51	7 48	2 20	3 40	0 44	22 49	0 20	12 52	2 11	7 24	0 46	20 30	0 16	11 14	16 55	2 29	1 56	10 51	12 2	0 35
W24	22 13	10 51	2 26	20 47	2 7	8 9	2 21	3 31	0 42	22 48	0 20	12 54	2 11	7 24	0 46	20 29	0 16	11 14	16 56	2 28	1 55	10 53	12 3	0 35
T 25	22 21	13 41	3 18	20 28	2 24	8 31	2 23	3 21	0 41	22 46	0 20	12 56	2 12	7 24	0 46	20 29	0 16	11 14	16 56	2 25	1 54	10 54	12 4	0 35
F 26	22 28	15 57	4 1	20 8	2 40	8 52	2 24	3 11	0 39	22 45	0 20	12 58	2 12	7 24	0 46	20 29	0 16	11 14	16 56	2 22	1 53	10 56	12 6	0 35
S 27	22 35	17 34	4 34	19 50	2 55	9 13	2 25	3 0	0 37	22 43	0 20	13 0	2 12	7 23	0 46	20 28	0 16	11 14	16 57	2 17	1 51	10 57	12 7	0 35
S 28	22 41	18 24	4 55	19 32	3 10	9 35	2 26	2 50	0 36	22 42	0 20	13 2	2 12	7 23	0 46	20 28	0 16	11 14	16 57	2 13	1 50	10 59	12 7	0 36
M29	22 47	18 22	5 2	19 15	3 23	9 56	2 27	2 39	0 34	22 40	0 20	13 4	2 12	7 23	0 46	20 28	0 16	11 14	16 57	2 8	1 49	11 0	12 8	0 36
T 30	22 53	17 26	4 55	18 59	3 35	10 17	2 28	2 29	0 32	22 39	0 20	13 6	2 12	7 23	0 46	20 27	0 16	11 14	16 58	2 3	1 47	11 1	12 9	0 36
W31	22n58	15n38	4s33	18n44	3s46	10n39	2s28	2n18	0n31	22n37	0n20	13n 8	2s12	7s23	0s47	20n27	0s16	11s14	16s58	1s59	1s46	11n 3	12n10	0s36

Julian Day Number = 2300829.5, Delta T = 107.55 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'53, Lahiri = 18°05'54 Julian Calendar 1 May 1587 == Greg. Calendar 11 May 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

JUNE 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 14 45	19♊14'44	13♌32	13°R 9	5♉22	25♍48	18♋ 8	11♉19	13♓ 5	27♋31	11♈ 1	4°R53	4♎24	6♉17	3♉38	T 1
F 2	17 18 42	20°12'01	26°43	12♊42	6°27	26°12	18°20	11°26	13° 5	27°33	11° 2	4♎49	4°20	6°24	3°41	F 2
S 3	17 22 38	21° 9'16	10♍ 9	12°17	7°33	26°37	18°33	11°32	13° 5	27°35	11° 2	4°47	4°17	6°31	3°44	S 3
S 4	17 26 35	22° 6'31	23°51	11°56	8°38	27° 2	18°45	11°39	13° 6	27°37	11° 3	4°D47	4°14	6°37	3°46	S 4
M 5	17 30 31	23° 3'45	7♎51	11°38	9°44	27°27	18°58	11°45	13° 6	27°39	11° 3	4°R47	4°11	6°44	3°49	M 5
T 6	17 34 28	24° 0'59	22° 7	11°24	10°50	27°52	19°10	11°52	13° 6	27°41	11° 4	4°46	4° 8	6°51	3°52	T 6
W 7	17 38 24	24°58'11	6♏40	11°14	11°56	28°18	19°23	11°58	13° 6	27°43	11° 4	4°43	4° 4	6°57	3°55	W 7
T 8	17 42 21	25°55'24	21°24	11° 8	13° 2	28°44	19°36	12° 5	13°R 6	27°45	11° 5	4°38	4° 1	7° 4	3°58	T 8
F 9	17 46 17	26°52'35	6♐15	11°D 7	14° 8	29°10	19°49	12°11	13° 6	27°46	11° 6	4°30	3°58	7°11	4° 1	F 9
S 10	17 50 14	27°49'47	21° 3	11°11	15°15	29°37	20° 1	12°17	13° 6	27°48	11° 6	4°20	3°55	7°17	4° 3	S 10
S 11	17 54 11	28°46'58	5♑42	11°20	16°21	0♎ 4	20°14	12°23	13° 6	27°50	11° 6	4° 9	3°52	7°24	4° 6	S 11
M12	17 58 7	29°44'08	20° 2	11°33	17°28	0°31	20°27	12°29	13° 6	27°52	11° 7	3°58	3°49	7°31	4° 9	M12
T 13	18 2 4	0♋41'19	3♒59	11°51	18°35	0°58	20°40	12°35	13° 5	27°54	11° 7	3°48	3°45	7°38	4°11	T 13
W14	18 6 0	1°38'30	17°30	12°14	19°42	1°26	20°53	12°41	13° 5	27°56	11° 8	3°41	3°42	7°44	4°14	W14
T 15	18 9 57	2°35'40	0♓34	12°41	20°49	1°54	21° 6	12°47	13° 5	27°59	11° 8	3°36	3°39	7°51	4°16	T 15
F 16	18 13 53	3°32'51	13°13	13°14	21°57	2°22	21°19	12°53	13° 5	28° 1	11° 8	3°33	3°36	7°58	4°19	F 16
S 17	18 17 50	4°30'02	25°33	13°51	23° 4	2°51	21°32	12°59	13° 4	28° 3	11° 9	3°32	3°33	8° 4	4°21	S 17
S 18	18 21 47	5°27'13	7♈36	14°33	24°12	3°19	21°45	13° 5	13° 4	28° 5	11° 9	3°32	3°29	8°11	4°23	S 18
M19	18 25 43	6°24'25	19°30	15°19	25°19	3°48	21°58	13°10	13° 3	28° 7	11° 9	3°32	3°26	8°18	4°26	M19
T 20	18 29 40	7°21'36	1♉18	16°11	26°27	4°17	22°11	13°16	13° 3	28° 9	11°10	3°30	3°23	8°24	4°28	T 20
W21	18 33 36	8°18'48	13° 8	17° 6	27°35	4°47	22°24	13°21	13° 2	28°11	11°10	3°26	3°20	8°31	4°30	W21
T 22	18 37 33	9°16'01	25° 2	18° 6	28°43	5°17	22°37	13°27	13° 1	28°13	11°10	3°20	3°17	8°38	4°32	T 22
F 23	18 41 29	10°13'13	7♊ 4	19°11	29°51	5°47	22°51	13°32	13° 1	28°15	11°10	3°11	3°14	8°44	4°35	F 23
S 24	18 45 26	11°10'26	19°18	20°20	1♊ 0	6°17	23° 4	13°38	13° 0	28°17	11°11	2°59	3°10	8°51	4°37	S 24
S 25	18 49 22	12° 7'39	1♋44	21°33	2° 8	6°47	23°17	13°43	12°59	28°20	11°11	2°47	3° 7	8°58	4°39	S 25
M26	18 53 19	13° 4'53	14°24	22°51	3°16	7°18	23°30	13°48	12°58	28°22	11°11	2°34	3° 4	9° 4	4°41	M26
T 27	18 57 16	14° 2'07	27°17	24°12	4°25	7°49	23°43	13°53	12°58	28°24	11°11	2°22	3° 1	9°11	4°43	T 27
W28	19 1 12	14°59'21	10♌23	25°38	5°34	8°20	23°57	13°58	12°57	28°26	11°11	2°12	2°58	9°18	4°44	W28
T 29	19 5 9	15°56'35	23°40	27° 8	6°42	8°51	24°10	14° 3	12°56	28°28	11°11	2° 5	2°55	9°24	4°46	T 29
F 30	19 9 5	16♋53'49	7♍ 7	28♊42	7♊51	9♎23	24♋23	14♉ 8	12♓55	28♋30	11♈11	2♎ 0	2♎51	9♉31	4♉48	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 3	13n 1	3s57	18n31	3s56	11n 0	2s29	2n 7	0n29	22n36	0n20	13n10	2s12	7s23	0s47	20n27	0s16	11s14	16s58	1s57	1s45	11n 4	12n11	0s36
F 2	23 8	9 42	3 7	18 19	4 5	11 21	2 29	1 56	0 28	22 34	0 20	13 12	2 12	7 23	0 47	20 26	0 16	11 14	16 59	1 55	1 44	11 6	12 12	0 36
S 3	23 12	5 49	2 7	18 9	4 12	11 42	2 30	1 45	0 26	22 32	0 20	13 14	2 12	7 23	0 47	20 26	0 16	11 14	16 59	1 54	1 42	11 7	12 13	0 36
S 4	23 15	1 34	0 58	18 1	4 18	12 3	2 30	1 34	0 25	22 31	0 20	13 15	2 13	7 23	0 47	20 26	0 16	11 14	16 59	1 54	1 41	11 9	12 14	0 36
M 5	23 18	2s52	0n16	17 54	4 22	12 23	2 30	1 22	0 23	22 29	0 21	13 17	2 13	7 22	0 47	20 25	0 16	11 15	17 0	1 54	1 40	11 10	12 15	0 36
T 6	23 21	7 14	1 31	17 49	4 25	12 44	2 30	1 11	0 22	22 27	0 21	13 19	2 13	7 22	0 47	20 25	0 16	11 15	17 0	1 54	1 39	11 12	12 16	0 36
W 7	23 24	11 15	2 40	17 47	4 26	13 4	2 30	0 59	0 20	22 26	0 21	13 21	2 13	7 22	0 47	20 25	0 16	11 15	17 0	1 53	1 37	11 13	12 17	0 37
T 8	23 26	14 36	3 40	17 46	4 27	13 24	2 30	0 47	0 19	22 24	0 21	13 23	2 13	7 22	0 47	20 24	0 16	11 15	17 1	1 51	1 36	11 15	12 17	0 37
F 9	23 27	17 2	4 26	17 46	4 26	13 44	2 29	0 36	0 17	22 22	0 21	13 25	2 13	7 23	0 47	20 24	0 16	11 15	17 1	1 48	1 35	11 16	12 18	0 37
S 10	23 28	18 19	4 53	17 49	4 23	14 4	2 29	0 24	0 16	22 20	0 21	13 26	2 13	7 23	0 47	20 23	0 16	11 15	17 1	1 44	1 34	11 18	12 19	0 37
S 11	23 29	18 22	5 1	17 54	4 20	14 24	2 28	0 12	0 14	22 18	0 21	13 28	2 13	7 23	0 47	20 23	0 15	11 15	17 2	1 39	1 32	11 19	12 20	0 37
M12	23 29	17 13	4 49	18 0	4 15	14 43	2 27	0s 0	0 13	22 17	0 21	13 30	2 14	7 23	0 47	20 23	0 15	11 15	17 2	1 35	1 31	11 20	12 21	0 37
T 13	23 29	15 4	4 21	18 8	4 10	15 2	2 27	0 13	0 12	22 15	0 21	13 32	2 14	7 23	0 47	20 22	0 15	11 16	17 2	1 31	1 30	11 22	12 21	0 37
W14	23 29	12 10	3 38	18 17	4 3	15 21	2 26	0 25	0 10	22 13	0 21	13 33	2 14	7 23	0 47	20 22	0 15	11 16	17 3	1 28	1 29	11 23	12 22	0 37
T 15	23 28	8 43	2 45	18 28	3 56	15 40	2 25	0 37	0 9	22 11	0 21	13 35	2 14	7 23	0 47	20 22	0 15	11 16	17 3	1 26	1 27	11 25	12 23	0 37
F 16	23 27	4 59	1 45	18 40	3 48	15 58	2 24	0 50	0 7	22 9	0 21	13 36	2 14	7 23	0 47	20 21	0 15	11 16	17 4	1 25	1 26	11 26	12 24	0 38
S 17	23 25	1 8	0 42	18 53	3 39	16 17	2 23	1 2	0 6	22 7	0 21	13 38	2 14	7 24	0 47	20 21	0 15	11 16	17 4	1 25	1 25	11 28	12 24	0 38
S 18	23 23	2n42	0s22	19 8	3 29	16 34	2 21	1 15	0 5	22 5	0 21	13 40	2 14	7 24	0 47	20 20	0 15	11 17	17 4	1 24	1 23	11 29	12 25	0 38
M19	23 20	6 21	1 24	19 23	3 19	16 52	2 20	1 28	0 4	22 3	0 22	13 41	2 15	7 24	0 47	20 20	0 15	11 17	17 5	1 24	1 22	11 31	12 26	0 38
T 20	23 17	9 45	2 21	19 39	3 8	17 9	2 19	1 40	0 2	22 1	0 22	13 43	2 15	7 24	0 47	20 20	0 15	11 17	17 5	1 24	1 21	11 32	12 26	0 38
W21	23 14	12 44	3 13	19 56	2 57	17 26	2 17	1 53	0 1	21 59	0 22	13 44	2 15	7 24	0 47	20 19	0 15	11 17	17 5	1 22	1 20	11 33	12 27	0 38
T 22	23 10	15 14	3 57	20 13	2 45	17 43	2 16	2 6	0s 0	21 57	0 22	13 46	2 15	7 25	0 47	20 19	0 15	11 17	17 6	1 20	1 18	11 35	12 28	0 38
F 23	23 6	17 5	4 31	20 30	2 33	17 59	2 14	2 19	0 1	21 55	0 22	13 47	2 15	7 25	0 47	20 18	0 15	11 18	17 6	1 16	1 17	11 36	12 28	0 38
S 24	23 1	18 12	4 52	20 48	2 20	18 15	2 12	2 32	0 3	21 52	0 22	13 49	2 15	7 25	0 47	20 18	0 15	11 18	17 6	1 11	1 16	11 38	12 29	0 39
S 25	22 56	18 28	5 1	21 6	2 8	18 30	2 11	2 46	0 4	21 50	0 22	13 50	2 16	7 26	0 47	20 17	0 15	11 18	17 7	1 6	1 15	11 39	12 29	0 39
M26	22 51	17 50	4 54	21 23	1 55	18 45	2 9	2 59	0 5	21 48	0 22	13 51	2 16	7 26	0 48	20 17	0 15	11 19	17 7	1 1	1 13	11 41	12 30	0 39
T 27	22 45	16 17	4 33	21 40	1 42	19 0	2 7	3 12	0 6	21 46	0 22	13 53	2 16	7 26	0 48	20 17	0 15	11 19	17 8	0 57	1 12	11 42	12 30	0 39
W28	22 39	13 52	3 57	21 57	1 28	19 14	2 5	3 25	0 7	21 44	0 22	13 54	2 16	7 27	0 48	20 16	0 15	11 19	17 8	0 53	1 11	11 43	12 31	0 39
T 29	22 32	10 42	3 8	22 13	1 15	19 28	2 3	3 39	0 9	21 41	0 22	13 55	2 16	7 27	0 48	20 16	0 15	11 19	17 8	0 50	1 10	11 45	12 32	0 39
F 30	22n25	6n56	2s 8	22n27	1s 2	19n41	2s 0	3s52	0s10	21n39	0n22	13n57	2s16	7s28	0s48	20n15	0s15	11s20	17s 9	0s48	1s 8	11n46	12n32	0s39

Julian Day Number = 2300860.5, Delta T = 107.41 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'58, Lahiri = 18°05'58 Julian Calendar 1 June 1587 == Greg. Calendar 11 June 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

JULY 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 13 2	17♋51'04	20♍45	0♋19	9♊ 0	9♎54	24♋36	14♉13	12°R54	28♋33	11♈11	1°R58	2♎48	9♉38	4♉50	S 1
S 2	19 16 58	18°48'18	4♎33	2° 0	10° 9	10°26	24°50	14°18	12♓53	28°35	11°R11	1°D58	2°45	9°44	4°52	S 2
M 3	19 20 55	19°45'33	18°32	3°45	11°18	10°59	25° 3	14°22	12°52	28°37	11°11	1°R58	2°42	9°51	4°53	M 3
T 4	19 24 51	20°42'47	2♏40	5°33	12°28	11°31	25°16	14°27	12°50	28°39	11°11	1♎57	2°39	9°58	4°55	T 4
W 5	19 28 48	21°40'03	16°57	7°24	13°37	12° 3	25°30	14°31	12°49	28°41	11°11	1°55	2°35	10° 4	4°56	W 5
T 6	19 32 45	22°37'18	1♐21	9°18	14°46	12°36	25°43	14°36	12°48	28°44	11°11	1°51	2°32	10°11	4°58	T 6
F 7	19 36 41	23°34'34	15°47	11°14	15°56	13° 9	25°56	14°40	12°47	28°46	11°11	1°44	2°29	10°18	4°59	F 7
S 8	19 40 38	24°31'50	0♑11	13°13	17° 5	13°42	26°10	14°44	12°45	28°48	11°11	1°35	2°26	10°24	5° 0	S 8
S 9	19 44 34	25°29'06	14°27	15°14	18°15	14°15	26°23	14°48	12°44	28°50	11°11	1°25	2°23	10°31	5° 2	S 9
M10	19 48 31	26°26'24	28°29	17°17	19°25	14°49	26°36	14°53	12°43	28°53	11°11	1°15	2°20	10°38	5° 3	M10
T 11	19 52 27	27°23'41	12♒12	19°21	20°35	15°23	26°49	14°57	12°41	28°55	11°10	1° 6	2°16	10°44	5° 4	T 11
W12	19 56 24	28°21'00	25°34	21°26	21°45	15°56	27° 3	15° 0	12°40	28°57	11°10	0°59	2°13	10°51	5° 5	W12
T 13	20 0 20	29°18'20	8♓33	23°31	22°55	16°30	27°16	15° 4	12°38	28°59	11°10	0°54	2°10	10°58	5° 6	T 13
F 14	20 4 17	0♌15'40	21°10	25°38	24° 5	17° 4	27°29	15° 8	12°37	29° 1	11°10	0°52	2° 7	11° 4	5° 7	F 14
S 15	20 8 14	1°13'01	3♈29	27°44	25°15	17°39	27°43	15°12	12°35	29° 4	11° 9	0°D52	2° 4	11°11	5° 8	S 15
S 16	20 12 10	2°10'24	15°34	29°50	26°25	18°13	27°56	15°15	12°33	29° 6	11° 9	0°52	2° 1	11°18	5° 9	S 16
M17	20 16 7	3° 7'48	27°29	1♌56	27°36	18°48	28° 9	15°19	12°32	29° 8	11° 9	0°53	1°57	11°24	5°10	M17
T 18	20 20 3	4° 5'12	9♉19	4° 1	28°46	19°23	28°23	15°22	12°30	29°10	11° 8	0°R53	1°54	11°31	5°11	T 18
W19	20 24 0	5° 2'38	21°10	6° 5	29°57	19°58	28°36	15°25	12°28	29°13	11° 8	0°51	1°51	11°38	5°12	W19
T 20	20 27 56	6° 0'06	3♊ 7	8° 8	1♋ 7	20°33	28°49	15°29	12°27	29°15	11° 8	0°48	1°48	11°44	5°12	T 20
F 21	20 31 53	6°57'34	15°14	10°10	2°18	21° 8	29° 2	15°32	12°25	29°17	11° 7	0°42	1°45	11°51	5°13	F 21
S 22	20 35 49	7°55'04	27°35	12°11	3°29	21°44	29°16	15°35	12°23	29°19	11° 7	0°35	1°41	11°58	5°14	S 22
S 23	20 39 46	8°52'35	10♋11	14°11	4°40	22°19	29°29	15°38	12°21	29°21	11° 7	0°26	1°38	12° 4	5°14	S 23
M24	20 43 43	9°50'07	23° 5	16°10	5°51	22°55	29°42	15°40	12°19	29°24	11° 6	0°17	1°35	12°11	5°15	M24
T 25	20 47 39	10°47'41	6♌17	18° 7	7° 2	23°31	29°55	15°43	12°17	29°26	11° 6	0° 9	1°32	12°18	5°15	T 25
W26	20 51 36	11°45'15	19°44	20° 2	8°13	24° 7	0♌ 8	15°46	12°15	29°28	11° 5	0° 2	1°29	12°24	5°15	W26
T 27	20 55 32	12°42'51	3♍25	21°56	9°24	24°43	0°21	15°48	12°13	29°30	11° 5	29♍57	1°26	12°31	5°16	T 27
F 28	20 59 29	13°40'27	17°16	23°49	10°35	25°20	0°35	15°51	12°11	29°32	11° 4	29°55	1°22	12°38	5°16	F 28
S 29	21 3 25	14°38'05	1♎16	25°40	11°47	25°56	0°48	15°53	12° 9	29°35	11° 4	29°D54	1°19	12°45	5°16	S 29
S 30	21 7 22	15°35'44	15°21	27°30	12°58	26°33	1° 1	15°55	12° 7	29°37	11° 3	29°55	1°16	12°51	5°16	S 30
M31	21 11 18	16♌33'23	29♎30	29♌18	14♋ 9	27♎10	1♌14	15♉57	12♓ 5	29♋39	11♈ 2	29♍56	1♎13	12♉58	5°R16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n18	2n46	0s59	22n41	0s49	19n54	1s58	4s 6	0s11	21n37	0n22	13n58	2s17	7s28	0s48	20n15	0s15	11s20	17s 9	0s47	1s 7	11n48	12n32	0s39
S 2	22 10	1s36	0n14	22 53	0 36	20 6	1 56	4 20	0 12	21 35	0 23	13 59	2 17	7 28	0 48	20 14	0 15	11 20	17 9	0 47	1 6	11 49	12 33	0 39
M 3	22 2	5 56	1 27	23 3	0 23	20 18	1 54	4 33	0 13	21 32	0 23	14 0	2 17	7 29	0 48	20 14	0 15	11 21	17 10	0 47	1 4	11 51	12 33	0 40
T 4	21 53	9 59	2 35	23 12	0 10	20 30	1 51	4 47	0 14	21 30	0 23	14 1	2 17	7 29	0 48	20 14	0 15	11 21	17 10	0 47	1 3	11 52	12 34	0 40
W 5	21 45	13 30	3 35	23 19	0n 2	20 41	1 49	5 1	0 15	21 28	0 23	14 3	2 17	7 30	0 48	20 13	0 15	11 21	17 10	0 46	1 2	11 53	12 34	0 40
T 6	21 35	16 12	4 21	23 23	0 13	20 51	1 46	5 14	0 16	21 25	0 23	14 4	2 17	7 30	0 48	20 13	0 15	11 22	17 11	0 44	1 1	11 55	12 35	0 40
F 7	21 26	17 54	4 51	23 25	0 25	21 1	1 44	5 28	0 17	21 23	0 23	14 5	2 18	7 31	0 48	20 12	0 15	11 22	17 11	0 41	0 59	11 56	12 35	0 40
S 8	21 16	18 27	5 3	23 25	0 35	21 11	1 41	5 42	0 18	21 20	0 23	14 6	2 18	7 31	0 48	20 12	0 15	11 23	17 12	0 38	0 58	11 58	12 35	0 40
S 9	21 5	17 49	4 55	23 22	0 45	21 20	1 39	5 56	0 19	21 18	0 23	14 7	2 18	7 32	0 48	20 11	0 15	11 23	17 12	0 34	0 57	11 59	12 36	0 40
M10	20 55	16 6	4 30	23 16	0 54	21 28	1 36	6 10	0 20	21 16	0 23	14 8	2 18	7 32	0 48	20 11	0 15	11 23	17 12	0 30	0 56	12 0	12 36	0 40
T 11	20 44	13 30	3 49	23 8	1 3	21 36	1 33	6 24	0 21	21 13	0 23	14 9	2 18	7 33	0 48	20 10	0 15	11 24	17 13	0 26	0 54	12 2	12 36	0 41
W12	20 32	10 15	2 57	22 57	1 11	21 44	1 30	6 38	0 22	21 11	0 23	14 10	2 19	7 34	0 48	20 10	0 15	11 24	17 13	0 23	0 53	12 3	12 36	0 41
T 13	20 20	6 35	1 56	22 43	1 18	21 50	1 28	6 52	0 23	21 8	0 24	14 11	2 19	7 34	0 48	20 10	0 15	11 25	17 13	0 22	0 52	12 5	12 37	0 41
F 14	20 8	2 43	0 52	22 27	1 24	21 57	1 25	7 6	0 24	21 6	0 24	14 12	2 19	7 35	0 48	20 9	0 15	11 25	17 14	0 21	0 51	12 6	12 37	0 41
S 15	19 56	1n10	0s14	22 8	1 30	22 2	1 22	7 20	0 25	21 3	0 24	14 12	2 19	7 36	0 48	20 9	0 15	11 25	17 14	0 21	0 49	12 7	12 37	0 41
S 16	19 43	4 56	1 18	21 46	1 34	22 7	1 19	7 34	0 26	21 0	0 24	14 13	2 19	7 36	0 48	20 8	0 15	11 26	17 14	0 21	0 48	12 9	12 37	0 41
M17	19 30	8 27	2 18	21 22	1 38	22 12	1 16	7 48	0 27	20 58	0 24	14 14	2 20	7 37	0 48	20 8	0 15	11 26	17 15	0 21	0 47	12 10	12 37	0 41
T 18	19 17	11 36	3 11	20 56	1 41	22 16	1 13	8 2	0 28	20 55	0 24	14 15	2 20	7 38	0 48	20 7	0 15	11 27	17 15	0 21	0 46	12 12	12 38	0 42
W19	19 3	14 17	3 56	20 28	1 44	22 19	1 10	8 16	0 29	20 53	0 24	14 16	2 20	7 38	0 48	20 7	0 15	11 27	17 15	0 21	0 44	12 13	12 38	0 42
T 20	18 49	16 23	4 32	19 58	1 45	22 22	1 7	8 30	0 30	20 50	0 24	14 16	2 20	7 39	0 48	20 6	0 15	11 28	17 16	0 19	0 43	12 14	12 38	0 42
F 21	18 34	17 46	4 56	19 26	1 46	22 24	1 4	8 45	0 31	20 47	0 24	14 17	2 21	7 40	0 48	20 6	0 15	11 28	17 16	0 17	0 42	12 16	12 38	0 42
S 22	18 20	18 22	5 6	18 53	1 47	22 26	1 1	8 59	0 32	20 45	0 24	14 18	2 21	7 40	0 48	20 6	0 15	11 28	17 16	0 14	0 40	12 17	12 38	0 42
S 23	18 5	18 5	5 2	18 18	1 46	22 26	0 58	9 13	0 33	20 42	0 24	14 18	2 21	7 41	0 48	20 5	0 15	11 29	17 17	0 10	0 39	12 18	12 38	0 42
M24	17 49	16 52	4 43	17 42	1 45	22 27	0 55	9 27	0 34	20 39	0 25	14 19	2 21	7 42	0 48	20 5	0 15	11 29	17 17	0 7	0 38	12 20	12 38	0 42
T 25	17 34	14 44	4 8	17 4	1 43	22 26	0 52	9 41	0 35	20 37	0 25	14 19	2 21	7 43	0 48	20 4	0 15	11 30	17 17	0 4	0 37	12 21	12 38	0 42
W26	17 18	11 46	3 19	16 26	1 41	22 25	0 49	9 55	0 35	20 34	0 25	14 20	2 22	7 43	0 48	20 4	0 15	11 30	17 18	0 1	0 35	12 23	12 38	0 43
T 27	17 2	8 8	2 18	15 47	1 38	22 24	0 46	10 9	0 36	20 31	0 25	14 20	2 22	7 44	0 48	20 3	0 15	11 31	17 18	0n 1	0 34	12 24	12 38	0 43
F 28	16 45	4 0	1 8	15 6	1 35	22 21	0 43	10 24	0 37	20 29	0 25	14 21	2 22	7 45	0 48	20 3	0 15	11 31	17 18	0 2	0 33	12 25	12 38	0 43
S 29	16 29	0s23	0n 7	14 25	1 31	22 19	0 40	10 38	0 38	20 26	0 25	14 21	2 22	7 46	0 48	20 2	0 15	11 32	17 19	0 2	0 32	12 27	12 38	0 43
S 30	16 12	4 47	1 23	13 44	1 27	22 15	0 36	10 52	0 39	20 23	0 25	14 22	2 22	7 46	0 48	20 2	0 15	11 32	17 19	0 2	0 30	12 28	12 38	0 43
M31	15n54	8s55	2n33	13n 2	1n23	22n11	0s33	11s 6	0s40	20n20	0n25	14n22	2s23	7s47	0s48	20n 2	0s15	11s33	17s19	0n 2	0s29	12n29	12n38	0s43

Julian Day Number = 2300890.5, Delta T = 107.28 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'02, Lahiri = 18°06'02 Julian Calendar 1 July 1587 == Greg. Calendar 11 July 1587

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1587
geocentric

AUGUST 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 15 15	17♌31'04	13♏40	1♍ 5	15♋21	27♎47	1♌27	15♉59	12°R 3	29♋41	11°R 2	29°R57	1♎10	13♉ 5	5°R16	T 1
W 2	21 19 12	18°28'46	27°51	2°50	16°32	28°24	1°40	16° 1	12♓ 1	29°43	11♈ 1	29♍56	1° 7	13°11	5♉16	W 2
T 3	21 23 8	19°26'29	12♐ 0	4°34	17°44	29° 1	1°53	16° 3	11°59	29°45	11° 1	29°54	1° 3	13°18	5°16	T 3
F 4	21 27 5	20°24'13	26° 5	6°16	18°56	29°39	2° 6	16° 5	11°57	29°47	11° 0	29°51	1° 0	13°25	5°16	F 4
S 5	21 31 1	21°21'58	10♑ 3	7°57	20° 8	0♏16	2°19	16° 6	11°54	29°49	10°59	29°46	0°57	13°31	5°15	S 5
S 6	21 34 58	22°19'44	23°52	9°37	21°19	0°54	2°32	16° 8	11°52	29°52	10°58	29°40	0°54	13°38	5°15	S 6
M 7	21 38 54	23°17'31	7♒28	11°15	22°31	1°32	2°44	16° 9	11°50	29°54	10°58	29°34	0°51	13°45	5°15	M 7
T 8	21 42 51	24°15'20	20°49	12°52	23°43	2° 9	2°57	16°10	11°48	29°56	10°57	29°29	0°47	13°51	5°14	T 8
W 9	21 46 47	25°13'11	3♓53	14°27	24°55	2°47	3°10	16°12	11°46	29°58	10°56	29°25	0°44	13°58	5°14	W 9
T 10	21 50 44	26°11'02	16°40	16° 1	26° 8	3°26	3°23	16°13	11°43	29°59	10°56	29°23	0°41	14° 5	5°13	T 10
F 11	21 54 40	27° 8'56	29°10	17°34	27°20	4° 4	3°36	16°14	11°41	0♌ 2	10°55	29°D22	0°38	14°11	5°13	F 11
S 12	21 58 37	28° 6'51	11♈25	19° 5	28°32	4°42	3°48	16°14	11°39	0° 4	10°54	29°23	0°35	14°18	5°12	S 12
S 13	22 2 34	29° 4'48	23°27	20°35	29°44	5°21	4° 1	16°15	11°36	0° 6	10°53	29°24	0°32	14°25	5°11	S 13
M14	22 6 30	0♍ 2'47	5♉22	22° 4	0♌57	6° 0	4°13	16°16	11°34	0° 8	10°52	29°26	0°28	14°31	5°10	M14
T 15	22 10 27	1° 0'47	17°13	23°31	2° 9	6°38	4°26	16°16	11°32	0°10	10°52	29°27	0°25	14°38	5°10	T 15
W16	22 14 23	1°58'50	29° 4	24°57	3°22	7°17	4°39	16°17	11°29	0°12	10°51	29°R28	0°22	14°45	5° 9	W16
T 17	22 18 20	2°56'54	11♊ 2	26°21	4°34	7°56	4°51	16°17	11°27	0°14	10°50	29°28	0°19	14°51	5° 8	T 17
F 18	22 22 16	3°55'01	23°10	27°44	5°47	8°35	5° 3	16°17	11°25	0°16	10°49	29°26	0°16	14°58	5° 7	F 18
S 19	22 26 13	4°53'09	5♋32	29° 6	7° 0	9°15	5°16	16°18	11°22	0°18	10°48	29°24	0°12	15° 5	5° 6	S 19
S 20	22 30 9	5°51'20	18°13	0♎26	8°13	9°54	5°28	16°R18	11°20	0°20	10°47	29°21	0° 9	15°12	5° 4	S 20
M21	22 34 6	6°49'32	1♌15	1°44	9°25	10°34	5°40	16°17	11°17	0°21	10°46	29°17	0° 6	15°18	5° 3	M21
T 22	22 38 3	7°47'46	14°39	3° 1	10°38	11°13	5°53	16°17	11°15	0°23	10°45	29°14	0° 3	15°25	5° 2	T 22
W23	22 41 59	8°46'02	28°23	4°16	11°51	11°53	6° 5	16°17	11°13	0°25	10°44	29°12	29♍59	15°32	5° 1	W23
T 24	22 45 56	9°44'20	12♍26	5°30	13° 4	12°33	6°17	16°16	11°10	0°27	10°43	29°10	29°57	15°38	4°59	T 24
F 25	22 49 52	10°42'40	26°43	6°41	14°17	13°13	6°29	16°16	11° 8	0°29	10°42	29°D 9	29°53	15°45	4°58	F 25
S 26	22 53 49	11°41'01	11♎10	7°51	15°31	13°53	6°41	16°15	11° 5	0°31	10°41	29° 9	29°50	15°52	4°57	S 26
S 27	22 57 45	12°39'24	25°40	8°59	16°44	14°33	6°53	16°15	11° 3	0°32	10°40	29°10	29°47	15°58	4°55	S 27
M28	23 1 42	13°37'49	10♏10	10° 5	17°57	15°13	7° 5	16°14	11° 1	0°34	10°39	29°12	29°44	16° 5	4°54	M28
T 29	23 5 38	14°36'15	24°34	11° 8	19°10	15°54	7°17	16°13	10°58	0°36	10°38	29°13	29°41	16°12	4°52	T 29
W30	23 9 35	15°34'43	8♐49	12° 9	20°24	16°34	7°28	16°12	10°56	0°37	10°37	29°13	29°38	16°18	4°50	W30
T 31	23 13 32	16♍33'13	22♐54	13♎ 8	21♌37	17♏15	7♌40	16♉10	10♓53	0♌39	10♈36	29°R13	29♍34	16♉25	4♉49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n37	12s33	3n35	12n19	1n18	22n 6	0s30	11s20	0s40	20n18	0n25	14n23	2s23	7s48	0s48	20n 1	0s15	11s33	17s20	0n 1	0s28	12n31	12n37	0s43
W 2	15 19	15 27	4 23	11 37	1 12	22 1	0 27	11 34	0 41	20 15	0 25	14 23	2 23	7 49	0 49	20 1	0 15	11 34	17 20	0 1	0 27	12 32	12 37	0 43
T 3	15 1	17 24	4 55	10 53	1 7	21 55	0 24	11 48	0 42	20 12	0 26	14 23	2 23	7 50	0 49	20 0	0 15	11 34	17 20	0 2	0 25	12 34	12 37	0 44
F 4	14 43	18 16	5 10	10 10	1 1	21 48	0 21	12 2	0 43	20 9	0 26	14 23	2 24	7 51	0 49	20 0	0 15	11 35	17 20	0 4	0 24	12 35	12 37	0 44
S 5	14 25	18 2	5 5	9 27	0 54	21 41	0 18	12 16	0 43	20 6	0 26	14 24	2 24	7 51	0 49	19 59	0 15	11 35	17 21	0 6	0 23	12 36	12 37	0 44
S 6	14 6	16 43	4 43	8 43	0 48	21 33	0 15	12 30	0 44	20 3	0 26	14 24	2 24	7 52	0 49	19 59	0 15	11 36	17 21	0 8	0 21	12 38	12 37	0 44
M 7	13 47	14 29	4 6	7 59	0 41	21 25	0 12	12 44	0 45	20 1	0 26	14 24	2 24	7 53	0 49	19 58	0 15	11 36	17 21	0 10	0 20	12 39	12 36	0 44
T 8	13 28	11 30	3 15	7 16	0 34	21 16	0 9	12 58	0 46	19 58	0 26	14 24	2 25	7 54	0 49	19 58	0 15	11 37	17 22	0 12	0 19	12 40	12 36	0 44
W 9	13 9	8 1	2 15	6 32	0 26	21 6	0 6	13 12	0 46	19 55	0 26	14 24	2 25	7 55	0 49	19 58	0 15	11 38	17 22	0 14	0 18	12 42	12 36	0 44
T 10	12 49	4 13	1 9	5 49	0 19	20 55	0 3	13 25	0 47	19 52	0 26	14 24	2 25	7 56	0 49	19 57	0 15	11 38	17 22	0 15	0 16	12 43	12 35	0 44
F 11	12 29	0 19	0 1	5 6	0 11	20 45	0n 0	13 39	0 48	19 49	0 26	14 25	2 25	7 57	0 49	19 57	0 15	11 39	17 22	0 15	0 15	12 44	12 35	0 45
S 12	12 9	3n31	1s 6	4 23	0 3	20 33	0 3	13 53	0 49	19 46	0 27	14 25	2 25	7 58	0 49	19 56	0 15	11 39	17 23	0 15	0 14	12 46	12 35	0 45
S 13	11 49	7 9	2 8	3 40	0s 5	20 21	0 6	14 6	0 49	19 44	0 27	14 25	2 26	7 59	0 49	19 56	0 15	11 40	17 23	0 14	0 13	12 47	12 34	0 45
M14	11 29	10 26	3 5	2 58	0 13	20 8	0 9	14 20	0 50	19 41	0 27	14 25	2 26	7 59	0 49	19 55	0 15	11 40	17 23	0 14	0 11	12 48	12 34	0 45
T 15	11 8	13 17	3 53	2 15	0 21	19 55	0 12	14 33	0 51	19 38	0 27	14 24	2 26	8 0	0 49	19 55	0 15	11 41	17 23	0 13	0 10	12 50	12 34	0 45
W16	10 48	15 35	4 31	1 34	0 29	19 41	0 15	14 47	0 51	19 35	0 27	14 24	2 26	8 1	0 49	19 55	0 15	11 41	17 24	0 13	0 9	12 51	12 33	0 45
T 17	10 27	17 13	4 58	0 52	0 38	19 27	0 18	15 0	0 52	19 32	0 27	14 24	2 27	8 2	0 49	19 54	0 15	11 42	17 24	0 13	0 8	12 52	12 33	0 45
F 18	10 6	18 7	5 13	0 12	0 46	19 12	0 20	15 14	0 53	19 29	0 27	14 24	2 27	8 3	0 49	19 54	0 15	11 42	17 24	0 13	0 6	12 54	12 32	0 46
S 19	9 44	18 10	5 13	0s29	0 55	18 56	0 23	15 27	0 53	19 26	0 27	14 24	2 27	8 4	0 49	19 53	0 15	11 43	17 24	0 14	0 5	12 55	12 32	0 46
S 20	9 23	17 20	4 58	1 9	1 4	18 40	0 26	15 40	0 54	19 23	0 28	14 24	2 27	8 5	0 49	19 53	0 15	11 43	17 24	0 16	0 4	12 56	12 31	0 46
M21	9 1	15 35	4 27	1 48	1 12	18 23	0 28	15 53	0 55	19 20	0 28	14 23	2 27	8 6	0 49	19 53	0 15	11 44	17 25	0 17	0 2	12 58	12 31	0 46
T 22	8 40	12 57	3 41	2 26	1 21	18 6	0 31	16 6	0 55	19 18	0 28	14 23	2 28	8 7	0 49	19 52	0 15	11 45	17 25	0 18	0 1	12 59	12 30	0 46
W23	8 18	9 32	2 42	3 4	1 30	17 49	0 34	16 19	0 56	19 15	0 28	14 23	2 28	8 8	0 49	19 52	0 15	11 45	17 25	0 19	0n 0	13 0	12 30	0 46
T 24	7 56	5 30	1 31	3 41	1 38	17 30	0 36	16 32	0 56	19 12	0 28	14 23	2 28	8 9	0 49	19 51	0 15	11 46	17 25	0 20	0 1	13 2	12 29	0 46
F 25	7 34	1 6	0 13	4 18	1 47	17 12	0 39	16 45	0 57	19 9	0 28	14 22	2 28	8 9	0 49	19 51	0 15	11 46	17 25	0 20	0 3	13 3	12 29	0 46
S 26	7 12	3s25	1n 6	4 53	1 55	16 53	0 41	16 57	0 58	19 6	0 28	14 22	2 29	8 10	0 49	19 51	0 15	11 47	17 26	0 20	0 4	13 4	12 28	0 47
S 27	6 49	7 45	2 21	5 28	2 4	16 33	0 44	17 10	0 58	19 3	0 28	14 21	2 29	8 11	0 49	19 50	0 15	11 47	17 26	0 20	0 5	13 6	12 27	0 47
M28	6 27	11 36	3 28	6 2	2 12	16 13	0 46	17 22	0 59	19 0	0 29	14 21	2 29	8 12	0 49	19 50	0 15	11 48	17 26	0 19	0 6	13 7	12 27	0 47
T 29	6 4	14 44	4 21	6 34	2 21	15 52	0 48	17 35	0 59	18 57	0 29	14 20	2 29	8 13	0 49	19 50	0 15	11 48	17 26	0 19	0 8	13 8	12 26	0 47
W30	5 42	16 56	4 57	7 6	2 29	15 31	0 50	17 47	1 0	18 54	0 29	14 20	2 29	8 14	0 49	19 49	0 15	11 49	17 26	0 19	0 9	13 9	12 25	0 47
T 31	5n19	18s 4	5n15	7s36	2s37	15n10	0n53	17s59	1s 0	18n52	0n29	14n19	2s30	8s15	0s49	19n49	0s15	11s49	17s27	0n19	0n10	13n11	12n25	0s47

Julian Day Number = 2300921.5, Delta T = 107.14 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'06, Lahiri = 18°06'06 Julian Calendar 1 Aug. 1587 == Greg. Calendar 11 Aug. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

SEPTEMBER 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 17 28	17♍31'44	6♉46	14♎ 4	22♌51	17♏56	7♌52	16°R 9	10°R51	0♌41	10°R35	29°R13	29♍31	16♉32	4°R47	F 1
S 2	23 21 25	18°30'17	20°24	14°57	24° 4	18°37	8° 3	16♉ 8	10♓49	0°42	10♈34	29♍12	29°28	16°38	4♉45	S 2
S 3	23 25 21	19°28'51	3♒49	15°46	25°18	19°18	8°15	16° 6	10°46	0°44	10°33	29°10	29°25	16°45	4°43	S 3
M 4	23 29 18	20°27'27	17° 0	16°33	26°31	19°59	8°26	16° 5	10°44	0°46	10°32	29° 9	29°22	16°52	4°41	M 4
T 5	23 33 14	21°26'05	29°57	17°16	27°45	20°40	8°37	16° 3	10°42	0°47	10°31	29° 8	29°18	16°58	4°39	T 5
W 6	23 37 11	22°24'45	12♓40	17°55	28°59	21°21	8°49	16° 1	10°39	0°49	10°30	29° 8	29°15	17° 5	4°37	W 6
T 7	23 41 7	23°23'27	25°10	18°30	0♍12	22° 2	9° 0	15°59	10°37	0°50	10°29	29°D 7	29°12	17°12	4°35	T 7
F 8	23 45 4	24°22'10	7♈28	19° 0	1°26	22°44	9°11	15°57	10°35	0°52	10°28	29° 7	29° 9	17°19	4°33	F 8
S 9	23 49 0	25°20'56	19°35	19°25	2°40	23°25	9°22	15°55	10°32	0°53	10°27	29° 8	29° 6	17°25	4°31	S 9
S 10	23 52 57	26°19'44	1♉34	19°46	3°54	24° 7	9°33	15°53	10°30	0°55	10°25	29° 8	29° 3	17°32	4°29	S 10
M11	23 56 54	27°18'34	13°27	20° 0	5° 8	24°49	9°44	15°51	10°28	0°56	10°24	29° 8	28°59	17°39	4°27	M11
T 12	0 0 50	28°17'26	25°17	20° 8	6°22	25°31	9°55	15°48	10°25	0°57	10°23	29° 8	28°56	17°45	4°24	T 12
W13	0 4 47	29°16'21	7♊ 9	20°R10	7°36	26°12	10° 5	15°46	10°23	0°59	10°22	29°R 8	28°53	17°52	4°22	W13
T 14	0 8 43	0♎15'18	19° 5	20° 5	8°50	26°55	10°16	15°43	10°21	1° 0	10°21	29° 8	28°50	17°59	4°20	T 14
F 15	0 12 40	1°14'17	1♋11	19°53	10° 4	27°37	10°26	15°41	10°19	1° 1	10°20	29°D 8	28°47	18° 5	4°17	F 15
S 16	0 16 36	2°13'18	13°31	19°33	11°19	28°19	10°37	15°38	10°17	1° 3	10°19	29° 8	28°44	18°12	4°15	S 16
S 17	0 20 33	3°12'22	26°10	19° 6	12°33	29° 1	10°47	15°35	10°14	1° 4	10°17	29° 9	28°40	18°19	4°13	S 17
M18	0 24 29	4°11'28	9♌10	18°31	13°47	29°44	10°58	15°32	10°12	1° 5	10°16	29° 9	28°37	18°25	4°10	M18
T 19	0 28 26	5°10'36	22°36	17°48	15° 1	0♐26	11° 8	15°29	10°10	1° 6	10°15	29°10	28°34	18°32	4° 7	T 19
W20	0 32 23	6° 9'47	6♍27	16°58	16°16	1° 9	11°18	15°26	10° 8	1° 8	10°14	29°10	28°31	18°39	4° 5	W20
T 21	0 36 19	7° 9'00	20°42	16° 1	17°30	1°51	11°28	15°23	10° 6	1° 9	10°13	29°11	28°28	18°46	4° 2	T 21
F 22	0 40 16	8° 8'15	5♎17	14°59	18°45	2°34	11°38	15°19	10° 4	1°10	10°12	29°R11	28°24	18°52	4° 0	F 22
S 23	0 44 12	9° 7'32	20° 7	13°52	19°59	3°17	11°47	15°16	10° 2	1°11	10°10	29°10	28°21	18°59	3°57	S 23
S 24	0 48 9	10° 6'50	5♏ 4	12°41	21°14	4° 0	11°57	15°13	10° 0	1°12	10° 9	29° 9	28°18	19° 6	3°54	S 24
M25	0 52 5	11° 6'11	19°59	11°30	22°28	4°43	12° 7	15° 9	9°58	1°13	10° 8	29° 8	28°15	19°12	3°52	M25
T 26	0 56 2	12° 5'34	4♐46	10°19	23°43	5°26	12°16	15° 5	9°56	1°14	10° 7	29° 6	28°12	19°19	3°49	T 26
W27	0 59 58	13° 4'59	19°16	9°11	24°57	6° 9	12°25	15° 2	9°54	1°15	10° 6	29° 5	28° 9	19°26	3°46	W27
T 28	1 3 55	14° 4'25	3♉28	8° 7	26°12	6°53	12°35	14°58	9°52	1°16	10° 5	29° 4	28° 5	19°32	3°43	T 28
F 29	1 7 52	15° 3'54	17°18	7°10	27°27	7°36	12°44	14°54	9°51	1°17	10° 4	29°D 4	28° 2	19°39	3°41	F 29
S 30	1 11 48	16♎ 3'24	0♒47	6♎21	28♍42	8♐19	12♌53	14♉50	9♓49	1♌18	10♈ 2	29♍ 4	27♍59	19♉46	3♉38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n56	18s 5	5n14	8s 5	2s44	14n48	0n55	18s11	1s 1	18n49	0n29	14n19	2s30	8s16	0s49	19n49	0s15	11s50	17s27	0n19	0n11	13n12	12n24	0s47
S 2	4 33	17 4	4 55	8 32	2 52	14 25	0 57	18 23	1 1	18 46	0 29	14 18	2 30	8 17	0 49	19 48	0 15	11 51	17 27	0 19	0 13	13 13	12 23	0 47
S 3	4 10	15 7	4 21	8 58	2 59	14 3	0 59	18 35	1 2	18 43	0 29	14 18	2 30	8 18	0 49	19 48	0 15	11 51	17 27	0 20	0 14	13 15	12 22	0 48
M 4	3 47	12 23	3 33	9 23	3 6	13 39	1 1	18 46	1 2	18 40	0 30	14 17	2 30	8 18	0 49	19 47	0 15	11 52	17 27	0 20	0 15	13 16	12 22	0 48
T 5	3 24	9 6	2 35	9 46	3 13	13 16	1 3	18 58	1 3	18 37	0 30	14 16	2 31	8 19	0 49	19 47	0 15	11 52	17 27	0 21	0 17	13 17	12 21	0 48
W 6	3 1	5 26	1 30	10 6	3 19	12 52	1 5	19 9	1 3	18 34	0 30	14 16	2 31	8 20	0 49	19 47	0 15	11 53	17 27	0 21	0 18	13 19	12 20	0 48
T 7	2 38	1 35	0 22	10 25	3 25	12 28	1 7	19 21	1 4	18 32	0 30	14 15	2 31	8 21	0 49	19 47	0 15	11 53	17 27	0 21	0 19	13 20	12 19	0 48
F 8	2 14	2n16	0s46	10 41	3 30	12 3	1 8	19 32	1 4	18 29	0 30	14 14	2 31	8 22	0 49	19 46	0 15	11 54	17 28	0 21	0 20	13 21	12 19	0 48
S 9	1 51	5 58	1 51	10 55	3 34	11 38	1 10	19 43	1 5	18 26	0 30	14 13	2 31	8 23	0 49	19 46	0 15	11 54	17 28	0 21	0 22	13 22	12 18	0 48
S 10	1 28	9 23	2 51	11 6	3 38	11 13	1 12	19 54	1 5	18 23	0 30	14 12	2 32	8 24	0 49	19 46	0 15	11 55	17 28	0 21	0 23	13 24	12 17	0 48
M11	1 4	12 23	3 42	11 14	3 41	10 47	1 13	20 4	1 6	18 21	0 31	14 12	2 32	8 25	0 49	19 45	0 15	11 55	17 28	0 21	0 24	13 25	12 16	0 49
T 12	0 41	14 51	4 24	11 20	3 43	10 21	1 15	20 15	1 6	18 18	0 31	14 11	2 32	8 25	0 49	19 45	0 15	11 56	17 28	0 21	0 25	13 26	12 15	0 49
W13	0 17	16 42	4 55	11 21	3 44	9 55	1 16	20 25	1 7	18 15	0 31	14 10	2 32	8 26	0 49	19 45	0 15	11 56	17 28	0 21	0 27	13 28	12 14	0 49
T 14	0s 6	17 51	5 13	11 19	3 44	9 28	1 17	20 36	1 7	18 12	0 31	14 9	2 32	8 27	0 49	19 44	0 15	11 57	17 28	0 21	0 28	13 29	12 13	0 49
F 15	0 30	18 12	5 17	11 13	3 43	9 1	1 19	20 46	1 7	18 10	0 31	14 8	2 33	8 28	0 49	19 44	0 15	11 57	17 28	0 21	0 29	13 30	12 12	0 49
S 16	0 53	17 42	5 8	11 3	3 40	8 34	1 20	20 56	1 8	18 7	0 31	14 7	2 33	8 29	0 49	19 44	0 15	11 58	17 28	0 21	0 30	13 31	12 11	0 49
S 17	1 17	16 20	4 43	10 49	3 36	8 7	1 21	21 6	1 8	18 4	0 32	14 6	2 33	8 30	0 49	19 44	0 15	11 58	17 28	0 20	0 32	13 33	12 11	0 49
M18	1 40	14 5	4 3	10 30	3 30	7 39	1 22	21 15	1 9	18 2	0 32	14 5	2 33	8 30	0 48	19 43	0 15	11 59	17 28	0 20	0 33	13 34	12 10	0 49
T 19	2 4	11 2	3 9	10 6	3 22	7 11	1 23	21 25	1 9	17 59	0 32	14 4	2 33	8 31	0 48	19 43	0 15	11 59	17 28	0 20	0 34	13 35	12 9	0 50
W20	2 27	7 16	2 3	9 38	3 12	6 43	1 24	21 34	1 9	17 56	0 32	14 3	2 33	8 32	0 48	19 43	0 15	12 0	17 28	0 20	0 36	13 36	12 8	0 50
T 21	2 51	2 59	0 47	9 6	3 1	6 15	1 25	21 43	1 10	17 54	0 32	14 2	2 33	8 33	0 48	19 43	0 15	12 0	17 28	0 20	0 37	13 38	12 7	0 50
F 22	3 14	1s35	0n34	8 29	2 47	5 47	1 26	21 52	1 10	17 51	0 32	14 1	2 34	8 33	0 48	19 42	0 15	12 1	17 28	0 20	0 38	13 39	12 6	0 50
S 23	3 37	6 8	1 54	7 49	2 32	5 18	1 27	22 1	1 11	17 49	0 32	14 0	2 34	8 34	0 48	19 42	0 15	12 1	17 28	0 20	0 39	13 40	12 5	0 50
S 24	4 1	10 19	3 6	7 6	2 15	4 49	1 27	22 9	1 11	17 46	0 33	13 59	2 34	8 35	0 48	19 42	0 15	12 1	17 28	0 20	0 41	13 41	12 4	0 50
M25	4 24	13 50	4 6	6 21	1 57	4 20	1 28	22 18	1 11	17 44	0 33	13 58	2 34	8 36	0 48	19 42	0 15	12 2	17 28	0 21	0 42	13 43	12 3	0 50
T 26	4 47	16 24	4 49	5 35	1 38	3 51	1 29	22 26	1 12	17 41	0 33	13 56	2 34	8 36	0 48	19 41	0 15	12 2	17 28	0 21	0 43	13 44	12 2	0 50
W27	5 11	17 52	5 12	4 50	1 17	3 22	1 29	22 34	1 12	17 39	0 33	13 55	2 34	8 37	0 48	19 41	0 15	12 3	17 28	0 22	0 44	13 45	12 1	0 50
T 28	5 34	18 11	5 16	4 6	0 57	2 53	1 29	22 41	1 12	17 36	0 33	13 54	2 34	8 38	0 48	19 41	0 15	12 3	17 28	0 22	0 46	13 46	12 0	0 51
F 29	5 57	17 24	5 1	3 24	0 36	2 23	1 30	22 49	1 13	17 34	0 34	13 53	2 35	8 38	0 48	19 41	0 15	12 4	17 28	0 22	0 47	13 48	11 58	0 51
S 30	6s20	15s38	4n29	2s46	0s16	1n54	1n30	22s56	1s13	17n31	0n34	13n52	2s35	8s39	0s48	19n41	0s15	12s 4	17s28	0n22	0n48	13n49	11n57	0s51

Julian Day Number = 2300952.5, Delta T = 107.01 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'10, Lahiri = 18°06'11 Julian Calendar 1 Sept. 1587 == Greg. Calendar 11 Sept. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

OCTOBER 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 15 45	17♎ 2'55	13♒57	5°R41	29♍56	9♐ 3	13♌ 2	14°R46	9°R47	1♌18	10°R 1	29♍ 5	27♍56	19♉52	3°R35	S 1
M 2	1 19 41	18° 2'29	26°49	5♎12	1♎11	9°47	13°10	14♉42	9♓45	1°19	10♈ 0	29° 7	27°53	19°59	3♉32	M 2
T 3	1 23 38	19° 2'04	9♓26	4°54	2°26	10°30	13°19	14°38	9°44	1°20	9°59	29° 8	27°49	20° 6	3°29	T 3
W 4	1 27 34	20° 1'41	21°50	4°D47	3°41	11°14	13°28	14°34	9°42	1°21	9°58	29° 9	27°46	20°13	3°26	W 4
T 5	1 31 31	21° 1'19	4♈ 4	4°51	4°56	11°58	13°36	14°30	9°40	1°21	9°57	29°R 9	27°43	20°19	3°23	T 5
F 6	1 35 27	22° 1'00	16°10	5° 6	6°10	12°42	13°44	14°25	9°39	1°22	9°55	29° 8	27°40	20°26	3°20	F 6
S 7	1 39 24	23° 0'43	28° 9	5°31	7°25	13°26	13°52	14°21	9°37	1°23	9°54	29° 6	27°37	20°33	3°17	S 7
S 8	1 43 20	24° 0'28	10♉ 3	6° 5	8°40	14°10	14° 0	14°17	9°36	1°23	9°53	29° 3	27°34	20°39	3°14	S 8
M 9	1 47 17	25° 0'15	21°54	6°49	9°55	14°54	14° 8	14°12	9°34	1°24	9°52	28°58	27°30	20°46	3°11	M 9
T 10	1 51 14	26° 0'04	3♊45	7°40	11°10	15°38	14°16	14° 8	9°33	1°24	9°51	28°53	27°27	20°53	3° 8	T 10
W11	1 55 10	26°59'55	15°37	8°39	12°25	16°23	14°24	14° 3	9°31	1°25	9°50	28°49	27°24	20°59	3° 5	W11
T 12	1 59 7	27°59'48	27°33	9°44	13°40	17° 7	14°31	13°59	9°30	1°25	9°49	28°45	27°21	21° 6	3° 2	T 12
F 13	2 3 3	28°59'44	9♋38	10°54	14°55	17°51	14°38	13°54	9°29	1°26	9°48	28°41	27°18	21°13	2°59	F 13
S 14	2 7 0	29°59'42	21°55	12°10	16°10	18°36	14°46	13°50	9°27	1°26	9°47	28°40	27°15	21°19	2°56	S 14
S 15	2 10 56	0♏59'41	4♌28	13°29	17°26	19°21	14°53	13°45	9°26	1°27	9°46	28°D39	27°11	21°26	2°53	S 15
M16	2 14 53	1°59'43	17°21	14°51	18°41	20° 5	15° 0	13°40	9°25	1°27	9°44	28°40	27° 8	21°33	2°50	M16
T 17	2 18 49	2°59'48	0♍40	16°17	19°56	20°50	15° 7	13°35	9°24	1°27	9°43	28°42	27° 5	21°40	2°47	T 17
W18	2 22 46	3°59'54	14°25	17°45	21°11	21°35	15°13	13°31	9°23	1°28	9°42	28°43	27° 2	21°46	2°44	W18
T 19	2 26 43	5° 0'02	28°38	19°15	22°26	22°20	15°20	13°26	9°22	1°28	9°41	28°R44	26°59	21°53	2°41	T 19
F 20	2 30 39	6° 0'13	13♎17	20°47	23°42	23° 4	15°26	13°21	9°21	1°28	9°40	28°43	26°55	22° 0	2°38	F 20
S 21	2 34 36	7° 0'25	28°17	22°20	24°57	23°49	15°32	13°16	9°20	1°28	9°39	28°41	26°52	22° 6	2°35	S 21
S 22	2 38 32	8° 0'39	13♏30	23°54	26°12	24°35	15°38	13°11	9°19	1°28	9°38	28°36	26°49	22°13	2°32	S 22
M23	2 42 29	9° 0'55	28°45	25°29	27°27	25°20	15°44	13° 7	9°18	1°28	9°37	28°30	26°46	22°20	2°29	M23
T 24	2 46 25	10° 1'13	13♐53	27° 4	28°43	26° 5	15°50	13° 2	9°17	1°28	9°36	28°24	26°43	22°26	2°26	T 24
W25	2 50 22	11° 1'33	28°43	28°40	29°58	26°50	15°55	12°57	9°16	1°R29	9°35	28°18	26°40	22°33	2°23	W25
T 26	2 54 18	12° 1'54	13♑ 9	0♏17	1♏13	27°35	16° 1	12°52	9°15	1°28	9°34	28°13	26°36	22°40	2°20	T 26
F 27	2 58 15	13° 2'16	27° 8	1°53	2°29	28°21	16° 6	12°47	9°15	1°28	9°33	28°10	26°33	22°47	2°17	F 27
S 28	3 2 12	14° 2'39	10♒40	3°30	3°44	29° 6	16°11	12°42	9°14	1°28	9°32	28°D 8	26°30	22°53	2°14	S 28
S 29	3 6 8	15° 3'04	23°45	5° 6	4°59	29°52	16°16	12°37	9°14	1°28	9°32	28° 9	26°27	23° 0	2°11	S 29
M30	3 10 5	16° 3'31	6♓29	6°43	6°15	0♑37	16°21	12°32	9°13	1°28	9°31	28°10	26°24	23° 7	2° 8	M30
T 31	3 14 1	17♏ 3'58	18♓55	8♏19	7♏30	1♑23	16♌25	12♉27	9♓13	1♌28	9♈30	28♍11	26♍21	23♉13	2♉ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s43	13s 5	3n45	2s13	0n 3	1n24	1n30	23s 3	1s13	17n29	0n34	13n50	2s35	8s40	0s48	19n40	0s15	12s 4	17s28	0n22	0n49	13n50	11n56	0s51
M 2	7 5	9 57	2 49	1 44	0 22	0 55	1 30	23 10	1 13	17 27	0 34	13 49	2 35	8 40	0 48	19 40	0 15	12 5	17 28	0 21	0 51	13 51	11 55	0 51
T 3	7 28	6 24	1 47	1 21	0 39	0 25	1 30	23 17	1 14	17 24	0 34	13 48	2 35	8 41	0 48	19 40	0 15	12 5	17 28	0 21	0 52	13 53	11 54	0 51
W 4	7 51	2 38	0 40	1 4	0 55	0s 5	1 30	23 24	1 14	17 22	0 34	13 46	2 35	8 42	0 48	19 40	0 15	12 6	17 28	0 20	0 53	13 54	11 53	0 51
T 5	8 13	1n12	0s27	0 53	1 9	0 35	1 30	23 30	1 14	17 20	0 35	13 45	2 35	8 42	0 48	19 40	0 15	12 6	17 28	0 20	0 55	13 55	11 52	0 51
F 6	8 36	4 57	1 32	0 47	1 21	1 5	1 30	23 36	1 14	17 18	0 35	13 44	2 35	8 43	0 48	19 40	0 15	12 6	17 28	0 21	0 56	13 56	11 51	0 51
S 7	8 58	8 28	2 33	0 47	1 32	1 35	1 30	23 42	1 15	17 15	0 35	13 42	2 35	8 43	0 48	19 39	0 15	12 7	17 28	0 22	0 57	13 58	11 50	0 52
S 8	9 20	11 36	3 26	0 52	1 42	2 4	1 30	23 47	1 15	17 13	0 35	13 41	2 35	8 44	0 48	19 39	0 15	12 7	17 28	0 23	0 58	13 59	11 49	0 52
M 9	9 42	14 15	4 10	1 2	1 49	2 34	1 29	23 53	1 15	17 11	0 35	13 40	2 35	8 44	0 48	19 39	0 15	12 7	17 28	0 25	1 0	14 0	11 48	0 52
T 10	10 4	16 18	4 44	1 17	1 56	3 4	1 29	23 58	1 15	17 9	0 36	13 38	2 35	8 45	0 48	19 39	0 15	12 8	17 28	0 27	1 1	14 1	11 46	0 52
W11	10 26	17 40	5 5	1 36	2 0	3 34	1 28	24 3	1 16	17 7	0 36	13 37	2 35	8 45	0 48	19 39	0 15	12 8	17 27	0 28	1 2	14 2	11 45	0 52
T 12	10 47	18 15	5 13	1 58	2 4	4 3	1 28	24 7	1 16	17 5	0 36	13 36	2 36	8 46	0 48	19 39	0 15	12 8	17 27	0 30	1 3	14 4	11 44	0 52
F 13	11 8	18 2	5 7	2 23	2 6	4 33	1 27	24 12	1 16	17 3	0 36	13 34	2 36	8 46	0 48	19 39	0 15	12 9	17 27	0 31	1 5	14 5	11 43	0 52
S 14	11 30	16 58	4 48	2 51	2 8	5 3	1 26	24 16	1 16	17 1	0 36	13 33	2 36	8 47	0 48	19 39	0 15	12 9	17 27	0 32	1 6	14 6	11 42	0 52
S 15	11 51	15 4	4 14	3 22	2 8	5 32	1 26	24 20	1 16	16 59	0 37	13 31	2 36	8 47	0 48	19 39	0 15	12 9	17 27	0 32	1 7	14 7	11 41	0 52
M16	12 12	12 23	3 27	3 55	2 7	6 2	1 25	24 23	1 16	16 57	0 37	13 30	2 36	8 48	0 48	19 39	0 15	12 10	17 27	0 32	1 8	14 9	11 40	0 52
T 17	12 32	8 58	2 27	4 29	2 6	6 31	1 24	24 27	1 17	16 56	0 37	13 29	2 36	8 48	0 48	19 39	0 15	12 10	17 27	0 31	1 10	14 10	11 39	0 52
W18	12 53	4 58	1 17	5 4	2 4	7 0	1 23	24 30	1 17	16 54	0 37	13 27	2 36	8 48	0 48	19 38	0 15	12 10	17 26	0 31	1 11	14 11	11 37	0 53
T 19	13 13	0 32	0 1	5 41	2 1	7 29	1 22	24 33	1 17	16 52	0 37	13 26	2 36	8 49	0 48	19 38	0 15	12 10	17 26	0 30	1 12	14 12	11 36	0 53
F 20	13 33	4s 3	1n18	6 19	1 58	7 58	1 21	24 35	1 17	16 50	0 38	13 24	2 36	8 49	0 48	19 38	0 15	12 11	17 26	0 31	1 14	14 13	11 35	0 53
S 21	13 53	8 29	2 34	6 57	1 54	8 26	1 20	24 38	1 17	16 49	0 38	13 23	2 36	8 49	0 48	19 38	0 15	12 11	17 26	0 32	1 15	14 15	11 34	0 53
S 22	14 13	12 26	3 39	7 36	1 49	8 55	1 19	24 40	1 17	16 47	0 38	13 21	2 36	8 50	0 48	19 38	0 15	12 11	17 26	0 33	1 16	14 16	11 33	0 53
M23	14 32	15 33	4 29	8 15	1 44	9 23	1 18	24 42	1 17	16 46	0 38	13 20	2 36	8 50	0 47	19 38	0 15	12 11	17 26	0 36	1 17	14 17	11 32	0 53
T 24	14 51	17 33	5 0	8 54	1 39	9 51	1 16	24 43	1 17	16 44	0 38	13 19	2 36	8 50	0 47	19 38	0 15	12 11	17 25	0 38	1 19	14 18	11 31	0 53
W25	15 10	18 20	5 9	9 34	1 34	10 19	1 15	24 45	1 18	16 43	0 39	13 17	2 36	8 51	0 47	19 38	0 15	12 12	17 25	0 41	1 20	14 19	11 30	0 53
T 26	15 29	17 53	4 59	10 13	1 28	10 46	1 13	24 46	1 18	16 41	0 39	13 16	2 36	8 51	0 47	19 38	0 15	12 12	17 25	0 43	1 21	14 21	11 28	0 53
F 27	15 47	16 21	4 31	10 52	1 22	11 14	1 12	24 46	1 18	16 40	0 39	13 14	2 36	8 51	0 47	19 38	0 14	12 12	17 25	0 44	1 22	14 22	11 27	0 53
S 28	16 5	13 56	3 49	11 31	1 16	11 41	1 11	24 47	1 18	16 39	0 39	13 13	2 35	8 51	0 47	19 38	0 14	12 12	17 25	0 45	1 24	14 23	11 26	0 53
S 29	16 23	10 52	2 55	12 9	1 10	12 8	1 9	24 47	1 18	16 37	0 39	13 11	2 35	8 51	0 47	19 38	0 14	12 12	17 24	0 44	1 25	14 24	11 25	0 54
M30	16 41	7 23	1 55	12 47	1 3	12 34	1 7	24 47	1 18	16 36	0 40	13 10	2 35	8 52	0 47	19 38	0 14	12 12	17 24	0 44	1 26	14 25	11 24	0 54
T 31	16s58	3s38	0n50	13s25	0n57	13s 0	1n 6	24s47	1s18	16n35	0n40	13n 9	2s35	8s52	0s47	19n38	0s14	12s13	17s24	0n43	1n27	14n26	11n23	0s54

Julian Day Number = 2300982.5, Delta T = 106.87 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'14, Lahiri = 18°06'15 Julian Calendar 1 Oct. 1587 == Greg. Calendar 11 Oct. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

NOVEMBER 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 17 58	18♏ 4'27	1♈ 7	9♏56	8♏45	2♑ 9	16♌30	12°R23	9°R12	1°R28	9°R29	28°R11	26♍17	23♉20	2°R 2	W 1
T 2	3 21 54	19° 4'58	13°10	11°32	10° 1	2°54	16°34	12♉18	9♓12	1♌27	9♈28	28♍10	26°14	23°27	1♉59	T 2
F 3	3 25 51	20° 5'29	25° 6	13° 8	11°16	3°40	16°38	12°13	9°11	1°27	9°27	28° 6	26°11	23°33	1°56	F 3
S 4	3 29 47	21° 6'03	6♉58	14°44	12°32	4°26	16°42	12° 8	9°11	1°27	9°26	28° 0	26° 8	23°40	1°54	S 4
S 5	3 33 44	22° 6'37	18°49	16°20	13°47	5°12	16°45	12° 3	9°11	1°27	9°26	27°52	26° 5	23°47	1°51	S 5
M 6	3 37 41	23° 7'14	0♊41	17°56	15° 2	5°58	16°49	11°59	9°11	1°26	9°25	27°41	26° 1	23°54	1°48	M 6
T 7	3 41 37	24° 7'51	12°34	19°31	16°18	6°44	16°52	11°54	9°11	1°26	9°24	27°30	25°58	24° 0	1°45	T 7
W 8	3 45 34	25° 8'30	24°30	21° 7	17°33	7°30	16°55	11°49	9°11	1°25	9°23	27°18	25°55	24° 7	1°42	W 8
T 9	3 49 30	26° 9'11	6♋31	22°42	18°49	8°16	16°58	11°45	9°D10	1°25	9°22	27° 8	25°52	24°14	1°40	T 9
F 10	3 53 27	27° 9'53	18°39	24°17	20° 4	9° 2	17° 1	11°40	9°10	1°24	9°22	26°59	25°49	24°20	1°37	F 10
S 11	3 57 23	28°10'37	0♌57	25°51	21°20	9°48	17° 4	11°35	9°11	1°24	9°21	26°53	25°46	24°27	1°34	S 11
S 12	4 1 20	29°11'23	13°29	27°26	22°35	10°34	17° 6	11°31	9°11	1°23	9°20	26°49	25°42	24°34	1°32	S 12
M13	4 5 16	0♐12'09	26°17	29° 1	23°51	11°20	17° 8	11°26	9°11	1°23	9°20	26°D48	25°39	24°40	1°29	M13
T 14	4 9 13	1°12'58	9♍26	0♐35	25° 6	12° 7	17°10	11°22	9°11	1°22	9°19	26°48	25°36	24°47	1°27	T 14
W15	4 13 10	2°13'48	23° 0	2°10	26°22	12°53	17°12	11°18	9°11	1°21	9°18	26°R49	25°33	24°54	1°24	W15
T 16	4 17 6	3°14'39	7♎ 0	3°44	27°37	13°39	17°14	11°13	9°12	1°21	9°18	26°48	25°30	25° 1	1°22	T 16
F 17	4 21 3	4°15'32	21°27	5°18	28°53	14°26	17°15	11° 9	9°12	1°20	9°17	26°46	25°26	25° 7	1°19	F 17
S 18	4 24 59	5°16'26	6♏19	6°52	0♐ 8	15°12	17°17	11° 5	9°13	1°19	9°17	26°41	25°23	25°14	1°17	S 18
S 19	4 28 56	6°17'22	21°29	8°27	1°24	15°59	17°18	11° 0	9°13	1°18	9°16	26°34	25°20	25°21	1°14	S 19
M20	4 32 52	7°18'18	6♐48	10° 1	2°39	16°45	17°19	10°56	9°14	1°18	9°15	26°24	25°17	25°27	1°12	M20
T 21	4 36 49	8°19'16	22° 5	11°35	3°55	17°32	17°19	10°52	9°14	1°17	9°15	26°13	25°14	25°34	1°10	T 21
W22	4 40 45	9°20'15	7♑ 7	13° 9	5°10	18°18	17°20	10°48	9°15	1°16	9°14	26° 2	25°11	25°41	1° 8	W22
T 23	4 44 42	10°21'14	21°47	14°43	6°26	19° 5	17°20	10°44	9°15	1°15	9°14	25°52	25° 7	25°47	1° 5	T 23
F 24	4 48 39	11°22'14	5♒58	16°17	7°41	19°52	17°R20	10°41	9°16	1°14	9°13	25°45	25° 4	25°54	1° 3	F 24
S 25	4 52 35	12°23'15	19°38	17°52	8°57	20°38	17°20	10°37	9°17	1°13	9°13	25°41	25° 1	26° 1	1° 1	S 25
S 26	4 56 32	13°24'16	2♓49	19°26	10°12	21°25	17°20	10°33	9°18	1°12	9°13	25°39	24°58	26° 8	0°59	S 26
M27	5 0 28	14°25'18	15°34	21° 0	11°28	22°12	17°19	10°29	9°19	1°11	9°12	25°D39	24°55	26°14	0°57	M27
T 28	5 4 25	15°26'21	27°58	22°35	12°43	22°59	17°19	10°26	9°20	1°10	9°12	25°R39	24°52	26°21	0°55	T 28
W29	5 8 21	16°27'23	10♈ 7	24° 9	13°59	23°46	17°18	10°22	9°21	1° 9	9°11	25°38	24°48	26°28	0°53	W29
T 30	5 12 18	17♐28'27	22♈ 5	25♐44	15♐14	24♑32	17♌17	10♉19	9♓22	1♌ 8	9♈11	25♍36	24♍45	26♉34	0♉51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s15	0n12	0s16	14s 2	0n50	13s26	1n 4	24s46	1s18	16n34	0n40	13n 7	2s35	8s52	0s47	19n38	0s14	12s13	17s24	0n43	1n29	14n28	11n22	0s54
T 2	17 32	3 59	1 20	14 38	0 44	13 52	1 2	24 45	1 18	16 33	0 40	13 6	2 35	8 52	0 47	19 39	0 14	12 13	17 23	0 44	1 30	14 29	11 21	0 54
F 3	17 48	7 34	2 20	15 14	0 37	14 17	1 1	24 44	1 18	16 32	0 41	13 4	2 35	8 52	0 47	19 39	0 14	12 13	17 23	0 45	1 31	14 30	11 20	0 54
S 4	18 4	10 50	3 13	15 49	0 30	14 42	0 59	24 43	1 18	16 31	0 41	13 3	2 35	8 52	0 47	19 39	0 14	12 13	17 23	0 48	1 32	14 31	11 19	0 54
S 5	18 20	13 39	3 57	16 23	0 23	15 6	0 57	24 41	1 18	16 30	0 41	13 2	2 35	8 52	0 47	19 39	0 14	12 13	17 23	0 51	1 34	14 32	11 18	0 54
M 6	18 36	15 54	4 32	16 57	0 16	15 30	0 55	24 39	1 18	16 29	0 41	13 0	2 35	8 52	0 47	19 39	0 14	12 13	17 22	0 55	1 35	14 33	11 17	0 54
T 7	18 51	17 29	4 54	17 30	0 9	15 54	0 53	24 37	1 18	16 28	0 41	12 59	2 35	8 52	0 47	19 39	0 14	12 13	17 22	1 0	1 36	14 35	11 16	0 54
W 8	19 5	18 19	5 4	18 2	0 3	16 17	0 51	24 35	1 18	16 28	0 42	12 58	2 35	8 52	0 47	19 39	0 14	12 13	17 22	1 4	1 38	14 36	11 15	0 54
T 9	19 20	18 20	5 0	18 33	0s 4	16 40	0 49	24 32	1 18	16 27	0 42	12 56	2 34	8 52	0 47	19 39	0 14	12 13	17 22	1 9	1 39	14 37	11 14	0 54
F 10	19 34	17 31	4 43	19 3	0 11	17 3	0 47	24 29	1 18	16 26	0 42	12 55	2 34	8 52	0 47	19 39	0 14	12 13	17 21	1 12	1 40	14 38	11 13	0 54
S 11	19 48	15 53	4 13	19 33	0 17	17 25	0 45	24 25	1 18	16 26	0 42	12 54	2 34	8 52	0 47	19 39	0 14	12 13	17 21	1 14	1 41	14 39	11 12	0 54
S 12	20 1	13 28	3 30	20 1	0 24	17 46	0 43	24 22	1 18	16 25	0 43	12 53	2 34	8 52	0 47	19 39	0 14	12 13	17 21	1 16	1 43	14 40	11 11	0 55
M13	20 14	10 21	2 35	20 29	0 30	18 7	0 41	24 18	1 18	16 25	0 43	12 51	2 34	8 52	0 47	19 40	0 14	12 13	17 21	1 16	1 44	14 42	11 10	0 55
T 14	20 27	6 38	1 31	20 55	0 37	18 28	0 38	24 14	1 18	16 24	0 43	12 50	2 34	8 52	0 47	19 40	0 14	12 13	17 20	1 16	1 45	14 43	11 9	0 55
W15	20 39	2 29	0 20	21 20	0 43	18 48	0 36	24 9	1 18	16 24	0 43	12 49	2 34	8 52	0 47	19 40	0 14	12 13	17 20	1 16	1 46	14 44	11 8	0 55
T 16	20 51	1s57	0n54	21 45	0 49	19 7	0 34	24 4	1 17	16 24	0 44	12 48	2 33	8 51	0 47	19 40	0 14	12 13	17 20	1 16	1 48	14 45	11 7	0 55
F 17	21 2	6 25	2 7	22 8	0 55	19 26	0 32	23 59	1 17	16 23	0 44	12 47	2 33	8 51	0 47	19 40	0 14	12 13	17 19	1 17	1 49	14 46	11 6	0 55
S 18	21 14	10 37	3 14	22 30	1 1	19 45	0 29	23 54	1 17	16 23	0 44	12 45	2 33	8 51	0 46	19 40	0 14	12 13	17 19	1 19	1 50	14 47	11 5	0 55
S 19	21 24	14 11	4 8	22 52	1 7	20 2	0 27	23 49	1 17	16 23	0 44	12 44	2 33	8 51	0 46	19 41	0 14	12 13	17 19	1 22	1 51	14 48	11 4	0 55
M20	21 35	16 49	4 45	23 12	1 12	20 20	0 25	23 43	1 17	16 23	0 45	12 43	2 33	8 51	0 46	19 41	0 14	12 13	17 18	1 26	1 53	14 50	11 3	0 55
T 21	21 44	18 15	5 1	23 30	1 18	20 36	0 23	23 37	1 17	16 23	0 45	12 42	2 33	8 50	0 46	19 41	0 14	12 13	17 18	1 31	1 54	14 51	11 3	0 55
W22	21 54	18 22	4 56	23 48	1 23	20 53	0 20	23 30	1 17	16 23	0 45	12 41	2 32	8 50	0 46	19 41	0 14	12 13	17 18	1 35	1 55	14 52	11 2	0 55
T 23	22 3	17 15	4 32	24 4	1 28	21 8	0 18	23 24	1 17	16 23	0 45	12 40	2 32	8 50	0 46	19 41	0 14	12 13	17 17	1 39	1 56	14 53	11 1	0 55
F 24	22 11	15 5	3 51	24 20	1 33	21 23	0 15	23 17	1 16	16 24	0 45	12 39	2 32	8 49	0 46	19 42	0 14	12 13	17 17	1 41	1 58	14 54	11 0	0 55
S 25	22 20	12 8	2 59	24 33	1 38	21 37	0 13	23 9	1 16	16 24	0 46	12 38	2 32	8 49	0 46	19 42	0 14	12 12	17 17	1 43	1 59	14 55	10 59	0 55
S 26	22 27	8 39	1 58	24 46	1 42	21 51	0 11	23 2	1 16	16 24	0 46	12 37	2 32	8 49	0 46	19 42	0 14	12 12	17 16	1 44	2 0	14 56	10 59	0 55
M27	22 35	4 53	0 53	24 57	1 46	22 4	0 8	22 54	1 16	16 25	0 46	12 36	2 31	8 48	0 46	19 42	0 14	12 12	17 16	1 44	2 2	14 57	10 58	0 55
T 28	22 42	1 0	0s12	25 7	1 50	22 16	0 6	22 46	1 16	16 25	0 46	12 35	2 31	8 48	0 46	19 42	0 14	12 12	17 16	1 44	2 3	14 59	10 57	0 55
W29	22 48	2n51	1 16	25 16	1 54	22 28	0 4	22 38	1 16	16 25	0 47	12 34	2 31	8 48	0 46	19 43	0 14	12 12	17 15	1 44	2 4	15 0	10 56	0 55
T 30	22s54	6n32	2s15	25s23	1s57	22s39	0n 1	22s30	1s15	16n26	0n47	12n34	2s31	8s47	0s46	19n43	0s14	12s12	17s15	1n45	2n 5	15n 1	10n56	0s56

Julian Day Number = 2301013.5, Delta T = 106.74 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'19, Lahiri = 18°06'19 Julian Calendar 1 Nov. 1587 == Greg. Calendar 11 Nov. 1587

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ASTRODIENST EPHEMERIS for the year 1587
geocentric

DECEMBER 1587 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 16 14	18♐29'30	3♉56	27♐18	16♐30	25♏19	17°R15	10°R16	9♓23	1°R 7	9°R11	25°R30	24♍42	26♉41	0°R50	F 1
S 2	5 20 11	19°30'34	15°46	28°53	17°45	26° 6	17♌14	10♉12	9°24	1♌ 5	9♈11	25♍22	24°39	26°48	0♉48	S 2
S 3	5 24 8	20°31'39	27°36	0♏28	19° 1	26°53	17°12	10° 9	9°25	1° 4	9°10	25°11	24°36	26°55	0°46	S 3
M 4	5 28 4	21°32'44	9♊30	2° 3	20°16	27°40	17°10	10° 6	9°26	1° 3	9°10	24°57	24°32	27° 1	0°44	M 4
T 5	5 32 1	22°33'50	21°28	3°37	21°32	28°27	17° 8	10° 3	9°28	1° 2	9°10	24°42	24°29	27° 8	0°43	T 5
W 6	5 35 57	23°34'56	3♋33	5°12	22°47	29°14	17° 6	10° 1	9°29	1° 1	9°10	24°27	24°26	27°15	0°41	W 6
T 7	5 39 54	24°36'03	15°44	6°47	24° 3	0♒ 1	17° 4	9°58	9°30	0°59	9° 9	24°13	24°23	27°21	0°40	T 7
F 8	5 43 50	25°37'10	28° 3	8°21	25°18	0°48	17° 1	9°55	9°32	0°58	9° 9	24° 2	24°20	27°28	0°38	F 8
S 9	5 47 47	26°38'18	10♌31	9°55	26°34	1°35	16°58	9°53	9°33	0°57	9° 9	23°53	24°17	27°35	0°37	S 9
S 10	5 51 44	27°39'26	23° 9	11°29	27°50	2°22	16°55	9°50	9°35	0°55	9° 9	23°47	24°13	27°42	0°36	S 10
M11	5 55 40	28°40'35	6♍ 1	13° 3	29° 5	3° 9	16°52	9°48	9°36	0°54	9° 9	23°44	24°10	27°48	0°34	M11
T 12	5 59 37	29°41'44	19° 9	14°36	0♏21	3°57	16°48	9°45	9°38	0°53	9° 9	23°44	24° 7	27°55	0°33	T 12
W13	6 3 33	0♏42'54	2♎36	16° 8	1°36	4°44	16°45	9°43	9°40	0°51	9° 9	23°44	24° 4	28° 2	0°32	W13
T 14	6 7 30	1°44'04	16°24	17°40	2°52	5°31	16°41	9°41	9°41	0°50	9°D 9	23°43	24° 1	28° 8	0°31	T 14
F 15	6 11 26	2°45'15	0♏35	19°10	4° 7	6°18	16°37	9°39	9°43	0°48	9° 9	23°41	23°58	28°15	0°30	F 15
S 16	6 15 23	3°46'26	15° 7	20°40	5°23	7° 5	16°33	9°37	9°45	0°47	9° 9	23°36	23°54	28°22	0°29	S 16
S 17	6 19 19	4°47'38	29°58	22° 7	6°38	7°52	16°29	9°36	9°47	0°45	9° 9	23°28	23°51	28°28	0°28	S 17
M18	6 23 16	5°48'50	15♐ 1	23°33	7°54	8°40	16°24	9°34	9°49	0°44	9° 9	23°18	23°48	28°35	0°27	M18
T 19	6 27 13	6°50'02	0♑ 6	24°57	9° 9	9°27	16°20	9°32	9°51	0°42	9° 9	23° 6	23°45	28°42	0°26	T 19
W20	6 31 9	7°51'14	15° 3	26°18	10°25	10°14	16°15	9°31	9°53	0°41	9° 9	22°55	23°42	28°49	0°26	W20
T 21	6 35 6	8°52'26	29°42	27°36	11°40	11° 1	16°10	9°30	9°55	0°39	9° 9	22°45	23°38	28°55	0°25	T 21
F 22	6 39 2	9°53'38	13♒57	28°50	12°56	11°48	16° 5	9°29	9°57	0°38	9°10	22°37	23°35	29° 2	0°24	F 22
S 23	6 42 59	10°54'49	27°44	29°59	14°11	12°36	15°59	9°27	9°59	0°36	9°10	22°32	23°32	29° 9	0°24	S 23
S 24	6 46 55	11°56'00	11♓ 2	1♒ 4	15°26	13°23	15°54	9°26	10° 1	0°35	9°10	22°29	23°29	29°15	0°23	S 24
M25	6 50 52	12°57'10	23°53	2° 3	16°42	14°10	15°48	9°26	10° 3	0°33	9°10	22°D29	23°26	29°22	0°23	M25
T 26	6 54 48	13°58'20	6♈22	2°55	17°57	14°57	15°43	9°25	10° 5	0°32	9°10	22°29	23°23	29°29	0°22	T 26
W27	6 58 45	14°59'29	18°33	3°39	19°13	15°45	15°37	9°24	10° 8	0°30	9°11	22°R29	23°19	29°36	0°22	W27
T 28	7 2 42	16° 0'37	0♉32	4°15	20°28	16°32	15°31	9°24	10°10	0°28	9°11	22°28	23°16	29°42	0°22	T 28
F 29	7 6 38	17° 1'45	12°23	4°42	21°44	17°19	15°25	9°23	10°12	0°27	9°11	22°24	23°13	29°49	0°22	F 29
S 30	7 10 35	18° 2'53	24°13	4°59	22°59	18° 7	15°18	9°23	10°15	0°25	9°12	22°19	23°10	29°56	0°22	S 30
S 31	7 14 31	19♑ 3'59	6♊ 5	5°R 4	24♑14	18♒54	15♌12	9♉23	10♓17	0♌23	9♈12	22♍10	23♍ 7	0♊ 2	0°D22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	9n55	3s 8	25s28	2s 0	22s49	0s 1	22s21	1s15	16n27	0n47	12n33	2s30	8s47	0s46	19n43	0s14	12s11	17s15	1n47	2n 7	15n 2	10n55	0s56
S 2	23 4	12 54	3 52	25 32	2 3	22 59	0 4	22 12	1 15	16 27	0 47	12 32	2 30	8 46	0 46	19 43	0 14	12 11	17 14	1 51	2 8	15 3	10 54	0 56
S 3	23 9	15 21	4 26	25 35	2 6	23 8	0 6	22 3	1 15	16 28	0 48	12 31	2 30	8 46	0 46	19 44	0 14	12 11	17 14	1 55	2 9	15 4	10 54	0 56
M 4	23 13	17 10	4 49	25 36	2 8	23 16	0 8	21 53	1 15	16 29	0 48	12 31	2 30	8 45	0 46	19 44	0 14	12 11	17 14	2 1	2 10	15 5	10 53	0 56
T 5	23 17	18 15	4 59	25 36	2 10	23 24	0 11	21 44	1 14	16 30	0 48	12 30	2 29	8 45	0 46	19 44	0 14	12 10	17 13	2 6	2 12	15 6	10 53	0 56
W 6	23 20	18 31	4 56	25 34	2 11	23 31	0 13	21 34	1 14	16 31	0 48	12 29	2 29	8 44	0 46	19 45	0 14	12 10	17 13	2 12	2 13	15 7	10 52	0 56
T 7	23 23	17 57	4 39	25 31	2 12	23 37	0 16	21 23	1 14	16 32	0 49	12 29	2 29	8 44	0 46	19 45	0 14	12 10	17 13	2 18	2 14	15 9	10 51	0 56
F 8	23 25	16 32	4 9	25 26	2 12	23 42	0 18	21 13	1 14	16 33	0 49	12 28	2 29	8 43	0 46	19 45	0 14	12 10	17 12	2 23	2 15	15 10	10 51	0 56
S 9	23 27	14 19	3 27	25 19	2 12	23 47	0 20	21 2	1 13	16 34	0 49	12 27	2 28	8 42	0 46	19 45	0 14	12 9	17 12	2 26	2 17	15 11	10 50	0 56
S 10	23 28	11 24	2 34	25 11	2 12	23 51	0 23	20 51	1 13	16 35	0 49	12 27	2 28	8 42	0 46	19 46	0 14	12 9	17 11	2 28	2 18	15 12	10 50	0 56
M11	23 29	7 54	1 32	25 1	2 11	23 54	0 25	20 40	1 13	16 36	0 50	12 26	2 28	8 41	0 46	19 46	0 14	12 9	17 11	2 29	2 19	15 13	10 49	0 56
T 12	23 29	3 56	0 24	24 50	2 9	23 57	0 27	20 29	1 12	16 37	0 50	12 26	2 28	8 41	0 46	19 46	0 14	12 9	17 11	2 30	2 20	15 14	10 49	0 56
W13	23 29	0s19	0n47	24 37	2 7	23 58	0 29	20 17	1 12	16 39	0 50	12 26	2 27	8 40	0 46	19 47	0 14	12 8	17 10	2 30	2 22	15 15	10 48	0 56
T 14	23 29	4 40	1 57	24 23	2 4	23 59	0 32	20 6	1 12	16 40	0 50	12 25	2 27	8 39	0 45	19 47	0 14	12 8	17 10	2 30	2 23	15 16	10 48	0 56
F 15	23 28	8 52	3 2	24 7	2 1	23 59	0 34	19 54	1 12	16 41	0 50	12 25	2 27	8 39	0 45	19 47	0 14	12 8	17 10	2 31	2 24	15 17	10 48	0 56
S 16	23 26	12 38	3 56	23 49	1 57	23 59	0 36	19 41	1 11	16 43	0 51	12 25	2 27	8 38	0 45	19 48	0 14	12 7	17 9	2 33	2 26	15 18	10 47	0 56
S 17	23 24	15 41	4 36	23 31	1 52	23 58	0 38	19 29	1 11	16 44	0 51	12 24	2 26	8 37	0 45	19 48	0 14	12 7	17 9	2 36	2 27	15 19	10 47	0 56
M18	23 22	17 43	4 58	23 10	1 46	23 56	0 40	19 16	1 11	16 46	0 51	12 24	2 26	8 36	0 45	19 48	0 14	12 6	17 9	2 40	2 28	15 21	10 47	0 56
T 19	23 19	18 31	4 59	22 49	1 40	23 53	0 42	19 3	1 10	16 48	0 51	12 24	2 26	8 36	0 45	19 49	0 14	12 6	17 8	2 45	2 29	15 22	10 46	0 56
W20	23 15	18 1	4 39	22 27	1 32	23 49	0 45	18 50	1 10	16 49	0 52	12 24	2 25	8 35	0 45	19 49	0 14	12 6	17 8	2 49	2 31	15 23	10 46	0 56
T 21	23 12	16 19	4 1	22 3	1 24	23 45	0 47	18 37	1 10	16 51	0 52	12 23	2 25	8 34	0 45	19 49	0 14	12 5	17 7	2 53	2 32	15 24	10 46	0 56
F 22	23 7	13 39	3 9	21 39	1 14	23 40	0 49	18 24	1 9	16 53	0 52	12 23	2 25	8 33	0 45	19 50	0 14	12 5	17 7	2 56	2 33	15 25	10 45	0 56
S 23	23 2	10 18	2 7	21 14	1 4	23 34	0 51	18 10	1 9	16 54	0 52	12 23	2 25	8 32	0 45	19 50	0 14	12 5	17 7	2 58	2 34	15 26	10 45	0 56
S 24	22 57	6 31	1 0	20 49	0 53	23 28	0 53	17 56	1 9	16 56	0 52	12 23	2 24	8 32	0 45	19 50	0 14	12 4	17 6	2 59	2 36	15 27	10 45	0 56
M25	22 51	2 33	0s 7	20 24	0 40	23 21	0 54	17 42	1 8	16 58	0 53	12 23	2 24	8 31	0 45	19 51	0 14	12 4	17 6	3 0	2 37	15 28	10 45	0 56
T 26	22 45	1n25	1 13	19 59	0 27	23 13	0 56	17 28	1 8	17 0	0 53	12 23	2 24	8 30	0 45	19 51	0 14	12 3	17 6	2 59	2 38	15 29	10 45	0 57
W27	22 39	5 13	2 14	19 35	0 12	23 4	0 58	17 13	1 7	17 2	0 53	12 23	2 23	8 29	0 45	19 51	0 14	12 3	17 5	2 59	2 39	15 30	10 45	0 57
T 28	22 32	8 45	3 8	19 11	0n 3	22 55	1 0	16 59	1 7	17 4	0 53	12 23	2 23	8 28	0 45	19 52	0 14	12 2	17 5	3 0	2 41	15 31	10 44	0 57
F 29	22 24	11 53	3 53	18 49	0 20	22 45	1 2	16 44	1 7	17 6	0 54	12 24	2 23	8 27	0 45	19 52	0 14	12 2	17 4	3 1	2 42	15 32	10 44	0 57
S 30	22 16	14 32	4 28	18 28	0 37	22 34	1 3	16 29	1 6	17 8	0 54	12 24	2 22	8 26	0 45	19 52	0 14	12 1	17 4	3 3	2 43	15 33	10 44	0 57
S 31	22s 8	16n35	4s52	18s 9	0n55	22s23	1s 5	16s14	1s 6	17n10	0n54	12n24	2s22	8s25	0s45	19n53	0s14	12s 1	17s 4	3n 7	2n44	15n34	10n44	0s57

Julian Day Number = 2301043.5, Delta T = 106.60 sec
Ecliptic obliquity = 23°29'24, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'23, Lahiri = 18°06'23 Julian Calendar 1 Dec. 1587 == Greg. Calendar 11 Dec. 1587

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1588
geocentric

JANUARY 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 18 28	20♑ 5'06	18♊ 2	4°R59	25♑30	19♒41	15°R 5	9°D23	10♓20	0°R22	9♈12	21°R59	23♍ 4	0♊ 9	0♉22	M 1
T 2	7 22 24	21° 6'11	0♋ 7	4♒41	26°45	20°28	14♎59	9♉23	10°22	0♎20	9°13	21♍48	23° 0	0°16	0°22	T 2
W 3	7 26 21	22° 7'16	12°21	4°12	28° 1	21°15	14°52	9°23	10°25	0°18	9°13	21°36	22°57	0°23	0°22	W 3
T 4	7 30 17	23° 8'20	24°45	3°31	29°16	22° 3	14°45	9°23	10°27	0°17	9°14	21°24	22°54	0°29	0°22	T 4
F 5	7 34 14	24° 9'23	7♎20	2°41	0♒31	22°50	14°38	9°23	10°30	0°15	9°14	21°15	22°51	0°36	0°22	F 5
S 6	7 38 11	25°10'26	20° 6	1°41	1°47	23°37	14°31	9°24	10°32	0°13	9°15	21° 8	22°48	0°43	0°23	S 6
S 7	7 42 7	26°11'28	3♍ 2	0°33	3° 2	24°24	14°24	9°24	10°35	0°12	9°15	21° 4	22°44	0°49	0°23	S 7
M 8	7 46 4	27°12'30	16°10	29♑21	4°17	25°12	14°16	9°25	10°38	0°10	9°16	21°D 2	22°41	0°56	0°23	M 8
T 9	7 50 0	28°13'30	29°29	28° 5	5°33	25°59	14° 9	9°26	10°40	0° 8	9°16	21° 3	22°38	1° 3	0°24	T 9
W10	7 53 57	29°14'31	13♎ 2	26°48	6°48	26°46	14° 2	9°27	10°43	0° 7	9°17	21° 4	22°35	1°10	0°25	W10
T 11	7 57 53	0♒15'31	26°49	25°33	8° 3	27°33	13°54	9°28	10°46	0° 5	9°18	21°R 4	22°32	1°16	0°25	T 11
F 12	8 1 50	1°16'30	10♏51	24°22	9°19	28°20	13°47	9°29	10°49	0° 3	9°18	21° 4	22°29	1°23	0°26	F 12
S 13	8 5 46	2°17'29	25° 6	23°16	10°34	29° 7	13°39	9°30	10°52	0° 2	9°19	21° 2	22°25	1°30	0°27	S 13
S 14	8 9 43	3°18'27	9♐34	22°16	11°49	29°55	13°31	9°32	10°54	29♋59	9°20	20°57	22°22	1°36	0°28	S 14
M15	8 13 40	4°19'24	24°10	21°24	13° 4	0♓42	13°23	9°33	10°57	29°58	9°20	20°51	22°19	1°43	0°28	M15
T 16	8 17 36	5°20'21	8♑49	20°40	14°20	1°29	13°16	9°35	11° 0	29°56	9°21	20°44	22°16	1°50	0°29	T 16
W17	8 21 33	6°21'17	23°22	20° 5	15°35	2°16	13° 8	9°37	11° 3	29°55	9°22	20°36	22°13	1°57	0°30	W17
T 18	8 25 29	7°22'11	7♒43	19°39	16°50	3° 3	13° 0	9°38	11° 6	29°53	9°22	20°30	22°10	2° 3	0°31	T 18
F 19	8 29 26	8°23'05	21°47	19°21	18° 5	3°50	12°52	9°40	11° 9	29°51	9°23	20°25	22° 6	2°10	0°33	F 19
S 20	8 33 22	9°23'57	5♓28	19°11	19°20	4°37	12°44	9°42	11°12	29°50	9°24	20°21	22° 3	2°17	0°34	S 20
S 21	8 37 19	10°24'48	18°46	19°D 9	20°36	5°24	12°36	9°44	11°15	29°48	9°25	20°D20	22° 0	2°23	0°35	S 21
M22	8 41 15	11°25'37	1♈39	19°15	21°51	6°11	12°28	9°47	11°18	29°46	9°26	20°21	21°57	2°30	0°36	M22
T 23	8 45 12	12°26'25	14°12	19°27	23° 6	6°58	12°20	9°49	11°22	29°45	9°27	20°22	21°54	2°37	0°38	T 23
W24	8 49 9	13°27'12	26°27	19°46	24°21	7°45	12°12	9°52	11°25	29°43	9°27	20°24	21°50	2°44	0°39	W24
T 25	8 53 5	14°27'56	8♉30	20°11	25°36	8°32	12° 4	9°54	11°28	29°42	9°28	20°25	21°47	2°50	0°41	T 25
F 26	8 57 2	15°28'40	20°24	20°41	26°51	9°19	11°56	9°57	11°31	29°40	9°29	20°R25	21°44	2°57	0°42	F 26
S 27	9 0 58	16°29'21	2♊15	21°16	28° 6	10° 6	11°48	10° 0	11°34	29°38	9°30	20°24	21°41	3° 4	0°44	S 27
S 28	9 4 55	17°30'02	14° 9	21°56	29°21	10°53	11°40	10° 2	11°37	29°37	9°31	20°21	21°38	3°10	0°45	S 28
M29	9 8 51	18°30'40	26° 8	22°40	0♓36	11°40	11°32	10° 5	11°41	29°35	9°32	20°17	21°35	3°17	0°47	M29
T 30	9 12 48	19°31'17	8♋17	23°27	1°51	12°27	11°25	10° 9	11°44	29°34	9°33	20°12	21°31	3°24	0°49	T 30
W31	9 16 44	20♒31'52	20♋39	24♑19	3♓ 6	13♓13	11♎17	10♉12	11♓47	29♋32	9♈34	20♍ 6	21♍28	3♊31	0♉51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s59	17n56	5s 2	17s52	1n14	22s11	1s 7	15s59	1s 5	17n12	0n54	12n24	2s22	8s24	0s45	19n53	0s14	12s 0	17s 3	3n11	2n46	15n35	10n44	0s57
T 2	21 50	18 29	5 0	17 38	1 32	21 58	1 8	15 43	1 5	17 14	0 54	12 25	2 22	8 23	0 45	19 54	0 14	12 0	17 3	3 16	2 47	15 36	10 44	0 57
W 3	21 40	18 12	4 44	17 27	1 51	21 44	1 10	15 28	1 5	17 17	0 54	12 25	2 21	8 22	0 45	19 54	0 14	11 59	17 3	3 20	2 48	15 37	10 44	0 57
T 4	21 30	17 3	4 14	17 19	2 9	21 30	1 11	15 12	1 4	17 19	0 55	12 25	2 21	8 21	0 45	19 54	0 14	11 59	17 2	3 25	2 49	15 38	10 44	0 57
F 5	21 20	15 4	3 32	17 14	2 26	21 16	1 13	14 56	1 4	17 21	0 55	12 26	2 21	8 20	0 45	19 55	0 14	11 58	17 2	3 29	2 51	15 39	10 44	0 57
S 6	21 9	12 19	2 38	17 11	2 42	21 0	1 14	14 40	1 3	17 23	0 55	12 26	2 20	8 19	0 45	19 55	0 14	11 58	17 2	3 31	2 52	15 40	10 44	0 57
S 7	20 57	8 56	1 35	17 12	2 57	20 44	1 15	14 24	1 3	17 26	0 55	12 27	2 20	8 18	0 45	19 55	0 14	11 57	17 1	3 33	2 53	15 42	10 45	0 57
M 8	20 46	5 4	0 26	17 15	3 9	20 28	1 16	14 8	1 2	17 28	0 55	12 27	2 20	8 17	0 45	19 56	0 14	11 57	17 1	3 34	2 54	15 43	10 45	0 57
T 9	20 34	0 54	0n45	17 20	3 19	20 11	1 18	13 51	1 2	17 30	0 56	12 28	2 19	8 16	0 45	19 56	0 14	11 56	17 1	3 33	2 56	15 44	10 45	0 57
W10	20 21	3s23	1 55	17 27	3 27	19 53	1 19	13 35	1 1	17 33	0 56	12 28	2 19	8 15	0 45	19 57	0 14	11 56	17 0	3 33	2 57	15 45	10 45	0 57
T 11	20 8	7 33	3 0	17 36	3 32	19 35	1 20	13 18	1 1	17 35	0 56	12 29	2 19	8 14	0 45	19 57	0 14	11 55	17 0	3 33	2 58	15 46	10 45	0 57
F 12	19 55	11 23	3 55	17 46	3 35	19 16	1 21	13 1	1 0	17 37	0 56	12 29	2 19	8 13	0 45	19 57	0 14	11 55	17 0	3 33	2 59	15 47	10 45	0 57
S 13	19 41	14 36	4 37	17 57	3 35	18 56	1 22	12 44	1 0	17 40	0 56	12 30	2 18	8 12	0 45	19 58	0 14	11 54	16 59	3 34	3 1	15 48	10 46	0 57
S 14	19 27	16 58	5 2	18 8	3 33	18 36	1 23	12 27	1 0	17 42	0 56	12 31	2 18	8 11	0 45	19 58	0 14	11 54	16 59	3 36	3 2	15 49	10 46	0 57
M15	19 13	18 15	5 7	18 20	3 29	18 16	1 24	12 10	0 59	17 44	0 56	12 32	2 18	8 10	0 45	19 58	0 14	11 53	16 59	3 38	3 3	15 50	10 46	0 57
T 16	18 58	18 20	4 53	18 32	3 24	17 55	1 24	11 53	0 59	17 47	0 57	12 32	2 17	8 8	0 45	19 59	0 14	11 52	16 58	3 41	3 5	15 51	10 47	0 57
W17	18 43	17 12	4 19	18 44	3 17	17 33	1 25	11 36	0 58	17 49	0 57	12 33	2 17	8 7	0 44	19 59	0 14	11 52	16 58	3 44	3 6	15 52	10 47	0 57
T 18	18 28	15 0	3 30	18 56	3 8	17 11	1 26	11 18	0 58	17 51	0 57	12 34	2 17	8 6	0 44	19 59	0 14	11 51	16 58	3 46	3 7	15 53	10 47	0 57
F 19	18 12	11 56	2 29	19 8	2 59	16 49	1 26	11 0	0 57	17 54	0 57	12 35	2 16	8 5	0 44	20 0	0 14	11 51	16 57	3 48	3 8	15 54	10 48	0 57
S 20	17 56	8 17	1 20	19 19	2 49	16 26	1 27	10 43	0 57	17 56	0 57	12 36	2 16	8 4	0 44	20 0	0 14	11 50	16 57	3 50	3 10	15 55	10 48	0 57
S 21	17 40	4 19	0 9	19 30	2 39	16 2	1 27	10 25	0 56	17 59	0 57	12 37	2 16	8 3	0 44	20 1	0 14	11 49	16 57	3 50	3 11	15 56	10 48	0 57
M22	17 23	0 17	1s 1	19 40	2 27	15 38	1 28	10 7	0 56	18 1	0 57	12 38	2 16	8 1	0 44	20 1	0 14	11 49	16 56	3 50	3 12	15 57	10 49	0 57
T 23	17 6	3n40	2 6	19 50	2 16	15 14	1 28	9 49	0 55	18 3	0 57	12 39	2 15	8 0	0 44	20 1	0 14	11 48	16 56	3 49	3 13	15 58	10 49	0 57
W24	16 49	7 22	3 4	19 59	2 5	14 49	1 28	9 31	0 54	18 6	0 58	12 40	2 15	7 59	0 44	20 2	0 14	11 48	16 56	3 49	3 15	15 59	10 50	0 57
T 25	16 32	10 42	3 52	20 7	1 53	14 24	1 29	9 13	0 54	18 8	0 58	12 41	2 15	7 58	0 44	20 2	0 14	11 47	16 55	3 48	3 16	16 0	10 50	0 57
F 26	16 14	13 32	4 30	20 14	1 41	13 59	1 29	8 55	0 53	18 10	0 58	12 42	2 14	7 57	0 44	20 2	0 14	11 46	16 55	3 48	3 17	16 1	10 51	0 57
S 27	15 56	15 49	4 57	20 20	1 30	13 33	1 29	8 37	0 53	18 13	0 58	12 43	2 14	7 55	0 44	20 3	0 14	11 46	16 55	3 49	3 18	16 2	10 51	0 57
S 28	15 37	17 25	5 10	20 25	1 18	13 6	1 29	8 18	0 52	18 15	0 58	12 44	2 14	7 54	0 44	20 3	0 14	11 45	16 55	3 50	3 20	16 3	10 52	0 57
M29	15 19	18 16	5 10	20 29	1 7	12 40	1 29	8 0	0 52	18 17	0 58	12 46	2 14	7 53	0 44	20 3	0 14	11 45	16 54	3 52	3 21	16 4	10 52	0 58
T 30	15 0	18 18	4 57	20 32	0 56	12 13	1 29	7 42	0 51	18 20	0 58	12 47	2 13	7 52	0 44	20 4	0 14	11 44	16 54	3 54	3 22	16 5	10 53	0 58
W31	14s41	17n28	4s29	20s34	0n45	11s46	1s28	7s23	0s51	18n22	0n58	12n48	2s13	7s50	0s44	20n 4	0s14	11s43	16s54	3n56	3n23	16n 5	10n54	0s58

Julian Day Number = 2301074.5, Delta T = 106.47 sec
Ecliptic obliquity = 23°29'24, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'27, Lahiri = 18°06'27 Julian Calendar 1 Jan. 1588 == Greg. Calendar 11 Jan. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

FEBRUARY 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 20 41	21♒32'25	3♌15	25♉13	4♓21	14♓ 0	11°R 9	10♉15	11♓50	29°R30	9♈35	20°R 1	21♍25	3♊37	0♉53	T 1
F 2	9 24 38	22°32'57	16° 6	26°11	5°36	14°47	11♌ 1	10°18	11°54	29♋29	9°36	19♍57	21°22	3°44	0°55	F 2
S 3	9 28 34	23°33'27	29°12	27°11	6°51	15°34	10°54	10°22	11°57	29°27	9°37	19°54	21°19	3°51	0°57	S 3
S 4	9 32 31	24°33'56	12♍32	28°14	8° 6	16°20	10°46	10°25	12° 0	29°26	9°38	19°53	21°16	3°57	0°59	S 4
M 5	9 36 27	25°34'23	26° 5	29°19	9°21	17° 7	10°39	10°29	12° 4	29°24	9°39	19°D53	21°12	4° 4	1° 1	M 5
T 6	9 40 24	26°34'49	9♎48	0♒27	10°36	17°54	10°31	10°33	12° 7	29°23	9°40	19°54	21° 9	4°11	1° 3	T 6
W 7	9 44 20	27°35'13	23°41	1°36	11°51	18°40	10°24	10°37	12°10	29°21	9°41	19°55	21° 6	4°18	1° 5	W 7
T 8	9 48 17	28°35'36	7♏41	2°48	13° 5	19°27	10°17	10°41	12°14	29°20	9°43	19°56	21° 3	4°24	1° 7	T 8
F 9	9 52 13	29°35'57	21°48	4° 1	14°20	20°13	10° 9	10°45	12°17	29°19	9°44	19°57	21° 0	4°31	1°10	F 9
S 10	9 56 10	0♓36'17	5♐59	5°16	15°35	21° 0	10° 2	10°49	12°20	29°17	9°45	19°R57	20°56	4°38	1°12	S 10
S 11	10 0 7	1°36'36	20°12	6°33	16°50	21°46	9°55	10°53	12°24	29°16	9°46	19°57	20°53	4°44	1°14	S 11
M12	10 4 3	2°36'53	4♉25	7°52	18° 4	22°33	9°49	10°57	12°27	29°14	9°47	19°55	20°50	4°51	1°17	M12
T 13	10 8 0	3°37'09	18°35	9°12	19°19	23°19	9°42	11° 2	12°31	29°13	9°48	19°53	20°47	4°58	1°19	T 13
W14	10 11 56	4°37'23	2♒38	10°33	20°34	24° 5	9°35	11° 6	12°34	29°12	9°50	19°51	20°44	5° 5	1°22	W14
T 15	10 15 53	5°37'36	16°31	11°56	21°48	24°52	9°29	11°11	12°37	29°10	9°51	19°49	20°41	5°11	1°24	T 15
F 16	10 19 49	6°37'46	0♓10	13°20	23° 3	25°38	9°22	11°16	12°41	29° 9	9°52	19°47	20°37	5°18	1°27	F 16
S 17	10 23 46	7°37'55	13°33	14°45	24°18	26°24	9°16	11°20	12°44	29° 8	9°53	19°D47	20°34	5°25	1°30	S 17
S 18	10 27 42	8°38'02	26°38	16°12	25°32	27°11	9°10	11°25	12°48	29° 7	9°55	19°47	20°31	5°32	1°33	S 18
M19	10 31 39	9°38'07	9♈26	17°39	26°47	27°57	9° 4	11°30	12°51	29° 5	9°56	19°47	20°28	5°38	1°35	M19
T 20	10 35 35	10°38'10	21°56	19° 9	28° 1	28°43	8°58	11°35	12°54	29° 4	9°57	19°48	20°25	5°45	1°38	T 20
W21	10 39 32	11°38'11	4♉12	20°39	29°16	29°29	8°52	11°40	12°58	29° 3	9°58	19°49	20°21	5°52	1°41	W21
T 22	10 43 29	12°38'10	16°16	22°10	0♈30	0♈15	8°46	11°45	13° 1	29° 2	10° 0	19°50	20°18	5°58	1°44	T 22
F 23	10 47 25	13°38'06	28°12	23°43	1°45	1° 1	8°41	11°51	13° 5	29° 1	10° 1	19°50	20°15	6° 5	1°47	F 23
S 24	10 51 22	14°38'01	10♊ 5	25°17	2°59	1°47	8°36	11°56	13° 8	29° 0	10° 2	19°R51	20°12	6°12	1°50	S 24
S 25	10 55 18	15°37'53	21°58	26°52	4°13	2°33	8°31	12° 1	13°12	28°59	10° 4	19°51	20° 9	6°19	1°53	S 25
M26	10 59 15	16°37'43	3♋58	28°28	5°28	3°19	8°26	12° 7	13°15	28°58	10° 5	19°51	20° 6	6°25	1°56	M26
T 27	11 3 11	17°37'31	16° 8	0♓ 6	6°42	4° 5	8°21	12°12	13°19	28°57	10° 6	19°50	20° 2	6°32	1°59	T 27
W28	11 7 8	18°37'17	28°32	1°44	7°56	4°51	8°16	12°18	13°22	28°56	10° 8	19°50	19°59	6°39	2° 2	W28
T 29	11 11 4	19♓37'00	11♌14	3♓24	9♈10	5♈36	8♌12	12♉23	13♓25	28♋55	10♈ 9	19°D50	19♍56	6♊45	2♉ 5	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	15n46	3s48	20s35	0n34	11s18	1s28	7s 5	0s50	18n24	0n58	12n49	2s13	7s49	0s44	20n 4	0s14	11s43	16s53	3n58	3n25	16n 6	10n54	0s58
F 2	14 2	13 16	2 55	20 34	0 24	10 50	1 28	6 46	0 50	18 26	0 58	12 51	2 12	7 48	0 44	20 5	0 14	11 42	16 53	3 59	3 26	16 7	10 55	0 58
S 3	13 42	10 2	1 51	20 33	0 13	10 22	1 27	6 27	0 49	18 28	0 58	12 52	2 12	7 47	0 44	20 5	0 14	11 41	16 53	4 0	3 27	16 8	10 56	0 58
S 4	13 22	6 15	0 40	20 30	0 4	9 54	1 27	6 9	0 48	18 30	0 58	12 53	2 12	7 45	0 44	20 5	0 14	11 41	16 53	4 1	3 28	16 9	10 56	0 58
M 5	13 1	2 5	0n34	20 26	0s 6	9 25	1 27	5 50	0 48	18 33	0 59	12 55	2 12	7 44	0 44	20 6	0 14	11 40	16 52	4 1	3 30	16 10	10 57	0 58
T 6	12 41	2s15	1 47	20 21	0 15	8 56	1 26	5 31	0 47	18 35	0 59	12 56	2 11	7 43	0 44	20 6	0 14	11 39	16 52	4 1	3 31	16 11	10 58	0 58
W 7	12 20	6 30	2 55	20 14	0 24	8 27	1 25	5 12	0 47	18 37	0 59	12 58	2 11	7 41	0 44	20 6	0 14	11 39	16 52	4 0	3 32	16 12	10 58	0 58
T 8	11 59	10 25	3 54	20 7	0 33	7 58	1 25	4 54	0 46	18 39	0 59	12 59	2 11	7 40	0 44	20 7	0 14	11 38	16 52	4 0	3 33	16 13	10 59	0 58
F 9	11 38	13 46	4 38	19 58	0 41	7 28	1 24	4 35	0 45	18 41	0 59	13 1	2 11	7 39	0 44	20 7	0 14	11 37	16 51	3 59	3 35	16 14	11 0	0 58
S 10	11 17	16 19	5 6	19 47	0 49	6 58	1 23	4 16	0 45	18 43	0 59	13 2	2 10	7 38	0 44	20 7	0 14	11 37	16 51	3 59	3 36	16 15	11 1	0 58
S 11	10 55	17 53	5 15	19 36	0 57	6 28	1 22	3 57	0 44	18 45	0 59	13 4	2 10	7 36	0 44	20 8	0 14	11 36	16 51	3 59	3 37	16 16	11 1	0 58
M12	10 34	18 20	5 5	19 23	1 5	5 58	1 21	3 38	0 44	18 46	0 59	13 5	2 10	7 35	0 44	20 8	0 14	11 36	16 51	4 0	3 38	16 17	11 2	0 58
T 13	10 12	17 38	4 37	19 9	1 12	5 28	1 20	3 19	0 43	18 48	0 59	13 7	2 10	7 34	0 44	20 8	0 14	11 35	16 51	4 1	3 40	16 18	11 3	0 58
W14	9 50	15 51	3 52	18 53	1 18	4 57	1 19	3 0	0 43	18 50	0 59	13 9	2 9	7 32	0 44	20 9	0 14	11 34	16 50	4 2	3 41	16 19	11 4	0 58
T 15	9 28	13 9	2 54	18 36	1 25	4 27	1 18	2 41	0 42	18 52	0 59	13 10	2 9	7 31	0 44	20 9	0 14	11 34	16 50	4 3	3 42	16 20	11 5	0 58
F 16	9 6	9 47	1 46	18 18	1 31	3 56	1 17	2 22	0 41	18 54	0 59	13 12	2 9	7 30	0 44	20 9	0 13	11 33	16 50	4 3	3 43	16 21	11 6	0 58
S 17	8 43	5 57	0 34	17 59	1 36	3 25	1 15	2 3	0 41	18 55	0 59	13 14	2 9	7 28	0 44	20 9	0 13	11 32	16 50	4 3	3 45	16 22	11 7	0 58
S 18	8 21	1 55	0s38	17 38	1 41	2 54	1 14	1 44	0 40	18 57	0 59	13 15	2 8	7 27	0 44	20 10	0 13	11 32	16 50	4 3	3 46	16 23	11 8	0 58
M19	7 58	2n 7	1 47	17 16	1 46	2 23	1 12	1 25	0 39	18 59	0 59	13 17	2 8	7 26	0 44	20 10	0 13	11 31	16 49	4 3	3 47	16 23	11 8	0 58
T 20	7 36	5 57	2 49	16 52	1 51	1 52	1 11	1 6	0 39	19 0	0 59	13 19	2 8	7 24	0 44	20 10	0 13	11 30	16 49	4 3	3 48	16 24	11 9	0 58
W21	7 13	9 28	3 42	16 27	1 55	1 21	1 9	0 47	0 38	19 2	0 59	13 21	2 8	7 23	0 44	20 10	0 13	11 30	16 49	4 2	3 50	16 25	11 10	0 58
T 22	6 50	12 31	4 24	16 1	1 59	0 50	1 8	0 28	0 38	19 3	0 59	13 22	2 7	7 22	0 44	20 11	0 13	11 29	16 49	4 2	3 51	16 26	11 11	0 58
F 23	6 27	15 0	4 55	15 34	2 2	0 19	1 6	0 10	0 37	19 4	0 59	13 24	2 7	7 20	0 44	20 11	0 13	11 28	16 49	4 2	3 52	16 27	11 12	0 58
S 24	6 4	16 51	5 13	15 5	2 5	0n12	1 5	0n 9	0 36	19 6	0 59	13 26	2 7	7 19	0 44	20 11	0 13	11 28	16 49	4 2	3 53	16 28	11 13	0 58
S 25	5 41	17 58	5 17	14 35	2 8	0 43	1 3	0 28	0 36	19 7	0 59	13 28	2 7	7 18	0 44	20 11	0 13	11 27	16 48	4 2	3 55	16 29	11 14	0 58
M26	5 17	18 18	5 8	14 3	2 10	1 14	1 1	0 47	0 35	19 8	0 59	13 30	2 6	7 16	0 44	20 12	0 13	11 26	16 48	4 2	3 56	16 30	11 15	0 59
T 27	4 54	17 48	4 45	13 31	2 11	1 46	0 59	1 6	0 35	19 10	0 59	13 32	2 6	7 15	0 44	20 12	0 13	11 26	16 48	4 2	3 57	16 31	11 16	0 59
W28	4 31	16 27	4 8	12 57	2 13	2 17	0 57	1 25	0 34	19 11	0 59	13 34	2 6	7 14	0 44	20 12	0 13	11 25	16 48	4 2	3 58	16 32	11 17	0 59
T 29	4s 7	14n16	3s18	12s21	2s14	2n48	0s55	1n43	0s33	19n12	0n59	13n35	2s 6	7s12	0s44	20n12	0s13	11s24	16s48	4n 2	4n 0	16n33	11n18	0s59

Julian Day Number = 2301105.5, Delta T = 106.33 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'31, Lahiri = 18°06'32 Julian Calendar 1 Feb. 1588 == Greg. Calendar 11 Feb. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

MARCH 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 15 1	20♓36'41	24♌15	5♓ 5	10♈25	6♈22	8°R 7	12♉29	13♓29	28°R54	10♈10	19♍50	19♍53	6♊52	2♉ 9	F 1
S 2	11 18 58	21°36'20	7♍37	6°48	11°39	7° 8	8♌ 3	12°35	13°32	28♋53	10°12	19°50	19°50	6°59	2°12	S 2
S 3	11 22 54	22°35'57	21°18	8°31	12°53	7°54	7°59	12°41	13°36	28°52	10°13	19°R50	19°47	7° 6	2°15	S 3
M 4	11 26 51	23°35'31	5♎17	10°16	14° 7	8°39	7°55	12°47	13°39	28°51	10°14	19°50	19°43	7°12	2°18	M 4
T 5	11 30 47	24°35'04	19°29	12° 2	15°21	9°25	7°52	12°53	13°42	28°50	10°16	19°50	19°40	7°19	2°22	T 5
W 6	11 34 44	25°34'35	3♏51	13°49	16°35	10°10	7°48	12°59	13°46	28°50	10°17	19°49	19°37	7°26	2°25	W 6
T 7	11 38 40	26°34'04	18°16	15°38	17°49	10°56	7°45	13° 5	13°49	28°49	10°19	19°48	19°34	7°32	2°29	T 7
F 8	11 42 37	27°33'32	2♐41	17°27	19° 3	11°41	7°42	13°11	13°53	28°48	10°20	19°48	19°31	7°39	2°32	F 8
S 9	11 46 33	28°32'57	17° 1	19°19	20°17	12°26	7°39	13°17	13°56	28°47	10°21	19°47	19°27	7°46	2°35	S 9
S 10	11 50 30	29°32'21	1♑13	21°11	21°30	13°12	7°36	13°24	13°59	28°47	10°23	19°D47	19°24	7°53	2°39	S 10
M11	11 54 27	0♈31'43	15°15	23° 5	22°44	13°57	7°34	13°30	14° 3	28°46	10°24	19°47	19°21	7°59	2°42	M11
T 12	11 58 23	1°31'04	29° 5	25° 0	23°58	14°42	7°32	13°36	14° 6	28°46	10°26	19°48	19°18	8° 6	2°46	T 12
W13	12 2 20	2°30'22	12♒43	26°56	25°12	15°28	7°29	13°43	14° 9	28°45	10°27	19°49	19°15	8°13	2°50	W13
T 14	12 6 16	3°29'39	26° 8	28°54	26°25	16°13	7°27	13°49	14°13	28°44	10°28	19°50	19°12	8°19	2°53	T 14
F 15	12 10 13	4°28'53	9♓21	0♈53	27°39	16°58	7°26	13°56	14°16	28°44	10°30	19°51	19° 8	8°26	2°57	F 15
S 16	12 14 9	5°28'06	22°20	2°53	28°53	17°43	7°24	14° 3	14°19	28°43	10°31	19°R51	19° 5	8°33	3° 1	S 16
S 17	12 18 6	6°27'17	5♈ 6	4°54	0♉ 6	18°28	7°23	14° 9	14°22	28°43	10°33	19°51	19° 2	8°40	3° 4	S 17
M18	12 22 2	7°26'26	17°40	6°56	1°20	19°13	7°21	14°16	14°26	28°43	10°34	19°49	18°59	8°46	3° 8	M18
T 19	12 25 59	8°25'32	0♉ 2	8°59	2°33	19°58	7°20	14°23	14°29	28°42	10°36	19°47	18°56	8°53	3°12	T 19
W20	12 29 55	9°24'37	12°12	11° 3	3°47	20°43	7°20	14°30	14°32	28°42	10°37	19°44	18°52	9° 0	3°15	W20
T 21	12 33 52	10°23'39	24°14	13° 7	5° 0	21°28	7°19	14°36	14°35	28°42	10°39	19°40	18°49	9° 7	3°19	T 21
F 22	12 37 49	11°22'39	6♊10	15°12	6°14	22°12	7°18	14°43	14°38	28°41	10°40	19°37	18°46	9°13	3°23	F 22
S 23	12 41 45	12°21'37	18° 2	17°17	7°27	22°57	7°18	14°50	14°42	28°41	10°41	19°34	18°43	9°20	3°27	S 23
S 24	12 45 42	13°20'33	29°55	19°22	8°40	23°42	7°D18	14°57	14°45	28°41	10°43	19°33	18°40	9°27	3°31	S 24
M25	12 49 38	14°19'26	11♋53	21°27	9°53	24°26	7°18	15° 4	14°48	28°41	10°44	19°D32	18°37	9°33	3°35	M25
T 26	12 53 35	15°18'17	24° 1	23°31	11° 7	25°11	7°18	15°11	14°51	28°41	10°46	19°32	18°33	9°40	3°38	T 26
W27	12 57 31	16°17'06	6♌23	25°35	12°20	25°55	7°19	15°19	14°54	28°40	10°47	19°33	18°30	9°47	3°42	W27
T 28	13 1 28	17°15'52	19° 4	27°37	13°33	26°40	7°20	15°26	14°57	28°40	10°49	19°35	18°27	9°54	3°46	T 28
F 29	13 5 24	18°14'37	2♍ 7	29°37	14°46	27°24	7°20	15°33	15° 0	28°40	10°50	19°36	18°24	10° 0	3°50	F 29
S 30	13 9 21	19°13'18	15°35	1♉36	15°59	28° 9	7°22	15°40	15° 3	28°D40	10°51	19°R37	18°21	10° 7	3°54	S 30
S 31	13 13 18	20♈11'58	29♍28	3♉33	17♉12	28♈53	7♌23	15♉47	15♓ 6	28♋40	10♈53	19♍37	18♍18	10♊14	3♉58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s44	11n18	2s17	11s44	2s14	3n19	0s53	2n 2	0s33	19n13	0n59	13n37	2s 6	7s11	0s44	20n12	0s13	11s24	16s48	4n 2	4n 1	16n34	11n20	0s59
S 2	3 20	7 41	1 7	11 6	2 14	3 50	0 51	2 21	0 32	19 14	0 59	13 39	2 5	7 10	0 44	20 13	0 13	11 23	16 48	4 2	4 2	16 34	11 21	0 59
S 3	2 57	3 35	0n 8	10 27	2 13	4 21	0 49	2 39	0 31	19 15	0 59	13 41	2 5	7 9	0 44	20 13	0 13	11 23	16 47	4 2	4 3	16 35	11 22	0 59
M 4	2 33	0s49	1 25	9 47	2 12	4 51	0 47	2 58	0 31	19 16	0 59	13 43	2 5	7 7	0 44	20 13	0 13	11 22	16 47	4 2	4 5	16 36	11 23	0 59
T 5	2 9	5 13	2 37	9 5	2 11	5 22	0 45	3 17	0 30	19 17	0 58	13 45	2 5	7 6	0 44	20 13	0 13	11 21	16 47	4 2	4 6	16 37	11 24	0 59
W 6	1 46	9 22	3 41	8 22	2 9	5 53	0 42	3 35	0 29	19 18	0 58	13 47	2 5	7 5	0 44	20 13	0 13	11 21	16 47	4 2	4 7	16 38	11 25	0 59
T 7	1 22	12 58	4 30	7 37	2 7	6 23	0 40	3 54	0 29	19 19	0 58	13 49	2 4	7 3	0 44	20 14	0 13	11 20	16 47	4 3	4 8	16 39	11 26	0 59
F 8	0 58	15 47	5 3	6 52	2 4	6 53	0 38	4 12	0 28	19 19	0 58	13 51	2 4	7 2	0 44	20 14	0 13	11 19	16 47	4 3	4 10	16 40	11 27	0 59
S 9	0 35	17 36	5 16	6 5	2 0	7 24	0 35	4 30	0 28	19 20	0 58	13 53	2 4	7 1	0 44	20 14	0 13	11 19	16 47	4 3	4 11	16 41	11 28	0 59
S 10	0 11	18 19	5 11	5 17	1 56	7 53	0 33	4 49	0 27	19 21	0 58	13 56	2 4	6 59	0 44	20 14	0 13	11 18	16 47	4 3	4 12	16 41	11 30	0 59
M11	0n13	17 53	4 46	4 28	1 52	8 23	0 31	5 7	0 26	19 21	0 58	13 58	2 4	6 58	0 44	20 14	0 13	11 18	16 47	4 3	4 13	16 42	11 31	0 59
T 12	0 36	16 23	4 5	3 38	1 47	8 53	0 28	5 25	0 26	19 22	0 58	14 0	2 3	6 57	0 44	20 14	0 13	11 17	16 47	4 3	4 15	16 43	11 32	0 59
W13	1 0	13 58	3 11	2 46	1 41	9 22	0 26	5 43	0 25	19 22	0 58	14 2	2 3	6 56	0 44	20 15	0 13	11 16	16 47	4 2	4 16	16 44	11 33	0 59
T 14	1 24	10 50	2 8	1 54	1 35	9 52	0 23	6 1	0 24	19 23	0 58	14 4	2 3	6 54	0 44	20 15	0 13	11 16	16 47	4 2	4 17	16 45	11 34	0 59
F 15	1 47	7 11	0 58	1 0	1 29	10 20	0 21	6 19	0 24	19 23	0 58	14 6	2 3	6 53	0 44	20 15	0 13	11 15	16 47	4 2	4 18	16 46	11 35	0 59
S 16	2 11	3 16	0s14	0 6	1 22	10 49	0 18	6 37	0 23	19 24	0 58	14 8	2 3	6 52	0 44	20 15	0 13	11 15	16 47	4 2	4 20	16 47	11 37	0 59
S 17	2 34	0n46	1 23	0n49	1 14	11 18	0 15	6 55	0 22	19 24	0 58	14 10	2 2	6 51	0 44	20 15	0 13	11 14	16 46	4 2	4 21	16 48	11 38	0 59
M18	2 58	4 40	2 28	1 45	1 6	11 46	0 13	7 12	0 22	19 24	0 58	14 12	2 2	6 49	0 44	20 15	0 13	11 14	16 46	4 2	4 22	16 48	11 39	1 0
T 19	3 21	8 19	3 24	2 41	0 57	12 14	0 10	7 30	0 21	19 24	0 58	14 15	2 2	6 48	0 44	20 15	0 13	11 13	16 46	4 3	4 23	16 49	11 40	1 0
W20	3 44	11 34	4 10	3 38	0 48	12 41	0 7	7 47	0 20	19 24	0 58	14 17	2 2	6 47	0 44	20 15	0 13	11 12	16 46	4 5	4 25	16 50	11 41	1 0
T 21	4 7	14 17	4 44	4 35	0 39	13 9	0 4	8 5	0 20	19 25	0 57	14 19	2 2	6 46	0 44	20 15	0 13	11 12	16 46	4 6	4 26	16 51	11 43	1 0
F 22	4 31	16 22	5 6	5 33	0 29	13 36	0 2	8 22	0 19	19 25	0 57	14 21	2 2	6 44	0 44	20 15	0 13	11 11	16 46	4 7	4 27	16 52	11 44	1 0
S 23	4 54	17 44	5 14	6 31	0 19	14 3	0n 1	8 39	0 18	19 25	0 57	14 23	2 2	6 43	0 44	20 15	0 13	11 11	16 46	4 8	4 28	16 53	11 45	1 0
S 24	5 17	18 20	5 9	7 28	0 8	14 29	0 4	8 57	0 18	19 24	0 57	14 25	2 1	6 42	0 44	20 16	0 13	11 10	16 46	4 9	4 30	16 53	11 46	1 0
M25	5 40	18 8	4 51	8 25	0n 3	14 55	0 7	9 14	0 17	19 24	0 57	14 28	2 1	6 41	0 44	20 16	0 13	11 10	16 46	4 9	4 31	16 54	11 48	1 0
T 26	6 2	17 6	4 19	9 22	0 14	15 21	0 9	9 31	0 17	19 24	0 57	14 30	2 1	6 40	0 44	20 16	0 13	11 9	16 46	4 9	4 32	16 55	11 49	1 0
W27	6 25	15 14	3 35	10 18	0 25	15 46	0 12	9 47	0 16	19 24	0 57	14 32	2 1	6 39	0 44	20 16	0 13	11 9	16 46	4 9	4 33	16 56	11 50	1 0
T 28	6 48	12 36	2 40	11 12	0 36	16 11	0 15	10 4	0 15	19 24	0 57	14 34	2 1	6 37	0 44	20 16	0 13	11 8	16 47	4 8	4 35	16 57	11 51	1 0
F 29	7 10	9 16	1 35	12 6	0 47	16 35	0 18	10 21	0 15	19 23	0 57	14 36	2 1	6 36	0 44	20 16	0 13	11 8	16 47	4 7	4 36	16 58	11 53	1 0
S 30	7 32	5 21	0 22	12 58	0 58	16 59	0 21	10 37	0 14	19 23	0 57	14 39	2 0	6 35	0 44	20 16	0 13	11 7	16 47	4 7	4 37	16 58	11 54	1 0
S 31	7n55	1n 2	0n54	13n48	1n 9	17n23	0n24	10n54	0s13	19n23	0n57	14n41	2s 0	6s34	0s44	20n16	0s13	11s 7	16s47	4n 7	4n38	16n59	11n55	1s 0

Julian Day Number = 2301134.5, Delta T = 106.20 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'35, Lahiri = 18°06'36 Julian Calendar 1 March 1588 == Greg. Calendar 11 March 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

APRIL 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 17 14	21♈10'36	13♎45	5♉26	18♉25	29♈37	7♌24	15♉55	15♓ 9	28♋40	10♈54	19°R35	18♍14	10♊20	4♉ 2	M 1
T 2	13 21 11	22° 9'12	28°21	7°17	19°38	0♉21	7°26	16° 2	15°12	28°40	10°56	19♍32	18°11	10°27	4° 6	T 2
W 3	13 25 7	23° 7'45	13♏10	9° 5	20°50	1° 6	7°28	16° 9	15°15	28°41	10°57	19°28	18° 8	10°34	4°10	W 3
T 4	13 29 4	24° 6'18	28° 3	10°50	22° 3	1°50	7°30	16°17	15°18	28°41	10°58	19°23	18° 5	10°41	4°14	T 4
F 5	13 33 0	25° 4'48	12♐53	12°30	23°16	2°34	7°32	16°24	15°20	28°41	11° 0	19°18	18° 2	10°47	4°18	F 5
S 6	13 36 57	26° 3'17	27°32	14° 7	24°28	3°18	7°34	16°32	15°23	28°41	11° 1	19°14	17°58	10°54	4°22	S 6
S 7	13 40 53	27° 1'44	11♑54	15°40	25°41	4° 2	7°36	16°39	15°26	28°41	11° 3	19°11	17°55	11° 1	4°26	S 7
M 8	13 44 50	28° 0'09	25°57	17° 8	26°53	4°46	7°39	16°47	15°29	28°42	11° 4	19°D10	17°52	11° 8	4°30	M 8
T 9	13 48 47	28°58'33	9♒41	18°32	28° 6	5°30	7°42	16°54	15°31	28°42	11° 5	19°10	17°49	11°14	4°34	T 9
W10	13 52 43	29°56'55	23° 5	19°52	29°18	6°13	7°45	17° 2	15°34	28°42	11° 7	19°12	17°46	11°21	4°38	W10
T 11	13 56 40	0♉55'16	6♓12	21° 7	0♊31	6°57	7°48	17° 9	15°37	28°43	11° 8	19°13	17°43	11°28	4°42	T 11
F 12	14 0 36	1°53'35	19° 3	22°17	1°43	7°41	7°52	17°17	15°39	28°43	11°10	19°R14	17°39	11°34	4°46	F 12
S 13	14 4 33	2°51'53	1♈42	23°22	2°55	8°25	7°55	17°24	15°42	28°44	11°11	19°13	17°36	11°41	4°50	S 13
S 14	14 8 29	3°50'08	14°10	24°23	4° 8	9° 8	7°59	17°32	15°45	28°44	11°12	19°10	17°33	11°48	4°54	S 14
M15	14 12 26	4°48'23	26°28	25°19	5°20	9°52	8° 3	17°40	15°47	28°45	11°14	19° 5	17°30	11°55	4°58	M15
T 16	14 16 22	5°46'35	8♉38	26° 9	6°32	10°35	8° 7	17°47	15°50	28°45	11°15	18°58	17°27	12° 1	5° 2	T 16
W17	14 20 19	6°44'46	20°41	26°54	7°44	11°19	8°11	17°55	15°52	28°46	11°16	18°50	17°24	12° 8	5° 6	W17
T 18	14 24 15	7°42'55	2♊38	27°35	8°56	12° 2	8°15	18° 3	15°55	28°46	11°18	18°40	17°20	12°15	5°10	T 18
F 19	14 28 12	8°41'02	14°32	28°10	10° 8	12°45	8°20	18°10	15°57	28°47	11°19	18°31	17°17	12°21	5°15	F 19
S 20	14 32 9	9°39'07	26°23	28°40	11°20	13°29	8°25	18°18	15°59	28°48	11°20	18°23	17°14	12°28	5°19	S 20
S 21	14 36 5	10°37'11	8♋16	29° 4	12°32	14°12	8°29	18°26	16° 2	28°48	11°21	18°16	17°11	12°35	5°23	S 21
M22	14 40 2	11°35'12	20°12	29°24	13°43	14°55	8°34	18°34	16° 4	28°49	11°23	18°11	17° 8	12°42	5°27	M22
T 23	14 43 58	12°33'12	2♌18	29°38	14°55	15°38	8°40	18°41	16° 6	28°50	11°24	18° 9	17° 4	12°48	5°31	T 23
W24	14 47 55	13°31'10	14°36	29°47	16° 7	16°22	8°45	18°49	16° 8	28°51	11°25	18°D 8	17° 1	12°55	5°35	W24
T 25	14 51 51	14°29'06	27°13	29°R51	17°18	17° 5	8°50	18°57	16°11	28°51	11°27	18° 9	16°58	13° 2	5°39	T 25
F 26	14 55 48	15°27'00	10♍12	29°50	18°30	17°48	8°56	19° 5	16°13	28°52	11°28	18°10	16°55	13° 9	5°43	F 26
S 27	14 59 44	16°24'52	23°38	29°44	19°41	18°30	9° 2	19°12	16°15	28°53	11°29	18°R10	16°52	13°15	5°47	S 27
S 28	15 3 41	17°22'43	7♎32	29°33	20°53	19°13	9° 8	19°20	16°17	28°54	11°30	18° 8	16°49	13°22	5°51	S 28
M29	15 7 38	18°20'32	21°54	29°18	22° 4	19°56	9°14	19°28	16°19	28°55	11°31	18° 5	16°45	13°29	5°55	M29
T 30	15 11 34	19♉18'19	6♏41	28♉59	23♊15	20♉39	9♌20	19♉36	16♓21	28♋56	11♈33	17♍58	16♍42	13♊35	5♉59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n17	3s28	2n 8	14n37	1n20	17n46	0n26	11n10	0s13	19n22	0n57	14n43	2s 0	6s33	0s44	20n16	0s13	11s 6	16s47	4n 8	4n40	17n 0	11n57	1s 0
T 2	8 39	7 52	3 16	15 24	1 30	18 9	0 29	11 26	0 12	19 22	0 57	14 45	2 0	6 32	0 44	20 16	0 13	11 6	16 47	4 9	4 41	17 1	11 58	1 1
W 3	9 0	11 50	4 11	16 8	1 40	18 31	0 32	11 42	0 11	19 21	0 56	14 47	2 0	6 31	0 45	20 16	0 13	11 5	16 47	4 11	4 42	17 2	11 59	1 1
T 4	9 22	15 3	4 50	16 50	1 50	18 53	0 35	11 58	0 11	19 21	0 56	14 50	2 0	6 30	0 45	20 16	0 13	11 5	16 47	4 13	4 43	17 3	12 0	1 1
F 5	9 44	17 17	5 9	17 30	1 58	19 14	0 38	12 14	0 10	19 20	0 56	14 52	2 0	6 28	0 45	20 16	0 13	11 4	16 47	4 15	4 45	17 3	12 2	1 1
S 6	10 5	18 20	5 8	18 7	2 7	19 35	0 41	12 30	0 9	19 19	0 56	14 54	2 0	6 27	0 45	20 16	0 13	11 4	16 47	4 16	4 46	17 4	12 3	1 1
S 7	10 26	18 11	4 47	18 42	2 14	19 55	0 43	12 45	0 9	19 19	0 56	14 56	2 0	6 26	0 45	20 16	0 13	11 3	16 47	4 17	4 47	17 5	12 4	1 1
M 8	10 47	16 55	4 9	19 14	2 21	20 15	0 46	13 1	0 8	19 18	0 56	14 59	1 59	6 25	0 45	20 16	0 13	11 3	16 47	4 18	4 48	17 6	12 5	1 1
T 9	11 8	14 41	3 18	19 44	2 27	20 35	0 49	13 16	0 7	19 17	0 56	15 1	1 59	6 24	0 45	20 16	0 13	11 2	16 47	4 18	4 50	17 7	12 7	1 1
W10	11 29	11 42	2 17	20 11	2 32	20 53	0 52	13 31	0 7	19 16	0 56	15 3	1 59	6 23	0 45	20 16	0 13	11 2	16 47	4 17	4 51	17 7	12 8	1 1
T 11	11 49	8 10	1 10	20 35	2 36	21 11	0 55	13 46	0 6	19 15	0 56	15 5	1 59	6 22	0 45	20 15	0 13	11 2	16 48	4 17	4 52	17 8	12 9	1 1
F 12	12 9	4 20	0 1	20 57	2 40	21 29	0 57	14 1	0 5	19 14	0 56	15 7	1 59	6 21	0 45	20 15	0 12	11 1	16 48	4 16	4 53	17 9	12 11	1 1
S 13	12 30	0 21	1s 7	21 16	2 42	21 46	1 0	14 16	0 5	19 13	0 56	15 10	1 59	6 20	0 45	20 15	0 12	11 1	16 48	4 17	4 55	17 10	12 12	1 1
S 14	12 49	3n35	2 11	21 33	2 43	22 3	1 3	14 30	0 4	19 12	0 56	15 12	1 59	6 19	0 45	20 15	0 12	11 0	16 48	4 18	4 56	17 11	12 13	1 1
M15	13 9	7 19	3 7	21 47	2 44	22 19	1 5	14 45	0 4	19 11	0 55	15 14	1 59	6 18	0 45	20 15	0 12	11 0	16 48	4 20	4 57	17 11	12 14	1 2
T 16	13 29	10 42	3 55	21 58	2 43	22 34	1 8	14 59	0 3	19 10	0 55	15 16	1 59	6 17	0 45	20 15	0 12	11 0	16 48	4 22	4 58	17 12	12 16	1 2
W17	13 48	13 37	4 31	22 7	2 41	22 48	1 11	15 13	0 2	19 9	0 55	15 19	1 59	6 16	0 45	20 15	0 12	10 59	16 48	4 26	4 59	17 13	12 17	1 2
T 18	14 7	15 55	4 55	22 14	2 39	23 2	1 13	15 27	0 2	19 8	0 55	15 21	1 58	6 15	0 45	20 15	0 12	10 59	16 49	4 29	5 1	17 14	12 18	1 2
F 19	14 26	17 32	5 6	22 18	2 35	23 16	1 16	15 41	0 1	19 6	0 55	15 23	1 58	6 15	0 45	20 15	0 12	10 59	16 49	4 33	5 2	17 14	12 20	1 2
S 20	14 44	18 23	5 3	22 20	2 30	23 29	1 18	15 55	0 0	19 5	0 55	15 25	1 58	6 14	0 45	20 15	0 12	10 58	16 49	4 36	5 3	17 15	12 21	1 2
S 21	15 2	18 26	4 48	22 19	2 23	23 41	1 21	16 8	0n 0	19 4	0 55	15 27	1 58	6 13	0 45	20 15	0 12	10 58	16 49	4 39	5 4	17 16	12 22	1 2
M22	15 20	17 41	4 20	22 17	2 16	23 52	1 23	16 22	0 1	19 2	0 55	15 30	1 58	6 12	0 45	20 14	0 12	10 58	16 49	4 41	5 6	17 17	12 23	1 2
T 23	15 38	16 7	3 40	22 11	2 7	24 3	1 26	16 35	0 2	19 1	0 55	15 32	1 58	6 11	0 45	20 14	0 12	10 57	16 49	4 42	5 7	17 17	12 25	1 2
W24	15 56	13 47	2 50	22 4	1 58	24 13	1 28	16 48	0 2	18 59	0 55	15 34	1 58	6 10	0 45	20 14	0 12	10 57	16 50	4 42	5 8	17 18	12 26	1 2
T 25	16 13	10 45	1 50	21 54	1 47	24 23	1 30	17 1	0 3	18 58	0 55	15 36	1 58	6 9	0 45	20 14	0 12	10 57	16 50	4 42	5 9	17 19	12 27	1 2
F 26	16 30	7 6	0 43	21 42	1 35	24 32	1 32	17 14	0 3	18 56	0 55	15 38	1 58	6 9	0 45	20 14	0 12	10 56	16 50	4 41	5 11	17 20	12 28	1 2
S 27	16 47	2 59	0n29	21 29	1 22	24 40	1 35	17 26	0 4	18 55	0 54	15 40	1 58	6 8	0 45	20 14	0 12	10 56	16 50	4 41	5 12	17 20	12 30	1 3
S 28	17 3	1s26	1 42	21 13	1 9	24 47	1 37	17 39	0 5	18 53	0 54	15 43	1 58	6 7	0 45	20 13	0 12	10 56	16 50	4 42	5 13	17 21	12 31	1 3
M29	17 20	5 55	2 50	20 55	0 54	24 54	1 39	17 51	0 5	18 51	0 54	15 45	1 58	6 6	0 45	20 13	0 12	10 55	16 51	4 43	5 14	17 22	12 32	1 3
T 30	17n35	10s10	3n49	20n36	0n39	25n 0	1n41	18n 3	0n 6	18n50	0n54	15n47	1s58	6s 6	0s45	20n13	0s12	10s55	16s51	4n46	5n16	17n23	12n33	1s 3

Julian Day Number = 2301165.5, Delta T = 106.07 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'39, Lahiri = 18°06'40 Julian Calendar 1 Apr. 1588 == Greg. Calendar 11 Apr. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

MAY 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 15 31	20♉16'05	21♏46	28°R37	24♊26	21♉22	9♌26	19♉43	16♓23	28♋57	11♈34	17°R50	16♍39	13♊42	6♉ 3	W 1
T 2	15 19 27	21°13'49	7♐ 0	28♉11	25°37	22° 4	9°33	19°51	16°25	28°58	11°35	17♍41	16°36	13°49	6° 7	T 2
F 3	15 23 24	22°11'32	22°11	27°42	26°48	22°47	9°40	19°59	16°27	28°59	11°36	17°32	16°33	13°56	6°11	F 3
S 4	15 27 20	23° 9'14	7♑ 9	27°11	27°59	23°30	9°46	20° 7	16°28	29° 0	11°37	17°24	16°29	14° 2	6°15	S 4
S 5	15 31 17	24° 6'55	21°47	26°38	29°10	24°12	9°53	20°15	16°30	29° 1	11°38	17°18	16°26	14° 9	6°18	S 5
M 6	15 35 13	25° 4'35	6♒ 0	26° 5	0♋21	24°55	10° 0	20°22	16°32	29° 3	11°39	17°15	16°23	14°16	6°22	M 6
T 7	15 39 10	26° 2'14	19°47	25°30	1°32	25°37	10° 7	20°30	16°34	29° 4	11°40	17°13	16°20	14°23	6°26	T 7
W 8	15 43 7	26°59'52	3♓ 9	24°56	2°42	26°19	10°15	20°38	16°35	29° 5	11°42	17°D13	16°17	14°29	6°30	W 8
T 9	15 47 3	27°57'28	16° 8	24°22	3°53	27° 2	10°22	20°46	16°37	29° 6	11°43	17°R14	16°14	14°36	6°34	T 9
F 10	15 51 0	28°55'04	28°49	23°50	5° 3	27°44	10°30	20°53	16°38	29° 8	11°44	17°13	16°10	14°43	6°38	F 10
S 11	15 54 56	29°52'39	11♈15	23°19	6°14	28°26	10°37	21° 1	16°40	29° 9	11°45	17°11	16° 7	14°49	6°42	S 11
S 12	15 58 53	0♊50'13	23°30	22°51	7°24	29° 9	10°45	21° 9	16°41	29°10	11°46	17° 6	16° 4	14°56	6°45	S 12
M13	16 2 49	1°47'46	5♉36	22°25	8°34	29°51	10°53	21°16	16°43	29°12	11°47	16°58	16° 1	15° 3	6°49	M13
T 14	16 6 46	2°45'18	17°37	22° 3	9°45	0♊33	11° 1	21°24	16°44	29°13	11°48	16°48	15°58	15°10	6°53	T 14
W15	16 10 42	3°42'49	29°33	21°44	10°55	1°15	11° 9	21°32	16°46	29°14	11°49	16°35	15°55	15°16	6°57	W15
T 16	16 14 39	4°40'19	11♊26	21°29	12° 5	1°57	11°18	21°40	16°47	29°16	11°50	16°22	15°51	15°23	7° 0	T 16
F 17	16 18 36	5°37'48	23°18	21°17	13°15	2°39	11°26	21°47	16°48	29°17	11°51	16° 8	15°48	15°30	7° 4	F 17
S 18	16 22 32	6°35'16	5♋10	21°10	14°24	3°21	11°35	21°55	16°49	29°19	11°51	15°56	15°45	15°36	7° 8	S 18
S 19	16 26 29	7°32'43	17° 4	21°D 7	15°34	4° 3	11°43	22° 2	16°50	29°20	11°52	15°45	15°42	15°43	7°11	S 19
M20	16 30 25	8°30'08	29° 2	21° 9	16°44	4°44	11°52	22°10	16°52	29°22	11°53	15°38	15°39	15°50	7°15	M20
T 21	16 34 22	9°27'33	11♌ 9	21°15	17°53	5°26	12° 1	22°18	16°53	29°23	11°54	15°33	15°35	15°57	7°19	T 21
W22	16 38 18	10°24'56	23°27	21°26	19° 3	6° 8	12°10	22°25	16°54	29°25	11°55	15°30	15°32	16° 3	7°22	W22
T 23	16 42 15	11°22'19	6♍ 1	21°41	20°12	6°49	12°19	22°33	16°55	29°26	11°56	15°29	15°29	16°10	7°26	T 23
F 24	16 46 11	12°19'40	18°56	22° 1	21°21	7°31	12°28	22°40	16°56	29°28	11°57	15°29	15°26	16°17	7°29	F 24
S 25	16 50 8	13°17'00	2♎15	22°25	22°30	8°13	12°37	22°48	16°56	29°30	11°57	15°29	15°23	16°24	7°33	S 25
S 26	16 54 5	14°14'19	16° 3	22°53	23°39	8°54	12°47	22°55	16°57	29°31	11°58	15°27	15°20	16°30	7°36	S 26
M27	16 58 1	15°11'37	0♏19	23°26	24°48	9°36	12°56	23° 2	16°58	29°33	11°59	15°22	15°16	16°37	7°40	M27
T 28	17 1 58	16° 8'54	15° 3	24° 3	25°57	10°17	13° 6	23°10	16°59	29°35	12° 0	15°15	15°13	16°44	7°43	T 28
W29	17 5 54	17° 6'11	0♐ 9	24°44	27° 6	10°58	13°15	23°17	16°59	29°36	12° 0	15° 6	15°10	16°50	7°46	W29
T 30	17 9 51	18° 3'27	15°27	25°29	28°14	11°40	13°25	23°25	17° 0	29°38	12° 1	14°55	15° 7	16°57	7°50	T 30
F 31	17 13 47	19♊ 0'42	0♑47	26♉18	29♋23	12♊21	13♌35	23♉32	17♓ 1	29♋40	12♈ 2	14♍45	15♍ 4	17♊ 4	7♉53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n51	13s51	4n33	20n15	0n22	25n 5	1n43	18n15	0n 7	18n48	0n54	15n49	1s58	6s 5	0s45	20n13	0s12	10s55	16s51	4n49	5n17	17n23	12n34	1s 3
T 2	18 6	16 37	4 58	19 53	0 6	25 10	1 45	18 27	0 7	18 46	0 54	15 51	1 58	6 4	0 45	20 13	0 12	10 55	16 51	4 53	5 18	17 24	12 36	1 3
F 3	18 21	18 14	5 2	19 30	0s11	25 14	1 47	18 38	0 8	18 44	0 54	15 53	1 58	6 3	0 45	20 12	0 12	10 54	16 51	4 56	5 19	17 25	12 37	1 3
S 4	18 36	18 32	4 46	19 6	0 29	25 17	1 48	18 49	0 8	18 42	0 54	15 55	1 58	6 3	0 45	20 12	0 12	10 54	16 52	4 59	5 21	17 26	12 38	1 3
S 5	18 50	17 36	4 11	18 42	0 46	25 19	1 50	19 1	0 9	18 40	0 54	15 57	1 58	6 2	0 45	20 12	0 12	10 54	16 52	5 2	5 22	17 26	12 39	1 3
M 6	19 5	15 34	3 21	18 17	1 4	25 21	1 52	19 12	0 10	18 38	0 54	15 59	1 57	6 1	0 45	20 12	0 12	10 54	16 52	5 3	5 23	17 27	12 40	1 3
T 7	19 18	12 41	2 20	17 52	1 21	25 22	1 53	19 22	0 10	18 36	0 54	16 2	1 57	6 1	0 45	20 12	0 12	10 54	16 52	5 3	5 24	17 28	12 42	1 4
W 8	19 32	9 13	1 14	17 27	1 38	25 23	1 55	19 33	0 11	18 34	0 54	16 4	1 57	6 0	0 46	20 11	0 12	10 53	16 53	5 3	5 25	17 29	12 43	1 4
T 9	19 45	5 23	0 6	17 3	1 55	25 22	1 56	19 43	0 12	18 32	0 54	16 6	1 57	6 0	0 46	20 11	0 12	10 53	16 53	5 3	5 27	17 29	12 44	1 4
F 10	19 58	1 24	1s 1	16 40	2 10	25 21	1 58	19 54	0 12	18 30	0 53	16 8	1 57	5 59	0 46	20 11	0 12	10 53	16 53	5 4	5 28	17 30	12 45	1 4
S 11	20 10	2n34	2 4	16 18	2 25	25 20	1 59	20 4	0 13	18 28	0 53	16 10	1 57	5 58	0 46	20 11	0 12	10 53	16 53	5 4	5 29	17 31	12 46	1 4
S 12	20 22	6 22	3 0	15 57	2 39	25 17	2 0	20 14	0 13	18 26	0 53	16 12	1 57	5 58	0 46	20 10	0 12	10 53	16 54	5 6	5 30	17 31	12 47	1 4
M13	20 34	9 51	3 46	15 38	2 52	25 14	2 1	20 23	0 14	18 24	0 53	16 14	1 57	5 57	0 46	20 10	0 12	10 53	16 54	5 9	5 32	17 32	12 49	1 4
T 14	20 45	12 55	4 23	15 21	3 4	25 10	2 3	20 33	0 15	18 21	0 53	16 16	1 57	5 57	0 46	20 10	0 12	10 53	16 54	5 13	5 33	17 33	12 50	1 4
W15	20 56	15 25	4 47	15 5	3 15	25 6	2 3	20 42	0 15	18 19	0 53	16 18	1 57	5 56	0 46	20 10	0 12	10 52	16 54	5 18	5 34	17 34	12 51	1 4
T 16	21 7	17 16	4 59	14 52	3 25	25 0	2 4	20 51	0 16	18 17	0 53	16 20	1 57	5 56	0 46	20 9	0 12	10 52	16 55	5 24	5 35	17 34	12 52	1 5
F 17	21 17	18 22	4 58	14 41	3 34	24 54	2 5	21 0	0 16	18 14	0 53	16 22	1 57	5 56	0 46	20 9	0 12	10 52	16 55	5 29	5 37	17 35	12 53	1 5
S 18	21 27	18 40	4 44	14 32	3 41	24 48	2 6	21 9	0 17	18 12	0 53	16 24	1 57	5 55	0 46	20 9	0 12	10 52	16 55	5 34	5 38	17 36	12 54	1 5
S 19	21 37	18 9	4 17	14 25	3 47	24 41	2 7	21 17	0 18	18 9	0 53	16 26	1 57	5 55	0 46	20 8	0 12	10 52	16 56	5 38	5 39	17 36	12 55	1 5
M20	21 46	16 49	3 39	14 21	3 52	24 33	2 7	21 26	0 18	18 7	0 53	16 28	1 57	5 54	0 46	20 8	0 12	10 52	16 56	5 41	5 40	17 37	12 56	1 5
T 21	21 55	14 44	2 51	14 19	3 56	24 24	2 8	21 34	0 19	18 4	0 53	16 29	1 57	5 54	0 46	20 8	0 12	10 52	16 56	5 43	5 42	17 38	12 57	1 5
W22	22 3	11 56	1 54	14 19	3 59	24 15	2 8	21 42	0 19	18 2	0 53	16 31	1 57	5 54	0 46	20 7	0 12	10 52	16 56	5 44	5 43	17 38	12 58	1 5
T 23	22 12	8 33	0 50	14 21	4 0	24 5	2 8	21 49	0 20	17 59	0 53	16 33	1 57	5 53	0 46	20 7	0 12	10 52	16 57	5 44	5 44	17 39	12 59	1 5
F 24	22 19	4 40	0n18	14 26	4 1	23 54	2 8	21 57	0 21	17 56	0 53	16 35	1 57	5 53	0 46	20 7	0 12	10 52	16 57	5 44	5 45	17 40	13 0	1 5
S 25	22 27	0 26	1 27	14 32	4 0	23 43	2 9	22 4	0 21	17 54	0 53	16 37	1 57	5 53	0 46	20 7	0 12	10 52	16 57	5 44	5 46	17 40	13 1	1 6
S 26	22 33	3s57	2 34	14 41	3 59	23 31	2 9	22 11	0 22	17 51	0 53	16 39	1 57	5 52	0 46	20 6	0 12	10 52	16 58	5 45	5 48	17 41	13 2	1 6
M27	22 40	8 17	3 33	14 51	3 56	23 19	2 8	22 18	0 22	17 48	0 52	16 41	1 57	5 52	0 46	20 6	0 12	10 52	16 58	5 47	5 49	17 42	13 3	1 6
T 28	22 46	12 14	4 20	15 4	3 53	23 6	2 8	22 25	0 23	17 46	0 52	16 42	1 57	5 52	0 46	20 5	0 12	10 52	16 58	5 49	5 50	17 42	13 4	1 6
W29	22 52	15 29	4 50	15 18	3 49	22 53	2 8	22 31	0 24	17 43	0 52	16 44	1 57	5 51	0 46	20 5	0 12	10 52	16 59	5 53	5 51	17 43	13 5	1 6
T 30	22 57	17 43	5 0	15 33	3 44	22 38	2 8	22 38	0 24	17 40	0 52	16 46	1 58	5 51	0 46	20 5	0 12	10 52	16 59	5 57	5 53	17 44	13 6	1 6
F 31	23n 2	18s40	4n49	15n50	3s38	22n24	2n 7	22n44	0n25	17n37	0n52	16n48	1s58	5s51	0s46	20n 4	0s12	10s52	16s59	6n 1	5n54	17n44	13n 7	1s 6

Julian Day Number = 2301195.5, Delta T = 105.93 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'44, Lahiri = 18°06'44 Julian Calendar 1 May 1588 == Greg. Calendar 11 May 1588

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1588
geocentric

JUNE 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 17 44	19♊57'57	15♉57	27♉11	0♌31	13♊ 2	13♌45	23♉39	17♓ 1	29♋42	12♈ 3	14°R36	15♍ 1	17♊11	7♉56	S 1
S 2	17 21 41	20°55'11	0♒47	28° 8	1°39	13°43	13°55	23°46	17° 2	29°44	12° 3	14♍28	14°57	17°17	8° 0	S 2
M 3	17 25 37	21°52'25	15°11	29° 9	2°47	14°24	14° 5	23°54	17° 2	29°45	12° 4	14°24	14°54	17°24	8° 3	M 3
T 4	17 29 34	22°49'38	29° 6	0♊13	3°55	15° 5	14°15	24° 1	17° 3	29°47	12° 4	14°21	14°51	17°31	8° 6	T 4
W 5	17 33 30	23°46'52	12♓33	1°21	5° 3	15°46	14°26	24° 8	17° 3	29°49	12° 5	14°D21	14°48	17°38	8° 9	W 5
T 6	17 37 27	24°44'05	25°33	2°33	6°11	16°27	14°36	24°15	17° 3	29°51	12° 6	14°R21	14°45	17°44	8°12	T 6
F 7	17 41 23	25°41'19	8♈12	3°48	7°18	17° 8	14°46	24°22	17° 3	29°53	12° 6	14°20	14°41	17°51	8°15	F 7
S 8	17 45 20	26°38'32	20°34	5° 7	8°25	17°49	14°57	24°29	17° 4	29°55	12° 7	14°18	14°38	17°58	8°18	S 8
S 9	17 49 16	27°35'45	2♉43	6°29	9°33	18°30	15° 8	24°36	17° 4	29°57	12° 7	14°14	14°35	18° 4	8°21	S 9
M10	17 53 13	28°32'58	14°43	7°55	10°40	19°11	15°18	24°43	17° 4	29°59	12° 8	14° 7	14°32	18°11	8°24	M10
T 11	17 57 9	29°30'11	26°38	9°24	11°47	19°52	15°29	24°50	17° 4	0♌ 1	12° 8	13°57	14°29	18°18	8°27	T 11
W12	18 1 6	0♋27'24	8♊30	10°56	12°54	20°33	15°40	24°57	17°R 4	0° 3	12° 9	13°45	14°26	18°25	8°30	W12
T 13	18 5 3	1°24'37	20°22	12°32	14° 0	21°13	15°51	25° 4	17° 4	0° 5	12° 9	13°32	14°22	18°31	8°33	T 13
F 14	18 8 59	2°21'50	2♋15	14°11	15° 7	21°54	16° 2	25°10	17° 4	0° 7	12° 9	13°19	14°19	18°38	8°36	F 14
S 15	18 12 56	3°19'02	14°10	15°53	16°13	22°34	16°13	25°17	17° 4	0° 9	12°10	13° 8	14°16	18°45	8°38	S 15
S 16	18 16 52	4°16'15	26°10	17°39	17°19	23°15	16°24	25°24	17° 3	0°11	12°10	12°58	14°13	18°51	8°41	S 16
M17	18 20 49	5°13'27	8♌15	19°27	18°25	23°55	16°35	25°30	17° 3	0°13	12°10	12°50	14°10	18°58	8°44	M17
T 18	18 24 45	6°10'40	20°28	21°18	19°31	24°36	16°47	25°37	17° 3	0°15	12°11	12°45	14° 7	19° 5	8°46	T 18
W19	18 28 42	7° 7'52	2♍52	23°12	20°37	25°16	16°58	25°43	17° 3	0°17	12°11	12°43	14° 3	19°12	8°49	W19
T 20	18 32 39	8° 5'04	15°30	25° 9	21°42	25°57	17° 9	25°50	17° 2	0°19	12°11	12°D43	14° 0	19°18	8°51	T 20
F 21	18 36 35	9° 2'15	28°25	27° 8	22°47	26°37	17°21	25°56	17° 2	0°21	12°12	12°43	13°57	19°25	8°54	F 21
S 22	18 40 32	9°59'27	11♎42	29° 9	23°52	27°17	17°32	26° 3	17° 1	0°23	12°12	12°R44	13°54	19°32	8°56	S 22
S 23	18 44 28	10°56'38	25°22	1♋13	24°57	27°58	17°44	26° 9	17° 1	0°25	12°12	12°43	13°51	19°39	8°59	S 23
M24	18 48 25	11°53'49	9♏29	3°17	26° 2	28°38	17°56	26°15	17° 0	0°27	12°12	12°40	13°47	19°45	9° 1	M24
T 25	18 52 21	12°51'00	24° 0	5°24	27° 6	29°18	18° 7	26°21	17° 0	0°30	12°12	12°35	13°44	19°52	9° 3	T 25
W26	18 56 18	13°48'11	8♐53	7°31	28°11	29°58	18°19	26°28	16°59	0°32	12°13	12°28	13°41	19°59	9° 5	W26
T 27	19 0 14	14°45'23	24° 0	9°39	29°15	0♋38	18°31	26°34	16°58	0°34	12°13	12°20	13°38	20° 5	9° 8	T 27
F 28	19 4 11	15°42'34	9♑12	11°48	0♍18	1°18	18°43	26°40	16°58	0°36	12°13	12°11	13°35	20°12	9°10	F 28
S 29	19 8 8	16°39'46	24°19	13°57	1°22	1°58	18°55	26°46	16°57	0°38	12°13	12° 4	13°32	20°19	9°12	S 29
S 30	19 12 4	17♋36'58	9♒10	16♋ 6	2♍25	2♋38	19♌ 7	26♉51	16♓56	0♌40	12♈13	11♍58	13♍28	20♊26	9♉14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	18s17	4n17	16n 8	3s31	22n 8	2n 6	22n50	0n25	17n34	0n52	16n50	1s58	5s51	0s46	20n 4	0s12	10s52	17s 0	6n 5	5n55	17n45	13n 8	1s 6
S 2	23 11	16 38	3 28	16 28	3 24	21 53	2 6	22 55	0 26	17 31	0 52	16 51	1 58	5 51	0 46	20 4	0 12	10 52	17 0	6 8	5 56	17 46	13 9	1 7
M 3	23 14	13 58	2 28	16 49	3 17	21 36	2 5	23 1	0 26	17 28	0 52	16 53	1 58	5 51	0 46	20 3	0 12	10 52	17 0	6 9	5 58	17 46	13 10	1 7
T 4	23 18	10 34	1 20	17 10	3 8	21 19	2 4	23 6	0 27	17 25	0 52	16 55	1 58	5 50	0 47	20 3	0 12	10 52	17 1	6 10	5 59	17 47	13 11	1 7
W 5	23 21	6 43	0 10	17 33	2 59	21 2	2 3	23 11	0 28	17 22	0 52	16 57	1 58	5 50	0 47	20 3	0 12	10 52	17 1	6 10	6 0	17 48	13 12	1 7
T 6	23 23	2 40	0s59	17 56	2 50	20 44	2 2	23 16	0 28	17 19	0 52	16 58	1 58	5 50	0 47	20 2	0 12	10 52	17 1	6 10	6 1	17 48	13 13	1 7
F 7	23 25	1n23	2 3	18 20	2 40	20 26	2 0	23 21	0 29	17 16	0 52	17 0	1 58	5 50	0 47	20 2	0 12	10 52	17 2	6 11	6 2	17 49	13 14	1 7
S 8	23 27	5 17	2 59	18 45	2 30	20 7	1 59	23 25	0 29	17 13	0 52	17 2	1 58	5 50	0 47	20 1	0 12	10 53	17 2	6 11	6 4	17 50	13 14	1 7
S 9	23 28	8 54	3 46	19 9	2 19	19 47	1 58	23 29	0 30	17 10	0 52	17 3	1 58	5 50	0 47	20 1	0 12	10 53	17 2	6 13	6 5	17 50	13 15	1 7
M10	23 29	12 6	4 23	19 34	2 8	19 27	1 56	23 33	0 30	17 6	0 52	17 5	1 58	5 50	0 47	20 1	0 11	10 53	17 3	6 16	6 6	17 51	13 16	1 8
T 11	23 29	14 47	4 48	19 59	1 56	19 7	1 54	23 37	0 31	17 3	0 52	17 6	1 58	5 50	0 47	20 0	0 11	10 53	17 3	6 20	6 7	17 52	13 17	1 8
W12	23 29	16 50	5 0	20 24	1 45	18 46	1 52	23 41	0 31	17 0	0 52	17 8	1 58	5 50	0 47	20 0	0 11	10 53	17 3	6 24	6 9	17 52	13 18	1 8
T 13	23 29	18 10	4 59	20 49	1 33	18 25	1 50	23 44	0 32	16 57	0 52	17 9	1 58	5 50	0 47	19 59	0 11	10 53	17 4	6 29	6 10	17 53	13 18	1 8
F 14	23 28	18 43	4 45	21 13	1 21	18 4	1 48	23 47	0 33	16 53	0 52	17 11	1 58	5 50	0 47	19 59	0 11	10 53	17 4	6 34	6 11	17 53	13 19	1 8
S 15	23 27	18 27	4 19	21 36	1 9	17 42	1 46	23 50	0 33	16 50	0 52	17 13	1 58	5 50	0 47	19 59	0 11	10 54	17 4	6 39	6 12	17 54	13 20	1 8
S 16	23 25	17 21	3 41	21 59	0 57	17 19	1 44	23 53	0 34	16 47	0 52	17 14	1 58	5 51	0 47	19 58	0 11	10 54	17 5	6 42	6 13	17 55	13 21	1 8
M17	23 23	15 28	2 52	22 20	0 44	16 57	1 41	23 55	0 34	16 43	0 52	17 16	1 59	5 51	0 47	19 58	0 11	10 54	17 5	6 45	6 15	17 55	13 21	1 9
T 18	23 21	12 52	1 56	22 40	0 32	16 34	1 39	23 58	0 35	16 40	0 52	17 17	1 59	5 51	0 47	19 57	0 11	10 54	17 6	6 47	6 16	17 56	13 22	1 9
W19	23 18	9 40	0 52	22 59	0 20	16 10	1 36	24 0	0 35	16 36	0 52	17 18	1 59	5 51	0 47	19 57	0 11	10 54	17 6	6 48	6 17	17 56	13 23	1 9
T 20	23 15	5 57	0n15	23 16	0 9	15 46	1 33	24 2	0 36	16 33	0 52	17 20	1 59	5 51	0 47	19 56	0 11	10 55	17 6	6 48	6 18	17 57	13 23	1 9
F 21	23 11	1 54	1 23	23 31	0n 3	15 22	1 30	24 3	0 36	16 29	0 52	17 21	1 59	5 51	0 47	19 56	0 11	10 55	17 7	6 48	6 20	17 58	13 24	1 9
S 22	23 7	2s22	2 28	23 43	0 14	14 58	1 27	24 5	0 37	16 26	0 52	17 23	1 59	5 52	0 47	19 56	0 11	10 55	17 7	6 48	6 21	17 58	13 25	1 9
S 23	23 2	6 37	3 27	23 54	0 25	14 33	1 24	24 6	0 37	16 22	0 52	17 24	1 59	5 52	0 47	19 55	0 11	10 55	17 7	6 48	6 22	17 59	13 25	1 9
M24	22 57	10 38	4 16	24 2	0 35	14 8	1 21	24 7	0 38	16 19	0 52	17 25	1 59	5 52	0 47	19 55	0 11	10 56	17 8	6 49	6 23	17 59	13 26	1 10
T 25	22 52	14 9	4 49	24 8	0 45	13 43	1 18	24 8	0 39	16 15	0 52	17 27	1 59	5 52	0 47	19 54	0 11	10 56	17 8	6 51	6 25	18 0	13 27	1 10
W26	22 46	16 49	5 4	24 11	0 54	13 17	1 14	24 8	0 39	16 11	0 52	17 28	1 59	5 53	0 47	19 54	0 11	10 56	17 8	6 54	6 26	18 1	13 27	1 10
T 27	22 40	18 23	4 59	24 11	1 3	12 52	1 10	24 9	0 40	16 8	0 52	17 29	1 59	5 53	0 47	19 53	0 11	10 57	17 9	6 57	6 27	18 1	13 28	1 10
F 28	22 34	18 39	4 32	24 8	1 11	12 26	1 7	24 9	0 40	16 4	0 52	17 31	2 0	5 53	0 47	19 53	0 11	10 57	17 9	7 0	6 28	18 2	13 28	1 10
S 29	22 27	17 35	3 46	24 3	1 18	11 59	1 3	24 9	0 41	16 0	0 52	17 32	2 0	5 54	0 47	19 52	0 11	10 57	17 9	7 3	6 29	18 2	13 29	1 10
S 30	22n20	15s20	2n46	23n55	1n24	11n33	0n59	24n 9	0n41	15n56	0n52	17n33	2s 0	5s54	0s47	19n52	0s11	10s57	17s10	7n 5	6n31	18n 3	13n29	1s11

Julian Day Number = 2301226.5, Delta T = 105.80 sec
Ecliptic obliquity = 23°29'24, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'48, Lahiri = 18°06'48 Julian Calendar 1 June 1588 == Greg. Calendar 11 June 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

JULY 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 16 1	18♋34'11	23♒38	18♋15	3♍28	3♋18	19♌19	26♉57	16°R55	0♌43	12♈13	11°R55	13♍25	20♊32	9♉16	M 1
T 2	19 19 57	19°31'24	7♓39	20°23	4°31	3°58	19°31	27° 3	16♓54	0°45	12°R13	11°D53	13°22	20°39	9°18	T 2
W 3	19 23 54	20°28'38	21°11	22°30	5°33	4°38	19°43	27° 9	16°53	0°47	12°13	11♍54	13°19	20°46	9°20	W 3
T 4	19 27 50	21°25'53	4♈17	24°36	6°35	5°17	19°55	27°14	16°52	0°49	12°13	11°55	13°16	20°53	9°22	T 4
F 5	19 31 47	22°23'08	16°59	26°41	7°37	5°57	20° 7	27°20	16°51	0°51	12°13	11°R56	13°13	20°59	9°23	F 5
S 6	19 35 43	23°20'24	29°23	28°45	8°39	6°37	20°20	27°25	16°50	0°54	12°13	11°56	13° 9	21° 6	9°25	S 6
S 7	19 39 40	24°17'42	11♉32	0♌48	9°40	7°17	20°32	27°31	16°49	0°56	12°13	11°54	13° 6	21°13	9°27	S 7
M 8	19 43 37	25°15'00	23°31	2°49	10°41	7°56	20°44	27°36	16°48	0°58	12°13	11°50	13° 3	21°19	9°28	M 8
T 9	19 47 33	26°12'19	5♊24	4°48	11°42	8°36	20°57	27°42	16°46	1° 0	12°12	11°45	13° 0	21°26	9°30	T 9
W10	19 51 30	27° 9'39	17°15	6°46	12°42	9°15	21° 9	27°47	16°45	1° 2	12°12	11°38	12°57	21°33	9°31	W10
T 11	19 55 26	28° 6'59	29° 8	8°42	13°43	9°55	21°21	27°52	16°44	1° 5	12°12	11°30	12°53	21°40	9°33	T 11
F 12	19 59 23	29° 4'21	11♋ 4	10°37	14°42	10°34	21°34	27°57	16°42	1° 7	12°12	11°22	12°50	21°46	9°34	F 12
S 13	20 3 19	0♌ 1'43	23° 6	12°30	15°42	11°14	21°47	28° 2	16°41	1° 9	12°12	11°15	12°47	21°53	9°36	S 13
S 14	20 7 16	0°59'07	5♌14	14°22	16°41	11°53	21°59	28° 7	16°40	1°11	12°11	11° 9	12°44	22° 0	9°37	S 14
M15	20 11 12	1°56'31	17°31	16°11	17°39	12°33	22°12	28°12	16°38	1°14	12°11	11° 4	12°41	22° 6	9°38	M15
T 16	20 15 9	2°53'56	29°58	17°59	18°38	13°12	22°24	28°17	16°37	1°16	12°11	11° 2	12°38	22°13	9°39	T 16
W17	20 19 6	3°51'21	12♍35	19°46	19°36	13°51	22°37	28°21	16°35	1°18	12°11	11°D 1	12°34	22°20	9°40	W17
T 18	20 23 2	4°48'48	25°26	21°31	20°33	14°30	22°50	28°26	16°34	1°20	12°10	11° 2	12°31	22°27	9°42	T 18
F 19	20 26 59	5°46'15	8♎31	23°14	21°30	15°10	23° 2	28°30	16°32	1°22	12°10	11° 4	12°28	22°33	9°43	F 19
S 20	20 30 55	6°43'43	21°53	24°55	22°27	15°49	23°15	28°35	16°30	1°25	12°10	11° 5	12°25	22°40	9°43	S 20
S 21	20 34 52	7°41'11	5♏33	26°35	23°23	16°28	23°28	28°39	16°29	1°27	12° 9	11°R 6	12°22	22°47	9°44	S 21
M22	20 38 48	8°38'40	19°32	28°14	24°18	17° 7	23°41	28°43	16°27	1°29	12° 9	11° 5	12°18	22°53	9°45	M22
T 23	20 42 45	9°36'10	3♐50	29°50	25°14	17°46	23°54	28°48	16°25	1°31	12° 8	11° 4	12°15	23° 0	9°46	T 23
W24	20 46 41	10°33'41	18°25	1♍26	26° 8	18°25	24° 6	28°52	16°23	1°34	12° 8	11° 1	12°12	23° 7	9°47	W24
T 25	20 50 38	11°31'13	3♑10	2°59	27° 2	19° 4	24°19	28°56	16°22	1°36	12° 7	10°57	12° 9	23°14	9°47	T 25
F 26	20 54 35	12°28'46	18° 1	4°31	27°56	19°43	24°32	29° 0	16°20	1°38	12° 7	10°53	12° 6	23°20	9°48	F 26
S 27	20 58 31	13°26'20	2♒49	6° 1	28°49	20°22	24°45	29° 3	16°18	1°40	12° 6	10°49	12° 3	23°27	9°48	S 27
S 28	21 2 28	14°23'55	17°26	7°30	29°41	21° 1	24°58	29° 7	16°16	1°42	12° 6	10°47	11°59	23°34	9°49	S 28
M29	21 6 24	15°21'31	1♓46	8°57	0♎33	21°39	25°11	29°11	16°14	1°44	12° 5	10°45	11°56	23°41	9°49	M29
T 30	21 10 21	16°19'08	15°44	10°22	1°24	22°18	25°24	29°14	16°12	1°47	12° 5	10°D45	11°53	23°47	9°50	T 30
W31	21 14 17	17♌16'47	29♓17	11♍46	2♎14	22♋57	25♌37	29♉18	16♓10	1♌49	12♈ 4	10♍46	11♍50	23♊54	9♉50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n12	12s 9	1n36	23n44	1n30	11n 6	0n55	24n 9	0n42	15n53	0n52	17n34	2s 0	5s54	0s48	19n52	0s11	10s58	17s10	7n 6	6n32	18n 4	13n30	1s11
T 2	22 4	8 22	0 23	23 30	1 35	10 39	0 50	24 8	0 42	15 49	0 52	17 36	2 0	5 55	0 48	19 51	0 11	10 58	17 11	7 7	6 33	18 4	13 30	1 11
W 3	21 56	4 16	0s50	23 14	1 39	10 12	0 46	24 7	0 43	15 45	0 52	17 37	2 0	5 55	0 48	19 51	0 11	10 58	17 11	7 7	6 34	18 5	13 31	1 11
T 4	21 47	0 6	1 58	22 55	1 42	9 45	0 41	24 6	0 43	15 41	0 52	17 38	2 0	5 56	0 48	19 50	0 11	10 59	17 11	7 7	6 36	18 5	13 31	1 11
F 5	21 38	3n57	2 57	22 35	1 45	9 18	0 37	24 5	0 44	15 37	0 52	17 39	2 0	5 56	0 48	19 50	0 11	10 59	17 12	7 6	6 37	18 6	13 31	1 11
S 6	21 28	7 44	3 47	22 12	1 47	8 50	0 32	24 4	0 44	15 33	0 52	17 40	2 0	5 56	0 48	19 49	0 11	10 59	17 12	7 6	6 38	18 6	13 32	1 11
S 7	21 18	11 6	4 26	21 47	1 48	8 23	0 27	24 2	0 45	15 29	0 52	17 41	2 1	5 57	0 48	19 49	0 11	11 0	17 12	7 7	6 39	18 7	13 32	1 12
M 8	21 8	13 58	4 53	21 20	1 48	7 55	0 22	24 0	0 45	15 26	0 52	17 42	2 1	5 57	0 48	19 48	0 11	11 0	17 13	7 8	6 40	18 7	13 33	1 12
T 9	20 57	16 14	5 6	20 51	1 48	7 27	0 17	23 58	0 46	15 22	0 52	17 44	2 1	5 58	0 48	19 48	0 11	11 1	17 13	7 10	6 42	18 8	13 33	1 12
W10	20 46	17 48	5 7	20 21	1 47	6 59	0 12	23 56	0 46	15 18	0 52	17 45	2 1	5 58	0 48	19 47	0 11	11 1	17 13	7 13	6 43	18 9	13 33	1 12
T 11	20 35	18 36	4 54	19 49	1 46	6 31	0 6	23 54	0 47	15 14	0 52	17 46	2 1	5 59	0 48	19 47	0 11	11 1	17 14	7 16	6 44	18 9	13 34	1 12
F 12	20 23	18 34	4 28	19 16	1 44	6 3	0 1	23 51	0 47	15 10	0 52	17 47	2 1	6 0	0 48	19 46	0 11	11 2	17 14	7 19	6 45	18 10	13 34	1 12
S 13	20 11	17 43	3 50	18 42	1 41	5 35	0s 5	23 48	0 48	15 5	0 52	17 48	2 1	6 0	0 48	19 46	0 11	11 2	17 15	7 22	6 46	18 10	13 34	1 13
S 14	19 59	16 3	3 2	18 7	1 38	5 7	0 10	23 46	0 48	15 1	0 52	17 49	2 1	6 1	0 48	19 45	0 11	11 3	17 15	7 24	6 48	18 11	13 34	1 13
M15	19 46	13 39	2 4	17 31	1 34	4 38	0 16	23 42	0 49	14 57	0 52	17 49	2 2	6 1	0 48	19 45	0 11	11 3	17 15	7 26	6 49	18 11	13 35	1 13
T 16	19 33	10 34	1 0	16 54	1 30	4 10	0 22	23 39	0 49	14 53	0 52	17 50	2 2	6 2	0 48	19 44	0 11	11 3	17 16	7 27	6 50	18 12	13 35	1 13
W17	19 20	6 59	0n 9	16 16	1 26	3 42	0 28	23 36	0 50	14 49	0 52	17 51	2 2	6 3	0 48	19 44	0 11	11 4	17 16	7 27	6 51	18 12	13 35	1 13
T 18	19 6	3 1	1 18	15 38	1 21	3 13	0 35	23 32	0 50	14 45	0 52	17 52	2 2	6 3	0 48	19 43	0 11	11 4	17 16	7 27	6 53	18 13	13 35	1 13
F 19	18 52	1s10	2 24	14 59	1 15	2 45	0 41	23 28	0 51	14 41	0 52	17 53	2 2	6 4	0 48	19 43	0 11	11 5	17 17	7 26	6 54	18 13	13 35	1 14
S 20	18 38	5 23	3 24	14 20	1 9	2 17	0 47	23 24	0 51	14 37	0 52	17 54	2 2	6 5	0 48	19 43	0 11	11 5	17 17	7 25	6 55	18 14	13 36	1 14
S 21	18 23	9 24	4 15	13 40	1 3	1 48	0 54	23 20	0 52	14 32	0 52	17 55	2 2	6 5	0 48	19 42	0 11	11 6	17 17	7 25	6 56	18 14	13 36	1 14
M22	18 8	12 59	4 51	13 0	0 57	1 20	1 1	23 15	0 52	14 28	0 52	17 55	2 3	6 6	0 48	19 42	0 11	11 6	17 18	7 25	6 57	18 15	13 36	1 14
T 23	17 53	15 53	5 10	12 20	0 50	0 52	1 7	23 11	0 53	14 24	0 52	17 56	2 3	6 7	0 48	19 41	0 11	11 7	17 18	7 26	6 59	18 15	13 36	1 14
W24	17 38	17 50	5 10	11 39	0 42	0 24	1 14	23 6	0 53	14 20	0 52	17 57	2 3	6 7	0 48	19 41	0 11	11 7	17 18	7 27	7 0	18 16	13 36	1 14
T 25	17 22	18 38	4 49	10 59	0 35	0s 4	1 21	23 1	0 54	14 15	0 52	17 58	2 3	6 8	0 48	19 40	0 11	11 7	17 19	7 29	7 1	18 16	13 36	1 15
F 26	17 6	18 9	4 10	10 18	0 27	0 32	1 29	22 56	0 54	14 11	0 52	17 58	2 3	6 9	0 48	19 40	0 11	11 8	17 19	7 30	7 2	18 17	13 36	1 15
S 27	16 49	16 26	3 13	9 37	0 19	1 0	1 36	22 51	0 55	14 7	0 52	17 59	2 3	6 10	0 48	19 39	0 11	11 8	17 19	7 32	7 4	18 17	13 36	1 15
S 28	16 33	13 40	2 4	8 57	0 11	1 27	1 43	22 45	0 55	14 3	0 52	18 0	2 4	6 10	0 48	19 39	0 11	11 9	17 20	7 33	7 5	18 18	13 36	1 15
M29	16 16	10 6	0 49	8 16	0 3	1 55	1 51	22 39	0 56	13 58	0 52	18 0	2 4	6 11	0 48	19 38	0 11	11 9	17 20	7 33	7 6	18 18	13 36	1 15
T 30	15 59	6 4	0s27	7 36	0s 6	2 22	1 58	22 34	0 56	13 54	0 52	18 1	2 4	6 12	0 48	19 38	0 11	11 10	17 20	7 33	7 7	18 19	13 36	1 15
W31	15n41	1s49	1s40	6n56	0s15	2s49	2s 6	22n28	0n56	13n50	0n52	18n 1	2s 4	6s13	0s48	19n37	0s11	11s10	17s20	7n33	7n 8	18n19	13n36	1s16

Julian Day Number = 2301256.5, Delta T = 105.67 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'52, Lahiri = 18°06'52 Julian Calendar 1 July 1588 == Greg. Calendar 11 July 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

AUGUST 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 18 14	18♌14'28	12♈26	13♍ 8	3♎ 4	23♋36	25♌50	29♉21	16°R 8	1♌51	12°R 4	10♍47	11♍47	24♊ 1	9♉50	T 1
F 2	21 22 10	19°12'10	25°12	14°28	3°53	24°14	26° 3	29°25	16♓ 6	1°53	12♈ 3	10°49	11°44	24° 7	9°50	F 2
S 3	21 26 7	20° 9'53	7♉39	15°47	4°41	24°53	26°16	29°28	16° 4	1°55	12° 2	10°50	11°40	24°14	9°50	S 3
S 4	21 30 4	21° 7'38	19°50	17° 4	5°29	25°32	26°29	29°31	16° 2	1°57	12° 2	10°R50	11°37	24°21	9°R51	S 4
M 5	21 34 0	22° 5'25	1♊51	18°19	6°16	26°10	26°42	29°34	16° 0	2° 0	12° 1	10°50	11°34	24°28	9°51	M 5
T 6	21 37 57	23° 3'14	13°45	19°31	7° 2	26°49	26°55	29°37	15°57	2° 2	12° 0	10°49	11°31	24°34	9°50	T 6
W 7	21 41 53	24° 1'04	25°37	20°42	7°47	27°27	27° 8	29°40	15°55	2° 4	12° 0	10°47	11°28	24°41	9°50	W 7
T 8	21 45 50	24°58'56	7♋32	21°51	8°31	28° 6	27°21	29°42	15°53	2° 6	11°59	10°45	11°24	24°48	9°50	T 8
F 9	21 49 46	25°56'50	19°32	22°58	9°15	28°44	27°34	29°45	15°51	2° 8	11°58	10°43	11°21	24°54	9°50	F 9
S 10	21 53 43	26°54'46	1♌40	24° 2	9°57	29°23	27°47	29°47	15°49	2°10	11°58	10°40	11°18	25° 1	9°50	S 10
S 11	21 57 39	27°52'43	13°59	25° 4	10°38	0♌ 1	28° 0	29°50	15°46	2°12	11°57	10°39	11°15	25° 8	9°49	S 11
M12	22 1 36	28°50'42	26°31	26° 3	11°19	0°39	28°13	29°52	15°44	2°14	11°56	10°38	11°12	25°15	9°49	M12
T 13	22 5 33	29°48'42	9♍15	27° 0	11°58	1°18	28°26	29°54	15°42	2°16	11°55	10°D37	11° 9	25°21	9°48	T 13
W14	22 9 29	0♍46'44	22°13	27°54	12°36	1°56	28°39	29°56	15°40	2°18	11°54	10°38	11° 5	25°28	9°48	W14
T 15	22 13 26	1°44'47	5♎25	28°45	13°13	2°34	28°52	29°58	15°37	2°20	11°54	10°38	11° 2	25°35	9°47	T 15
F 16	22 17 22	2°42'52	18°49	29°32	13°49	3°12	29° 5	0♊ 0	15°35	2°22	11°53	10°39	10°59	25°41	9°46	F 16
S 17	22 21 19	3°40'58	2♏27	0♎17	14°24	3°50	29°18	0° 2	15°33	2°24	11°52	10°40	10°56	25°48	9°46	S 17
S 18	22 25 15	4°39'06	16°17	0°57	14°57	4°28	29°31	0° 4	15°30	2°26	11°51	10°40	10°53	25°55	9°45	S 18
M19	22 29 12	5°37'15	0♐18	1°34	15°29	5° 6	29°44	0° 5	15°28	2°28	11°50	10°R40	10°50	26° 2	9°44	M19
T 20	22 33 8	6°35'26	14°29	2° 7	16° 0	5°44	29°57	0° 7	15°26	2°30	11°49	10°40	10°46	26° 8	9°43	T 20
W21	22 37 5	7°33'38	28°47	2°35	16°29	6°22	0♍10	0° 8	15°23	2°32	11°48	10°40	10°43	26°15	9°42	W21
T 22	22 41 1	8°31'52	13♑11	2°58	16°56	7° 0	0°23	0° 9	15°21	2°34	11°47	10°40	10°40	26°22	9°41	T 22
F 23	22 44 58	9°30'07	27°35	3°17	17°22	7°38	0°36	0°11	15°18	2°36	11°46	10°40	10°37	26°29	9°40	F 23
S 24	22 48 55	10°28'24	11♒55	3°30	17°47	8°16	0°49	0°12	15°16	2°37	11°45	10°D40	10°34	26°35	9°39	S 24
S 25	22 52 51	11°26'42	26° 8	3°37	18° 9	8°54	1° 2	0°13	15°14	2°39	11°44	10°40	10°30	26°42	9°38	S 25
M26	22 56 48	12°25'02	10♓ 8	3°R39	18°30	9°32	1°15	0°13	15°11	2°41	11°43	10°R40	10°27	26°49	9°37	M26
T 27	23 0 44	13°23'24	23°51	3°34	18°49	10°10	1°28	0°14	15° 9	2°43	11°42	10°40	10°24	26°55	9°35	T 27
W28	23 4 41	14°21'48	7♈16	3°23	19° 6	10°47	1°41	0°15	15° 6	2°45	11°41	10°40	10°21	27° 2	9°34	W28
T 29	23 8 37	15°20'14	20°21	3° 5	19°21	11°25	1°54	0°15	15° 4	2°46	11°40	10°39	10°18	27° 9	9°32	T 29
F 30	23 12 34	16°18'41	3♉ 7	2°40	19°35	12° 3	2° 7	0°16	15° 2	2°48	11°39	10°38	10°15	27°16	9°31	F 30
S 31	23 16 30	17♍17'11	15♉34	2♎ 8	19♎46	12♌40	2♍20	0♊16	14♓59	2♌50	11♈38	10♍38	10♍11	27♊22	9♉29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n24	2n23	2s46	6n16	0s24	3s16	2s14	22n22	0n57	13n45	0n52	18n 2	2s 4	6s13	0s48	19n37	0s11	11s11	17s21	7n32	7n10	18n20	13n36	1s16
F 2	15 6	6 21	3 41	5 37	0 33	3 43	2 22	22 15	0 57	13 41	0 52	18 3	2 4	6 14	0 48	19 36	0 11	11 11	17 21	7 32	7 11	18 20	13 36	1 16
S 3	14 48	9 56	4 24	4 58	0 42	4 10	2 30	22 9	0 58	13 36	0 52	18 3	2 5	6 15	0 48	19 36	0 11	11 12	17 21	7 31	7 12	18 21	13 36	1 16
S 4	14 29	13 0	4 54	4 20	0 52	4 36	2 38	22 2	0 58	13 32	0 52	18 4	2 5	6 16	0 48	19 35	0 11	11 12	17 22	7 31	7 13	18 21	13 35	1 16
M 5	14 11	15 29	5 11	3 42	1 1	5 2	2 46	21 55	0 59	13 28	0 52	18 4	2 5	6 17	0 48	19 35	0 11	11 13	17 22	7 31	7 14	18 22	13 35	1 16
T 6	13 52	17 17	5 15	3 4	1 11	5 28	2 55	21 48	0 59	13 23	0 52	18 5	2 5	6 18	0 48	19 34	0 11	11 13	17 22	7 32	7 16	18 22	13 35	1 17
W 7	13 33	18 20	5 5	2 28	1 20	5 54	3 3	21 41	1 0	13 19	0 52	18 5	2 5	6 18	0 48	19 34	0 11	11 14	17 22	7 32	7 17	18 23	13 35	1 17
T 8	13 13	18 35	4 42	1 52	1 30	6 19	3 12	21 34	1 0	13 14	0 52	18 5	2 5	6 19	0 48	19 34	0 11	11 15	17 23	7 33	7 18	18 23	13 35	1 17
F 9	12 54	18 0	4 6	1 16	1 40	6 44	3 20	21 27	1 1	13 10	0 53	18 6	2 6	6 20	0 49	19 33	0 11	11 15	17 23	7 34	7 19	18 24	13 34	1 17
S 10	12 34	16 36	3 19	0 42	1 50	7 9	3 29	21 19	1 1	13 5	0 53	18 6	2 6	6 21	0 49	19 33	0 11	11 16	17 23	7 35	7 20	18 24	13 34	1 17
S 11	12 14	14 24	2 22	0 8	1 59	7 33	3 38	21 12	1 2	13 1	0 53	18 6	2 6	6 22	0 49	19 32	0 11	11 16	17 24	7 35	7 22	18 24	13 34	1 17
M12	11 54	11 30	1 17	0s24	2 9	7 57	3 47	21 4	1 2	12 56	0 53	18 7	2 6	6 23	0 49	19 32	0 11	11 17	17 24	7 36	7 23	18 25	13 34	1 18
T 13	11 34	8 0	0 8	0 55	2 19	8 21	3 56	20 56	1 2	12 52	0 53	18 7	2 6	6 24	0 49	19 31	0 11	11 17	17 24	7 36	7 24	18 25	13 33	1 18
W14	11 13	4 4	1n 4	1 26	2 28	8 44	4 5	20 48	1 3	12 48	0 53	18 7	2 6	6 25	0 49	19 31	0 11	11 18	17 24	7 36	7 25	18 26	13 33	1 18
T 15	10 53	0s 7	2 13	1 55	2 38	9 7	4 14	20 39	1 3	12 43	0 53	18 8	2 7	6 26	0 49	19 30	0 11	11 18	17 25	7 36	7 27	18 26	13 33	1 18
F 16	10 32	4 22	3 16	2 22	2 47	9 30	4 23	20 31	1 4	12 39	0 53	18 8	2 7	6 26	0 49	19 30	0 11	11 19	17 25	7 35	7 28	18 27	13 32	1 18
S 17	10 11	8 27	4 9	2 48	2 56	9 52	4 32	20 22	1 4	12 34	0 53	18 8	2 7	6 27	0 49	19 30	0 11	11 19	17 25	7 35	7 29	18 27	13 32	1 18
S 18	9 50	12 8	4 49	3 12	3 5	10 13	4 41	20 14	1 5	12 29	0 53	18 8	2 7	6 28	0 49	19 29	0 11	11 20	17 25	7 35	7 30	18 28	13 31	1 19
M19	9 28	15 10	5 12	3 35	3 13	10 34	4 50	20 5	1 5	12 25	0 53	18 8	2 7	6 29	0 49	19 29	0 11	11 20	17 25	7 35	7 31	18 28	13 31	1 19
T 20	9 7	17 21	5 16	3 55	3 22	10 54	5 0	19 56	1 6	12 20	0 53	18 8	2 7	6 30	0 49	19 28	0 11	11 21	17 26	7 35	7 33	18 28	13 31	1 19
W21	8 45	18 28	5 1	4 14	3 29	11 14	5 9	19 47	1 6	12 16	0 53	18 9	2 8	6 31	0 49	19 28	0 11	11 22	17 26	7 35	7 34	18 29	13 30	1 19
T 22	8 23	18 24	4 28	4 30	3 37	11 34	5 18	19 38	1 6	12 11	0 53	18 9	2 8	6 32	0 49	19 27	0 11	11 22	17 26	7 35	7 35	18 29	13 30	1 19
F 23	8 1	17 9	3 37	4 43	3 44	11 52	5 28	19 29	1 7	12 7	0 53	18 9	2 8	6 33	0 49	19 27	0 11	11 23	17 26	7 35	7 36	18 30	13 29	1 19
S 24	7 39	14 48	2 33	4 54	3 50	12 10	5 37	19 19	1 7	12 2	0 54	18 9	2 8	6 34	0 49	19 27	0 11	11 23	17 27	7 35	7 37	18 30	13 29	1 20
S 25	7 17	11 35	1 20	5 2	3 55	12 27	5 46	19 10	1 8	11 58	0 54	18 9	2 8	6 35	0 49	19 26	0 11	11 24	17 27	7 35	7 39	18 30	13 28	1 20
M26	6 55	7 44	0 3	5 7	4 0	12 44	5 55	19 0	1 8	11 53	0 54	18 9	2 9	6 36	0 49	19 26	0 11	11 24	17 27	7 35	7 40	18 31	13 28	1 20
T 27	6 33	3 33	1s13	5 8	4 3	13 0	6 4	18 50	1 9	11 49	0 54	18 9	2 9	6 37	0 49	19 25	0 11	11 25	17 27	7 35	7 41	18 31	13 27	1 20
W28	6 10	0n43	2 22	5 6	4 6	13 15	6 13	18 40	1 9	11 44	0 54	18 9	2 9	6 38	0 49	19 25	0 11	11 25	17 27	7 35	7 42	18 32	13 26	1 20
T 29	5 47	4 50	3 23	5 0	4 7	13 29	6 22	18 30	1 9	11 40	0 54	18 9	2 9	6 39	0 49	19 25	0 11	11 26	17 27	7 35	7 43	18 32	13 26	1 20
F 30	5 25	8 38	4 12	4 50	4 7	13 42	6 31	18 20	1 10	11 35	0 54	18 9	2 9	6 39	0 49	19 24	0 11	11 26	17 28	7 36	7 45	18 33	13 25	1 21
S 31	5n 2	11n57	4s47	4s36	4s 6	13s54	6s40	18n10	1n10	11n31	0n54	18n 8	2s 9	6s40	0s49	19n24	0s11	11s27	17s28	7n36	7n46	18n33	13n25	1s21

Julian Day Number = 2301287.5, Delta T = 105.53 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°59'56, Lahiri = 18°06'57 Julian Calendar 1 Aug. 1588 == Greg. Calendar 11 Aug. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

SEPTEMBER 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 20 27	18♍15'44	27♉47	1°R30	19♎55	13♌18	2♍32	0♊16	14°R57	2♌51	11°R37	10°R37	10♍ 8	27♊29	9°R28	S 1
M 2	23 24 24	19°14'18	9♊49	0♎45	20° 2	13°56	2°45	0°R16	14♓54	2°53	11♈36	10♍36	10° 5	27°36	9♉26	M 2
T 3	23 28 20	20°12'54	21°44	29♍54	20° 6	14°33	2°58	0°16	14°52	2°55	11°35	10°D36	10° 2	27°42	9°25	T 3
W 4	23 32 17	21°11'33	3♋36	28°58	20° 9	15°11	3°11	0°16	14°50	2°56	11°34	10°37	9°59	27°49	9°23	W 4
T 5	23 36 13	22°10'14	15°32	27°58	20°R 9	15°48	3°23	0°16	14°47	2°58	11°33	10°37	9°55	27°56	9°21	T 5
F 6	23 40 10	23° 8'58	27°33	26°54	20° 7	16°26	3°36	0°15	14°45	3° 0	11°32	10°38	9°52	28° 3	9°19	F 6
S 7	23 44 6	24° 7'43	9♌46	25°49	20° 2	17° 3	3°49	0°15	14°43	3° 1	11°31	10°40	9°49	28° 9	9°17	S 7
S 8	23 48 3	25° 6'31	22°14	24°44	19°55	17°40	4° 1	0°14	14°40	3° 3	11°30	10°41	9°46	28°16	9°15	S 8
M 9	23 51 59	26° 5'20	4♍58	23°40	19°46	18°18	4°14	0°14	14°38	3° 4	11°29	10°R41	9°43	28°23	9°13	M 9
T 10	23 55 56	27° 4'12	18° 0	22°38	19°34	18°55	4°26	0°13	14°35	3° 6	11°28	10°41	9°40	28°29	9°11	T 10
W11	23 59 53	28° 3'06	1♎20	21°42	19°20	19°32	4°39	0°12	14°33	3° 7	11°26	10°40	9°36	28°36	9° 9	W11
T 12	0 3 49	29° 2'02	14°58	20°52	19° 4	20° 9	4°51	0°11	14°31	3° 9	11°25	10°39	9°33	28°43	9° 7	T 12
F 13	0 7 46	0♎ 1'00	28°50	20° 9	18°45	20°47	5° 4	0°10	14°29	3°10	11°24	10°36	9°30	28°50	9° 5	F 13
S 14	0 11 42	0°59'59	12♏53	19°35	18°24	21°24	5°16	0° 8	14°26	3°11	11°23	10°33	9°27	28°56	9° 3	S 14
S 15	0 15 39	1°59'01	27° 3	19°10	18° 1	22° 1	5°28	0° 7	14°24	3°13	11°22	10°31	9°24	29° 3	9° 0	S 15
M16	0 19 35	2°58'05	11♐18	18°55	17°36	22°38	5°41	0° 6	14°22	3°14	11°21	10°28	9°21	29°10	8°58	M16
T 17	0 23 32	3°57'10	25°32	18°D51	17° 9	23°15	5°53	0° 4	14°20	3°15	11°20	10°27	9°17	29°16	8°56	T 17
W18	0 27 28	4°56'17	9♑45	18°58	16°40	23°52	6° 5	0° 2	14°17	3°17	11°18	10°D27	9°14	29°23	8°53	W18
T 19	0 31 25	5°55'26	23°52	19°14	16° 9	24°29	6°17	0° 1	14°15	3°18	11°17	10°28	9°11	29°30	8°51	T 19
F 20	0 35 21	6°54'36	7♒54	19°41	15°37	25° 6	6°29	29♉59	14°13	3°19	11°16	10°29	9° 8	29°37	8°49	F 20
S 21	0 39 18	7°53'48	21°47	20°17	15° 3	25°42	6°41	29°57	14°11	3°20	11°15	10°31	9° 5	29°43	8°46	S 21
S 22	0 43 15	8°53'02	5♓32	21° 2	14°29	26°19	6°53	29°55	14° 9	3°21	11°14	10°R32	9° 1	29°50	8°43	S 22
M23	0 47 11	9°52'18	19° 5	21°55	13°53	26°56	7° 5	29°53	14° 7	3°22	11°13	10°32	8°58	29°57	8°41	M23
T 24	0 51 8	10°51'36	2♈27	22°56	13°17	27°33	7°17	29°50	14° 5	3°24	11°12	10°30	8°55	0♋ 3	8°38	T 24
W25	0 55 4	11°50'56	15°34	24° 3	12°40	28° 9	7°29	29°48	14° 2	3°25	11°10	10°27	8°52	0°10	8°36	W25
T 26	0 59 1	12°50'18	28°28	25°17	12° 3	28°46	7°41	29°45	14° 0	3°26	11° 9	10°22	8°49	0°17	8°33	T 26
F 27	1 2 57	13°49'42	11♉ 6	26°35	11°26	29°23	7°52	29°43	13°58	3°27	11° 8	10°16	8°46	0°24	8°30	F 27
S 28	1 6 54	14°49'08	23°30	27°58	10°50	29°59	8° 4	29°40	13°56	3°28	11° 7	10°10	8°42	0°30	8°27	S 28
S 29	1 10 50	15°48'36	5♊41	29°25	10°14	0♍36	8°16	29°37	13°55	3°29	11° 6	10° 4	8°39	0°37	8°25	S 29
M30	1 14 47	16♎48'07	17♊42	0♎55	9♎39	1♍12	8♍27	29♉35	13♓53	3♌30	11♈ 5	9♍59	8♍36	0♋44	8♉22	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n39	14n41	5s 9	4s18	4s 2	14s 6	6s49	17n59	1n11	11n26	0n54	18n 8	2s10	6s41	0s49	19n23	0s11	11s27	17s28	7n36	7n47	18n33	13n24	1s21
M 2	4 16	16 45	5 17	3 55	3 57	14 16	6 57	17 49	1 11	11 22	0 54	18 8	2 10	6 42	0 49	19 23	0 11	11 28	17 28	7 36	7 48	18 34	13 23	1 21
T 3	3 53	18 4	5 11	3 29	3 50	14 25	7 5	17 38	1 12	11 17	0 54	18 8	2 10	6 43	0 49	19 23	0 11	11 29	17 28	7 36	7 49	18 34	13 22	1 21
W 4	3 30	18 35	4 52	2 59	3 42	14 33	7 13	17 28	1 12	11 12	0 54	18 8	2 10	6 44	0 49	19 22	0 11	11 29	17 28	7 36	7 51	18 34	13 22	1 21
T 5	3 7	18 17	4 20	2 25	3 31	14 40	7 20	17 17	1 12	11 8	0 55	18 8	2 10	6 45	0 49	19 22	0 11	11 30	17 28	7 36	7 52	18 35	13 21	1 22
F 6	2 44	17 9	3 37	1 48	3 18	14 46	7 28	17 6	1 13	11 3	0 55	18 7	2 10	6 46	0 49	19 22	0 11	11 30	17 29	7 36	7 53	18 35	13 20	1 22
S 7	2 20	15 13	2 43	1 9	3 4	14 51	7 34	16 55	1 13	10 59	0 55	18 7	2 11	6 47	0 49	19 21	0 11	11 31	17 29	7 35	7 54	18 36	13 20	1 22
S 8	1 57	12 33	1 40	0 28	2 48	14 54	7 41	16 44	1 14	10 54	0 55	18 7	2 11	6 48	0 49	19 21	0 11	11 31	17 29	7 35	7 55	18 36	13 19	1 22
M 9	1 33	9 13	0 32	0n13	2 30	14 56	7 47	16 33	1 14	10 50	0 55	18 6	2 11	6 49	0 49	19 20	0 11	11 32	17 29	7 34	7 57	18 36	13 18	1 22
T 10	1 10	5 22	0n40	0 55	2 12	14 57	7 52	16 22	1 14	10 46	0 55	18 6	2 11	6 50	0 49	19 20	0 11	11 32	17 29	7 34	7 58	18 37	13 17	1 22
W11	0 47	1 10	1 52	1 35	1 52	14 56	7 57	16 11	1 15	10 41	0 55	18 6	2 11	6 50	0 49	19 20	0 11	11 33	17 29	7 35	7 59	18 37	13 16	1 22
T 12	0 23	3s10	2 58	2 13	1 32	14 54	8 2	15 59	1 15	10 37	0 55	18 5	2 11	6 51	0 49	19 20	0 11	11 33	17 29	7 36	8 0	18 37	13 16	1 23
F 13	0s 0	7 25	3 55	2 49	1 12	14 50	8 6	15 48	1 16	10 32	0 55	18 5	2 12	6 52	0 49	19 19	0 11	11 34	17 29	7 36	8 1	18 38	13 15	1 23
S 14	0 24	11 18	4 39	3 21	0 51	14 45	8 9	15 36	1 16	10 28	0 56	18 5	2 12	6 53	0 49	19 19	0 11	11 34	17 29	7 38	8 3	18 38	13 14	1 23
S 15	0 47	14 35	5 6	3 49	0 32	14 38	8 11	15 24	1 16	10 23	0 56	18 4	2 12	6 54	0 48	19 19	0 11	11 35	17 29	7 39	8 4	18 38	13 13	1 23
M16	1 11	16 59	5 14	4 12	0 13	14 30	8 13	15 13	1 17	10 19	0 56	18 4	2 12	6 55	0 48	19 18	0 11	11 35	17 29	7 39	8 5	18 39	13 12	1 23
T 17	1 34	18 21	5 4	4 30	0n 5	14 20	8 14	15 1	1 17	10 14	0 56	18 3	2 12	6 56	0 48	19 18	0 11	11 36	17 29	7 40	8 6	18 39	13 11	1 23
W18	1 58	18 34	4 34	4 43	0 22	14 9	8 14	14 49	1 18	10 10	0 56	18 3	2 12	6 56	0 48	19 18	0 11	11 36	17 30	7 40	8 7	18 39	13 10	1 23
T 19	2 21	17 37	3 49	4 51	0 38	13 57	8 14	14 37	1 18	10 6	0 56	18 2	2 13	6 57	0 48	19 17	0 11	11 37	17 30	7 40	8 9	18 40	13 10	1 24
F 20	2 45	15 36	2 50	4 53	0 52	13 43	8 12	14 25	1 18	10 1	0 56	18 2	2 13	6 58	0 48	19 17	0 11	11 37	17 30	7 39	8 10	18 40	13 9	1 24
S 21	3 8	12 41	1 41	4 51	1 5	13 27	8 10	14 13	1 19	9 57	0 56	18 1	2 13	6 59	0 48	19 17	0 11	11 38	17 30	7 38	8 11	18 40	13 8	1 24
S 22	3 32	9 5	0 27	4 44	1 16	13 10	8 6	14 1	1 19	9 53	0 57	18 1	2 13	7 0	0 48	19 17	0 11	11 38	17 30	7 38	8 12	18 41	13 7	1 24
M23	3 55	5 3	0s47	4 32	1 26	12 53	8 2	13 49	1 20	9 48	0 57	18 0	2 13	7 1	0 48	19 16	0 11	11 38	17 30	7 38	8 13	18 41	13 6	1 24
T 24	4 18	0 49	1 57	4 16	1 35	12 34	7 57	13 36	1 20	9 44	0 57	17 59	2 13	7 1	0 48	19 16	0 10	11 39	17 30	7 39	8 15	18 41	13 5	1 24
W25	4 42	3n23	3 0	3 56	1 42	12 14	7 51	13 24	1 20	9 40	0 57	17 59	2 13	7 2	0 48	19 16	0 10	11 39	17 30	7 40	8 16	18 42	13 4	1 24
T 26	5 5	7 20	3 52	3 32	1 48	11 53	7 44	13 11	1 21	9 35	0 57	17 58	2 14	7 3	0 48	19 16	0 10	11 40	17 30	7 42	8 17	18 42	13 3	1 25
F 27	5 28	10 53	4 32	3 5	1 53	11 31	7 36	12 59	1 21	9 31	0 57	17 57	2 14	7 4	0 48	19 15	0 10	11 40	17 30	7 44	8 18	18 42	13 2	1 25
S 28	5 51	13 53	4 58	2 35	1 56	11 9	7 27	12 46	1 22	9 27	0 57	17 57	2 14	7 4	0 48	19 15	0 10	11 41	17 30	7 46	8 19	18 43	13 1	1 25
S 29	6 14	16 13	5 10	2 3	1 58	10 46	7 18	12 34	1 22	9 23	0 58	17 56	2 14	7 5	0 48	19 15	0 10	11 41	17 30	7 49	8 21	18 43	13 0	1 25
M30	6s37	17n48	5s 8	1n28	2n 0	10s22	7s 8	12n21	1n22	9n19	0n58	17n55	2s14	7s 6	0s48	19n15	0s10	11s41	17s30	7n50	8n22	18n43	12n59	1s25

Julian Day Number = 2301318.5, Delta T = 105.40 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'00, Lahiri = 18°07'01 Julian Calendar 1 Sept. 1588 == Greg. Calendar 11 Sept. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

OCTOBER 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 18 44	17♎47'40	29♊36	2♎27	9°R 5	1♍49	8♍39	29°R32	13°R51	3♌30	11°R 3	9°R56	8♍33	0♋50	8°R19	T 1
W 2	1 22 40	18°47'16	11♋27	4° 2	8♎32	2°25	8°50	29♉29	13♓49	3°31	11♈ 2	9♍54	8°30	0°57	8♉16	W 2
T 3	1 26 37	19°46'53	23°21	5°39	8° 1	3° 2	9° 1	29°26	13°47	3°32	11° 1	9°D54	8°27	1° 4	8°13	T 3
F 4	1 30 33	20°46'33	5♌21	7°17	7°31	3°38	9°13	29°22	13°45	3°33	11° 0	9°55	8°23	1°11	8°10	F 4
S 5	1 34 30	21°46'15	17°34	8°56	7° 3	4°14	9°24	29°19	13°44	3°34	10°59	9°56	8°20	1°17	8° 8	S 5
S 6	1 38 26	22°46'00	0♍ 3	10°36	6°38	4°50	9°35	29°16	13°42	3°34	10°58	9°58	8°17	1°24	8° 5	S 6
M 7	1 42 23	23°45'46	12°53	12°16	6°14	5°27	9°46	29°12	13°40	3°35	10°57	9°R58	8°14	1°31	8° 2	M 7
T 8	1 46 19	24°45'35	26° 7	13°57	5°52	6° 3	9°57	29° 9	13°39	3°36	10°55	9°57	8°11	1°37	7°59	T 8
W 9	1 50 16	25°45'26	9♎44	15°38	5°33	6°39	10° 8	29° 5	13°37	3°36	10°54	9°53	8° 7	1°44	7°56	W 9
T 10	1 54 13	26°45'19	23°45	17°19	5°16	7°15	10°19	29° 1	13°35	3°37	10°53	9°48	8° 4	1°51	7°53	T 10
F 11	1 58 9	27°45'14	8♏ 4	19° 0	5° 1	7°51	10°29	28°58	13°34	3°37	10°52	9°41	8° 1	1°58	7°50	F 11
S 12	2 2 6	28°45'11	22°36	20°41	4°49	8°27	10°40	28°54	13°32	3°38	10°51	9°33	7°58	2° 4	7°47	S 12
S 13	2 6 2	29°45'10	7♐15	22°22	4°39	9° 3	10°50	28°50	13°31	3°38	10°50	9°25	7°55	2°11	7°43	S 13
M14	2 9 59	0♏45'10	21°52	24° 2	4°31	9°39	11° 1	28°46	13°29	3°39	10°49	9°18	7°52	2°18	7°40	M14
T 15	2 13 55	1°45'13	6♑23	25°42	4°26	10°14	11°11	28°42	13°28	3°39	10°48	9°13	7°48	2°24	7°37	T 15
W16	2 17 52	2°45'16	20°41	27°22	4°24	10°50	11°22	28°38	13°27	3°40	10°47	9°11	7°45	2°31	7°34	W16
T 17	2 21 48	3°45'22	4♒46	29° 2	4°D24	11°26	11°32	28°33	13°25	3°40	10°46	9°D10	7°42	2°38	7°31	T 17
F 18	2 25 45	4°45'29	18°35	0♏41	4°26	12° 2	11°42	28°29	13°24	3°40	10°45	9°11	7°39	2°44	7°28	F 18
S 19	2 29 42	5°45'37	2♓10	2°19	4°31	12°37	11°52	28°25	13°23	3°41	10°44	9°R11	7°36	2°51	7°25	S 19
S 20	2 33 38	6°45'47	15°32	3°58	4°38	13°13	12° 2	28°21	13°22	3°41	10°42	9°11	7°32	2°58	7°22	S 20
M21	2 37 35	7°45'58	28°42	5°36	4°47	13°48	12°12	28°16	13°21	3°41	10°41	9°10	7°29	3° 5	7°19	M21
T 22	2 41 31	8°46'11	11♈40	7°13	4°59	14°24	12°21	28°12	13°20	3°41	10°40	9° 5	7°26	3°11	7°16	T 22
W23	2 45 28	9°46'26	24°27	8°50	5°12	14°59	12°31	28° 7	13°19	3°41	10°39	8°58	7°23	3°18	7°13	W23
T 24	2 49 24	10°46'43	7♉ 4	10°27	5°28	15°34	12°40	28° 3	13°18	3°42	10°38	8°48	7°20	3°25	7° 9	T 24
F 25	2 53 21	11°47'01	19°30	12° 3	5°46	16°10	12°50	27°58	13°17	3°42	10°37	8°37	7°17	3°31	7° 6	F 25
S 26	2 57 17	12°47'21	1♊45	13°39	6° 5	16°45	12°59	27°53	13°16	3°42	10°37	8°24	7°13	3°38	7° 3	S 26
S 27	3 1 14	13°47'43	13°51	15°15	6°27	17°20	13° 8	27°49	13°15	3°R42	10°36	8°12	7°10	3°45	7° 0	S 27
M28	3 5 10	14°48'06	25°49	16°50	6°51	17°55	13°17	27°44	13°14	3°42	10°35	8° 1	7° 7	3°52	6°57	M28
T 29	3 9 7	15°48'32	7♋41	18°26	7°16	18°30	13°26	27°39	13°14	3°42	10°34	7°53	7° 4	3°58	6°54	T 29
W30	3 13 4	16°48'59	19°30	20° 0	7°43	19° 5	13°35	27°34	13°13	3°42	10°33	7°46	7° 1	4° 5	6°51	W30
T 31	3 17 0	17♏49'28	1♌21	21♏35	8♎12	19♍40	13♍44	27♉30	13♓12	3♌41	10♈32	7♍43	6♍58	4♋12	6♉48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s 0	18n37	4s53	0n52	2n 0	9s59	6s57	12n 8	1n23	9n14	0n58	17n55	2s14	7s 6	0s48	19n15	0s10	11s42	17s29	7n52	8n23	18n44	12n58	1s25
W 2	7 23	18 36	4 25	0 14	2 0	9 35	6 45	11 56	1 23	9 10	0 58	17 54	2 14	7 7	0 48	19 14	0 10	11 42	17 29	7 52	8 24	18 44	12 57	1 25
T 3	7 45	17 45	3 46	0s26	1 59	9 12	6 33	11 43	1 24	9 6	0 58	17 53	2 14	7 8	0 48	19 14	0 10	11 43	17 29	7 52	8 25	18 44	12 56	1 26
F 4	8 8	16 7	2 57	1 6	1 57	8 49	6 21	11 30	1 24	9 2	0 58	17 52	2 14	7 9	0 48	19 14	0 10	11 43	17 29	7 52	8 27	18 44	12 55	1 26
S 5	8 30	13 43	1 58	1 47	1 55	8 26	6 7	11 17	1 24	8 58	0 58	17 51	2 15	7 9	0 48	19 14	0 10	11 43	17 29	7 52	8 28	18 45	12 54	1 26
S 6	8 52	10 39	0 53	2 29	1 52	8 3	5 54	11 4	1 25	8 54	0 59	17 51	2 15	7 10	0 48	19 14	0 10	11 44	17 29	7 51	8 29	18 45	12 53	1 26
M 7	9 15	6 59	0n16	3 12	1 48	7 41	5 40	10 51	1 25	8 50	0 59	17 50	2 15	7 10	0 48	19 14	0 10	11 44	17 29	7 51	8 30	18 45	12 51	1 26
T 8	9 37	2 52	1 26	3 55	1 44	7 19	5 26	10 38	1 26	8 46	0 59	17 49	2 15	7 11	0 48	19 13	0 10	11 44	17 29	7 51	8 31	18 45	12 50	1 26
W 9	9 58	1s31	2 34	4 38	1 40	6 59	5 12	10 25	1 26	8 42	0 59	17 48	2 15	7 12	0 48	19 13	0 10	11 45	17 29	7 53	8 32	18 46	12 49	1 26
T 10	10 20	5 55	3 34	5 21	1 35	6 39	4 57	10 12	1 26	8 38	0 59	17 47	2 15	7 12	0 48	19 13	0 10	11 45	17 29	7 55	8 34	18 46	12 48	1 26
F 11	10 42	10 6	4 22	6 4	1 30	6 19	4 43	9 59	1 27	8 34	0 59	17 46	2 15	7 13	0 48	19 13	0 10	11 45	17 29	7 57	8 35	18 46	12 47	1 26
S 12	11 3	13 44	4 53	6 47	1 25	6 1	4 28	9 46	1 27	8 30	1 0	17 45	2 15	7 13	0 48	19 13	0 10	11 46	17 29	8 0	8 36	18 47	12 46	1 27
S 13	11 25	16 32	5 6	7 30	1 19	5 44	4 14	9 33	1 28	8 26	1 0	17 44	2 15	7 14	0 48	19 13	0 10	11 46	17 28	8 3	8 37	18 47	12 45	1 27
M14	11 46	18 16	4 59	8 12	1 13	5 28	3 59	9 20	1 28	8 22	1 0	17 44	2 15	7 14	0 48	19 13	0 10	11 46	17 28	8 6	8 38	18 47	12 44	1 27
T 15	12 7	18 47	4 33	8 55	1 7	5 12	3 45	9 6	1 28	8 19	1 0	17 43	2 15	7 15	0 48	19 13	0 10	11 47	17 28	8 8	8 40	18 47	12 43	1 27
W16	12 27	18 6	3 50	9 36	1 1	4 58	3 31	8 53	1 29	8 15	1 0	17 42	2 15	7 15	0 48	19 12	0 10	11 47	17 28	8 9	8 41	18 48	12 42	1 27
T 17	12 48	16 18	2 54	10 18	0 55	4 45	3 16	8 40	1 29	8 11	1 0	17 41	2 15	7 16	0 48	19 12	0 10	11 47	17 28	8 9	8 42	18 48	12 41	1 27
F 18	13 8	13 34	1 48	10 59	0 48	4 33	3 2	8 27	1 29	8 8	1 1	17 40	2 16	7 16	0 48	19 12	0 10	11 47	17 28	8 9	8 43	18 48	12 39	1 27
S 19	13 28	10 8	0 38	11 39	0 42	4 23	2 49	8 13	1 30	8 4	1 1	17 39	2 16	7 17	0 48	19 12	0 10	11 48	17 28	8 8	8 44	18 48	12 38	1 27
S 20	13 48	6 14	0s34	12 19	0 35	4 13	2 35	8 0	1 30	8 0	1 1	17 38	2 16	7 17	0 48	19 12	0 10	11 48	17 27	8 8	8 46	18 49	12 37	1 27
M21	14 8	2 5	1 42	12 58	0 29	4 4	2 22	7 47	1 31	7 57	1 1	17 37	2 16	7 17	0 48	19 12	0 10	11 48	17 27	8 9	8 47	18 49	12 36	1 27
T 22	14 27	2n 6	2 44	13 36	0 22	3 57	2 8	7 33	1 31	7 53	1 1	17 36	2 16	7 18	0 48	19 12	0 10	11 48	17 27	8 11	8 48	18 49	12 35	1 28
W23	14 46	6 8	3 37	14 14	0 15	3 50	1 56	7 20	1 31	7 50	1 2	17 35	2 16	7 18	0 47	19 12	0 10	11 49	17 27	8 13	8 49	18 49	12 34	1 28
T 24	15 5	9 50	4 18	14 51	0 9	3 45	1 43	7 6	1 32	7 46	1 2	17 34	2 16	7 19	0 47	19 12	0 10	11 49	17 27	8 17	8 50	18 49	12 33	1 28
F 25	15 24	13 3	4 46	15 27	0 2	3 41	1 31	6 53	1 32	7 43	1 2	17 33	2 16	7 19	0 47	19 12	0 10	11 49	17 26	8 21	8 51	18 50	12 32	1 28
S 26	15 43	15 39	5 0	16 3	0s 5	3 38	1 19	6 40	1 32	7 39	1 2	17 32	2 16	7 19	0 47	19 12	0 10	11 49	17 26	8 26	8 53	18 50	12 31	1 28
S 27	16 1	17 32	5 1	16 38	0 12	3 36	1 7	6 26	1 33	7 36	1 2	17 31	2 16	7 19	0 47	19 12	0 10	11 49	17 26	8 31	8 54	18 50	12 30	1 28
M28	16 19	18 37	4 48	17 12	0 18	3 34	0 56	6 13	1 33	7 33	1 3	17 30	2 16	7 20	0 47	19 12	0 10	11 50	17 26	8 35	8 55	18 50	12 29	1 28
T 29	16 36	18 53	4 23	17 45	0 25	3 34	0 44	5 59	1 34	7 29	1 3	17 28	2 16	7 20	0 47	19 12	0 10	11 50	17 26	8 38	8 56	18 50	12 27	1 28
W30	16 54	18 20	3 47	18 17	0 31	3 35	0 34	5 46	1 34	7 26	1 3	17 27	2 16	7 20	0 47	19 12	0 10	11 50	17 25	8 40	8 57	18 51	12 26	1 28
T 31	17s11	16n58	3s 0	18s48	0s38	3s37	0s23	5n33	1n34	7n23	1n 3	17n26	2s16	7s20	0s47	19n12	0s10	11s50	17s25	8n42	8n59	18n51	12n25	1s28

Julian Day Number = 2301348.5, Delta T = 105.27 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'05, Lahiri = 18°07'05 Julian Calendar 1 Oct. 1588 == Greg. Calendar 11 Oct. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

NOVEMBER 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 20 57	18♏49'59	13♘19	23♏ 9	8♎42	20♍15	13♍52	27°R25	13°R12	3°R41	10°R31	7°R41	6♍54	4♋18	6°R45	F 1
S 2	3 24 53	19°50'32	25°27	24°43	9°14	20°50	14° 1	27♉20	13♓11	3♘41	10♈30	7°D41	6°51	4°25	6♉42	S 2
S 3	3 28 50	20°51'06	7♍53	26°17	9°48	21°25	14° 9	27°15	13°11	3°41	10°29	7°R41	6°48	4°32	6°39	S 3
M 4	3 32 46	21°51'42	20°41	27°51	10°23	21°59	14°18	27°10	13°10	3°41	10°28	7♍41	6°45	4°39	6°36	M 4
T 5	3 36 43	22°52'21	3♎55	29°24	10°59	22°34	14°26	27° 5	13°10	3°40	10°28	7°38	6°42	4°45	6°33	T 5
W 6	3 40 39	23°53'00	17°37	0♐57	11°37	23° 9	14°34	27° 0	13° 9	3°40	10°27	7°33	6°38	4°52	6°30	W 6
T 7	3 44 36	24°53'42	1♏48	2°30	12°16	23°43	14°41	26°55	13° 9	3°40	10°26	7°25	6°35	4°59	6°27	T 7
F 8	3 48 33	25°54'25	16°24	4° 3	12°56	24°17	14°49	26°51	13° 9	3°39	10°25	7°15	6°32	5° 5	6°24	F 8
S 9	3 52 29	26°55'09	1♐19	5°36	13°37	24°52	14°57	26°46	13° 9	3°39	10°25	7° 3	6°29	5°12	6°21	S 9
S 10	3 56 26	27°55'55	16°24	7° 9	14°19	25°26	15° 4	26°41	13° 8	3°38	10°24	6°52	6°26	5°19	6°18	S 10
M11	4 0 22	28°56'42	1♑27	8°41	15° 3	26° 0	15°12	26°36	13° 8	3°38	10°23	6°41	6°23	5°25	6°16	M11
T 12	4 4 19	29°57'30	16°20	10°13	15°48	26°34	15°19	26°31	13°D 8	3°37	10°22	6°33	6°19	5°32	6°13	T 12
W13	4 8 15	0♐58'19	0♒56	11°46	16°33	27° 9	15°26	26°26	13° 8	3°37	10°22	6°28	6°16	5°39	6°10	W13
T 14	4 12 12	1°59'09	15°10	13°18	17°20	27°42	15°33	26°21	13° 8	3°36	10°21	6°26	6°13	5°46	6° 7	T 14
F 15	4 16 8	3° 0'00	29° 2	14°49	18° 7	28°16	15°39	26°16	13° 9	3°35	10°20	6°25	6°10	5°52	6° 5	F 15
S 16	4 20 5	4° 0'52	12♓32	16°21	18°56	28°50	15°46	26°11	13° 9	3°35	10°20	6°25	6° 7	5°59	6° 2	S 16
S 17	4 24 2	5° 1'44	25°43	17°53	19°45	29°24	15°53	26° 6	13° 9	3°34	10°19	6°24	6° 4	6° 6	5°59	S 17
M18	4 27 58	6° 2'38	8♈37	19°24	20°35	29°58	15°59	26° 2	13° 9	3°33	10°19	6°21	6° 0	6°12	5°57	M18
T 19	4 31 55	7° 3'32	21°18	20°55	21°26	0♎31	16° 5	25°57	13°10	3°33	10°18	6°16	5°57	6°19	5°54	T 19
W20	4 35 51	8° 4'27	3♉48	22°26	22°18	1° 5	16°11	25°52	13°10	3°32	10°17	6° 7	5°54	6°26	5°52	W20
T 21	4 39 48	9° 5'23	16° 8	23°56	23°10	1°38	16°17	25°47	13°10	3°31	10°17	5°56	5°51	6°33	5°49	T 21
F 22	4 43 44	10° 6'20	28°21	25°26	24° 3	2°11	16°23	25°43	13°11	3°30	10°16	5°42	5°48	6°39	5°47	F 22
S 23	4 47 41	11° 7'17	10♊26	26°56	24°57	2°45	16°28	25°38	13°11	3°29	10°16	5°27	5°44	6°46	5°44	S 23
S 24	4 51 37	12° 8'16	22°25	28°24	25°52	3°18	16°33	25°33	13°12	3°28	10°15	5°12	5°41	6°53	5°42	S 24
M25	4 55 34	13° 9'16	4♋19	29°53	26°47	3°51	16°39	25°29	13°13	3°28	10°15	4°59	5°38	6°59	5°40	M25
T 26	4 59 31	14°10'16	16° 9	1♑20	27°43	4°24	16°44	25°24	13°13	3°27	10°15	4°48	5°35	7° 6	5°37	T 26
W27	5 3 27	15°11'18	27°58	2°47	28°39	4°57	16°49	25°20	13°14	3°26	10°14	4°40	5°32	7°13	5°35	W27
T 28	5 7 24	16°12'20	9♘49	4°12	29°36	5°30	16°53	25°15	13°15	3°25	10°14	4°34	5°29	7°19	5°33	T 28
F 29	5 11 20	17°13'23	21°45	5°36	0♏34	6° 2	16°58	25°11	13°16	3°24	10°13	4°32	5°25	7°26	5°31	F 29
S 30	5 15 17	18♐14'27	3♍52	6♑58	1♏32	6♎35	17♍ 2	25♉ 7	13♓16	3♘22	10♈13	4°D31	5♍22	7♋33	5♉29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s28	14n51	2s 6	19s19	0s44	3s39	0s13	5n19	1n35	7n20	1n 3	17n25	2s16	7s21	0s47	19n12	0s10	11s50	17s25	8n42	9n 0	18n51	12n24	1s28
S 2	17 44	12 3	1 5	19 48	0 50	3 43	0 3	5 6	1 35	7 17	1 4	17 24	2 16	7 21	0 47	19 12	0 10	11 50	17 25	8 42	9 1	18 51	12 23	1 28
S 3	18 0	8 39	0n 1	20 17	0 56	3 47	0n 7	4 52	1 35	7 14	1 4	17 23	2 16	7 21	0 47	19 12	0 10	11 50	17 24	8 42	9 2	18 51	12 22	1 29
M 4	18 16	4 45	1 8	20 44	1 2	3 52	0 16	4 39	1 36	7 11	1 4	17 22	2 16	7 21	0 47	19 12	0 10	11 50	17 24	8 42	9 3	18 52	12 21	1 29
T 5	18 32	0 30	2 14	21 11	1 8	3 58	0 25	4 26	1 36	7 8	1 4	17 21	2 16	7 21	0 47	19 12	0 10	11 50	17 24	8 43	9 4	18 52	12 20	1 29
W 6	18 47	3s56	3 15	21 36	1 14	4 5	0 34	4 12	1 37	7 5	1 5	17 20	2 15	7 21	0 47	19 13	0 10	11 51	17 24	8 45	9 6	18 52	12 19	1 29
T 7	19 2	8 17	4 5	22 0	1 20	4 13	0 42	3 59	1 37	7 2	1 5	17 19	2 15	7 21	0 47	19 13	0 10	11 51	17 23	8 48	9 7	18 52	12 18	1 29
F 8	19 16	12 17	4 41	22 24	1 25	4 21	0 50	3 46	1 37	6 59	1 5	17 18	2 15	7 21	0 47	19 13	0 10	11 51	17 23	8 52	9 8	18 52	12 17	1 29
S 9	19 31	15 35	4 59	22 46	1 30	4 30	0 58	3 32	1 38	6 57	1 5	17 17	2 15	7 21	0 47	19 13	0 10	11 51	17 23	8 56	9 9	18 53	12 16	1 29
S 10	19 44	17 53	4 56	23 7	1 35	4 39	1 6	3 19	1 38	6 54	1 5	17 16	2 15	7 22	0 47	19 13	0 10	11 51	17 23	9 1	9 10	18 53	12 15	1 29
M11	19 58	18 56	4 33	23 27	1 40	4 49	1 13	3 6	1 38	6 51	1 6	17 15	2 15	7 21	0 47	19 13	0 10	11 51	17 22	9 5	9 11	18 53	12 14	1 29
T 12	20 11	18 39	3 52	23 46	1 45	5 0	1 20	2 53	1 39	6 49	1 6	17 14	2 15	7 21	0 47	19 13	0 10	11 51	17 22	9 7	9 13	18 53	12 13	1 29
W13	20 24	17 8	2 56	24 3	1 49	5 11	1 27	2 39	1 39	6 46	1 6	17 13	2 15	7 21	0 47	19 13	0 10	11 51	17 22	9 9	9 14	18 53	12 12	1 29
T 14	20 36	14 34	1 50	24 19	1 54	5 23	1 33	2 26	1 40	6 44	1 6	17 12	2 15	7 21	0 47	19 13	0 10	11 51	17 22	9 10	9 15	18 53	12 11	1 29
F 15	20 48	11 14	0 39	24 34	1 58	5 36	1 39	2 13	1 40	6 41	1 7	17 10	2 15	7 21	0 47	19 14	0 10	11 51	17 21	9 11	9 16	18 54	12 10	1 29
S 16	21 0	7 22	0s32	24 48	2 1	5 48	1 45	2 0	1 40	6 39	1 7	17 9	2 15	7 21	0 47	19 14	0 10	11 51	17 21	9 11	9 17	18 54	12 9	1 29
S 17	21 11	3 14	1 40	25 0	2 5	6 2	1 51	1 47	1 41	6 37	1 7	17 8	2 15	7 21	0 47	19 14	0 10	11 51	17 21	9 11	9 19	18 54	12 8	1 29
M18	21 22	0n57	2 41	25 11	2 8	6 16	1 56	1 34	1 41	6 35	1 7	17 7	2 14	7 21	0 46	19 14	0 10	11 51	17 20	9 12	9 20	18 54	12 8	1 29
T 19	21 32	5 2	3 33	25 21	2 10	6 30	2 2	1 21	1 41	6 32	1 8	17 6	2 14	7 21	0 46	19 14	0 10	11 50	17 20	9 14	9 21	18 54	12 7	1 29
W20	21 42	8 50	4 14	25 29	2 13	6 44	2 7	1 7	1 42	6 30	1 8	17 5	2 14	7 21	0 46	19 14	0 10	11 50	17 20	9 17	9 22	18 54	12 6	1 30
T 21	21 52	12 12	4 42	25 36	2 15	6 59	2 11	0 55	1 42	6 28	1 8	17 4	2 14	7 20	0 46	19 15	0 10	11 50	17 19	9 21	9 23	18 54	12 5	1 30
F 22	22 1	15 0	4 57	25 41	2 17	7 15	2 16	0 42	1 42	6 26	1 8	17 3	2 14	7 20	0 46	19 15	0 10	11 50	17 19	9 27	9 24	18 54	12 4	1 30
S 23	22 9	17 8	4 58	25 45	2 18	7 30	2 20	0 29	1 43	6 24	1 9	17 2	2 14	7 20	0 46	19 15	0 10	11 50	17 19	9 32	9 26	18 55	12 3	1 30
S 24	22 18	18 30	4 46	25 47	2 18	7 46	2 24	0 16	1 43	6 22	1 9	17 2	2 14	7 20	0 46	19 15	0 10	11 50	17 18	9 37	9 27	18 55	12 2	1 30
M25	22 26	19 3	4 22	25 48	2 19	8 3	2 28	0 3	1 44	6 21	1 9	17 1	2 14	7 19	0 46	19 16	0 10	11 50	17 18	9 42	9 28	18 55	12 2	1 30
T 26	22 33	18 46	3 46	25 47	2 18	8 19	2 32	0s10	1 44	6 19	1 9	17 0	2 13	7 19	0 46	19 16	0 10	11 50	17 18	9 46	9 29	18 55	12 1	1 30
W27	22 40	17 40	3 1	25 45	2 18	8 36	2 35	0 23	1 44	6 17	1 10	16 59	2 13	7 19	0 46	19 16	0 10	11 50	17 17	9 49	9 30	18 55	12 0	1 30
T 28	22 46	15 47	2 7	25 42	2 16	8 53	2 38	0 35	1 45	6 16	1 10	16 58	2 13	7 18	0 46	19 16	0 10	11 49	17 17	9 51	9 31	18 55	11 59	1 30
F 29	22 53	13 13	1 7	25 36	2 14	9 11	2 41	0 48	1 45	6 14	1 10	16 57	2 13	7 18	0 46	19 16	0 10	11 49	17 17	9 52	9 33	18 55	11 59	1 30
S 30	22s58	10n 4	0s 4	25s30	2s12	9s28	2n44	1s 0	1n45	6n13	1n11	16n56	2s13	7s18	0s46	19n17	0s10	11s49	17s16	9n52	9n34	18n55	11n58	1s30

Julian Day Number = 2301379.5, Delta T = 105.13 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'09, Lahiri = 18°07'09 Julian Calendar 1 Nov. 1588 == Greg. Calendar 11 Nov. 1588

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ASTRODIENST EPHEMERIS for the year 1588
geocentric

DECEMBER 1588 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 19 13	19♐15'32	16♍13	8♑19	2♏30	7♎ 8	17♍ 7	25°R 2	13♓17	3°R21	10°R13	4°R31	5♍19	7♋40	5°R27	S 1
M 2	5 23 10	20°16'38	28°55	9°37	3°29	7°40	17°11	24♉58	13°18	3♎20	10♈13	4♍31	5°16	7°46	5♉25	M 2
T 3	5 27 6	21°17'45	12♎ 2	10°53	4°29	8°12	17°15	24°54	13°19	3°19	10°12	4°29	5°13	7°53	5°23	T 3
W 4	5 31 3	22°18'53	25°38	12° 6	5°29	8°44	17°18	24°50	13°20	3°18	10°12	4°25	5°10	8° 0	5°21	W 4
T 5	5 35 0	23°20'01	9♏44	13°15	6°30	9°17	17°22	24°46	13°22	3°17	10°12	4°19	5° 6	8° 6	5°19	T 5
F 6	5 38 56	24°21'11	24°20	14°20	7°31	9°49	17°25	24°42	13°23	3°16	10°12	4°10	5° 3	8°13	5°17	F 6
S 7	5 42 53	25°22'21	9♐20	15°21	8°32	10°20	17°28	24°38	13°24	3°14	10°11	3°59	5° 0	8°20	5°16	S 7
S 8	5 46 49	26°23'31	24°35	16°16	9°34	10°52	17°31	24°34	13°25	3°13	10°11	3°48	4°57	8°26	5°14	S 8
M 9	5 50 46	27°24'42	9♑54	17° 4	10°36	11°24	17°34	24°30	13°27	3°12	10°11	3°39	4°54	8°33	5°12	M 9
T 10	5 54 42	28°25'53	25° 6	17°46	11°38	11°55	17°37	24°27	13°28	3°10	10°11	3°31	4°50	8°40	5°11	T 10
W11	5 58 39	29°27'04	10♒ 1	18°20	12°41	12°27	17°39	24°23	13°29	3° 9	10°11	3°26	4°47	8°47	5° 9	W11
T 12	6 2 36	0♑28'15	24°33	18°45	13°44	12°58	17°41	24°20	13°31	3° 8	10°11	3°24	4°44	8°53	5° 8	T 12
F 13	6 6 32	1°29'26	8♓37	19° 0	14°48	13°29	17°43	24°16	13°32	3° 6	10°11	3°D24	4°41	9° 0	5° 6	F 13
S 14	6 10 29	2°30'37	22°15	19°R 4	15°51	14° 0	17°45	24°13	13°34	3° 5	10°11	3°25	4°38	9° 7	5° 5	S 14
S 15	6 14 25	3°31'48	5♈27	18°57	16°56	14°31	17°47	24°10	13°36	3° 4	10°D11	3°R25	4°35	9°13	5° 4	S 15
M16	6 18 22	4°32'58	18°19	18°39	18° 0	15° 2	17°48	24° 7	13°37	3° 2	10°11	3°24	4°31	9°20	5° 3	M16
T 17	6 22 18	5°34'08	0♉53	18° 8	19° 5	15°32	17°50	24° 3	13°39	3° 1	10°11	3°21	4°28	9°27	5° 2	T 17
W18	6 26 15	6°35'18	13°13	17°26	20°10	16° 3	17°51	24° 1	13°41	2°59	10°11	3°15	4°25	9°33	5° 0	W18
T 19	6 30 11	7°36'28	25°22	16°33	21°15	16°33	17°52	23°58	13°43	2°58	10°11	3° 7	4°22	9°40	4°59	T 19
F 20	6 34 8	8°37'38	7♊24	15°31	22°20	17° 3	17°52	23°55	13°44	2°56	10°11	2°57	4°19	9°47	4°58	F 20
S 21	6 38 5	9°38'47	19°21	14°20	23°26	17°33	17°53	23°52	13°46	2°55	10°11	2°46	4°16	9°54	4°58	S 21
S 22	6 42 1	10°39'56	1♋14	13° 4	24°32	18° 3	17°53	23°50	13°48	2°53	10°11	2°35	4°12	10° 0	4°57	S 22
M23	6 45 58	11°41'05	13° 5	11°44	25°39	18°33	17°R54	23°47	13°50	2°52	10°12	2°25	4° 9	10° 7	4°56	M23
T 24	6 49 54	12°42'14	24°56	10°24	26°45	19° 3	17°53	23°45	13°52	2°50	10°12	2°17	4° 6	10°14	4°55	T 24
W25	6 53 51	13°43'22	6♌48	9° 5	27°52	19°32	17°53	23°42	13°54	2°49	10°12	2°11	4° 3	10°20	4°55	W25
T 26	6 57 47	14°44'31	18°43	7°51	28°59	20° 1	17°53	23°40	13°56	2°47	10°12	2° 8	4° 0	10°27	4°54	T 26
F 27	7 1 44	15°45'39	0♍44	6°42	0♐ 6	20°31	17°52	23°38	13°58	2°45	10°13	2°D 7	3°56	10°34	4°53	F 27
S 28	7 5 40	16°46'47	12°55	5°42	1°13	21° 0	17°51	23°36	14° 1	2°44	10°13	2° 7	3°53	10°40	4°53	S 28
S 29	7 9 37	17°47'54	25°18	4°50	2°21	21°28	17°50	23°34	14° 3	2°42	10°13	2° 9	3°50	10°47	4°53	S 29
M30	7 13 34	18°49'02	7♎58	4° 8	3°29	21°57	17°49	23°33	14° 5	2°41	10°13	2°10	3°47	10°54	4°52	M30
T 31	7 17 30	19♑50'09	21♎ 0	3♑35	4♐36	22♎25	17♍48	23♉31	14♓ 7	2♎39	10♈14	2°R11	3♍44	11♋ 1	4♉52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	6n24	1n 2	25s22	2s 8	9s46	2n47	1s13	1n46	6n11	1n11	16n55	2s13	7s17	0s46	19n17	0s10	11s49	17s16	9n52	9n35	18n55	11n57	1s30
M 2	23 8	2 21	2 6	25 12	2 4	10 3	2 49	1 25	1 46	6 10	1 11	16 54	2 12	7 17	0 46	19 17	0 10	11 49	17 16	9 52	9 36	18 56	11 56	1 30
T 3	23 12	1s55	3 5	25 1	1 59	10 21	2 51	1 38	1 46	6 9	1 11	16 54	2 12	7 16	0 46	19 18	0 10	11 48	17 15	9 53	9 37	18 56	11 56	1 30
W 4	23 16	6 15	3 56	24 49	1 53	10 39	2 53	1 50	1 47	6 7	1 12	16 53	2 12	7 16	0 46	19 18	0 10	11 48	17 15	9 55	9 38	18 56	11 55	1 30
T 5	23 19	10 24	4 35	24 35	1 46	10 57	2 55	2 3	1 47	6 6	1 12	16 52	2 12	7 16	0 46	19 18	0 10	11 48	17 15	9 57	9 40	18 56	11 55	1 30
F 6	23 22	14 5	4 58	24 21	1 38	11 16	2 57	2 15	1 48	6 5	1 12	16 51	2 12	7 15	0 46	19 18	0 10	11 48	17 14	10 0	9 41	18 56	11 54	1 30
S 7	23 25	16 56	5 1	24 5	1 29	11 34	2 58	2 27	1 48	6 4	1 12	16 51	2 11	7 15	0 46	19 19	0 10	11 47	17 14	10 4	9 42	18 56	11 53	1 30
S 8	23 26	18 40	4 43	23 49	1 19	11 52	3 0	2 39	1 48	6 3	1 13	16 50	2 11	7 14	0 46	19 19	0 10	11 47	17 13	10 8	9 43	18 56	11 53	1 30
M 9	23 28	19 3	4 5	23 31	1 8	12 10	3 1	2 51	1 49	6 3	1 13	16 49	2 11	7 13	0 46	19 19	0 10	11 47	17 13	10 12	9 44	18 56	11 52	1 30
T 10	23 29	18 4	3 9	23 14	0 56	12 29	3 2	3 3	1 49	6 2	1 13	16 48	2 11	7 13	0 46	19 20	0 10	11 47	17 13	10 14	9 45	18 56	11 52	1 30
W11	23 29	15 50	2 1	22 56	0 42	12 47	3 2	3 15	1 49	6 1	1 14	16 48	2 11	7 12	0 46	19 20	0 10	11 46	17 12	10 16	9 47	18 56	11 51	1 30
T 12	23 29	12 38	0 47	22 38	0 27	13 5	3 3	3 27	1 50	6 0	1 14	16 47	2 10	7 12	0 46	19 20	0 10	11 46	17 12	10 17	9 48	18 56	11 51	1 30
F 13	23 29	8 47	0s28	22 20	0 11	13 23	3 4	3 39	1 50	6 0	1 14	16 47	2 10	7 11	0 45	19 21	0 10	11 46	17 12	10 17	9 49	18 56	11 50	1 30
S 14	23 28	4 36	1 39	22 2	0n 6	13 41	3 4	3 50	1 50	5 59	1 14	16 46	2 10	7 10	0 45	19 21	0 10	11 45	17 11	10 17	9 50	18 56	11 50	1 30
S 15	23 27	0 19	2 43	21 45	0 24	13 59	3 4	4 2	1 51	5 59	1 15	16 45	2 10	7 10	0 45	19 21	0 10	11 45	17 11	10 16	9 51	18 57	11 49	1 30
M16	23 25	3n52	3 36	21 29	0 43	14 17	3 4	4 14	1 51	5 59	1 15	16 45	2 9	7 9	0 45	19 22	0 10	11 45	17 11	10 17	9 52	18 57	11 49	1 30
T 17	23 22	7 46	4 18	21 14	1 2	14 35	3 4	4 25	1 51	5 58	1 15	16 44	2 9	7 8	0 45	19 22	0 10	11 44	17 10	10 18	9 53	18 57	11 49	1 30
W18	23 20	11 16	4 47	21 0	1 21	14 52	3 4	4 36	1 52	5 58	1 16	16 44	2 9	7 8	0 45	19 22	0 10	11 44	17 10	10 20	9 55	18 57	11 48	1 30
T 19	23 16	14 15	5 2	20 48	1 41	15 10	3 3	4 48	1 52	5 58	1 16	16 43	2 9	7 7	0 45	19 23	0 10	11 44	17 9	10 23	9 56	18 57	11 48	1 30
F 20	23 13	16 35	5 4	20 36	1 59	15 27	3 3	4 59	1 52	5 58	1 16	16 43	2 8	7 6	0 45	19 23	0 10	11 43	17 9	10 27	9 57	18 57	11 47	1 30
S 21	23 8	18 12	4 53	20 27	2 17	15 44	3 2	5 10	1 53	5 58	1 16	16 43	2 8	7 5	0 45	19 23	0 10	11 43	17 9	10 31	9 58	18 57	11 47	1 30
S 22	23 4	19 1	4 28	20 18	2 33	16 1	3 1	5 21	1 53	5 58	1 17	16 42	2 8	7 5	0 45	19 24	0 10	11 42	17 8	10 35	9 59	18 57	11 47	1 30
M23	22 59	18 59	3 53	20 11	2 48	16 17	3 1	5 32	1 53	5 59	1 17	16 42	2 8	7 4	0 45	19 24	0 10	11 42	17 8	10 38	10 0	18 57	11 47	1 30
T 24	22 53	18 8	3 7	20 6	3 0	16 34	2 59	5 43	1 54	5 59	1 17	16 41	2 7	7 3	0 45	19 24	0 10	11 42	17 8	10 41	10 2	18 57	11 46	1 30
W25	22 47	16 29	2 12	20 2	3 9	16 50	2 58	5 54	1 54	5 59	1 18	16 41	2 7	7 2	0 45	19 25	0 10	11 41	17 7	10 43	10 3	18 57	11 46	1 30
T 26	22 40	14 6	1 12	20 0	3 16	17 6	2 57	6 5	1 54	6 0	1 18	16 41	2 7	7 1	0 45	19 25	0 10	11 41	17 7	10 44	10 4	18 57	11 46	1 30
F 27	22 33	11 7	0 7	19 59	3 21	17 21	2 56	6 15	1 55	6 0	1 18	16 41	2 7	7 1	0 45	19 25	0 10	11 40	17 7	10 45	10 5	18 57	11 46	1 30
S 28	22 26	7 37	0n58	19 59	3 23	17 36	2 54	6 26	1 55	6 1	1 18	16 40	2 6	7 0	0 45	19 26	0 10	11 40	17 6	10 44	10 6	18 57	11 46	1 30
S 29	22 18	3 45	2 2	20 1	3 23	17 51	2 53	6 36	1 55	6 1	1 19	16 40	2 6	6 59	0 45	19 26	0 10	11 39	17 6	10 44	10 7	18 57	11 46	1 30
M30	22 10	0s23	3 2	20 5	3 21	18 6	2 51	6 47	1 56	6 2	1 19	16 40	2 6	6 58	0 45	19 27	0 10	11 39	17 5	10 43	10 9	18 57	11 45	1 30
T 31	22s 1	4s36	3n54	20s10	3n17	18s20	2n49	6s57	1n56	6n 3	1n19	16n40	2s 6	6s57	0s45	19n27	0s10	11s38	17s 5	10n43	10n10	18n57	11n45	1s30

Julian Day Number = 2301409.5, Delta T = 105.00 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'13, Lahiri = 18°07'13 Julian Calendar 1 Dec. 1588 == Greg. Calendar 11 Dec. 1588

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

JANUARY 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 21 27	20♑51'16	4♏27	3°R11	5♐45	22♎54	17°R46	23°R29	14♓10	2°R37	10♈14	2°R10	3♍41	11♋ 7	4°R52	W 1
T 2	7 25 23	21°52'23	18°21	2♑58	6°53	23°22	17♍44	23♉28	14°12	2♌36	10°15	2♍ 7	3°37	11°14	4♉52	T 2
F 3	7 29 20	22°53'29	2♐43	2°D53	8° 1	23°50	17°43	23°27	14°14	2°34	10°15	2° 3	3°34	11°21	4°52	F 3
S 4	7 33 16	23°54'36	17°29	2°56	9°10	24°17	17°40	23°25	14°17	2°32	10°16	1°57	3°31	11°27	4°D51	S 4
S 5	7 37 13	24°55'42	2♑35	3° 7	10°19	24°45	17°38	23°24	14°19	2°31	10°16	1°51	3°28	11°34	4°52	S 5
M 6	7 41 9	25°56'47	17°49	3°25	11°28	25°12	17°36	23°23	14°22	2°29	10°17	1°46	3°25	11°41	4°52	M 6
T 7	7 45 6	26°57'51	3♒ 4	3°50	12°37	25°39	17°33	23°22	14°24	2°27	10°17	1°42	3°22	11°47	4°52	T 7
W 8	7 49 3	27°58'55	18° 6	4°20	13°46	26° 6	17°30	23°22	14°27	2°26	10°18	1°39	3°18	11°54	4°52	W 8
T 9	7 52 59	28°59'58	2♓50	4°56	14°55	26°32	17°27	23°21	14°30	2°24	10°18	1°D39	3°15	12° 1	4°52	T 9
F 10	7 56 56	0♒ 0'59	17° 7	5°37	16° 4	26°59	17°24	23°21	14°32	2°22	10°19	1°39	3°12	12° 7	4°53	F 10
S 11	8 0 52	1° 2'00	0♈58	6°23	17°14	27°25	17°20	23°20	14°35	2°21	10°19	1°41	3° 9	12°14	4°53	S 11
S 12	8 4 49	2° 2'59	14°20	7°12	18°24	27°51	17°16	23°20	14°38	2°19	10°20	1°42	3° 6	12°21	4°54	S 12
M13	8 8 45	3° 3'57	27°18	8° 5	19°33	28°17	17°13	23°20	14°40	2°17	10°21	1°R43	3° 2	12°28	4°54	M13
T 14	8 12 42	4° 4'54	9♉54	9° 2	20°43	28°42	17° 9	23°D19	14°43	2°15	10°21	1°43	2°59	12°34	4°55	T 14
W15	8 16 38	5° 5'50	22°13	10° 1	21°53	29° 7	17° 5	23°20	14°46	2°14	10°22	1°42	2°56	12°41	4°56	W15
T 16	8 20 35	6° 6'44	4♊20	11° 3	23° 3	29°32	17° 0	23°20	14°49	2°12	10°23	1°40	2°53	12°48	4°56	T 16
F 17	8 24 32	7° 7'37	16°17	12° 8	24°14	29°57	16°56	23°20	14°52	2°10	10°23	1°36	2°50	12°54	4°57	F 17
S 18	8 28 28	8° 8'28	28° 9	13°15	25°24	0♏21	16°51	23°20	14°55	2° 9	10°24	1°32	2°47	13° 1	4°58	S 18
S 19	8 32 25	9° 9'19	9♋59	14°24	26°34	0°46	16°46	23°21	14°58	2° 7	10°25	1°28	2°43	13° 8	4°59	S 19
M20	8 36 21	10°10'08	21°50	15°35	27°45	1° 9	16°41	23°21	15° 1	2° 5	10°26	1°24	2°40	13°14	5° 0	M20
T 21	8 40 18	11°10'56	3♌43	16°48	28°55	1°33	16°36	23°22	15° 4	2° 4	10°27	1°21	2°37	13°21	5° 1	T 21
W22	8 44 14	12°11'42	15°41	18° 3	0♑ 6	1°56	16°31	23°23	15° 7	2° 2	10°27	1°19	2°34	13°28	5° 2	W22
T 23	8 48 11	13°12'27	27°46	19°19	1°17	2°19	16°26	23°24	15°10	2° 0	10°28	1°D19	2°31	13°34	5° 3	T 23
F 24	8 52 7	14°13'11	9♍59	20°37	2°28	2°42	16°20	23°25	15°13	1°59	10°29	1°19	2°27	13°41	5° 5	F 24
S 25	8 56 4	15°13'54	22°22	21°56	3°39	3° 5	16°14	23°26	15°16	1°57	10°30	1°20	2°24	13°48	5° 6	S 25
S 26	9 0 1	16°14'35	4♎57	23°16	4°50	3°27	16° 8	23°27	15°19	1°55	10°31	1°21	2°21	13°55	5° 7	S 26
M27	9 3 57	17°15'15	17°46	24°38	6° 1	3°49	16° 2	23°29	15°22	1°54	10°32	1°22	2°18	14° 1	5° 9	M27
T 28	9 7 54	18°15'54	0♏52	26° 0	7°12	4°10	15°56	23°30	15°25	1°52	10°33	1°23	2°15	14° 8	5°10	T 28
W29	9 11 50	19°16'32	14°17	27°24	8°23	4°31	15°50	23°32	15°28	1°51	10°34	1°R24	2°12	14°15	5°12	W29
T 30	9 15 47	20°17'09	28° 3	28°49	9°34	4°52	15°44	23°34	15°31	1°49	10°35	1°24	2° 8	14°21	5°13	T 30
F 31	9 19 43	21♒17'45	12♐10	0♒16	10♑46	5♏12	15♍37	23♉35	15♓34	1♌47	10♈36	1♍23	2♍ 5	14♋28	5♉15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s52	8s42	4n35	20s15	3n12	18s34	2n47	7s 7	1n56	6n 4	1n19	16n40	2s 5	6s56	0s45	19n27	0s10	11s38	17s 5	10n44	10n11	18n57	11n45	1s30
T 2	21 43	12 29	5 2	20 22	3 5	18 47	2 45	7 17	1 57	6 5	1 20	16 40	2 5	6 55	0 45	19 28	0 10	11 37	17 4	10 45	10 12	18 57	11 45	1 30
F 3	21 33	15 40	5 11	20 30	2 58	19 1	2 43	7 27	1 57	6 6	1 20	16 40	2 5	6 54	0 45	19 28	0 10	11 37	17 4	10 46	10 13	18 57	11 45	1 30
S 4	21 22	17 56	4 59	20 38	2 49	19 13	2 41	7 37	1 57	6 7	1 20	16 40	2 4	6 53	0 45	19 29	0 10	11 36	17 4	10 48	10 14	18 57	11 45	1 30
S 5	21 11	19 1	4 27	20 47	2 40	19 26	2 39	7 47	1 58	6 8	1 21	16 40	2 4	6 52	0 45	19 29	0 10	11 36	17 3	10 50	10 15	18 57	11 45	1 30
M 6	21 0	18 44	3 36	20 56	2 31	19 38	2 36	7 56	1 58	6 9	1 21	16 40	2 4	6 51	0 45	19 29	0 10	11 35	17 3	10 52	10 17	18 57	11 45	1 30
T 7	20 49	17 5	2 30	21 5	2 21	19 49	2 34	8 6	1 58	6 11	1 21	16 40	2 4	6 50	0 45	19 30	0 10	11 35	17 3	10 54	10 18	18 57	11 45	1 30
W 8	20 37	14 16	1 13	21 14	2 11	20 0	2 31	8 15	1 59	6 12	1 21	16 40	2 3	6 49	0 45	19 30	0 10	11 34	17 2	10 55	10 19	18 57	11 45	1 30
T 9	20 24	10 35	0s 6	21 23	2 1	20 10	2 29	8 25	1 59	6 13	1 22	16 40	2 3	6 48	0 45	19 31	0 10	11 34	17 2	10 55	10 20	18 57	11 45	1 30
F 10	20 11	6 23	1 24	21 32	1 50	20 21	2 26	8 34	1 59	6 15	1 22	16 40	2 3	6 47	0 45	19 31	0 10	11 33	17 2	10 55	10 21	18 57	11 46	1 30
S 11	19 58	1 58	2 34	21 40	1 40	20 30	2 23	8 43	1 59	6 16	1 22	16 40	2 3	6 46	0 45	19 31	0 10	11 33	17 1	10 54	10 22	18 57	11 46	1 30
S 12	19 45	2n24	3 33	21 48	1 30	20 39	2 20	8 52	2 0	6 18	1 22	16 40	2 2	6 45	0 45	19 32	0 10	11 32	17 1	10 53	10 24	18 57	11 46	1 30
M13	19 31	6 30	4 19	21 55	1 19	20 48	2 17	9 1	2 0	6 20	1 23	16 41	2 2	6 44	0 44	19 32	0 10	11 32	17 1	10 53	10 25	18 57	11 46	1 30
T 14	19 17	10 12	4 52	22 2	1 9	20 56	2 14	9 10	2 0	6 22	1 23	16 41	2 2	6 43	0 44	19 32	0 10	11 31	17 0	10 53	10 26	18 57	11 46	1 30
W15	19 2	13 22	5 10	22 8	0 59	21 3	2 11	9 18	2 1	6 24	1 23	16 41	2 1	6 42	0 44	19 33	0 10	11 31	17 0	10 53	10 27	18 56	11 47	1 30
T 16	18 47	15 55	5 14	22 13	0 49	21 10	2 8	9 27	2 1	6 25	1 23	16 41	2 1	6 41	0 44	19 33	0 10	11 30	17 0	10 54	10 28	18 56	11 47	1 30
F 17	18 32	17 45	5 4	22 17	0 39	21 17	2 5	9 35	2 1	6 27	1 24	16 42	2 1	6 39	0 44	19 34	0 10	11 29	16 59	10 56	10 29	18 56	11 47	1 30
S 18	18 16	18 48	4 41	22 20	0 30	21 23	2 2	9 44	2 1	6 29	1 24	16 42	2 1	6 38	0 44	19 34	0 10	11 29	16 59	10 57	10 30	18 56	11 47	1 30
S 19	18 0	19 1	4 6	22 22	0 20	21 28	1 59	9 52	2 2	6 32	1 24	16 43	2 0	6 37	0 44	19 34	0 10	11 28	16 59	10 59	10 32	18 56	11 48	1 30
M20	17 44	18 25	3 21	22 24	0 11	21 33	1 56	10 0	2 2	6 34	1 24	16 43	2 0	6 36	0 44	19 35	0 10	11 28	16 58	11 0	10 33	18 56	11 48	1 30
T 21	17 27	16 59	2 26	22 24	0 2	21 37	1 52	10 8	2 2	6 36	1 25	16 43	2 0	6 35	0 44	19 35	0 10	11 27	16 58	11 1	10 34	18 56	11 48	1 30
W22	17 11	14 49	1 25	22 23	0s 7	21 40	1 49	10 15	2 2	6 38	1 25	16 44	1 59	6 34	0 44	19 36	0 10	11 26	16 58	11 2	10 35	18 56	11 49	1 30
T 23	16 53	11 58	0 20	22 21	0 15	21 43	1 46	10 23	2 3	6 40	1 25	16 44	1 59	6 32	0 44	19 36	0 10	11 26	16 57	11 2	10 36	18 56	11 49	1 30
F 24	16 36	8 35	0n48	22 17	0 23	21 46	1 42	10 31	2 3	6 43	1 25	16 45	1 59	6 31	0 44	19 36	0 10	11 25	16 57	11 2	10 37	18 56	11 50	1 30
S 25	16 18	4 47	1 54	22 13	0 31	21 48	1 39	10 38	2 3	6 45	1 26	16 46	1 58	6 30	0 44	19 37	0 10	11 25	16 57	11 1	10 38	18 56	11 50	1 30
S 26	16 0	0 43	2 56	22 7	0 39	21 49	1 35	10 45	2 3	6 48	1 26	16 46	1 58	6 29	0 44	19 37	0 10	11 24	16 56	11 1	10 40	18 56	11 51	1 30
M27	15 42	3s27	3 50	22 0	0 46	21 49	1 32	10 53	2 4	6 50	1 26	16 47	1 58	6 28	0 44	19 38	0 10	11 23	16 56	11 1	10 41	18 56	11 51	1 30
T 28	15 23	7 32	4 33	21 52	0 54	21 49	1 28	11 0	2 4	6 53	1 26	16 47	1 58	6 26	0 44	19 38	0 10	11 23	16 56	11 0	10 42	18 55	11 52	1 30
W29	15 4	11 20	5 3	21 43	1 1	21 49	1 25	11 6	2 4	6 55	1 26	16 48	1 57	6 25	0 44	19 38	0 9	11 22	16 56	11 0	10 43	18 55	11 52	1 30
T 30	14 45	14 37	5 17	21 32	1 7	21 48	1 21	11 13	2 4	6 58	1 27	16 49	1 57	6 24	0 44	19 39	0 9	11 21	16 55	11 0	10 44	18 55	11 53	1 30
F 31	14s26	17s 9	5n12	21s20	1s13	21s46	1n18	11s20	2n 4	7n 1	1n27	16n49	1s57	6s23	0s44	19n39	0s 9	11s21	16s55	11n 0	10n45	18n55	11n53	1s30

Julian Day Number = 2301440.5, Delta T = 104.86 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'17, Lahiri = 18°07'18 Julian Calendar 1 Jan. 1589 == Greg. Calendar 11 Jan. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

FEBRUARY 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 23 40	22♒18'19	26♐36	1♒43	11♑57	5♏32	15°R31	23♉37	15♓38	1°R46	10♈37	1°R22	2♍ 2	14♋35	5♉17	S 1
S 2	9 27 36	23°18'53	11♑18	3°11	13° 9	5°52	15♍24	23°39	15°41	1♌44	10°38	1♍21	1°59	14°41	5°19	S 2
M 3	9 31 33	24°19'25	26°12	4°41	14°20	6°12	15°17	23°42	15°44	1°43	10°39	1°21	1°56	14°48	5°20	M 3
T 4	9 35 30	25°19'55	11♒ 8	6°11	15°32	6°30	15°10	23°44	15°47	1°41	10°40	1°20	1°53	14°55	5°22	T 4
W 5	9 39 26	26°20'24	26° 0	7°42	16°44	6°49	15° 3	23°46	15°51	1°40	10°41	1°D20	1°49	15° 1	5°24	W 5
T 6	9 43 23	27°20'51	10♓39	9°14	17°55	7° 7	14°56	23°49	15°54	1°38	10°42	1°20	1°46	15° 8	5°26	T 6
F 7	9 47 19	28°21'16	24°59	10°48	19° 7	7°25	14°49	23°51	15°57	1°37	10°43	1°20	1°43	15°15	5°28	F 7
S 8	9 51 16	29°21'40	8♈55	12°22	20°19	7°42	14°42	23°54	16° 1	1°35	10°44	1°20	1°40	15°21	5°31	S 8
S 9	9 55 12	0♓22'02	22°26	13°57	21°31	7°59	14°34	23°57	16° 4	1°34	10°45	1°20	1°37	15°28	5°33	S 9
M10	9 59 9	1°22'21	5♉31	15°33	22°43	8°15	14°27	24° 0	16° 7	1°32	10°46	1°R20	1°33	15°35	5°35	M10
T 11	10 3 5	2°22'39	18°14	17°11	23°55	8°31	14°19	24° 3	16°11	1°31	10°47	1°20	1°30	15°41	5°37	T 11
W12	10 7 2	3°22'55	0♊37	18°49	25° 7	8°47	14°12	24° 6	16°14	1°30	10°49	1°D20	1°27	15°48	5°40	W12
T 13	10 10 59	4°23'08	12°45	20°28	26°19	9° 2	14° 4	24° 9	16°17	1°28	10°50	1°20	1°24	15°55	5°42	T 13
F 14	10 14 55	5°23'20	24°42	22° 8	27°31	9°17	13°57	24°12	16°21	1°27	10°51	1°21	1°21	16° 2	5°44	F 14
S 15	10 18 52	6°23'30	6♋34	23°50	28°43	9°31	13°49	24°16	16°24	1°26	10°52	1°21	1°18	16° 8	5°47	S 15
S 16	10 22 48	7°23'37	18°23	25°32	29°55	9°44	13°41	24°19	16°28	1°24	10°53	1°22	1°14	16°15	5°49	S 16
M17	10 26 45	8°23'42	0♌15	27°16	1♒ 7	9°57	13°33	24°23	16°31	1°23	10°55	1°22	1°11	16°22	5°52	M17
T 18	10 30 41	9°23'46	12°12	29° 0	2°19	10°10	13°26	24°26	16°34	1°22	10°56	1°23	1° 8	16°28	5°55	T 18
W19	10 34 38	10°23'47	24°18	0♓46	3°32	10°22	13°18	24°30	16°38	1°20	10°57	1°24	1° 5	16°35	5°57	W19
T 20	10 38 34	11°23'46	6♍35	2°33	4°44	10°33	13°10	24°34	16°41	1°19	10°58	1°R24	1° 2	16°42	6° 0	T 20
F 21	10 42 31	12°23'44	19° 4	4°20	5°56	10°44	13° 2	24°38	16°45	1°18	11° 0	1°23	0°59	16°48	6° 3	F 21
S 22	10 46 27	13°23'39	1♎46	6° 9	7° 9	10°55	12°54	24°42	16°48	1°17	11° 1	1°22	0°55	16°55	6° 6	S 22
S 23	10 50 24	14°23'33	14°41	7°59	8°21	11° 5	12°47	24°46	16°52	1°16	11° 2	1°20	0°52	17° 2	6° 8	S 23
M24	10 54 21	15°23'24	27°50	9°51	9°33	11°14	12°39	24°50	16°55	1°15	11° 4	1°18	0°49	17° 8	6°11	M24
T 25	10 58 17	16°23'14	11♏13	11°43	10°46	11°22	12°31	24°55	16°58	1°14	11° 5	1°16	0°46	17°15	6°14	T 25
W26	11 2 14	17°23'03	24°49	13°37	11°58	11°30	12°23	24°59	17° 2	1°12	11° 6	1°15	0°43	17°22	6°17	W26
T 27	11 6 10	18°22'49	8♐38	15°31	13°11	11°38	12°15	25° 4	17° 5	1°11	11° 8	1°14	0°39	17°28	6°20	T 27
F 28	11 10 7	19♓22'34	22♐39	17♓27	14♒23	11♏45	12♍ 8	25♉ 8	17♓ 9	1♌10	11♈ 9	1°D14	0♍36	17♋35	6♉23	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 6	18s40	4n47	21s 7	1s19	21s43	1n14	11s26	2n 5	7n 4	1n27	16n50	1s57	6s21	0s44	19n39	0s 9	11s20	16s55	11n 1	10n46	18n55	11n54	1s30
S 2	13 47	18 58	4 3	20 52	1 25	21 40	1 10	11 33	2 5	7 6	1 27	16 51	1 56	6 20	0 44	19 40	0 9	11 20	16 54	11 1	10 48	18 55	11 54	1 30
M 3	13 27	17 58	3 3	20 36	1 31	21 37	1 7	11 39	2 5	7 9	1 27	16 52	1 56	6 19	0 44	19 40	0 9	11 19	16 54	11 1	10 49	18 55	11 55	1 30
T 4	13 6	15 43	1 50	20 19	1 36	21 32	1 3	11 45	2 5	7 12	1 27	16 53	1 56	6 17	0 44	19 40	0 9	11 18	16 54	11 1	10 50	18 55	11 56	1 30
W 5	12 46	12 25	0 30	20 0	1 40	21 27	1 0	11 51	2 5	7 15	1 28	16 54	1 55	6 16	0 44	19 41	0 9	11 18	16 54	11 2	10 51	18 55	11 56	1 30
T 6	12 25	8 23	0s52	19 40	1 45	21 22	0 56	11 57	2 5	7 18	1 28	16 54	1 55	6 15	0 44	19 41	0 9	11 17	16 53	11 2	10 52	18 54	11 57	1 30
F 7	12 4	3 57	2 8	19 19	1 49	21 16	0 52	12 2	2 5	7 21	1 28	16 55	1 55	6 14	0 44	19 41	0 9	11 16	16 53	11 1	10 53	18 54	11 58	1 30
S 8	11 43	0n34	3 14	18 56	1 53	21 9	0 49	12 8	2 5	7 24	1 28	16 56	1 55	6 12	0 44	19 42	0 9	11 16	16 53	11 1	10 54	18 54	11 58	1 30
S 9	11 22	4 55	4 8	18 32	1 56	21 1	0 45	12 13	2 6	7 27	1 28	16 57	1 54	6 11	0 44	19 42	0 9	11 15	16 53	11 1	10 55	18 54	11 59	1 30
M10	11 1	8 53	4 46	18 6	1 59	20 53	0 41	12 18	2 6	7 30	1 28	16 58	1 54	6 10	0 44	19 42	0 9	11 14	16 52	11 1	10 57	18 54	12 0	1 30
T 11	10 39	12 20	5 9	17 39	2 2	20 45	0 38	12 23	2 6	7 33	1 28	16 59	1 54	6 8	0 44	19 43	0 9	11 14	16 52	11 1	10 58	18 54	12 0	1 30
W12	10 17	15 9	5 18	17 11	2 4	20 36	0 34	12 28	2 6	7 36	1 29	17 0	1 53	6 7	0 44	19 43	0 9	11 13	16 52	11 1	10 59	18 54	12 1	1 30
T 13	9 55	17 14	5 11	16 41	2 6	20 26	0 31	12 33	2 6	7 39	1 29	17 1	1 53	6 6	0 44	19 43	0 9	11 12	16 52	11 1	11 0	18 53	12 2	1 30
F 14	9 33	18 32	4 52	16 10	2 7	20 16	0 27	12 38	2 6	7 42	1 29	17 2	1 53	6 4	0 44	19 44	0 9	11 12	16 52	11 1	11 1	18 53	12 3	1 30
S 15	9 11	19 0	4 20	15 37	2 8	20 5	0 24	12 42	2 6	7 45	1 29	17 3	1 53	6 3	0 44	19 44	0 9	11 11	16 51	11 1	11 2	18 53	12 4	1 30
S 16	8 49	18 39	3 37	15 3	2 9	19 53	0 20	12 46	2 6	7 48	1 29	17 4	1 52	6 2	0 44	19 44	0 9	11 11	16 51	11 1	11 3	18 53	12 4	1 30
M17	8 26	17 28	2 44	14 28	2 9	19 41	0 17	12 51	2 6	7 51	1 29	17 6	1 52	6 0	0 44	19 45	0 9	11 10	16 51	11 1	11 5	18 53	12 5	1 30
T 18	8 4	15 30	1 45	13 51	2 9	19 28	0 13	12 54	2 6	7 54	1 29	17 7	1 52	5 59	0 44	19 45	0 9	11 9	16 51	11 0	11 6	18 53	12 6	1 30
W19	7 41	12 50	0 39	13 13	2 8	19 15	0 10	12 58	2 6	7 57	1 29	17 8	1 52	5 58	0 44	19 45	0 9	11 9	16 51	11 0	11 7	18 52	12 7	1 30
T 20	7 18	9 34	0n29	12 34	2 7	19 1	0 6	13 2	2 6	8 0	1 29	17 9	1 51	5 56	0 44	19 46	0 9	11 8	16 50	11 0	11 8	18 52	12 8	1 30
F 21	6 55	5 49	1 36	11 53	2 5	18 47	0 3	13 5	2 5	8 3	1 29	17 10	1 51	5 55	0 44	19 46	0 9	11 7	16 50	11 0	11 9	18 52	12 9	1 30
S 22	6 32	1 45	2 41	11 11	2 3	18 32	0s 0	13 9	2 5	8 6	1 29	17 11	1 51	5 54	0 44	19 46	0 9	11 7	16 50	11 1	11 10	18 52	12 10	1 30
S 23	6 9	2s27	3 37	10 27	2 1	18 17	0 4	13 12	2 5	8 9	1 29	17 13	1 51	5 52	0 44	19 46	0 9	11 6	16 50	11 1	11 11	18 52	12 11	1 30
M24	5 46	6 37	4 24	9 42	1 58	18 1	0 7	13 15	2 5	8 12	1 30	17 14	1 50	5 51	0 44	19 47	0 9	11 5	16 50	11 2	11 12	18 52	12 12	1 30
T 25	5 23	10 31	4 57	8 56	1 54	17 44	0 10	13 18	2 5	8 15	1 30	17 15	1 50	5 50	0 44	19 47	0 9	11 5	16 50	11 3	11 14	18 51	12 13	1 30
W26	5 0	13 56	5 14	8 9	1 50	17 27	0 13	13 21	2 5	8 18	1 30	17 17	1 50	5 48	0 44	19 47	0 9	11 4	16 49	11 3	11 15	18 51	12 14	1 30
T 27	4 36	16 38	5 13	7 20	1 45	17 10	0 17	13 23	2 4	8 21	1 30	17 18	1 50	5 47	0 44	19 47	0 9	11 3	16 49	11 4	11 16	18 51	12 15	1 30
F 28	4s13	18s23	4n54	6s30	1s40	16s52	0s20	13s25	2n 4	8n24	1n30	17n19	1s49	5s46	0s44	19n48	0s 9	11s 3	16s49	11n 4	11n17	18n51	12n16	1s30

Julian Day Number = 2301471.5, Delta T = 104.73 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'21, Lahiri = 18°07'22 Julian Calendar 1 Feb. 1589 == Greg. Calendar 11 Feb. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

MARCH 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 14 3	20♓22'18	6♉50	19♓24	15♒36	11♏51	12°R 0	25♉13	17♓12	1°R 9	11♈10	1♍14	0♍33	17♋42	6♉27	S 1
S 2	11 18 0	21°21'59	21°11	21°21	16°48	11°56	11♍52	25°18	17°16	1♎ 8	11°12	1°15	0°30	17°48	6°30	S 2
M 3	11 21 56	22°21'39	5♒38	23°20	18° 1	12° 1	11°45	25°22	17°19	1° 7	11°13	1°17	0°27	17°55	6°33	M 3
T 4	11 25 53	23°21'17	20° 7	25°19	19°14	12° 5	11°37	25°27	17°22	1° 7	11°14	1°18	0°24	18° 2	6°36	T 4
W 5	11 29 50	24°20'53	4♓33	27°20	20°26	12° 8	11°30	25°32	17°26	1° 6	11°16	1°R18	0°20	18° 9	6°39	W 5
T 6	11 33 46	25°20'27	18°52	29°20	21°39	12°11	11°22	25°37	17°29	1° 5	11°17	1°17	0°17	18°15	6°43	T 6
F 7	11 37 43	26°19'59	2♈58	1♈21	22°52	12°13	11°15	25°43	17°33	1° 4	11°18	1°15	0°14	18°22	6°46	F 7
S 8	11 41 39	27°19'29	16°47	3°23	24° 5	12°14	11° 8	25°48	17°36	1° 3	11°20	1°12	0°11	18°29	6°49	S 8
S 9	11 45 36	28°18'57	0♉15	5°24	25°17	12°R15	11° 0	25°53	17°39	1° 2	11°21	1° 7	0° 8	18°35	6°53	S 9
M10	11 49 32	29°18'23	13°22	7°25	26°30	12°15	10°53	25°59	17°43	1° 2	11°23	1° 3	0° 4	18°42	6°56	M10
T 11	11 53 29	0♈17'46	26° 7	9°26	27°43	12°14	10°46	26° 4	17°46	1° 1	11°24	0°59	0° 1	18°49	7° 0	T 11
W12	11 57 25	1°17'07	8♊34	11°25	28°56	12°12	10°39	26°10	17°50	1° 0	11°26	0°55	29♌58	18°55	7° 3	W12
T 13	12 1 22	2°16'26	20°44	13°24	0♓ 8	12°10	10°32	26°15	17°53	1° 0	11°27	0°53	29°55	19° 2	7° 7	T 13
F 14	12 5 19	3°15'43	2♋43	15°21	1°21	12° 7	10°26	26°21	17°56	0°59	11°28	0°D53	29°52	19° 9	7°10	F 14
S 15	12 9 15	4°14'57	14°34	17°15	2°34	12° 3	10°19	26°27	18° 0	0°58	11°30	0°53	29°49	19°15	7°14	S 15
S 16	12 13 12	5°14'09	26°24	19° 8	3°47	11°58	10°12	26°32	18° 3	0°58	11°31	0°55	29°45	19°22	7°18	S 16
M17	12 17 8	6°13'18	8♌17	20°58	5° 0	11°53	10° 6	26°38	18° 6	0°57	11°33	0°56	29°42	19°29	7°21	M17
T 18	12 21 5	7°12'26	20°18	22°44	6°12	11°46	10° 0	26°44	18°10	0°57	11°34	0°58	29°39	19°35	7°25	T 18
W19	12 25 1	8°11'30	2♍30	24°27	7°25	11°40	9°54	26°50	18°13	0°56	11°35	0°R58	29°36	19°42	7°29	W19
T 20	12 28 58	9°10'33	14°58	26° 6	8°38	11°32	9°47	26°56	18°16	0°56	11°37	0°57	29°33	19°49	7°32	T 20
F 21	12 32 54	10° 9'34	27°42	27°41	9°51	11°23	9°42	27° 2	18°19	0°56	11°38	0°55	29°30	19°55	7°36	F 21
S 22	12 36 51	11° 8'32	10♎44	29°11	11° 4	11°14	9°36	27° 9	18°23	0°55	11°40	0°50	29°26	20° 2	7°40	S 22
S 23	12 40 47	12° 7'28	24° 4	0♉37	12°17	11° 4	9°30	27°15	18°26	0°55	11°41	0°44	29°23	20° 9	7°44	S 23
M24	12 44 44	13° 6'23	7♏39	1°57	13°30	10°53	9°25	27°21	18°29	0°55	11°43	0°37	29°20	20°15	7°48	M24
T 25	12 48 41	14° 5'15	21°27	3°12	14°43	10°42	9°19	27°28	18°32	0°54	11°44	0°30	29°17	20°22	7°52	T 25
W26	12 52 37	15° 4'06	5♐25	4°22	15°56	10°30	9°14	27°34	18°35	0°54	11°45	0°24	29°14	20°29	7°55	W26
T 27	12 56 34	16° 2'55	19°29	5°26	17° 9	10°17	9° 9	27°40	18°39	0°54	11°47	0°19	29°10	20°35	7°59	T 27
F 28	13 0 30	17° 1'42	3♑37	6°24	18°22	10° 3	9° 4	27°47	18°42	0°54	11°48	0°16	29° 7	20°42	8° 3	F 28
S 29	13 4 27	18° 0'28	17°46	7°16	19°35	9°49	8°59	27°54	18°45	0°54	11°50	0°D15	29° 4	20°49	8° 7	S 29
S 30	13 8 23	18°59'12	1♒55	8° 2	20°48	9°34	8°54	28° 0	18°48	0°54	11°51	0°16	29° 1	20°55	8°11	S 30
M31	13 12 20	19♈57'54	16♒ 3	8♉43	22♓ 1	9♏18	8♍50	28♉ 7	18♓51	0♎53	11♈53	0♍17	28♎58	21♋ 2	8♉15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s49	19s 2	4n17	5s39	1s34	16s33	0s23	13s28	2n 4	8n27	1n30	17n21	1s49	5s44	0s44	19n48	0s 9	11s 2	16s49	11n 4	11n18	18n51	12n17	1s30
S 2	3 26	18 28	3 24	4 47	1 28	16 15	0 26	13 29	2 3	8 30	1 30	17 22	1 49	5 43	0 44	19 48	0 9	11 1	16 49	11 3	11 19	18 50	12 18	1 30
M 3	3 2	16 41	2 17	3 53	1 21	15 55	0 29	13 31	2 3	8 33	1 30	17 23	1 49	5 42	0 44	19 48	0 9	11 1	16 49	11 3	11 20	18 50	12 19	1 30
T 4	2 39	13 50	1 1	2 59	1 13	15 35	0 32	13 33	2 3	8 36	1 30	17 25	1 48	5 40	0 44	19 48	0 9	11 0	16 49	11 2	11 21	18 50	12 20	1 30
W 5	2 15	10 8	0s18	2 4	1 5	15 15	0 35	13 34	2 2	8 39	1 30	17 26	1 48	5 39	0 44	19 49	0 9	11 0	16 49	11 2	11 23	18 50	12 21	1 30
T 6	1 51	5 52	1 35	1 8	0 57	14 55	0 37	13 36	2 2	8 42	1 30	17 27	1 48	5 38	0 44	19 49	0 9	10 59	16 48	11 2	11 24	18 49	12 22	1 30
F 7	1 28	1 21	2 46	0 11	0 48	14 33	0 40	13 37	2 1	8 44	1 30	17 29	1 48	5 36	0 44	19 49	0 9	10 58	16 48	11 3	11 25	18 49	12 23	1 30
S 8	1 4	3n 9	3 44	0n46	0 38	14 12	0 43	13 38	2 1	8 47	1 30	17 30	1 48	5 35	0 44	19 49	0 9	10 58	16 48	11 4	11 26	18 49	12 24	1 30
S 9	0 40	7 23	4 29	1 43	0 28	13 50	0 46	13 38	2 0	8 50	1 29	17 32	1 47	5 34	0 44	19 49	0 9	10 57	16 48	11 6	11 27	18 49	12 25	1 30
M10	0 17	11 8	4 59	2 41	0 18	13 28	0 48	13 39	2 0	8 53	1 29	17 33	1 47	5 32	0 44	19 50	0 9	10 57	16 48	11 7	11 28	18 48	12 26	1 30
T 11	0n 7	14 16	5 12	3 38	0 7	13 5	0 51	13 39	1 59	8 55	1 29	17 35	1 47	5 31	0 44	19 50	0 9	10 56	16 48	11 9	11 29	18 48	12 27	1 31
W12	0 31	16 40	5 11	4 35	0n 4	12 42	0 53	13 39	1 58	8 58	1 29	17 36	1 47	5 30	0 44	19 50	0 9	10 55	16 48	11 10	11 30	18 48	12 28	1 31
T 13	0 54	18 16	4 55	5 32	0 15	12 19	0 56	13 39	1 57	9 0	1 29	17 38	1 46	5 28	0 44	19 50	0 9	10 55	16 48	11 11	11 32	18 48	12 29	1 31
F 14	1 18	19 1	4 26	6 28	0 27	11 55	0 58	13 39	1 57	9 3	1 29	17 39	1 46	5 27	0 44	19 50	0 9	10 54	16 48	11 11	11 33	18 47	12 31	1 31
S 15	1 42	18 56	3 47	7 23	0 39	11 31	1 0	13 39	1 56	9 5	1 29	17 41	1 46	5 26	0 44	19 50	0 9	10 54	16 48	11 11	11 34	18 47	12 32	1 31
S 16	2 5	18 0	2 58	8 17	0 51	11 7	1 3	13 38	1 55	9 8	1 29	17 42	1 46	5 25	0 44	19 51	0 9	10 53	16 48	11 10	11 35	18 47	12 33	1 31
M17	2 29	16 17	2 1	9 10	1 3	10 42	1 5	13 37	1 54	9 10	1 29	17 44	1 46	5 23	0 44	19 51	0 9	10 52	16 48	11 10	11 36	18 47	12 34	1 31
T 18	2 52	13 50	0 58	10 1	1 14	10 17	1 7	13 36	1 53	9 12	1 29	17 46	1 45	5 22	0 44	19 51	0 9	10 52	16 48	11 9	11 37	18 46	12 35	1 31
W19	3 15	10 44	0n 8	10 50	1 26	9 52	1 9	13 35	1 52	9 15	1 29	17 47	1 45	5 21	0 44	19 51	0 9	10 51	16 48	11 9	11 38	18 46	12 36	1 31
T 20	3 39	7 6	1 15	11 37	1 37	9 27	1 11	13 34	1 51	9 17	1 29	17 49	1 45	5 19	0 44	19 51	0 9	10 51	16 48	11 9	11 39	18 46	12 37	1 31
F 21	4 2	3 4	2 20	12 21	1 48	9 1	1 13	13 32	1 50	9 19	1 29	17 50	1 45	5 18	0 44	19 51	0 9	10 50	16 48	11 10	11 40	18 46	12 39	1 31
S 22	4 25	1s12	3 19	13 3	1 59	8 35	1 15	13 30	1 49	9 21	1 28	17 52	1 45	5 17	0 44	19 51	0 9	10 50	16 48	11 12	11 42	18 45	12 40	1 31
S 23	4 48	5 30	4 8	13 43	2 8	8 9	1 16	13 29	1 48	9 23	1 28	17 53	1 44	5 16	0 44	19 51	0 9	10 49	16 48	11 14	11 43	18 45	12 41	1 31
M24	5 11	9 36	4 45	14 20	2 18	7 42	1 18	13 26	1 46	9 25	1 28	17 55	1 44	5 14	0 44	19 51	0 9	10 48	16 48	11 17	11 44	18 45	12 42	1 31
T 25	5 34	13 15	5 5	14 54	2 26	7 15	1 20	13 24	1 45	9 27	1 28	17 57	1 44	5 13	0 44	19 51	0 9	10 48	16 48	11 19	11 45	18 44	12 43	1 31
W26	5 57	16 12	5 8	15 25	2 34	6 48	1 21	13 22	1 44	9 29	1 28	17 58	1 44	5 12	0 44	19 52	0 9	10 47	16 48	11 21	11 46	18 44	12 45	1 31
T 27	6 20	18 13	4 52	15 53	2 41	6 21	1 23	13 19	1 42	9 31	1 28	18 0	1 44	5 11	0 44	19 52	0 9	10 47	16 48	11 23	11 47	18 44	12 46	1 31
F 28	6 42	19 8	4 18	16 18	2 47	5 54	1 24	13 16	1 41	9 33	1 28	18 2	1 44	5 9	0 44	19 52	0 9	10 46	16 48	11 24	11 48	18 44	12 47	1 31
S 29	7 5	18 51	3 29	16 41	2 52	5 27	1 25	13 13	1 39	9 34	1 28	18 3	1 43	5 8	0 44	19 52	0 9	10 46	16 48	11 24	11 49	18 43	12 48	1 31
S 30	7 27	17 23	2 27	16 59	2 56	4 59	1 27	13 10	1 37	9 36	1 27	18 5	1 43	5 7	0 44	19 52	0 9	10 45	16 48	11 24	11 50	18 43	12 50	1 31
M31	7n49	14s51	1n16	17n15	2n59	4s31	1s28	13s 7	1n36	9n37	1n27	18n 6	1s43	5s 6	0s44	19n52	0s 9	10s45	16s48	11n24	11n52	18n43	12n51	1s31

Julian Day Number = 2301499.5, Delta T = 104.61 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'25, Lahiri = 18°07'26 Julian Calendar 1 March 1589 == Greg. Calendar 11 March 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

APRIL 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 16 16	20♈56'34	0♓ 7	9♉17	23♓14	9°R 1	8°R46	28♉14	18♓54	0°D53	11♈54	0°R18	28♌55	21♋ 9	8♉19	T 1
W 2	13 20 13	21°55'13	14° 6	9°44	24°27	8♏44	8♍42	28°20	18°57	0♌53	11°55	0♍17	28°51	21°15	8°23	W 2
T 3	13 24 10	22°53'49	27°58	10° 6	25°40	8°27	8°38	28°27	19° 0	0°53	11°57	0°14	28°48	21°22	8°27	T 3
F 4	13 28 6	23°52'24	11♈40	10°21	26°53	8° 9	8°34	28°34	19° 3	0°54	11°58	0° 8	28°45	21°29	8°31	F 4
S 5	13 32 3	24°50'58	25°10	10°31	28° 6	7°50	8°30	28°41	19° 6	0°54	12° 0	0° 1	28°42	21°35	8°35	S 5
S 6	13 35 59	25°49'29	8♉24	10°R34	29°19	7°31	8°27	28°48	19° 9	0°54	12° 1	29♌51	28°39	21°42	8°39	S 6
M 7	13 39 56	26°47'58	21°22	10°32	0♈32	7°11	8°23	28°55	19°12	0°54	12° 3	29°41	28°35	21°49	8°43	M 7
T 8	13 43 52	27°46'25	4♊ 3	10°24	1°45	6°51	8°20	29° 2	19°15	0°54	12° 4	29°31	28°32	21°55	8°48	T 8
W 9	13 47 49	28°44'51	16°27	10°11	2°58	6°30	8°17	29° 9	19°17	0°54	12° 5	29°23	28°29	22° 2	8°52	W 9
T 10	13 51 45	29°43'14	28°36	9°53	4°11	6°10	8°15	29°16	19°20	0°55	12° 7	29°16	28°26	22° 9	8°56	T 10
F 11	13 55 42	0♉41'35	10♋34	9°30	5°24	5°48	8°12	29°24	19°23	0°55	12° 8	29°11	28°23	22°15	9° 0	F 11
S 12	13 59 39	1°39'54	22°26	9° 4	6°37	5°27	8°10	29°31	19°26	0°55	12° 9	29° 9	28°20	22°22	9° 4	S 12
S 13	14 3 35	2°38'11	4♌15	8°34	7°50	5° 5	8° 7	29°38	19°29	0°56	12°11	29°D 9	28°16	22°29	9° 8	S 13
M14	14 7 32	3°36'26	16° 8	8° 0	9° 3	4°43	8° 5	29°45	19°31	0°56	12°12	29° 9	28°13	22°36	9°12	M14
T 15	14 11 28	4°34'39	28° 9	7°25	10°16	4°21	8° 3	29°53	19°34	0°57	12°13	29°R10	28°10	22°42	9°16	T 15
W16	14 15 25	5°32'50	10♍25	6°48	11°29	3°59	8° 2	29°59	19°37	0°57	12°15	29° 9	28° 7	22°49	9°21	W16
T 17	14 19 21	6°30'59	22°58	6°10	12°42	3°37	8° 0	0♊ 7	19°39	0°57	12°16	29° 7	28° 4	22°56	9°25	T 17
F 18	14 23 18	7°29'05	5♎53	5°31	13°56	3°15	7°59	0°15	19°42	0°58	12°17	29° 2	28° 1	23° 2	9°29	F 18
S 19	14 27 14	8°27'10	19°10	4°53	15° 9	2°53	7°58	0°22	19°44	0°59	12°19	28°54	27°57	23° 9	9°33	S 19
S 20	14 31 11	9°25'14	2♏51	4°16	16°22	2°31	7°57	0°30	19°47	0°59	12°20	28°45	27°54	23°16	9°37	S 20
M21	14 35 8	10°23'15	16°51	3°41	17°35	2° 9	7°56	0°37	19°49	1° 0	12°21	28°34	27°51	23°22	9°41	M21
T 22	14 39 4	11°21'15	1♐ 6	3° 8	18°48	1°47	7°55	0°45	19°52	1° 0	12°23	28°23	27°48	23°29	9°46	T 22
W23	14 43 1	12°19'14	15°31	2°38	20° 1	1°26	7°55	0°52	19°54	1° 1	12°24	28°13	27°45	23°36	9°50	W23
T 24	14 46 57	13°17'11	29°59	2°11	21°14	1° 4	7°55	1° 0	19°56	1° 2	12°25	28° 5	27°41	23°42	9°54	T 24
F 25	14 50 54	14°15'07	14♑25	1°48	22°27	0°43	7°D55	1° 7	19°59	1° 3	12°26	28° 0	27°38	23°49	9°58	F 25
S 26	14 54 50	15°13'01	28°44	1°29	23°40	0°23	7°55	1°15	20° 1	1° 3	12°28	27°58	27°35	23°56	10° 2	S 26
S 27	14 58 47	16°10'54	12♒54	1°13	24°54	0° 2	7°55	1°23	20° 3	1° 4	12°29	27°D57	27°32	24° 2	10° 6	S 27
M28	15 2 43	17° 8'46	26°54	1° 2	26° 7	29♎42	7°56	1°30	20° 6	1° 5	12°30	27°R57	27°29	24° 9	10°10	M28
T 29	15 6 40	18° 6'37	10♓43	0°56	27°20	29°23	7°57	1°38	20° 8	1° 6	12°31	27°56	27°26	24°16	10°15	T 29
W30	15 10 37	19♉ 4'26	24♓22	0°D54	28♈33	29♎ 4	7♍57	1♊46	20♓10	1♌ 7	12♈33	27♌54	27♌22	24♋22	10♉19	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n11	11s26	0n 1	17n28	3n 1	4s 3	1s29	13s 3	1n34	9n39	1n27	18n 8	1s43	5s 5	0s44	19n52	0s 9	10s44	16s48	11n24	11n53	18n42	12n52	1s31
W 2	8 33	7 24	1s14	17 37	3 1	3 35	1 30	12 59	1 32	9 40	1 27	18 10	1 43	5 4	0 44	19 52	0 9	10 44	16 48	11 24	11 54	18 42	12 53	1 31
T 3	8 55	3 0	2 23	17 44	3 0	3 7	1 31	12 55	1 30	9 42	1 27	18 11	1 43	5 2	0 44	19 52	0 9	10 43	16 48	11 25	11 55	18 42	12 54	1 32
F 4	9 17	1n30	3 23	17 47	2 58	2 39	1 32	12 51	1 28	9 43	1 27	18 13	1 42	5 1	0 44	19 52	0 8	10 43	16 48	11 27	11 56	18 41	12 56	1 32
S 5	9 39	5 52	4 11	17 46	2 55	2 11	1 33	12 47	1 27	9 44	1 27	18 15	1 42	5 0	0 44	19 52	0 8	10 42	16 48	11 30	11 57	18 41	12 57	1 32
S 6	10 0	9 51	4 44	17 43	2 50	1 42	1 33	12 43	1 24	9 45	1 26	18 16	1 42	4 59	0 44	19 52	0 8	10 42	16 48	11 33	11 58	18 41	12 58	1 32
M 7	10 21	13 17	5 2	17 37	2 44	1 14	1 34	12 38	1 22	9 46	1 26	18 18	1 42	4 58	0 44	19 52	0 8	10 41	16 48	11 36	11 59	18 40	12 59	1 32
T 8	10 42	16 1	5 4	17 27	2 37	0 45	1 35	12 34	1 20	9 47	1 26	18 20	1 42	4 57	0 44	19 52	0 8	10 41	16 48	11 40	12 0	18 40	13 1	1 32
W 9	11 3	17 58	4 52	17 15	2 28	0 16	1 35	12 29	1 18	9 48	1 26	18 21	1 42	4 56	0 44	19 52	0 8	10 41	16 48	11 43	12 2	18 40	13 2	1 32
T 10	11 24	19 3	4 26	16 59	2 18	0n12	1 36	12 25	1 16	9 49	1 26	18 23	1 41	4 55	0 44	19 52	0 8	10 40	16 48	11 45	12 3	18 39	13 3	1 32
F 11	11 44	19 15	3 50	16 41	2 7	0 41	1 36	12 20	1 14	9 50	1 25	18 25	1 41	4 53	0 44	19 52	0 8	10 40	16 49	11 47	12 4	18 39	13 4	1 32
S 12	12 5	18 36	3 3	16 21	1 54	1 10	1 36	12 15	1 11	9 51	1 25	18 27	1 41	4 52	0 44	19 52	0 8	10 39	16 49	11 48	12 5	18 39	13 6	1 32
S 13	12 25	17 9	2 9	15 58	1 41	1 38	1 37	12 10	1 9	9 51	1 25	18 28	1 41	4 51	0 44	19 51	0 8	10 39	16 49	11 48	12 6	18 38	13 7	1 32
M14	12 45	14 56	1 9	15 34	1 26	2 7	1 37	12 5	1 6	9 52	1 25	18 30	1 41	4 50	0 44	19 51	0 8	10 38	16 49	11 48	12 7	18 38	13 8	1 32
T 15	13 4	12 3	0 5	15 8	1 11	2 36	1 37	12 0	1 4	9 53	1 25	18 32	1 41	4 49	0 44	19 51	0 8	10 38	16 49	11 47	12 8	18 37	13 9	1 32
W16	13 24	8 36	1n 0	14 40	0 55	3 4	1 37	11 55	1 1	9 53	1 25	18 33	1 41	4 48	0 45	19 51	0 8	10 38	16 49	11 48	12 9	18 37	13 11	1 32
T 17	13 43	4 41	2 3	14 12	0 38	3 33	1 37	11 50	0 59	9 53	1 24	18 35	1 41	4 47	0 45	19 51	0 8	10 37	16 49	11 48	12 10	18 37	13 12	1 33
F 18	14 2	0 27	3 2	13 43	0 21	4 1	1 37	11 44	0 56	9 54	1 24	18 37	1 40	4 46	0 45	19 51	0 8	10 37	16 49	11 50	12 11	18 36	13 13	1 33
S 19	14 21	3s56	3 53	13 14	0 4	4 30	1 36	11 39	0 54	9 54	1 24	18 38	1 40	4 45	0 45	19 51	0 8	10 37	16 50	11 53	12 13	18 36	13 14	1 33
S 20	14 40	8 13	4 32	12 45	0s14	4 58	1 36	11 34	0 51	9 54	1 24	18 40	1 40	4 44	0 45	19 51	0 8	10 36	16 50	11 56	12 14	18 36	13 16	1 33
M21	14 58	12 11	4 56	12 17	0 31	5 26	1 36	11 29	0 48	9 54	1 24	18 42	1 40	4 43	0 45	19 51	0 8	10 36	16 50	12 0	12 15	18 35	13 17	1 33
T 22	15 16	15 30	5 1	11 50	0 48	5 55	1 35	11 24	0 46	9 54	1 23	18 43	1 40	4 42	0 45	19 51	0 8	10 36	16 50	12 4	12 16	18 35	13 18	1 33
W23	15 34	17 55	4 48	11 24	1 4	6 23	1 35	11 19	0 43	9 54	1 23	18 45	1 40	4 42	0 45	19 50	0 8	10 35	16 50	12 7	12 17	18 34	13 19	1 33
T 24	15 52	19 13	4 17	11 0	1 20	6 51	1 34	11 15	0 40	9 54	1 23	18 47	1 40	4 41	0 45	19 50	0 8	10 35	16 50	12 10	12 18	18 34	13 20	1 33
F 25	16 9	19 15	3 29	10 38	1 35	7 18	1 34	11 10	0 37	9 54	1 23	18 48	1 40	4 40	0 45	19 50	0 8	10 35	16 51	12 12	12 19	18 34	13 22	1 33
S 26	16 26	18 2	2 28	10 18	1 50	7 46	1 33	11 5	0 35	9 54	1 23	18 50	1 39	4 39	0 45	19 50	0 8	10 34	16 51	12 12	12 20	18 33	13 23	1 33
S 27	16 43	15 43	1 19	9 59	2 4	8 14	1 32	11 1	0 32	9 53	1 22	18 52	1 39	4 38	0 45	19 50	0 8	10 34	16 51	12 13	12 21	18 33	13 24	1 33
M28	16 59	12 29	0 6	9 44	2 16	8 41	1 32	10 56	0 29	9 53	1 22	18 53	1 39	4 37	0 45	19 50	0 8	10 34	16 51	12 13	12 22	18 32	13 25	1 33
T 29	17 16	8 36	1s 7	9 30	2 28	9 8	1 31	10 52	0 26	9 53	1 22	18 55	1 39	4 36	0 45	19 49	0 8	10 33	16 51	12 13	12 24	18 32	13 26	1 34
W30	17n32	4s18	2s15	9n20	2s39	9n35	1s30	10s48	0n24	9n52	1n22	18n56	1s39	4s35	0s45	19n49	0s 8	10s33	16s52	12n14	12n25	18n31	13n28	1s34

Julian Day Number = 2301530.5, Delta T = 104.47 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'30, Lahiri = 18°07'30 Julian Calendar 1 Apr. 1589 == Greg. Calendar 11 Apr. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

MAY 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 14 33	20♉ 2'14	7♈51	0♉57	29♈46	28°R46	7♍58	1♊53	20♓12	1♌ 8	12♈34	27°R50	27♌19	24♋29	10♉23	T 1
F 2	15 18 30	21° 0'01	21° 9	1° 4	0♉59	28♎28	8° 0	2° 1	20°14	1° 9	12°35	27♌42	27°16	24°36	10°27	F 2
S 3	15 22 26	21°57'47	4♉16	1°16	2°13	28°10	8° 1	2° 9	20°16	1°10	12°36	27°32	27°13	24°42	10°31	S 3
S 4	15 26 23	22°55'31	17°11	1°33	3°26	27°54	8° 3	2°16	20°18	1°11	12°37	27°20	27°10	24°49	10°35	S 4
M 5	15 30 19	23°53'15	29°53	1°54	4°39	27°38	8° 4	2°24	20°20	1°12	12°38	27° 7	27° 7	24°56	10°39	M 5
T 6	15 34 16	24°50'57	12♊21	2°19	5°52	27°22	8° 6	2°32	20°22	1°13	12°39	26°54	27° 3	25° 2	10°43	T 6
W 7	15 38 12	25°48'37	24°37	2°48	7° 5	27° 8	8° 8	2°40	20°24	1°14	12°41	26°42	27° 0	25° 9	10°47	W 7
T 8	15 42 9	26°46'16	6♋41	3°21	8°18	26°54	8°11	2°48	20°26	1°15	12°42	26°32	26°57	25°16	10°52	T 8
F 9	15 46 6	27°43'54	18°37	3°59	9°32	26°41	8°13	2°55	20°28	1°16	12°43	26°26	26°54	25°22	10°56	F 9
S 10	15 50 2	28°41'30	0♌26	4°40	10°45	26°28	8°16	3° 3	20°29	1°18	12°44	26°21	26°51	25°29	11° 0	S 10
S 11	15 53 59	29°39'05	12°14	5°25	11°58	26°16	8°19	3°11	20°31	1°19	12°45	26°19	26°47	25°36	11° 4	S 11
M12	15 57 55	0♊36'38	24° 6	6°14	13°11	26° 6	8°22	3°19	20°33	1°20	12°46	26°19	26°44	25°42	11° 8	M12
T 13	16 1 52	1°34'10	6♍ 6	7° 6	14°24	25°56	8°25	3°27	20°34	1°21	12°47	26°19	26°41	25°49	11°12	T 13
W14	16 5 48	2°31'40	18°21	8° 2	15°38	25°46	8°28	3°34	20°36	1°23	12°48	26°18	26°38	25°56	11°16	W14
T 15	16 9 45	3°29'10	0♎55	9° 1	16°51	25°38	8°32	3°42	20°37	1°24	12°49	26°16	26°35	26° 2	11°20	T 15
F 16	16 13 41	4°26'37	13°53	10° 3	18° 4	25°30	8°35	3°50	20°39	1°25	12°50	26°11	26°32	26° 9	11°23	F 16
S 17	16 17 38	5°24'04	27°18	11° 9	19°17	25°23	8°39	3°58	20°40	1°27	12°51	26° 4	26°28	26°16	11°27	S 17
S 18	16 21 35	6°21'29	11♏ 9	12°17	20°31	25°17	8°43	4° 6	20°42	1°28	12°52	25°55	26°25	26°22	11°31	S 18
M19	16 25 31	7°18'54	25°25	13°29	21°44	25°12	8°47	4°13	20°43	1°30	12°53	25°44	26°22	26°29	11°35	M19
T 20	16 29 28	8°16'17	10♐ 1	14°44	22°57	25° 8	8°52	4°21	20°44	1°31	12°54	25°33	26°19	26°36	11°39	T 20
W21	16 33 24	9°13'40	24°50	16° 1	24°10	25° 4	8°56	4°29	20°46	1°33	12°54	25°23	26°16	26°42	11°43	W21
T 22	16 37 21	10°11'01	9♑42	17°22	25°24	25° 2	9° 1	4°37	20°47	1°34	12°55	25°15	26°13	26°49	11°47	T 22
F 23	16 41 17	11° 8'22	24°30	18°46	26°37	25° 0	9° 5	4°45	20°48	1°36	12°56	25°10	26° 9	26°56	11°50	F 23
S 24	16 45 14	12° 5'43	9♒ 7	20°12	27°50	24°59	9°10	4°52	20°49	1°37	12°57	25° 7	26° 6	27° 2	11°54	S 24
S 25	16 49 10	13° 3'03	23°29	21°41	29° 3	24°D58	9°15	5° 0	20°50	1°39	12°58	25°D 6	26° 3	27° 9	11°58	S 25
M26	16 53 7	14° 0'22	7♓33	23°13	0♊17	24°59	9°21	5° 8	20°51	1°40	12°59	25°R 6	26° 0	27°16	12° 2	M26
T 27	16 57 4	14°57'41	21°20	24°48	1°30	25° 0	9°26	5°16	20°52	1°42	12°59	25° 6	25°57	27°22	12° 5	T 27
W28	17 1 0	15°54'59	4♈49	26°26	2°43	25° 2	9°31	5°24	20°53	1°44	13° 0	25° 5	25°53	27°29	12° 9	W28
T 29	17 4 57	16°52'17	18° 4	28° 6	3°57	25° 5	9°37	5°31	20°54	1°45	13° 1	25° 1	25°50	27°36	12°12	T 29
F 30	17 8 53	17°49'35	1♉ 4	29°50	5°10	25° 9	9°43	5°39	20°55	1°47	13° 2	24°55	25°47	27°42	12°16	F 30
S 31	17 12 50	18♊46'52	13♉52	1♊36	6♊24	25♎13	9♍49	5♊47	20♓56	1♌49	13♈ 2	24♌47	25♌44	27♋49	12♉20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n47	0n 9	3s14	9n11	2s49	10n 2	1s29	10s44	0n21	9n51	1n22	18n58	1s39	4s35	0s45	19n49	0s 8	10s33	16s52	12n15	12n26	18n31	13n29	1s34
F 2	18 3	4 32	4 2	9 6	2 58	10 28	1 28	10 40	0 18	9 51	1 21	19 0	1 39	4 34	0 45	19 49	0 8	10 33	16 52	12 18	12 27	18 31	13 30	1 34
S 3	18 18	8 38	4 36	9 2	3 6	10 55	1 27	10 36	0 15	9 50	1 21	19 1	1 39	4 33	0 45	19 49	0 8	10 32	16 52	12 21	12 28	18 30	13 31	1 34
S 4	18 33	12 16	4 56	9 2	3 13	11 21	1 25	10 33	0 13	9 49	1 21	19 3	1 39	4 32	0 45	19 49	0 8	10 32	16 52	12 25	12 29	18 30	13 32	1 34
M 5	18 47	15 17	5 0	9 3	3 18	11 47	1 24	10 30	0 10	9 48	1 21	19 5	1 39	4 32	0 45	19 48	0 8	10 32	16 53	12 30	12 30	18 29	13 34	1 34
T 6	19 1	17 32	4 50	9 7	3 23	12 12	1 23	10 27	0 7	9 48	1 21	19 6	1 38	4 31	0 45	19 48	0 8	10 32	16 53	12 34	12 31	18 29	13 35	1 34
W 7	19 15	18 57	4 26	9 13	3 27	12 37	1 21	10 24	0 5	9 47	1 20	19 8	1 38	4 30	0 45	19 48	0 8	10 32	16 53	12 38	12 32	18 28	13 36	1 34
T 8	19 29	19 29	3 51	9 22	3 30	13 2	1 20	10 21	0 2	9 45	1 20	19 9	1 38	4 29	0 45	19 48	0 8	10 31	16 53	12 42	12 33	18 28	13 37	1 35
F 9	19 42	19 8	3 5	9 32	3 32	13 27	1 19	10 19	0s 1	9 44	1 20	19 11	1 38	4 29	0 45	19 47	0 8	10 31	16 54	12 44	12 34	18 28	13 38	1 35
S 10	19 55	17 57	2 13	9 45	3 34	13 52	1 17	10 17	0 3	9 43	1 20	19 12	1 38	4 28	0 45	19 47	0 8	10 31	16 54	12 45	12 35	18 27	13 39	1 35
S 11	20 7	15 59	1 14	9 59	3 34	14 16	1 16	10 15	0 6	9 42	1 20	19 14	1 38	4 28	0 45	19 47	0 8	10 31	16 54	12 46	12 37	18 27	13 41	1 35
M12	20 19	13 20	0 12	10 16	3 34	14 39	1 14	10 14	0 8	9 41	1 19	19 16	1 38	4 27	0 45	19 47	0 8	10 31	16 54	12 46	12 38	18 26	13 42	1 35
T 13	20 31	10 6	0n52	10 34	3 32	15 3	1 12	10 12	0 11	9 39	1 19	19 17	1 38	4 26	0 45	19 46	0 8	10 31	16 55	12 46	12 39	18 26	13 43	1 35
W14	20 43	6 22	1 54	10 54	3 30	15 26	1 11	10 11	0 13	9 38	1 19	19 19	1 38	4 26	0 45	19 46	0 8	10 30	16 55	12 47	12 40	18 25	13 44	1 35
T 15	20 54	2 16	2 52	11 15	3 28	15 48	1 9	10 11	0 16	9 36	1 19	19 20	1 38	4 25	0 45	19 46	0 8	10 30	16 55	12 47	12 41	18 25	13 45	1 35
F 16	21 5	2s 3	3 44	11 38	3 24	16 11	1 7	10 10	0 18	9 35	1 18	19 22	1 38	4 25	0 45	19 45	0 8	10 30	16 55	12 49	12 42	18 24	13 46	1 35
S 17	21 15	6 25	4 25	12 2	3 20	16 32	1 5	10 10	0 21	9 33	1 18	19 23	1 38	4 24	0 45	19 45	0 8	10 30	16 56	12 51	12 43	18 24	13 47	1 36
S 18	21 25	10 35	4 52	12 27	3 15	16 54	1 3	10 10	0 23	9 31	1 18	19 25	1 38	4 24	0 45	19 45	0 8	10 30	16 56	12 54	12 44	18 23	13 48	1 36
M19	21 35	14 17	5 1	12 54	3 10	17 15	1 1	10 10	0 25	9 30	1 18	19 26	1 38	4 23	0 46	19 45	0 8	10 30	16 56	12 58	12 45	18 23	13 49	1 36
T 20	21 44	17 11	4 52	13 21	3 4	17 35	0 59	10 11	0 28	9 28	1 18	19 28	1 38	4 23	0 46	19 44	0 8	10 30	16 57	13 2	12 46	18 22	13 50	1 36
W21	21 53	19 1	4 23	13 50	2 58	17 56	0 57	10 11	0 30	9 26	1 18	19 29	1 37	4 22	0 46	19 44	0 8	10 30	16 57	13 5	12 47	18 22	13 51	1 36
T 22	22 1	19 33	3 36	14 20	2 50	18 15	0 55	10 12	0 32	9 24	1 17	19 31	1 37	4 22	0 46	19 44	0 8	10 30	16 57	13 8	12 48	18 21	13 52	1 36
F 23	22 10	18 44	2 35	14 50	2 43	18 34	0 53	10 14	0 34	9 22	1 17	19 32	1 37	4 21	0 46	19 43	0 8	10 30	16 57	13 10	12 50	18 21	13 53	1 36
S 24	22 17	16 40	1 24	15 21	2 35	18 53	0 51	10 15	0 36	9 20	1 17	19 33	1 37	4 21	0 46	19 43	0 8	10 30	16 58	13 11	12 51	18 20	13 54	1 36
S 25	22 25	13 35	0 9	15 53	2 26	19 11	0 49	10 17	0 39	9 18	1 17	19 35	1 37	4 20	0 46	19 43	0 8	10 30	16 58	13 11	12 52	18 20	13 55	1 37
M26	22 32	9 46	1s 6	16 25	2 17	19 29	0 47	10 19	0 41	9 16	1 17	19 36	1 37	4 20	0 46	19 42	0 8	10 30	16 58	13 11	12 53	18 19	13 56	1 37
T 27	22 38	5 30	2 15	16 57	2 7	19 46	0 45	10 22	0 43	9 14	1 16	19 38	1 37	4 20	0 46	19 42	0 8	10 30	16 59	13 11	12 54	18 19	13 57	1 37
W28	22 45	1 3	3 15	17 30	1 57	20 3	0 43	10 24	0 45	9 11	1 16	19 39	1 37	4 19	0 46	19 42	0 8	10 30	16 59	13 11	12 55	18 18	13 58	1 37
T 29	22 50	3n21	4 3	18 2	1 47	20 19	0 40	10 27	0 47	9 9	1 16	19 41	1 37	4 19	0 46	19 41	0 8	10 30	16 59	13 12	12 56	18 18	13 59	1 37
F 30	22 56	7 32	4 38	18 35	1 37	20 35	0 38	10 30	0 49	9 7	1 16	19 42	1 37	4 19	0 46	19 41	0 8	10 30	17 0	13 15	12 57	18 17	14 0	1 37
S 31	23n 1	11n18	4s58	19n 7	1s26	20n50	0s36	10s34	0s50	9n 4	1n16	19n43	1s37	4s18	0s46	19n40	0s 8	10s30	17s 0	13n17	12n58	18n17	14n 1	1s37

Julian Day Number = 2301560.5, Delta T = 104.34 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'34, Lahiri = 18°07'34 Julian Calendar 1 May 1589 == Greg. Calendar 11 May 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

JUNE 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 16 46	19♊44'09	26♉28	3♊24	7♊37	25♎18	9♍55	5♊54	20♓56	1♌50	13♈ 3	24°R36	25♌41	27♋56	12♉23	S 1
M 2	17 20 43	20°41'26	8♊53	5°15	8°50	25°24	10° 1	6° 2	20°57	1°52	13° 4	24♌25	25°38	28° 2	12°27	M 2
T 3	17 24 39	21°38'42	21° 7	7° 9	10° 4	25°31	10° 8	6°10	20°58	1°54	13° 4	24°13	25°34	28° 9	12°30	T 3
W 4	17 28 36	22°35'57	3♋12	9° 5	11°17	25°38	10°14	6°17	20°58	1°56	13° 5	24° 3	25°31	28°15	12°34	W 4
T 5	17 32 33	23°33'12	15°10	11° 4	12°31	25°46	10°21	6°25	20°59	1°58	13° 6	23°55	25°28	28°22	12°37	T 5
F 6	17 36 29	24°30'27	27° 0	13° 4	13°44	25°55	10°28	6°33	20°59	1°59	13° 6	23°49	25°25	28°29	12°40	F 6
S 7	17 40 26	25°27'41	8♌48	15° 7	14°57	26° 4	10°34	6°40	21° 0	2° 1	13° 7	23°46	25°22	28°35	12°44	S 7
S 8	17 44 22	26°24'55	20°35	17°12	16°11	26°14	10°41	6°48	21° 0	2° 3	13° 7	23°D44	25°19	28°42	12°47	S 8
M 9	17 48 19	27°22'07	2♍26	19°18	17°24	26°25	10°49	6°55	21° 1	2° 5	13° 8	23°45	25°15	28°49	12°50	M 9
T 10	17 52 15	28°19'20	14°26	21°26	18°38	26°37	10°56	7° 3	21° 1	2° 7	13° 8	23°46	25°12	28°55	12°54	T 10
W11	17 56 12	29°16'32	26°39	23°35	19°51	26°49	11° 3	7°10	21° 1	2° 9	13° 9	23°R46	25° 9	29° 2	12°57	W11
T 12	18 0 8	0♋13'43	9♎12	25°45	21° 5	27° 2	11°11	7°18	21° 2	2°11	13° 9	23°46	25° 6	29° 9	13° 0	T 12
F 13	18 4 5	1°10'54	22° 7	27°55	22°18	27°15	11°19	7°25	21° 2	2°13	13°10	23°44	25° 3	29°15	13° 3	F 13
S 14	18 8 2	2° 8'04	5♏30	0♋ 6	23°32	27°29	11°26	7°32	21° 2	2°15	13°10	23°40	24°59	29°22	13° 6	S 14
S 15	18 11 58	3° 5'14	19°22	2°17	24°45	27°44	11°34	7°40	21° 2	2°17	13°11	23°34	24°56	29°29	13° 9	S 15
M16	18 15 55	4° 2'24	3♐42	4°28	25°59	27°59	11°42	7°47	21°R 2	2°19	13°11	23°27	24°53	29°35	13°12	M16
T 17	18 19 51	4°59'34	18°26	6°38	27°12	28°15	11°51	7°54	21° 2	2°21	13°11	23°20	24°50	29°42	13°15	T 17
W18	18 23 48	5°56'43	3♑27	8°47	28°26	28°32	11°59	8° 1	21° 2	2°23	13°12	23°13	24°47	29°49	13°18	W18
T 19	18 27 44	6°53'53	18°36	10°56	29°40	28°48	12° 7	8° 9	21° 2	2°25	13°12	23° 8	24°44	29°55	13°21	T 19
F 20	18 31 41	7°51'03	3♒42	13° 3	0♋53	29° 6	12°16	8°16	21° 2	2°27	13°12	23° 4	24°40	0♌ 2	13°24	F 20
S 21	18 35 37	8°48'12	18°38	15° 9	2° 7	29°24	12°24	8°23	21° 1	2°29	13°13	23°D 3	24°37	0° 9	13°27	S 21
S 22	18 39 34	9°45'23	3♓16	17°14	3°20	29°43	12°33	8°30	21° 1	2°31	13°13	23° 3	24°34	0°15	13°29	S 22
M23	18 43 31	10°42'33	17°32	19°17	4°34	0♏ 2	12°42	8°37	21° 1	2°33	13°13	23° 4	24°31	0°22	13°32	M23
T 24	18 47 27	11°39'44	1♈26	21°18	5°48	0°21	12°51	8°44	21° 0	2°35	13°13	23° 5	24°28	0°29	13°35	T 24
W25	18 51 24	12°36'55	14°56	23°18	7° 1	0°41	13° 0	8°51	21° 0	2°37	13°14	23°R 6	24°24	0°35	13°37	W25
T 26	18 55 20	13°34'07	28° 6	25°16	8°15	1° 2	13° 9	8°58	20°59	2°39	13°14	23° 5	24°21	0°42	13°40	T 26
F 27	18 59 17	14°31'19	10♉57	27°12	9°29	1°23	13°18	9° 5	20°59	2°42	13°14	23° 2	24°18	0°49	13°42	F 27
S 28	19 3 13	15°28'32	23°32	29° 7	10°43	1°44	13°27	9°12	20°58	2°44	13°14	22°58	24°15	0°55	13°45	S 28
S 29	19 7 10	16°25'46	5♊55	0♌59	11°56	2° 6	13°37	9°19	20°58	2°46	13°14	22°52	24°12	1° 2	13°47	S 29
M30	19 11 6	17♋23'00	18♊ 6	2♌50	13♋10	2♏29	13♍46	9♊25	20♓57	2♌48	13♈14	22♌46	24♌ 9	1♌ 9	13♉50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	14n29	5s 3	19n39	1s15	21n 5	0s34	10s37	0s52	9n 2	1n15	19n45	1s37	4s18	0s46	19n40	0s 8	10s30	17s 0	13n21	12n59	18n16	14n 2	1s38
M 2	23 10	16 59	4 54	20 11	1 4	21 18	0 31	10 41	0 54	8 59	1 15	19 46	1 37	4 18	0 46	19 40	0 8	10 30	17 1	13 25	13 0	18 15	14 3	1 38
T 3	23 14	18 41	4 31	20 41	0 52	21 32	0 29	10 45	0 56	8 57	1 15	19 47	1 37	4 18	0 46	19 39	0 8	10 30	17 1	13 29	13 1	18 15	14 4	1 38
W 4	23 17	19 31	3 56	21 11	0 41	21 45	0 26	10 49	0 58	8 54	1 15	19 49	1 37	4 17	0 46	19 39	0 8	10 30	17 1	13 32	13 2	18 14	14 5	1 38
T 5	23 20	19 28	3 11	21 40	0 29	21 57	0 24	10 54	0 59	8 51	1 15	19 50	1 37	4 17	0 46	19 39	0 8	10 30	17 2	13 35	13 4	18 14	14 6	1 38
F 6	23 23	18 32	2 18	22 7	0 18	22 8	0 22	10 59	1 1	8 49	1 15	19 51	1 37	4 17	0 46	19 38	0 8	10 30	17 2	13 37	13 5	18 13	14 7	1 38
S 7	23 25	16 49	1 19	22 33	0 7	22 19	0 19	11 4	1 3	8 46	1 14	19 53	1 37	4 17	0 46	19 38	0 8	10 30	17 2	13 38	13 6	18 13	14 8	1 39
S 8	23 26	14 24	0 17	22 57	0n 4	22 29	0 17	11 9	1 4	8 43	1 14	19 54	1 37	4 17	0 46	19 37	0 8	10 30	17 3	13 38	13 7	18 12	14 8	1 39
M 9	23 28	11 21	0n47	23 19	0 15	22 39	0 15	11 14	1 6	8 40	1 14	19 55	1 37	4 17	0 46	19 37	0 7	10 30	17 3	13 38	13 8	18 12	14 9	1 39
T 10	23 29	7 49	1 49	23 38	0 26	22 48	0 12	11 20	1 7	8 37	1 14	19 56	1 37	4 17	0 46	19 37	0 7	10 30	17 3	13 38	13 9	18 11	14 10	1 39
W11	23 29	3 54	2 48	23 56	0 36	22 56	0 10	11 26	1 9	8 34	1 14	19 58	1 37	4 17	0 46	19 36	0 7	10 31	17 4	13 38	13 10	18 10	14 11	1 39
T 12	23 29	0s17	3 40	24 11	0 45	23 4	0 7	11 32	1 10	8 31	1 14	19 59	1 37	4 17	0 46	19 36	0 7	10 31	17 4	13 38	13 11	18 10	14 12	1 39
F 13	23 29	4 34	4 22	24 23	0 54	23 11	0 5	11 38	1 12	8 28	1 13	20 0	1 37	4 17	0 46	19 35	0 7	10 31	17 4	13 38	13 12	18 9	14 13	1 39
S 14	23 28	8 47	4 53	24 32	1 3	23 17	0 2	11 44	1 13	8 25	1 13	20 1	1 37	4 17	0 46	19 35	0 7	10 31	17 5	13 40	13 13	18 9	14 13	1 40
S 15	23 27	12 41	5 7	24 39	1 11	23 23	0 0	11 51	1 14	8 22	1 13	20 2	1 37	4 17	0 47	19 34	0 7	10 31	17 5	13 42	13 14	18 8	14 14	1 40
M16	23 26	15 59	5 3	24 43	1 18	23 28	0n 2	11 58	1 16	8 19	1 13	20 4	1 37	4 17	0 47	19 34	0 7	10 31	17 5	13 44	13 15	18 8	14 15	1 40
T 17	23 24	18 21	4 39	24 44	1 25	23 32	0 5	12 5	1 17	8 15	1 13	20 5	1 37	4 17	0 47	19 34	0 7	10 32	17 6	13 46	13 16	18 7	14 16	1 40
W18	23 21	19 31	3 56	24 42	1 31	23 36	0 7	12 12	1 18	8 12	1 13	20 6	1 37	4 17	0 47	19 33	0 7	10 32	17 6	13 49	13 17	18 6	14 16	1 40
T 19	23 19	19 18	2 55	24 38	1 36	23 39	0 10	12 19	1 20	8 9	1 12	20 7	1 37	4 17	0 47	19 33	0 7	10 32	17 6	13 50	13 18	18 6	14 17	1 40
F 20	23 15	17 42	1 43	24 31	1 40	23 41	0 12	12 26	1 21	8 5	1 12	20 8	1 37	4 17	0 47	19 32	0 7	10 32	17 7	13 51	13 20	18 5	14 18	1 41
S 21	23 12	14 54	0 24	24 21	1 44	23 43	0 14	12 34	1 22	8 2	1 12	20 9	1 37	4 17	0 47	19 32	0 7	10 32	17 7	13 52	13 21	18 4	14 18	1 41
S 22	23 8	11 11	0s55	24 9	1 47	23 44	0 17	12 42	1 23	7 58	1 12	20 10	1 37	4 17	0 47	19 31	0 7	10 33	17 8	13 52	13 22	18 4	14 19	1 41
M23	23 3	6 55	2 9	23 54	1 49	23 44	0 19	12 49	1 24	7 55	1 12	20 11	1 37	4 17	0 47	19 31	0 7	10 33	17 8	13 51	13 23	18 3	14 20	1 41
T 24	22 59	2 23	3 13	23 37	1 50	23 43	0 21	12 57	1 26	7 51	1 12	20 12	1 37	4 17	0 47	19 30	0 7	10 33	17 8	13 51	13 24	18 3	14 20	1 41
W25	22 53	2n 8	4 5	23 18	1 51	23 42	0 24	13 5	1 27	7 48	1 12	20 13	1 37	4 18	0 47	19 30	0 7	10 33	17 9	13 51	13 25	18 2	14 21	1 41
T 26	22 48	6 26	4 42	22 57	1 51	23 40	0 26	13 14	1 28	7 44	1 11	20 15	1 37	4 18	0 47	19 29	0 7	10 34	17 9	13 51	13 26	18 1	14 21	1 42
F 27	22 42	10 19	5 4	22 34	1 51	23 37	0 28	13 22	1 29	7 40	1 11	20 16	1 37	4 18	0 47	19 29	0 7	10 34	17 9	13 52	13 27	18 1	14 22	1 42
S 28	22 35	13 41	5 11	22 10	1 49	23 34	0 30	13 31	1 30	7 37	1 11	20 17	1 37	4 18	0 47	19 28	0 7	10 34	17 10	13 54	13 28	18 0	14 23	1 42
S 29	22 29	16 22	5 3	21 44	1 48	23 30	0 33	13 39	1 31	7 33	1 11	20 18	1 37	4 19	0 47	19 28	0 7	10 34	17 10	13 55	13 29	17 59	14 23	1 42
M30	22n21	18n17	4s41	21n16	1n45	23n25	0n35	13s48	1s32	7n29	1n11	20n19	1s37	4s19	0s47	19n27	0s 7	10s35	17s10	13n57	13n30	17n59	14n24	1s42

Julian Day Number = 2301591.5, Delta T = 104.21 sec
Ecliptic obliquity = 23°29'25, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'38, Lahiri = 18°07'38 Julian Calendar 1 June 1589 == Greg. Calendar 11 June 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

JULY 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 15 3	18♋20'15	0♋ 9	4♌39	14♋24	2♏52	13♍56	9♊32	20°R56	2♌50	13♈14	22°R40	24♌ 5	1♌15	13♉52	T 1
W 2	19 19 0	19°17'30	12° 5	6°26	15°38	3°15	14° 6	9°39	20♓56	2°52	13°14	22♌34	24° 2	1°22	13°54	W 2
T 3	19 22 56	20°14'46	23°56	8°11	16°51	3°39	14°15	9°45	20°55	2°55	13°14	22°30	23°59	1°29	13°56	T 3
F 4	19 26 53	21°12'02	5♌44	9°55	18° 5	4° 3	14°25	9°52	20°54	2°57	13°R14	22°27	23°56	1°35	13°59	F 4
S 5	19 30 49	22° 9'19	17°31	11°36	19°19	4°28	14°35	9°58	20°53	2°59	13°14	22°D26	23°53	1°42	14° 1	S 5
S 6	19 34 46	23° 6'36	29°20	13°16	20°33	4°53	14°45	10° 5	20°52	3° 1	13°14	22°26	23°50	1°49	14° 3	S 6
M 7	19 38 42	24° 3'53	11♍14	14°54	21°47	5°18	14°56	10°11	20°51	3° 3	13°14	22°27	23°46	1°55	14° 5	M 7
T 8	19 42 39	25° 1'11	23°16	16°30	23° 1	5°44	15° 6	10°18	20°50	3° 6	13°14	22°29	23°43	2° 2	14° 7	T 8
W 9	19 46 35	25°58'29	5♎31	18° 4	24°15	6°10	15°16	10°24	20°49	3° 8	13°14	22°30	23°40	2° 9	14° 9	W 9
T 10	19 50 32	26°55'48	18° 3	19°36	25°29	6°37	15°27	10°30	20°48	3°10	13°14	22°31	23°37	2°15	14°11	T 10
F 11	19 54 29	27°53'07	0♏56	21° 6	26°43	7° 4	15°37	10°36	20°47	3°12	13°14	22°R32	23°34	2°22	14°12	F 11
S 12	19 58 25	28°50'26	14°14	22°35	27°56	7°31	15°48	10°42	20°46	3°14	13°14	22°31	23°30	2°29	14°14	S 12
S 13	20 2 22	29°47'46	27°59	24° 1	29°10	7°59	15°58	10°48	20°45	3°17	13°13	22°29	23°27	2°35	14°16	S 13
M14	20 6 18	0♌45'07	12♐12	25°26	0♌24	8°27	16° 9	10°54	20°43	3°19	13°13	22°27	23°24	2°42	14°17	M14
T 15	20 10 15	1°42'28	26°49	26°49	1°38	8°55	16°20	11° 0	20°42	3°21	13°13	22°24	23°21	2°48	14°19	T 15
W16	20 14 11	2°39'50	11♑47	28°10	2°52	9°24	16°31	11° 6	20°41	3°23	13°13	22°22	23°18	2°55	14°21	W16
T 17	20 18 8	3°37'13	26°58	29°29	4° 6	9°53	16°42	11°12	20°39	3°25	13°12	22°20	23°15	3° 2	14°22	T 17
F 18	20 22 4	4°34'36	12♒11	0♍45	5°20	10°23	16°53	11°18	20°38	3°28	13°12	22°19	23°11	3° 8	14°23	F 18
S 19	20 26 1	5°32'01	27°18	2° 0	6°34	10°52	17° 4	11°23	20°37	3°30	13°12	22°D18	23° 8	3°15	14°25	S 19
S 20	20 29 58	6°29'27	12♓ 9	3°12	7°48	11°22	17°15	11°29	20°35	3°32	13°11	22°19	23° 5	3°22	14°26	S 20
M21	20 33 54	7°26'53	26°38	4°22	9° 2	11°52	17°26	11°35	20°34	3°34	13°11	22°20	23° 2	3°28	14°27	M21
T 22	20 37 51	8°24'21	10♈43	5°30	10°17	12°23	17°37	11°40	20°32	3°37	13°11	22°21	22°59	3°35	14°28	T 22
W23	20 41 47	9°21'51	24°21	6°36	11°31	12°54	17°49	11°45	20°30	3°39	13°10	22°22	22°56	3°42	14°30	W23
T 24	20 45 44	10°19'21	7♉34	7°38	12°45	13°25	18° 0	11°51	20°29	3°41	13°10	22°R22	22°52	3°48	14°31	T 24
F 25	20 49 40	11°16'53	20°24	8°39	13°59	13°56	18°12	11°56	20°27	3°43	13° 9	22°22	22°49	3°55	14°32	F 25
S 26	20 53 37	12°14'27	2♊55	9°36	15°13	14°28	18°23	12° 1	20°25	3°45	13° 9	22°22	22°46	4° 2	14°33	S 26
S 27	20 57 33	13°12'02	15°10	10°31	16°27	15° 0	18°35	12° 6	20°24	3°48	13° 9	22°21	22°43	4° 8	14°34	S 27
M28	21 1 30	14° 9'39	27°14	11°22	17°41	15°32	18°46	12°11	20°22	3°50	13° 8	22°20	22°40	4°15	14°34	M28
T 29	21 5 27	15° 7'17	9♋ 9	12°11	18°56	16° 5	18°58	12°16	20°20	3°52	13° 8	22°18	22°36	4°22	14°35	T 29
W30	21 9 23	16° 4'56	20°59	12°56	20°10	16°38	19°10	12°21	20°18	3°54	13° 7	22°18	22°33	4°28	14°36	W30
T 31	21 13 20	17♌ 2'37	2♌47	13♍37	21♌24	17♏11	19♍22	12♊26	20♓16	3♌56	13♈ 6	22♌17	22♌30	4♌35	14♉36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n14	19n22	4s 7	20n47	1n42	23n19	0n37	13s57	1s33	7n25	1n11	20n19	1s37	4s19	0s47	19n27	0s 7	10s35	17s11	13n59	13n31	17n58	14n24	1s43
W 2	22 6	19 34	3 23	20 18	1 38	23 13	0 39	14 6	1 34	7 21	1 11	20 20	1 37	4 19	0 47	19 27	0 7	10 35	17 11	14 1	13 32	17 58	14 25	1 43
T 3	21 58	18 54	2 30	19 46	1 34	23 6	0 41	14 15	1 35	7 17	1 10	20 21	1 37	4 20	0 47	19 26	0 7	10 36	17 11	14 3	13 33	17 57	14 25	1 43
F 4	21 49	17 25	1 30	19 14	1 30	22 59	0 43	14 24	1 36	7 14	1 10	20 22	1 37	4 20	0 47	19 26	0 7	10 36	17 12	14 3	13 34	17 56	14 26	1 43
S 5	21 40	15 11	0 27	18 42	1 25	22 50	0 45	14 33	1 36	7 10	1 10	20 23	1 37	4 21	0 47	19 25	0 7	10 36	17 12	14 4	13 35	17 56	14 26	1 43
S 6	21 30	12 19	0n38	18 8	1 19	22 42	0 47	14 42	1 37	7 6	1 10	20 24	1 38	4 21	0 47	19 25	0 7	10 37	17 13	14 4	13 36	17 55	14 26	1 44
M 7	21 21	8 56	1 42	17 34	1 13	22 32	0 49	14 51	1 38	7 1	1 10	20 25	1 38	4 21	0 47	19 24	0 7	10 37	17 13	14 4	13 37	17 54	14 27	1 44
T 8	21 10	5 9	2 42	16 59	1 6	22 22	0 51	15 1	1 39	6 57	1 10	20 26	1 38	4 22	0 47	19 24	0 7	10 37	17 13	14 3	13 39	17 54	14 27	1 44
W 9	21 0	1 6	3 35	16 24	1 0	22 11	0 53	15 10	1 40	6 53	1 10	20 27	1 38	4 22	0 47	19 23	0 7	10 38	17 14	14 2	13 40	17 53	14 28	1 44
T 10	20 49	3s 5	4 20	15 48	0 52	21 59	0 55	15 20	1 40	6 49	1 10	20 27	1 38	4 23	0 47	19 23	0 7	10 38	17 14	14 2	13 41	17 52	14 28	1 44
F 11	20 38	7 14	4 53	15 12	0 45	21 47	0 57	15 30	1 41	6 45	1 10	20 28	1 38	4 23	0 47	19 22	0 7	10 39	17 14	14 2	13 42	17 51	14 28	1 44
S 12	20 26	11 10	5 12	14 36	0 37	21 34	0 58	15 39	1 42	6 41	1 9	20 29	1 38	4 24	0 47	19 22	0 7	10 39	17 15	14 2	13 43	17 51	14 29	1 45
S 13	20 14	14 39	5 14	13 59	0 28	21 21	1 0	15 49	1 43	6 37	1 9	20 30	1 38	4 24	0 47	19 21	0 7	10 39	17 15	14 3	13 44	17 50	14 29	1 45
M14	20 2	17 24	4 57	13 23	0 20	21 7	1 2	15 59	1 43	6 32	1 9	20 31	1 38	4 25	0 48	19 21	0 7	10 40	17 15	14 4	13 45	17 49	14 29	1 45
T 15	19 49	19 7	4 20	12 46	0 11	20 52	1 3	16 9	1 44	6 28	1 9	20 31	1 38	4 25	0 48	19 20	0 7	10 40	17 16	14 5	13 46	17 49	14 30	1 45
W16	19 36	19 33	3 26	12 10	0 2	20 37	1 5	16 18	1 45	6 24	1 9	20 32	1 38	4 26	0 48	19 20	0 7	10 41	17 16	14 5	13 47	17 48	14 30	1 45
T 17	19 23	18 35	2 16	11 34	0s 8	20 21	1 6	16 28	1 45	6 19	1 9	20 33	1 38	4 26	0 48	19 19	0 7	10 41	17 16	14 6	13 48	17 47	14 30	1 46
F 18	19 10	16 17	0 56	10 57	0 17	20 4	1 8	16 38	1 46	6 15	1 9	20 34	1 38	4 27	0 48	19 19	0 7	10 41	17 17	14 6	13 49	17 47	14 30	1 46
S 19	18 56	12 52	0s28	10 22	0 27	19 47	1 9	16 48	1 46	6 10	1 9	20 34	1 38	4 28	0 48	19 18	0 7	10 42	17 17	14 6	13 50	17 46	14 31	1 46
S 20	18 41	8 41	1 48	9 46	0 38	19 30	1 11	16 58	1 47	6 6	1 9	20 35	1 38	4 28	0 48	19 18	0 7	10 42	17 17	14 6	13 51	17 45	14 31	1 46
M21	18 27	4 4	2 59	9 11	0 48	19 11	1 12	17 8	1 48	6 2	1 9	20 36	1 38	4 29	0 48	19 17	0 7	10 43	17 18	14 6	13 52	17 44	14 31	1 46
T 22	18 12	0n37	3 57	8 37	0 58	18 53	1 13	17 18	1 48	5 57	1 8	20 36	1 38	4 29	0 48	19 16	0 7	10 43	17 18	14 5	13 53	17 44	14 31	1 47
W23	17 57	5 7	4 40	8 3	1 9	18 33	1 14	17 28	1 49	5 53	1 8	20 37	1 39	4 30	0 48	19 16	0 7	10 44	17 18	14 5	13 54	17 43	14 31	1 47
T 24	17 41	9 14	5 7	7 29	1 20	18 14	1 15	17 38	1 49	5 48	1 8	20 38	1 39	4 31	0 48	19 15	0 7	10 44	17 19	14 5	13 55	17 42	14 31	1 47
F 25	17 26	12 47	5 17	6 57	1 31	17 53	1 16	17 48	1 50	5 43	1 8	20 38	1 39	4 31	0 48	19 15	0 7	10 45	17 19	14 5	13 56	17 41	14 31	1 47
S 26	17 10	15 41	5 12	6 25	1 42	17 32	1 18	17 58	1 50	5 39	1 8	20 39	1 39	4 32	0 48	19 14	0 7	10 45	17 19	14 5	13 57	17 41	14 31	1 47
S 27	16 53	17 49	4 52	5 54	1 53	17 11	1 18	18 8	1 51	5 34	1 8	20 39	1 39	4 33	0 48	19 14	0 7	10 45	17 20	14 6	13 58	17 40	14 32	1 48
M28	16 37	19 7	4 20	5 24	2 4	16 49	1 19	18 18	1 51	5 30	1 8	20 40	1 39	4 34	0 48	19 13	0 7	10 46	17 20	14 6	13 59	17 39	14 32	1 48
T 29	16 20	19 34	3 37	4 56	2 15	16 27	1 20	18 28	1 51	5 25	1 8	20 41	1 39	4 34	0 48	19 13	0 7	10 46	17 20	14 6	14 0	17 39	14 32	1 48
W30	16 3	19 8	2 45	4 28	2 26	16 4	1 21	18 38	1 52	5 20	1 8	20 41	1 39	4 35	0 48	19 12	0 7	10 47	17 21	14 7	14 2	17 38	14 32	1 48
T 31	15n46	17n51	1s46	4n 2	2s37	15n41	1n22	18s48	1s52	5n15	1n 8	20n42	1s39	4s36	0s48	19n12	0s 7	10s47	17s21	14n 7	14n 3	17n37	14n32	1s49

Julian Day Number = 2301621.5, Delta T = 104.08 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'42, Lahiri = 18°07'43 Julian Calendar 1 July 1589 == Greg. Calendar 11 July 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

AUGUST 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 17 16	18♌ 0'19	14♌35	14♍15	22♌38	17♏44	19♍34	12♊31	20°R14	3♌59	13°R 6	22°R17	22♌27	4♌42	14♉37	F 1
S 2	21 21 13	18°58'02	26°25	14°49	23°52	18°18	19°46	12°35	20♓13	4° 1	13♈ 5	22°D17	22°24	4°48	14°38	S 2
S 3	21 25 9	19°55'47	8♍20	15°19	25° 7	18°52	19°58	12°40	20°11	4° 3	13° 5	22♌17	22°21	4°55	14°38	S 3
M 4	21 29 6	20°53'33	20°22	15°44	26°21	19°26	20°10	12°44	20° 9	4° 5	13° 4	22°17	22°17	5° 2	14°38	M 4
T 5	21 33 2	21°51'20	2♎33	16° 5	27°35	20° 0	20°22	12°49	20° 7	4° 7	13° 3	22°R17	22°14	5° 8	14°39	T 5
W 6	21 36 59	22°49'09	14°56	16°20	28°49	20°34	20°34	12°53	20° 5	4° 9	13° 3	22°17	22°11	5°15	14°39	W 6
T 7	21 40 56	23°46'59	27°33	16°31	0♍ 4	21° 9	20°46	12°57	20° 2	4°12	13° 2	22°17	22° 8	5°21	14°39	T 7
F 8	21 44 52	24°44'50	10♏28	16°R36	1°18	21°44	20°58	13° 1	20° 0	4°14	13° 1	22°17	22° 5	5°28	14°39	F 8
S 9	21 48 49	25°42'42	23°43	16°36	2°32	22°19	21°10	13° 5	19°58	4°16	13° 1	22°D17	22° 2	5°35	14°39	S 9
S 10	21 52 45	26°40'35	7♐21	16°30	3°47	22°55	21°23	13° 9	19°56	4°18	13° 0	22°17	21°58	5°41	14°R39	S 10
M11	21 56 42	27°38'30	21°21	16°18	5° 1	23°31	21°35	13°13	19°54	4°20	12°59	22°17	21°55	5°48	14°39	M11
T 12	22 0 38	28°36'26	5♑44	16° 0	6°15	24° 6	21°47	13°17	19°52	4°22	12°58	22°18	21°52	5°55	14°39	T 12
W13	22 4 35	29°34'24	20°27	15°36	7°30	24°42	22° 0	13°20	19°50	4°24	12°58	22°18	21°49	6° 1	14°39	W13
T 14	22 8 31	0♍32'23	5♒24	15° 5	8°44	25°19	22°12	13°24	19°47	4°26	12°57	22°19	21°46	6° 8	14°39	T 14
F 15	22 12 28	1°30'23	20°28	14°30	9°58	25°55	22°25	13°28	19°45	4°28	12°56	22°R19	21°42	6°15	14°39	F 15
S 16	22 16 25	2°28'25	5♓31	13°48	11°13	26°32	22°37	13°31	19°43	4°30	12°55	22°19	21°39	6°21	14°38	S 16
S 17	22 20 21	3°26'29	20°24	13° 2	12°27	27° 9	22°50	13°34	19°41	4°32	12°54	22°18	21°36	6°28	14°38	S 17
M18	22 24 18	4°24'34	5♈ 0	12°11	13°41	27°46	23° 2	13°37	19°38	4°34	12°53	22°17	21°33	6°35	14°37	M18
T 19	22 28 14	5°22'41	19°12	11°16	14°56	28°23	23°15	13°41	19°36	4°36	12°53	22°15	21°30	6°41	14°37	T 19
W20	22 32 11	6°20'50	2♉59	10°19	16°10	29° 0	23°28	13°44	19°34	4°38	12°52	22°14	21°27	6°48	14°36	W20
T 21	22 36 7	7°19'01	16°18	9°21	17°24	29°38	23°40	13°46	19°31	4°40	12°51	22°12	21°23	6°55	14°36	T 21
F 22	22 40 4	8°17'15	29°12	8°22	18°39	0♗16	23°53	13°49	19°29	4°42	12°50	22°11	21°20	7° 1	14°35	F 22
S 23	22 44 0	9°15'30	11♊44	7°23	19°53	0°54	24° 6	13°52	19°27	4°44	12°49	22°D11	21°17	7° 8	14°34	S 23
S 24	22 47 57	10°13'47	23°58	6°28	21° 8	1°32	24°18	13°55	19°24	4°46	12°48	22°12	21°14	7°15	14°33	S 24
M25	22 51 54	11°12'07	5♋59	5°36	22°22	2°10	24°31	13°57	19°22	4°48	12°47	22°13	21°11	7°21	14°32	M25
T 26	22 55 50	12°10'28	17°51	4°48	23°36	2°48	24°44	13°59	19°20	4°50	12°46	22°14	21° 7	7°28	14°31	T 26
W27	22 59 47	13° 8'52	29°39	4° 7	24°51	3°27	24°57	14° 2	19°17	4°51	12°45	22°16	21° 4	7°34	14°30	W27
T 28	23 3 43	14° 7'18	11♌26	3°33	26° 5	4° 6	25°10	14° 4	19°15	4°53	12°44	22°17	21° 1	7°41	14°29	T 28
F 29	23 7 40	15° 5'45	23°17	3° 7	27°20	4°45	25°22	14° 6	19°12	4°55	12°43	22°R18	20°58	7°48	14°28	F 29
S 30	23 11 36	16° 4'15	5♍13	2°49	28°34	5°24	25°35	14° 8	19°10	4°57	12°42	22°17	20°55	7°54	14°27	S 30
S 31	23 15 33	17♍ 2'47	17♍18	2°D41	29♍49	6♐ 3	25♍48	14♊10	19♓ 8	4♌59	12♈41	22♌15	20♌52	8♌ 1	14♉26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n28	15n49	0s43	3n38	2s48	15n18	1n22	18s57	1s53	5n11	1n 8	20n42	1s39	4s37	0s48	19n11	0s 7	10s48	17s21	14n 7	14n 4	17n36	14n32	1s49
S 2	15 10	13 6	0n23	3 15	2 59	14 54	1 23	19 7	1 53	5 6	1 8	20 43	1 39	4 37	0 48	19 11	0 7	10 48	17 22	14 7	14 5	17 35	14 32	1 49
S 3	14 52	9 49	1 28	2 53	3 9	14 29	1 24	19 17	1 53	5 1	1 8	20 43	1 39	4 38	0 48	19 10	0 7	10 49	17 22	14 7	14 6	17 35	14 31	1 49
M 4	14 34	6 7	2 30	2 34	3 20	14 5	1 24	19 27	1 54	4 56	1 7	20 44	1 40	4 39	0 48	19 10	0 7	10 49	17 22	14 7	14 7	17 34	14 31	1 49
T 5	14 15	2 8	3 26	2 17	3 29	13 39	1 24	19 37	1 54	4 52	1 7	20 44	1 40	4 40	0 48	19 9	0 7	10 50	17 23	14 7	14 8	17 33	14 31	1 50
W 6	13 56	2s 0	4 13	2 2	3 39	13 14	1 25	19 46	1 54	4 47	1 7	20 45	1 40	4 41	0 48	19 9	0 7	10 50	17 23	14 7	14 9	17 32	14 31	1 50
T 7	13 37	6 8	4 49	1 50	3 48	12 48	1 25	19 56	1 55	4 42	1 7	20 45	1 40	4 41	0 48	19 8	0 7	10 51	17 23	14 7	14 10	17 32	14 31	1 50
F 8	13 18	10 4	5 11	1 40	3 56	12 22	1 25	20 5	1 55	4 37	1 7	20 45	1 40	4 42	0 48	19 8	0 7	10 51	17 23	14 7	14 11	17 31	14 31	1 50
S 9	12 59	13 37	5 18	1 33	4 4	11 55	1 25	20 15	1 55	4 32	1 7	20 46	1 40	4 43	0 48	19 7	0 7	10 52	17 24	14 7	14 12	17 30	14 31	1 50
S 10	12 39	16 32	5 7	1 29	4 11	11 28	1 26	20 24	1 55	4 27	1 7	20 46	1 40	4 44	0 48	19 7	0 7	10 53	17 24	14 7	14 13	17 29	14 30	1 51
M11	12 19	18 35	4 38	1 28	4 17	11 1	1 26	20 33	1 56	4 22	1 7	20 47	1 40	4 45	0 48	19 6	0 7	10 53	17 24	14 7	14 14	17 28	14 30	1 51
T 12	11 59	19 31	3 51	1 31	4 22	10 34	1 25	20 43	1 56	4 17	1 7	20 47	1 40	4 46	0 48	19 6	0 7	10 54	17 24	14 7	14 15	17 28	14 30	1 51
W13	11 39	19 10	2 48	1 36	4 26	10 6	1 25	20 52	1 56	4 12	1 7	20 47	1 40	4 47	0 48	19 6	0 7	10 54	17 25	14 6	14 16	17 27	14 30	1 51
T 14	11 18	17 28	1 33	1 46	4 28	9 38	1 25	21 1	1 56	4 7	1 7	20 48	1 41	4 47	0 48	19 5	0 7	10 55	17 25	14 6	14 17	17 26	14 30	1 51
F 15	10 58	14 32	0 10	1 59	4 29	9 9	1 25	21 10	1 57	4 2	1 7	20 48	1 41	4 48	0 48	19 5	0 7	10 55	17 25	14 6	14 18	17 25	14 29	1 52
S 16	10 37	10 38	1s13	2 15	4 28	8 41	1 25	21 19	1 57	3 57	1 7	20 48	1 41	4 49	0 48	19 4	0 7	10 56	17 25	14 6	14 19	17 24	14 29	1 52
S 17	10 16	6 6	2 30	2 35	4 26	8 12	1 24	21 28	1 57	3 52	1 7	20 49	1 41	4 50	0 48	19 4	0 7	10 56	17 26	14 6	14 20	17 24	14 29	1 52
M18	9 55	1 18	3 35	2 59	4 21	7 43	1 24	21 36	1 57	3 47	1 7	20 49	1 41	4 51	0 48	19 3	0 7	10 57	17 26	14 7	14 21	17 23	14 28	1 52
T 19	9 34	3n26	4 26	3 25	4 15	7 14	1 23	21 45	1 57	3 42	1 7	20 49	1 41	4 52	0 48	19 3	0 7	10 57	17 26	14 7	14 22	17 22	14 28	1 52
W20	9 12	7 50	4 59	3 54	4 7	6 44	1 23	21 53	1 57	3 37	1 7	20 49	1 41	4 53	0 48	19 2	0 7	10 58	17 26	14 8	14 23	17 21	14 28	1 53
T 21	8 51	11 43	5 15	4 26	3 57	6 15	1 22	22 2	1 57	3 32	1 7	20 50	1 41	4 54	0 48	19 2	0 7	10 58	17 27	14 8	14 24	17 20	14 27	1 53
F 22	8 29	14 54	5 14	4 59	3 45	5 45	1 21	22 10	1 58	3 27	1 7	20 50	1 41	4 55	0 48	19 1	0 7	10 59	17 27	14 9	14 25	17 19	14 27	1 53
S 23	8 7	17 19	4 59	5 33	3 31	5 15	1 21	22 18	1 58	3 22	1 7	20 50	1 42	4 56	0 48	19 1	0 7	11 0	17 27	14 9	14 26	17 19	14 26	1 53
S 24	7 45	18 52	4 29	6 8	3 15	4 45	1 20	22 26	1 58	3 17	1 7	20 50	1 42	4 57	0 48	19 0	0 7	11 0	17 27	14 9	14 27	17 18	14 26	1 54
M25	7 23	19 33	3 49	6 43	2 59	4 15	1 19	22 34	1 58	3 12	1 7	20 50	1 42	4 58	0 48	19 0	0 7	11 1	17 27	14 8	14 28	17 17	14 25	1 54
T 26	7 1	19 20	2 59	7 16	2 41	3 44	1 18	22 41	1 58	3 7	1 7	20 51	1 42	4 58	0 48	19 0	0 7	11 1	17 28	14 8	14 29	17 16	14 25	1 54
W27	6 38	18 17	2 2	7 49	2 22	3 14	1 17	22 49	1 58	3 2	1 7	20 51	1 42	4 59	0 48	18 59	0 7	11 2	17 28	14 7	14 30	17 15	14 24	1 54
T 28	6 16	16 26	1 0	8 19	2 3	2 43	1 16	22 56	1 58	2 57	1 7	20 51	1 42	5 0	0 48	18 59	0 7	11 2	17 28	14 7	14 31	17 14	14 24	1 54
F 29	5 53	13 52	0n 5	8 47	1 43	2 12	1 15	23 4	1 58	2 52	1 6	20 51	1 42	5 1	0 48	18 58	0 7	11 3	17 28	14 7	14 32	17 13	14 23	1 55
S 30	5 30	10 43	1 11	9 11	1 24	1 42	1 14	23 11	1 58	2 46	1 6	20 51	1 42	5 2	0 48	18 58	0 7	11 3	17 28	14 7	14 33	17 13	14 23	1 55
S 31	5n 8	7n 4	2n13	9n32	1s 4	1n11	1n12	23s18	1s58	2n41	1n 6	20n51	1s42	5s 3	0s48	18n57	0s 7	11s 4	17s28	14n 7	14n34	17n12	14n22	1s55

Julian Day Number = 2301652.5, Delta T = 103.95 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'46, Lahiri = 18°07'47 Julian Calendar 1 Aug. 1589 == Greg. Calendar 11 Aug. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

SEPTEMBER 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 19 29	18♍ 1'20	29♍33	2♍42	1♎ 3	6♐43	26♍ 1	14♊12	19°R 5	5♌ 0	12°R40	22°R12	20♌48	8♌ 8	14°R24	M 1
T 2	23 23 26	18°59'55	11♎59	2°53	2°17	7°22	26°14	14°13	19♓ 3	5° 2	12♈39	22♌ 8	20°45	8°14	14♉23	T 2
W 3	23 27 22	19°58'33	24°38	3°13	3°32	8° 2	26°27	14°15	19° 0	5° 4	12°38	22° 3	20°42	8°21	14°22	W 3
T 4	23 31 19	20°57'12	7♏29	3°42	4°46	8°42	26°40	14°16	18°58	5° 5	12°37	21°59	20°39	8°28	14°20	T 4
F 5	23 35 16	21°55'52	20°35	4°21	6° 1	9°22	26°53	14°18	18°55	5° 7	12°36	21°55	20°36	8°34	14°19	F 5
S 6	23 39 12	22°54'35	3♐56	5° 8	7°15	10° 2	27° 6	14°19	18°53	5° 9	12°35	21°52	20°33	8°41	14°17	S 6
S 7	23 43 9	23°53'19	17°32	6° 3	8°30	10°43	27°19	14°20	18°51	5°10	12°34	21°D51	20°29	8°48	14°15	S 7
M 8	23 47 5	24°52'05	1♑24	7° 5	9°44	11°23	27°32	14°21	18°48	5°12	12°33	21°51	20°26	8°54	14°14	M 8
T 9	23 51 2	25°50'53	15°31	8°14	10°59	12° 4	27°45	14°22	18°46	5°13	12°32	21°52	20°23	9° 1	14°12	T 9
W10	23 54 58	26°49'43	29°54	9°30	12°13	12°44	27°58	14°23	18°43	5°15	12°30	21°53	20°20	9° 8	14°10	W10
T 11	23 58 55	27°48'34	14♒29	10°51	13°28	13°25	28°11	14°24	18°41	5°17	12°29	21°R54	20°17	9°14	14° 8	T 11
F 12	0 2 51	28°47'27	29°12	12°17	14°42	14° 6	28°24	14°24	18°39	5°18	12°28	21°54	20°13	9°21	14° 6	F 12
S 13	0 6 48	29°46'22	13♓57	13°47	15°56	14°47	28°37	14°25	18°36	5°20	12°27	21°53	20°10	9°27	14° 4	S 13
S 14	0 10 45	0♎45'18	28°37	15°20	17°11	15°29	28°50	14°25	18°34	5°21	12°26	21°49	20° 7	9°34	14° 2	S 14
M15	0 14 41	1°44'17	13♈ 5	16°57	18°25	16°10	29° 3	14°25	18°32	5°22	12°25	21°44	20° 4	9°41	14° 0	M15
T 16	0 18 38	2°43'18	27°15	18°36	19°40	16°52	29°16	14°25	18°29	5°24	12°24	21°37	20° 1	9°47	13°58	T 16
W17	0 22 34	3°42'21	11♉ 3	20°17	20°54	17°33	29°29	14°R25	18°27	5°25	12°23	21°30	19°58	9°54	13°56	W17
T 18	0 26 31	4°41'26	24°25	22° 0	22° 8	18°15	29°42	14°25	18°25	5°26	12°21	21°24	19°54	10° 1	13°54	T 18
F 19	0 30 27	5°40'34	7♊23	23°44	23°23	18°57	29°54	14°25	18°23	5°28	12°20	21°19	19°51	10° 7	13°51	F 19
S 20	0 34 24	6°39'44	19°58	25°29	24°37	19°39	0♎ 7	14°25	18°20	5°29	12°19	21°15	19°48	10°14	13°49	S 20
S 21	0 38 20	7°38'56	2♋13	27°14	25°52	20°21	0°20	14°24	18°18	5°30	12°18	21°14	19°45	10°21	13°47	S 21
M22	0 42 17	8°38'11	14°14	29° 0	27° 6	21° 3	0°33	14°24	18°16	5°32	12°17	21°D14	19°42	10°27	13°44	M22
T 23	0 46 14	9°37'28	26° 6	0♎46	28°21	21°45	0°46	14°23	18°14	5°33	12°16	21°15	19°39	10°34	13°42	T 23
W24	0 50 10	10°36'47	7♌53	2°32	29°35	22°28	0°59	14°22	18°11	5°34	12°14	21°16	19°35	10°41	13°40	W24
T 25	0 54 7	11°36'09	19°42	4°18	0♏49	23°10	1°12	14°22	18° 9	5°35	12°13	21°R17	19°32	10°47	13°37	T 25
F 26	0 58 3	12°35'32	1♍36	6° 4	2° 4	23°53	1°25	14°21	18° 7	5°36	12°12	21°16	19°29	10°54	13°34	F 26
S 27	1 2 0	13°34'58	13°40	7°49	3°18	24°35	1°38	14°20	18° 5	5°37	12°11	21°14	19°26	11° 1	13°32	S 27
S 28	1 5 56	14°34'27	25°56	9°34	4°33	25°18	1°51	14°18	18° 3	5°38	12°10	21° 9	19°23	11° 7	13°29	S 28
M29	1 9 53	15°33'57	8♎26	11°18	5°47	26° 1	2° 3	14°17	18° 1	5°39	12° 9	21° 1	19°19	11°14	13°27	M29
T 30	1 13 49	16♎33'29	21♎11	13♎ 2	7♏ 2	26♐44	2♎16	14♊16	17♓59	5♌40	12♈ 8	20♌52	19♌16	11♌20	13♉24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n45	3n 6	3n11	9n50	0s45	0n40	1n11	23s25	1s58	2n36	1n 6	20n51	1s43	5s 4	0s48	18n57	0s 7	11s 4	17s29	14n 9	14n35	17n11	14n22	1s55
T 2	4 22	1s 4	4 0	10 3	0 27	0 9	1 10	23 31	1 58	2 31	1 6	20 51	1 43	5 5	0 48	18 57	0 7	11 5	17 29	14 10	14 36	17 10	14 21	1 55
W 3	3 59	5 15	4 38	10 12	0 10	0s22	1 8	23 38	1 58	2 26	1 6	20 51	1 43	5 6	0 48	18 56	0 7	11 5	17 29	14 11	14 37	17 9	14 21	1 56
T 4	3 36	9 15	5 3	10 17	0n 7	0 53	1 7	23 44	1 58	2 21	1 6	20 51	1 43	5 7	0 48	18 56	0 7	11 6	17 29	14 13	14 38	17 8	14 20	1 56
F 5	3 12	12 54	5 13	10 17	0 22	1 24	1 5	23 50	1 58	2 16	1 6	20 52	1 43	5 8	0 48	18 55	0 7	11 6	17 29	14 14	14 39	17 7	14 19	1 56
S 6	2 49	15 58	5 6	10 13	0 36	1 55	1 4	23 56	1 58	2 10	1 6	20 52	1 43	5 9	0 48	18 55	0 7	11 7	17 29	14 15	14 40	17 6	14 19	1 56
S 7	2 26	18 13	4 42	10 5	0 50	2 26	1 2	24 2	1 57	2 5	1 6	20 52	1 43	5 10	0 48	18 55	0 7	11 8	17 29	14 15	14 41	17 5	14 18	1 56
M 8	2 3	19 27	4 2	9 53	1 1	2 56	1 0	24 8	1 57	2 0	1 6	20 52	1 43	5 11	0 48	18 54	0 7	11 8	17 30	14 15	14 42	17 5	14 17	1 57
T 9	1 39	19 31	3 6	9 36	1 12	3 27	0 59	24 13	1 57	1 55	1 6	20 52	1 43	5 12	0 48	18 54	0 7	11 9	17 30	14 15	14 43	17 4	14 17	1 57
W10	1 16	18 18	1 57	9 17	1 21	3 58	0 57	24 19	1 57	1 50	1 7	20 52	1 44	5 13	0 48	18 53	0 7	11 9	17 30	14 15	14 44	17 3	14 16	1 57
T 11	0 52	15 53	0 40	8 53	1 29	4 29	0 55	24 24	1 57	1 45	1 7	20 52	1 44	5 14	0 48	18 53	0 7	11 10	17 30	14 14	14 45	17 2	14 15	1 57
F 12	0 29	12 24	0s40	8 27	1 36	4 59	0 53	24 29	1 57	1 39	1 7	20 51	1 44	5 14	0 48	18 53	0 6	11 10	17 30	14 14	14 46	17 1	14 14	1 57
S 13	0 5	8 8	1 57	7 57	1 42	5 30	0 51	24 33	1 57	1 34	1 7	20 51	1 44	5 15	0 48	18 52	0 6	11 11	17 30	14 15	14 47	17 0	14 14	1 57
S 14	0s18	3 24	3 6	7 25	1 46	6 0	0 49	24 38	1 57	1 29	1 7	20 51	1 44	5 16	0 48	18 52	0 6	11 11	17 30	14 16	14 48	16 59	14 13	1 58
M15	0 42	1n27	4 3	6 51	1 50	6 31	0 47	24 42	1 56	1 24	1 7	20 51	1 44	5 17	0 48	18 52	0 6	11 12	17 30	14 18	14 49	16 58	14 12	1 58
T 16	1 5	6 7	4 42	6 14	1 52	7 1	0 45	24 46	1 56	1 19	1 7	20 51	1 44	5 18	0 48	18 51	0 6	11 12	17 30	14 20	14 51	16 57	14 11	1 58
W17	1 29	10 21	5 5	5 36	1 54	7 31	0 43	24 50	1 56	1 14	1 7	20 51	1 44	5 19	0 48	18 51	0 6	11 13	17 30	14 22	14 52	16 56	14 10	1 58
T 18	1 52	13 55	5 9	4 56	1 55	8 1	0 41	24 54	1 56	1 9	1 7	20 51	1 45	5 20	0 48	18 51	0 6	11 13	17 30	14 24	14 53	16 55	14 10	1 58
F 19	2 16	16 42	4 58	4 15	1 54	8 30	0 38	24 57	1 56	1 3	1 7	20 51	1 45	5 21	0 48	18 50	0 6	11 14	17 30	14 26	14 54	16 54	14 9	1 59
S 20	2 39	18 35	4 32	3 32	1 54	9 0	0 36	25 0	1 55	0 58	1 7	20 51	1 45	5 22	0 48	18 50	0 6	11 14	17 30	14 27	14 55	16 53	14 8	1 59
S 21	3 2	19 34	3 54	2 49	1 52	9 29	0 34	25 3	1 55	0 53	1 7	20 50	1 45	5 22	0 48	18 50	0 6	11 14	17 30	14 27	14 56	16 52	14 7	1 59
M22	3 26	19 38	3 7	2 5	1 50	9 58	0 32	25 6	1 55	0 48	1 7	20 50	1 45	5 23	0 48	18 50	0 6	11 15	17 31	14 27	14 57	16 52	14 6	1 59
T 23	3 49	18 49	2 12	1 20	1 47	10 27	0 29	25 8	1 55	0 43	1 7	20 50	1 45	5 24	0 48	18 49	0 6	11 15	17 31	14 27	14 58	16 51	14 5	1 59
W24	4 13	17 11	1 12	0 35	1 44	10 56	0 27	25 11	1 54	0 38	1 7	20 50	1 45	5 25	0 48	18 49	0 6	11 16	17 31	14 26	14 59	16 50	14 4	1 59
T 25	4 36	14 48	0 9	0s10	1 41	11 24	0 24	25 13	1 54	0 33	1 7	20 50	1 45	5 26	0 48	18 49	0 6	11 16	17 31	14 26	15 0	16 49	14 3	2 0
F 26	4 59	11 47	0n55	0 56	1 37	11 52	0 22	25 15	1 54	0 28	1 7	20 50	1 45	5 27	0 48	18 48	0 6	11 17	17 31	14 26	15 1	16 48	14 3	2 0
S 27	5 22	8 15	1 58	1 42	1 32	12 20	0 19	25 16	1 53	0 22	1 7	20 49	1 45	5 27	0 48	18 48	0 6	11 17	17 31	14 27	15 2	16 47	14 2	2 0
S 28	5 45	4 18	2 55	2 27	1 27	12 48	0 17	25 17	1 53	0 17	1 7	20 49	1 46	5 28	0 48	18 48	0 6	11 18	17 31	14 29	15 3	16 46	14 1	2 0
M29	6 8	0 6	3 45	3 13	1 22	13 15	0 14	25 19	1 53	0 12	1 7	20 49	1 46	5 29	0 48	18 48	0 6	11 18	17 30	14 31	15 3	16 45	14 0	2 0
T 30	6s31	4s11	4n25	3s59	1n17	13s42	0n12	25s19	1s52	0n 7	1n 7	20n49	1s46	5s30	0s48	18n47	0s 6	11s18	17s30	14n34	15n 4	16n44	13n59	2s 0

Julian Day Number = 2301683.5, Delta T = 103.81 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'51, Lahiri = 18°07'51 Julian Calendar 1 Sept. 1589 == Greg. Calendar 11 Sept. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

OCTOBER 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 17 46	17♎33'04	4♏11	14♎45	8♏16	27♐27	2♎29	14°R14	17°R57	5♌41	12°R 6	20°R42	19♌13	11♌27	13°R21	W 1
T 2	1 21 42	18°32'40	17°25	16°28	9°30	28°11	2°42	14♊12	17♓55	5°42	12♈ 5	20♌32	19°10	11°34	13♉18	T 2
F 3	1 25 39	19°32'19	0♐51	18°10	10°45	28°54	2°54	14°11	17°53	5°43	12° 4	20°23	19° 7	11°40	13°16	F 3
S 4	1 29 36	20°31'59	14°28	19°52	11°59	29°37	3° 7	14° 9	17°51	5°44	12° 3	20°15	19° 4	11°47	13°13	S 4
S 5	1 33 32	21°31'41	28°14	21°33	13°14	0♑21	3°20	14° 7	17°49	5°45	12° 2	20°11	19° 0	11°54	13°10	S 5
M 6	1 37 29	22°31'25	12♑ 8	23°13	14°28	1° 4	3°33	14° 5	17°47	5°46	12° 1	20° 8	18°57	12° 0	13° 7	M 6
T 7	1 41 25	23°31'10	26° 9	24°53	15°42	1°48	3°45	14° 3	17°45	5°46	12° 0	20°D 8	18°54	12° 7	13° 4	T 7
W 8	1 45 22	24°30'58	10♒17	26°32	16°57	2°32	3°58	14° 1	17°44	5°47	11°58	20° 8	18°51	12°14	13° 1	W 8
T 9	1 49 18	25°30'46	24°31	28°10	18°11	3°16	4°10	13°58	17°42	5°48	11°57	20°R 8	18°48	12°20	12°58	T 9
F 10	1 53 15	26°30'37	8♓48	29°48	19°25	4° 0	4°23	13°56	17°40	5°48	11°56	20° 7	18°44	12°27	12°55	F 10
S 11	1 57 11	27°30'29	23° 7	1♏26	20°40	4°44	4°35	13°53	17°38	5°49	11°55	20° 3	18°41	12°34	12°52	S 11
S 12	2 1 8	28°30'23	7♈23	3° 2	21°54	5°28	4°48	13°51	17°37	5°50	11°54	19°57	18°38	12°40	12°49	S 12
M13	2 5 5	29°30'18	21°31	4°39	23° 8	6°12	5° 0	13°48	17°35	5°50	11°53	19°47	18°35	12°47	12°46	M13
T 14	2 9 1	0♏30'16	5♉25	6°15	24°23	6°56	5°12	13°45	17°34	5°51	11°52	19°36	18°32	12°53	12°43	T 14
W15	2 12 58	1°30'16	19° 3	7°50	25°37	7°40	5°25	13°42	17°32	5°51	11°51	19°24	18°29	13° 0	12°40	W15
T 16	2 16 54	2°30'17	2♊20	9°25	26°51	8°25	5°37	13°39	17°31	5°52	11°50	19°13	18°25	13° 7	12°37	T 16
F 17	2 20 51	3°30'21	15°15	10°59	28° 6	9° 9	5°49	13°36	17°29	5°52	11°48	19° 3	18°22	13°13	12°34	F 17
S 18	2 24 47	4°30'27	27°49	12°33	29°20	9°54	6° 1	13°33	17°28	5°53	11°47	18°55	18°19	13°20	12°31	S 18
S 19	2 28 44	5°30'35	10♋ 5	14° 7	0♐34	10°38	6°14	13°30	17°26	5°53	11°46	18°50	18°16	13°27	12°27	S 19
M20	2 32 40	6°30'45	22° 7	15°40	1°48	11°23	6°26	13°26	17°25	5°53	11°45	18°47	18°13	13°33	12°24	M20
T 21	2 36 37	7°30'57	3♌59	17°13	3° 3	12° 7	6°38	13°23	17°24	5°54	11°44	18°D46	18°10	13°40	12°21	T 21
W22	2 40 34	8°31'11	15°46	18°45	4°17	12°52	6°50	13°19	17°22	5°54	11°43	18°R46	18° 6	13°47	12°18	W22
T 23	2 44 30	9°31'27	27°35	20°17	5°31	13°37	7° 2	13°16	17°21	5°54	11°42	18°46	18° 3	13°53	12°15	T 23
F 24	2 48 27	10°31'45	9♍31	21°49	6°45	14°22	7°13	13°12	17°20	5°54	11°41	18°44	18° 0	14° 0	12°12	F 24
S 25	2 52 23	11°32'05	21°39	23°20	8° 0	15° 7	7°25	13° 8	17°19	5°54	11°40	18°41	17°57	14° 7	12° 8	S 25
S 26	2 56 20	12°32'27	4♎ 3	24°51	9°14	15°52	7°37	13° 4	17°18	5°55	11°39	18°34	17°54	14°13	12° 5	S 26
M27	3 0 16	13°32'51	16°45	26°22	10°28	16°37	7°49	13° 0	17°17	5°55	11°38	18°25	17°50	14°20	12° 2	M27
T 28	3 4 13	14°33'16	29°47	27°52	11°42	17°22	8° 0	12°56	17°16	5°55	11°37	18°13	17°47	14°27	11°59	T 28
W29	3 8 9	15°33'44	13♏ 9	29°22	12°56	18° 7	8°12	12°52	17°15	5°R55	11°36	18° 0	17°44	14°33	11°56	W29
T 30	3 12 6	16°34'13	26°48	0♐52	14°11	18°52	8°24	12°48	17°14	5°55	11°36	17°47	17°41	14°40	11°52	T 30
F 31	3 16 3	17♏34'44	10♐41	2♐21	15♐25	19♑38	8♎35	12♊44	17♓13	5♌55	11♈35	17♌35	17♌38	14♌46	11♉49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s54	8s21	4n52	4s44	1n11	14s 9	0n 9	25s20	1s52	0n 2	1n 7	20n48	1s46	5s31	0s48	18n47	0s 6	11s19	17s30	14n37	15n 5	16n43	13n58	2s 1
T 2	7 17	12 12	5 4	5 29	1 6	14 35	0 7	25 20	1 52	0s 3	1 7	20 48	1 46	5 31	0 48	18 47	0 6	11 19	17 30	14 41	15 6	16 42	13 57	2 1
F 3	7 40	15 29	5 0	6 13	1 0	15 1	0 4	25 21	1 51	0 8	1 7	20 48	1 46	5 32	0 48	18 47	0 6	11 20	17 30	14 44	15 7	16 41	13 56	2 1
S 4	8 2	17 59	4 38	6 57	0 54	15 26	0 2	25 20	1 51	0 13	1 7	20 47	1 46	5 33	0 48	18 47	0 6	11 20	17 30	14 46	15 8	16 40	13 55	2 1
S 5	8 25	19 28	4 1	7 41	0 47	15 52	0s 1	25 20	1 51	0 18	1 7	20 47	1 46	5 34	0 48	18 46	0 6	11 20	17 30	14 47	15 9	16 39	13 54	2 1
M 6	8 47	19 49	3 8	8 24	0 41	16 16	0 4	25 19	1 50	0 23	1 8	20 47	1 46	5 34	0 48	18 46	0 6	11 21	17 30	14 48	15 10	16 38	13 53	2 1
T 7	9 9	18 56	2 4	9 7	0 34	16 41	0 6	25 19	1 50	0 28	1 8	20 46	1 46	5 35	0 48	18 46	0 6	11 21	17 30	14 48	15 11	16 37	13 52	2 2
W 8	9 31	16 52	0 52	9 49	0 28	17 5	0 9	25 17	1 49	0 33	1 8	20 46	1 46	5 36	0 48	18 46	0 6	11 21	17 30	14 48	15 12	16 36	13 51	2 2
T 9	9 53	13 45	0s23	10 31	0 21	17 28	0 12	25 16	1 49	0 38	1 8	20 46	1 47	5 36	0 48	18 46	0 6	11 22	17 30	14 48	15 13	16 35	13 50	2 2
F 10	10 15	9 48	1 38	11 12	0 14	17 51	0 14	25 14	1 49	0 42	1 8	20 45	1 47	5 37	0 48	18 46	0 6	11 22	17 30	14 49	15 14	16 34	13 49	2 2
S 11	10 37	5 17	2 46	11 52	0 8	18 14	0 17	25 12	1 48	0 47	1 8	20 45	1 47	5 38	0 48	18 45	0 6	11 22	17 30	14 50	15 15	16 33	13 48	2 2
S 12	10 58	0 29	3 43	12 32	0 1	18 36	0 20	25 10	1 48	0 52	1 8	20 45	1 47	5 38	0 48	18 45	0 6	11 23	17 30	14 52	15 16	16 32	13 47	2 2
M13	11 19	4n17	4 26	13 11	0s 6	18 58	0 23	25 8	1 47	0 57	1 8	20 44	1 47	5 39	0 48	18 45	0 6	11 23	17 29	14 55	15 17	16 31	13 46	2 2
T 14	11 40	8 45	4 53	13 50	0 12	19 19	0 25	25 5	1 47	1 2	1 8	20 44	1 47	5 39	0 48	18 45	0 6	11 23	17 29	14 58	15 18	16 30	13 45	2 2
W15	12 1	12 41	5 2	14 27	0 19	19 39	0 28	25 2	1 46	1 7	1 8	20 43	1 47	5 40	0 48	18 45	0 6	11 24	17 29	15 2	15 19	16 29	13 43	2 3
T 16	12 22	15 52	4 54	15 4	0 26	19 59	0 31	24 59	1 46	1 11	1 8	20 43	1 47	5 41	0 48	18 45	0 6	11 24	17 29	15 6	15 20	16 28	13 42	2 3
F 17	12 43	18 11	4 31	15 40	0 32	20 19	0 33	24 56	1 45	1 16	1 8	20 43	1 47	5 41	0 48	18 45	0 6	11 24	17 29	15 9	15 21	16 26	13 41	2 3
S 18	13 3	19 33	3 56	16 16	0 39	20 38	0 36	24 52	1 45	1 21	1 8	20 42	1 47	5 42	0 47	18 45	0 6	11 24	17 29	15 11	15 22	16 25	13 40	2 3
S 19	13 23	19 57	3 10	16 50	0 46	20 57	0 39	24 48	1 44	1 26	1 9	20 42	1 47	5 42	0 47	18 44	0 6	11 25	17 29	15 13	15 23	16 24	13 39	2 3
M20	13 43	19 26	2 17	17 24	0 52	21 14	0 41	24 44	1 44	1 30	1 9	20 41	1 47	5 43	0 47	18 44	0 6	11 25	17 29	15 14	15 24	16 23	13 38	2 3
T 21	14 3	18 3	1 18	17 57	0 58	21 32	0 44	24 39	1 43	1 35	1 9	20 41	1 47	5 43	0 47	18 44	0 6	11 25	17 28	15 14	15 25	16 22	13 37	2 3
W22	14 22	15 53	0 16	18 28	1 5	21 48	0 46	24 34	1 43	1 40	1 9	20 40	1 47	5 44	0 47	18 44	0 6	11 25	17 28	15 14	15 26	16 21	13 36	2 3
T 23	14 42	13 4	0n47	18 59	1 11	22 4	0 49	24 29	1 42	1 44	1 9	20 40	1 47	5 44	0 47	18 44	0 6	11 26	17 28	15 14	15 27	16 20	13 35	2 4
F 24	15 1	9 41	1 48	19 30	1 17	22 20	0 52	24 24	1 42	1 49	1 9	20 39	1 47	5 44	0 47	18 44	0 6	11 26	17 28	15 14	15 28	16 19	13 34	2 4
S 25	15 20	5 50	2 45	19 59	1 23	22 35	0 54	24 18	1 41	1 54	1 9	20 39	1 47	5 45	0 47	18 44	0 6	11 26	17 28	15 16	15 29	16 18	13 33	2 4
S 26	15 38	1 41	3 35	20 27	1 28	22 49	0 57	24 13	1 41	1 58	1 9	20 38	1 47	5 45	0 47	18 44	0 6	11 26	17 27	15 18	15 30	16 17	13 32	2 4
M27	15 56	2s39	4 16	20 54	1 34	23 2	0 59	24 7	1 40	2 3	1 9	20 38	1 47	5 46	0 47	18 44	0 6	11 26	17 27	15 21	15 31	16 16	13 31	2 4
T 28	16 14	6 58	4 45	21 20	1 39	23 15	1 2	24 0	1 40	2 7	1 10	20 37	1 47	5 46	0 47	18 44	0 6	11 27	17 27	15 24	15 32	16 15	13 30	2 4
W29	16 32	11 4	4 59	21 45	1 44	23 27	1 4	23 54	1 39	2 12	1 10	20 37	1 48	5 46	0 47	18 44	0 6	11 27	17 27	15 28	15 33	16 14	13 29	2 4
T 30	16 50	14 40	4 57	22 9	1 49	23 39	1 6	23 47	1 38	2 16	1 10	20 36	1 48	5 47	0 47	18 44	0 6	11 27	17 27	15 32	15 34	16 13	13 28	2 4
F 31	17s 7	17s32	4n37	22s32	1s54	23s50	1s 9	23s40	1s38	2s20	1n10	20n36	1s48	5s47	0s47	18n44	0s 6	11s27	17s26	15n36	15n35	16n11	13n27	2s 4

Julian Day Number = 2301713.5, Delta T = 103.68 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'55, Lahiri = 18°07'55 Julian Calendar 1 Oct. 1589 == Greg. Calendar 11 Oct. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

NOVEMBER 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 59	18♏35'16	24♐43	3♐50	16♐39	20♑23	8♎46	12°R40	17°R12	5°R55	11°R34	17°R25	17♌35	14♌53	11°R46	S 1
S 2	3 23 56	19°35'49	8♑50	5°18	17°53	21° 8	8°58	12♊35	17♓12	5♌54	11♈33	17♌18	17°31	15° 0	11♉43	S 2
M 3	3 27 52	20°36'24	22°59	6°46	19° 7	21°54	9° 9	12°31	17°11	5°54	11°32	17°14	17°28	15° 6	11°40	M 3
T 4	3 31 49	21°37'01	7♒ 8	8°13	20°21	22°39	9°20	12°27	17°10	5°54	11°31	17°13	17°25	15°13	11°37	T 4
W 5	3 35 45	22°37'38	21°14	9°40	21°36	23°25	9°31	12°22	17°10	5°54	11°30	17°13	17°22	15°20	11°34	W 5
T 6	3 39 42	23°38'16	5♓17	11° 6	22°50	24°10	9°42	12°18	17° 9	5°54	11°29	17°13	17°19	15°26	11°31	T 6
F 7	3 43 38	24°38'56	19°16	12°32	24° 4	24°56	9°53	12°13	17° 8	5°53	11°29	17°11	17°16	15°33	11°27	F 7
S 8	3 47 35	25°39'36	3♈11	13°56	25°18	25°42	10° 4	12° 8	17° 8	5°53	11°28	17° 7	17°12	15°40	11°24	S 8
S 9	3 51 32	26°40'18	17° 0	15°20	26°32	26°27	10°15	12° 4	17° 8	5°53	11°27	16°59	17° 9	15°46	11°21	S 9
M10	3 55 28	27°41'01	0♉41	16°43	27°46	27°13	10°25	11°59	17° 7	5°52	11°26	16°49	17° 6	15°53	11°18	M10
T 11	3 59 25	28°41'45	14°12	18° 5	29° 0	27°59	10°36	11°54	17° 7	5°52	11°26	16°37	17° 3	16° 0	11°15	T 11
W12	4 3 21	29°42'30	27°29	19°25	0♑14	28°45	10°47	11°50	17° 7	5°52	11°25	16°24	17° 0	16° 6	11°12	W12
T 13	4 7 18	0♐43'17	10♊30	20°44	1°28	29°30	10°57	11°45	17° 7	5°51	11°24	16°11	16°56	16°13	11° 9	T 13
F 14	4 11 14	1°44'05	23°15	22° 1	2°42	0♒16	11° 7	11°40	17° 6	5°51	11°23	16° 0	16°53	16°19	11° 6	F 14
S 15	4 15 11	2°44'54	5♋42	23°17	3°56	1° 2	11°18	11°35	17° 6	5°50	11°23	15°51	16°50	16°26	11° 3	S 15
S 16	4 19 7	3°45'45	17°55	24°30	5°10	1°48	11°28	11°30	17° 6	5°49	11°22	15°45	16°47	16°33	11° 1	S 16
M17	4 23 4	4°46'37	29°55	25°40	6°24	2°34	11°38	11°25	17°D 6	5°49	11°22	15°41	16°44	16°39	10°58	M17
T 18	4 27 1	5°47'30	11♌46	26°48	7°37	3°20	11°48	11°20	17° 6	5°48	11°21	15°D40	16°41	16°46	10°55	T 18
W19	4 30 57	6°48'25	23°33	27°52	8°51	4° 6	11°58	11°15	17° 6	5°47	11°20	15°40	16°37	16°53	10°52	W19
T 20	4 34 54	7°49'20	5♍22	28°52	10° 5	4°52	12° 8	11°11	17° 7	5°47	11°20	15°R41	16°34	16°59	10°49	T 20
F 21	4 38 50	8°50'17	17°17	29°48	11°19	5°38	12°17	11° 6	17° 7	5°46	11°19	15°40	16°31	17° 6	10°47	F 21
S 22	4 42 47	9°51'16	29°25	0♑38	12°33	6°24	12°27	11° 1	17° 7	5°45	11°19	15°38	16°28	17°13	10°44	S 22
S 23	4 46 43	10°52'15	11♎50	1°23	13°46	7°10	12°36	10°56	17° 7	5°44	11°18	15°34	16°25	17°19	10°41	S 23
M24	4 50 40	11°53'16	24°36	2° 1	15° 0	7°56	12°46	10°51	17° 8	5°44	11°18	15°27	16°21	17°26	10°39	M24
T 25	4 54 36	12°54'18	7♏47	2°32	16°14	8°42	12°55	10°46	17° 8	5°43	11°17	15°18	16°18	17°33	10°36	T 25
W26	4 58 33	13°55'20	21°22	2°54	17°28	9°28	13° 4	10°41	17° 9	5°42	11°17	15° 8	16°15	17°39	10°34	W26
T 27	5 2 30	14°56'24	5♐19	3° 7	18°41	10°14	13°13	10°36	17° 9	5°41	11°16	14°57	16°12	17°46	10°31	T 27
F 28	5 6 26	15°57'29	19°36	3°R10	19°55	11° 1	13°22	10°31	17°10	5°40	11°16	14°47	16° 9	17°53	10°29	F 28
S 29	5 10 23	16°58'34	4♑ 5	3° 3	21° 8	11°47	13°31	10°26	17°10	5°39	11°16	14°39	16° 6	17°59	10°26	S 29
S 30	5 14 19	17♐59'40	18♑40	2♑44	22♑22	12♒33	13♎40	10♊21	17♓11	5♌38	11♈15	14♌34	16♌ 2	18♌ 6	10♉24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s24	19s24	4n 0	22s54	1s59	24s 0	1s11	23s32	1s37	2s25	1n10	20n35	1s48	5s47	0s47	18n44	0s 6	11s27	17s26	15n39	15n36	16n10	13n26	2s 4
S 2	17 40	20 4	3 8	23 15	2 3	24 9	1 13	23 25	1 37	2 29	1 10	20 35	1 48	5 47	0 47	18 44	0 6	11 27	17 26	15 41	15 37	16 9	13 24	2 4
M 3	17 56	19 29	2 4	23 34	2 7	24 18	1 16	23 17	1 36	2 33	1 10	20 34	1 48	5 48	0 47	18 44	0 6	11 27	17 26	15 42	15 38	16 8	13 23	2 5
T 4	18 12	17 40	0 53	23 52	2 11	24 26	1 18	23 9	1 35	2 38	1 10	20 34	1 48	5 48	0 47	18 44	0 6	11 28	17 25	15 42	15 39	16 7	13 22	2 5
W 5	18 28	14 47	0s21	24 9	2 14	24 33	1 20	23 1	1 35	2 42	1 11	20 33	1 48	5 48	0 47	18 44	0 6	11 28	17 25	15 43	15 40	16 6	13 21	2 5
T 6	18 43	11 3	1 34	24 25	2 17	24 40	1 22	22 52	1 34	2 46	1 11	20 32	1 48	5 48	0 47	18 44	0 6	11 28	17 25	15 43	15 41	16 5	13 20	2 5
F 7	18 58	6 43	2 41	24 40	2 20	24 46	1 24	22 43	1 33	2 50	1 11	20 32	1 48	5 48	0 47	18 45	0 6	11 28	17 25	15 43	15 42	16 4	13 19	2 5
S 8	19 13	2 3	3 38	24 53	2 22	24 51	1 26	22 34	1 33	2 54	1 11	20 31	1 47	5 49	0 47	18 45	0 6	11 28	17 24	15 44	15 43	16 3	13 18	2 5
S 9	19 27	2n40	4 21	25 4	2 24	24 55	1 28	22 25	1 32	2 59	1 11	20 31	1 47	5 49	0 47	18 45	0 6	11 28	17 24	15 47	15 44	16 1	13 17	2 5
M10	19 41	7 13	4 49	25 15	2 26	24 58	1 30	22 15	1 31	3 3	1 11	20 30	1 47	5 49	0 47	18 45	0 6	11 28	17 24	15 50	15 45	16 0	13 16	2 5
T 11	19 55	11 21	5 1	25 23	2 27	25 1	1 32	22 6	1 31	3 7	1 11	20 29	1 47	5 49	0 47	18 45	0 6	11 28	17 24	15 53	15 46	15 59	13 15	2 5
W12	20 8	14 51	4 55	25 31	2 27	25 3	1 34	21 56	1 30	3 11	1 12	20 29	1 47	5 49	0 47	18 45	0 6	11 28	17 23	15 57	15 47	15 58	13 14	2 5
T 13	20 21	17 32	4 35	25 37	2 27	25 5	1 36	21 45	1 29	3 15	1 12	20 28	1 47	5 49	0 47	18 45	0 6	11 28	17 23	16 1	15 48	15 57	13 13	2 5
F 14	20 33	19 19	4 1	25 41	2 27	25 5	1 37	21 35	1 29	3 19	1 12	20 28	1 47	5 49	0 46	18 45	0 6	11 28	17 23	16 4	15 48	15 56	13 13	2 5
S 15	20 45	20 7	3 15	25 44	2 25	25 5	1 39	21 24	1 28	3 22	1 12	20 27	1 47	5 49	0 46	18 45	0 6	11 28	17 22	16 7	15 49	15 55	13 12	2 5
S 16	20 57	19 57	2 22	25 46	2 23	25 4	1 41	21 13	1 27	3 26	1 12	20 26	1 47	5 49	0 46	18 46	0 6	11 28	17 22	16 9	15 50	15 53	13 11	2 5
M17	21 8	18 52	1 23	25 46	2 21	25 2	1 42	21 2	1 27	3 30	1 12	20 26	1 47	5 49	0 46	18 46	0 6	11 28	17 22	16 10	15 51	15 52	13 10	2 5
T 18	21 19	16 58	0 21	25 44	2 17	25 0	1 44	20 51	1 26	3 34	1 12	20 25	1 47	5 49	0 46	18 46	0 6	11 28	17 22	16 10	15 52	15 51	13 9	2 5
W19	21 30	14 21	0n42	25 41	2 13	24 56	1 45	20 39	1 25	3 38	1 13	20 25	1 47	5 49	0 46	18 46	0 6	11 28	17 21	16 10	15 53	15 50	13 8	2 5
T 20	21 40	11 10	1 43	25 37	2 8	24 52	1 46	20 28	1 25	3 41	1 13	20 24	1 47	5 49	0 46	18 46	0 6	11 28	17 21	16 10	15 54	15 49	13 7	2 5
F 21	21 49	7 30	2 40	25 31	2 1	24 48	1 48	20 16	1 24	3 45	1 13	20 23	1 47	5 49	0 46	18 46	0 6	11 28	17 21	16 10	15 55	15 48	13 6	2 5
S 22	21 59	3 28	3 31	25 23	1 54	24 42	1 49	20 3	1 23	3 48	1 13	20 23	1 47	5 48	0 46	18 47	0 6	11 28	17 20	16 11	15 56	15 46	13 5	2 5
S 23	22 7	0s48	4 14	25 15	1 46	24 36	1 50	19 51	1 22	3 52	1 13	20 22	1 47	5 48	0 46	18 47	0 6	11 28	17 20	16 12	15 57	15 45	13 4	2 6
M24	22 16	5 8	4 45	25 4	1 36	24 29	1 51	19 38	1 22	3 55	1 14	20 22	1 47	5 48	0 46	18 47	0 6	11 27	17 20	16 14	15 58	15 44	13 4	2 6
T 25	22 24	9 22	5 2	24 53	1 25	24 21	1 52	19 26	1 21	3 59	1 14	20 21	1 46	5 48	0 46	18 47	0 6	11 27	17 19	16 17	15 59	15 43	13 3	2 6
W26	22 31	13 16	5 2	24 40	1 13	24 13	1 53	19 13	1 20	4 2	1 14	20 20	1 46	5 48	0 46	18 47	0 6	11 27	17 19	16 20	16 0	15 42	13 2	2 6
T 27	22 38	16 33	4 46	24 26	0 59	24 3	1 54	18 59	1 20	4 6	1 14	20 20	1 46	5 47	0 46	18 48	0 6	11 27	17 19	16 23	16 1	15 41	13 1	2 6
F 28	22 45	18 55	4 11	24 11	0 44	23 54	1 54	18 46	1 19	4 9	1 14	20 19	1 46	5 47	0 46	18 48	0 6	11 27	17 18	16 26	16 2	15 39	13 0	2 6
S 29	22 51	20 7	3 19	23 55	0 28	23 43	1 55	18 32	1 18	4 12	1 14	20 19	1 46	5 47	0 46	18 48	0 6	11 27	17 18	16 28	16 3	15 38	13 0	2 6
S 30	22s57	19s58	2n14	23s38	0s10	23s32	1s56	18s19	1s17	4s15	1n15	20n18	1s46	5s47	0s46	18n48	0s 6	11s27	17s18	16n30	16n 4	15n37	12n59	2s 6

Julian Day Number = 2301744.5, Delta T = 103.55 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°00'59, Lahiri = 18°07'59 Julian Calendar 1 Nov. 1589 == Greg. Calendar 11 Nov. 1589

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ASTRODIENST EPHEMERIS for the year 1589
geocentric

DECEMBER 1589 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 18 16	19♐ 0'47	3♒14	2°R13	23♑36	13♒19	13♎48	10°R16	17♓12	5°R37	11°R15	14°R31	15♌59	18♌12	10°R22	M 1
T 2	5 22 12	20° 1'54	17°43	1♑31	24°49	14° 5	13°57	10♊11	17°12	5♌36	11♈14	14°D31	15°56	18°19	10♉19	T 2
W 3	5 26 9	21° 3'01	2♓ 2	0°38	26° 2	14°52	14° 5	10° 7	17°13	5°35	11°14	14♌32	15°53	18°26	10°17	W 3
T 4	5 30 5	22° 4'08	16° 9	29♐35	27°16	15°38	14°13	10° 2	17°14	5°34	11°14	14°R33	15°50	18°32	10°15	T 4
F 5	5 34 2	23° 5'16	0♈ 4	28°23	28°29	16°24	14°21	9°57	17°15	5°33	11°14	14°32	15°47	18°39	10°13	F 5
S 6	5 37 59	24° 6'23	13°46	27° 6	29°43	17°10	14°29	9°52	17°16	5°32	11°13	14°31	15°43	18°46	10°11	S 6
S 7	5 41 55	25° 7'31	27°16	25°44	0♒56	17°57	14°37	9°48	17°17	5°30	11°13	14°26	15°40	18°52	10° 9	S 7
M 8	5 45 52	26° 8'39	10♉34	24°21	2° 9	18°43	14°45	9°43	17°18	5°29	11°13	14°20	15°37	18°59	10° 7	M 8
T 9	5 49 48	27° 9'47	23°40	23° 1	3°22	19°29	14°52	9°38	17°19	5°28	11°13	14°12	15°34	19° 6	10° 5	T 9
W10	5 53 45	28°10'56	6♊33	21°44	4°35	20°15	15° 0	9°34	17°20	5°27	11°13	14° 3	15°31	19°12	10° 3	W10
T 11	5 57 41	29°12'04	19°14	20°34	5°48	21° 2	15° 7	9°29	17°22	5°25	11°13	13°55	15°27	19°19	10° 1	T 11
F 12	6 1 38	0♑13'13	1♋42	19°32	7° 1	21°48	15°14	9°25	17°23	5°24	11°12	13°47	15°24	19°26	9°59	F 12
S 13	6 5 34	1°14'22	13°58	18°40	8°14	22°34	15°21	9°20	17°24	5°23	11°12	13°41	15°21	19°32	9°58	S 13
S 14	6 9 31	2°15'31	26° 3	17°58	9°27	23°20	15°28	9°16	17°26	5°21	11°12	13°37	15°18	19°39	9°56	S 14
M15	6 13 28	3°16'41	7♌59	17°27	10°40	24° 7	15°35	9°12	17°27	5°20	11°12	13°D36	15°15	19°45	9°55	M15
T 16	6 17 24	4°17'51	19°48	17° 6	11°53	24°53	15°42	9° 7	17°28	5°19	11°D12	13°36	15°12	19°52	9°53	T 16
W17	6 21 21	5°19'01	1♍35	16°55	13° 6	25°39	15°48	9° 3	17°30	5°17	11°12	13°37	15° 8	19°59	9°52	W17
T 18	6 25 17	6°20'11	13°23	16°D53	14°18	26°25	15°54	8°59	17°32	5°16	11°12	13°39	15° 5	20° 5	9°50	T 18
F 19	6 29 14	7°21'21	25°17	17° 1	15°31	27°11	16° 0	8°55	17°33	5°14	11°12	13°40	15° 2	20°12	9°49	F 19
S 20	6 33 10	8°22'32	7♎22	17°16	16°43	27°58	16° 6	8°51	17°35	5°13	11°13	13°R41	14°59	20°19	9°47	S 20
S 21	6 37 7	9°23'42	19°44	17°40	17°56	28°44	16°12	8°47	17°36	5°12	11°13	13°41	14°56	20°25	9°46	S 21
M22	6 41 3	10°24'53	2♏27	18° 9	19° 8	29°30	16°18	8°43	17°38	5°10	11°13	13°38	14°53	20°32	9°45	M22
T 23	6 45 0	11°26'04	15°35	18°45	20°21	0♓16	16°23	8°39	17°40	5° 9	11°13	13°35	14°49	20°39	9°44	T 23
W24	6 48 57	12°27'15	29°10	19°27	21°33	1° 2	16°29	8°36	17°42	5° 7	11°13	13°30	14°46	20°45	9°43	W24
T 25	6 52 53	13°28'26	13♐12	20°13	22°45	1°49	16°34	8°32	17°44	5° 5	11°13	13°26	14°43	20°52	9°42	T 25
F 26	6 56 50	14°29'37	27°39	21° 4	23°57	2°35	16°39	8°29	17°46	5° 4	11°14	13°21	14°40	20°59	9°41	F 26
S 27	7 0 46	15°30'48	12♑24	21°59	25° 9	3°21	16°44	8°25	17°48	5° 2	11°14	13°17	14°37	21° 5	9°40	S 27
S 28	7 4 43	16°31'59	27°21	22°57	26°21	4° 7	16°49	8°22	17°50	5° 1	11°14	13°15	14°33	21°12	9°39	S 28
M29	7 8 39	17°33'09	12♒21	23°58	27°33	4°53	16°53	8°19	17°52	4°59	11°14	13°D14	14°30	21°19	9°39	M29
T 30	7 12 36	18°34'18	27°15	25° 2	28°45	5°39	16°58	8°15	17°54	4°58	11°15	13°15	14°27	21°25	9°38	T 30
W31	7 16 33	19♑35'26	11♓57	26♐ 9	29♒57	6♓25	17♎ 2	8♊12	17♓56	4♌56	11♈15	13♌16	14♌24	21♌32	9♉38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	18s30	1n 0	23s20	0n 9	23s20	1s56	18s 5	1s17	4s19	1n15	20n17	1s46	5s46	0s46	18n49	0s 6	11s26	17s17	16n31	16n 5	15n36	12n58	2s 6
T 2	23 7	15 50	0s17	23 1	0 28	23 7	1 56	17 51	1 16	4 22	1 15	20 17	1 46	5 46	0 46	18 49	0 6	11 26	17 17	16 31	16 6	15 34	12 57	2 6
W 3	23 11	12 13	1 33	22 41	0 48	22 54	1 57	17 36	1 15	4 25	1 15	20 16	1 46	5 46	0 46	18 49	0 6	11 26	17 17	16 31	16 7	15 33	12 57	2 6
T 4	23 15	7 57	2 42	22 21	1 8	22 40	1 57	17 22	1 14	4 28	1 15	20 16	1 45	5 45	0 46	18 50	0 6	11 26	17 16	16 30	16 8	15 32	12 56	2 6
F 5	23 19	3 20	3 40	22 1	1 28	22 25	1 57	17 7	1 13	4 31	1 16	20 15	1 45	5 45	0 46	18 50	0 6	11 25	17 16	16 30	16 8	15 31	12 55	2 6
S 6	23 22	1n23	4 25	21 41	1 47	22 10	1 57	16 53	1 13	4 34	1 16	20 15	1 45	5 44	0 46	18 50	0 6	11 25	17 16	16 31	16 9	15 30	12 55	2 6
S 7	23 24	5 57	4 54	21 21	2 4	21 54	1 57	16 38	1 12	4 36	1 16	20 14	1 45	5 44	0 46	18 50	0 6	11 25	17 15	16 32	16 10	15 28	12 54	2 6
M 8	23 26	10 10	5 7	21 2	2 20	21 37	1 57	16 23	1 11	4 39	1 16	20 14	1 45	5 43	0 45	18 51	0 6	11 25	17 15	16 34	16 11	15 27	12 54	2 6
T 9	23 28	13 49	5 4	20 44	2 34	21 20	1 57	16 7	1 10	4 42	1 16	20 13	1 45	5 43	0 45	18 51	0 6	11 24	17 14	16 36	16 12	15 26	12 53	2 6
W10	23 29	16 46	4 45	20 29	2 46	21 3	1 57	15 52	1 10	4 45	1 17	20 12	1 45	5 43	0 45	18 51	0 6	11 24	17 14	16 39	16 13	15 25	12 52	2 6
T 11	23 29	18 52	4 12	20 15	2 55	20 44	1 56	15 36	1 9	4 47	1 17	20 12	1 44	5 42	0 45	18 52	0 6	11 24	17 14	16 41	16 14	15 23	12 52	2 6
F 12	23 29	20 1	3 27	20 4	3 1	20 25	1 56	15 21	1 8	4 50	1 17	20 11	1 44	5 41	0 45	18 52	0 6	11 24	17 13	16 43	16 15	15 22	12 51	2 6
S 13	23 29	20 12	2 34	19 55	3 6	20 6	1 55	15 5	1 7	4 52	1 17	20 11	1 44	5 41	0 45	18 52	0 6	11 23	17 13	16 45	16 16	15 21	12 51	2 6
S 14	23 28	19 27	1 34	19 50	3 8	19 46	1 55	14 49	1 6	4 55	1 18	20 10	1 44	5 40	0 45	18 53	0 6	11 23	17 13	16 46	16 17	15 20	12 50	2 6
M15	23 27	17 49	0 31	19 47	3 8	19 25	1 54	14 33	1 6	4 57	1 18	20 10	1 44	5 40	0 45	18 53	0 6	11 23	17 12	16 47	16 18	15 18	12 50	2 6
T 16	23 25	15 27	0n34	19 46	3 6	19 4	1 53	14 16	1 5	4 59	1 18	20 10	1 44	5 39	0 45	18 53	0 6	11 22	17 12	16 47	16 19	15 17	12 49	2 6
W17	23 23	12 26	1 37	19 48	3 3	18 43	1 52	14 0	1 4	5 2	1 18	20 9	1 43	5 39	0 45	18 54	0 6	11 22	17 12	16 46	16 20	15 16	12 49	2 6
T 18	23 20	8 56	2 35	19 53	2 59	18 21	1 51	13 44	1 3	5 4	1 18	20 9	1 43	5 38	0 45	18 54	0 6	11 22	17 11	16 46	16 21	15 15	12 48	2 6
F 19	23 17	5 4	3 28	19 59	2 53	17 58	1 50	13 27	1 2	5 6	1 19	20 8	1 43	5 37	0 45	18 54	0 6	11 21	17 11	16 45	16 22	15 13	12 48	2 6
S 20	23 14	0 56	4 13	20 7	2 47	17 35	1 49	13 10	1 2	5 8	1 19	20 8	1 43	5 37	0 45	18 55	0 6	11 21	17 10	16 45	16 23	15 12	12 48	2 5
S 21	23 9	3s19	4 46	20 16	2 40	17 12	1 47	12 53	1 1	5 10	1 19	20 7	1 43	5 36	0 45	18 55	0 6	11 21	17 10	16 45	16 24	15 11	12 47	2 5
M22	23 5	7 32	5 7	20 26	2 32	16 48	1 46	12 36	1 0	5 12	1 19	20 7	1 42	5 35	0 45	18 56	0 6	11 20	17 10	16 46	16 24	15 10	12 47	2 5
T 23	23 0	11 33	5 13	20 38	2 24	16 23	1 44	12 19	0 59	5 14	1 20	20 7	1 42	5 34	0 45	18 56	0 6	11 20	17 9	16 47	16 25	15 8	12 47	2 5
W24	22 54	15 6	5 2	20 49	2 15	15 58	1 43	12 2	0 58	5 16	1 20	20 6	1 42	5 34	0 45	18 56	0 6	11 19	17 9	16 48	16 26	15 7	12 46	2 5
T 25	22 48	17 56	4 32	21 2	2 6	15 33	1 41	11 45	0 58	5 18	1 20	20 6	1 42	5 33	0 45	18 57	0 6	11 19	17 9	16 50	16 27	15 6	12 46	2 5
F 26	22 42	19 43	3 45	21 14	1 57	15 8	1 39	11 28	0 57	5 19	1 20	20 6	1 42	5 32	0 45	18 57	0 6	11 18	17 8	16 51	16 28	15 4	12 46	2 5
S 27	22 35	20 14	2 42	21 27	1 48	14 42	1 37	11 10	0 56	5 21	1 21	20 5	1 41	5 31	0 45	18 57	0 6	11 18	17 8	16 52	16 29	15 3	12 46	2 5
S 28	22 28	19 19	1 26	21 39	1 39	14 15	1 36	10 53	0 55	5 23	1 21	20 5	1 41	5 30	0 45	18 58	0 6	11 18	17 7	16 53	16 30	15 2	12 45	2 5
M29	22 20	17 3	0 5	21 52	1 30	13 49	1 33	10 35	0 54	5 24	1 21	20 5	1 41	5 30	0 45	18 58	0 6	11 17	17 7	16 53	16 31	15 0	12 45	2 5
T 30	22 12	13 39	1s17	22 4	1 20	13 22	1 31	10 17	0 53	5 26	1 21	20 4	1 41	5 29	0 45	18 59	0 6	11 17	17 7	16 53	16 32	14 59	12 45	2 5
W31	22s 3	9s26	2s32	22s15	1n11	12s54	1s29	9s59	0s53	5s27	1n21	20n 4	1s41	5s28	0s45	18n59	0s 6	11s16	17s 6	16n52	16n33	14n58	12n45	2s 5

Julian Day Number = 2301774.5, Delta T = 103.42 sec
Ecliptic obliquity = 23°29'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'03, Lahiri = 18°08'04 Julian Calendar 1 Dec. 1589 == Greg. Calendar 11 Dec. 1589

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

JANUARY 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 20 29	20♑36'34	26♓22	27♐18	1♓ 8	7♓11	17♎ 6	8°R 9	17♓58	4°R54	11♈15	13♌18	14♌21	21♌38	9°R37	T 1
F 2	7 24 26	21°37'41	10♈27	28°29	2°20	7°57	17°10	8♊ 6	18° 0	4♌53	11°16	13°19	14°18	21°45	9♉37	F 2
S 3	7 28 22	22°38'47	24°10	29°42	3°31	8°43	17°13	8° 4	18° 2	4°51	11°16	13°R19	14°14	21°52	9°36	S 3
S 4	7 32 19	23°39'52	7♉34	0♑57	4°43	9°29	17°17	8° 1	18° 5	4°49	11°17	13°18	14°11	21°58	9°36	S 4
M 5	7 36 15	24°40'56	20°39	2°13	5°54	10°15	17°20	7°58	18° 7	4°48	11°17	13°17	14° 8	22° 5	9°36	M 5
T 6	7 40 12	25°41'59	3♊28	3°30	7° 5	11° 1	17°23	7°56	18° 9	4°46	11°17	13°15	14° 5	22°12	9°35	T 6
W 7	7 44 8	26°43'02	16° 3	4°49	8°16	11°47	17°26	7°53	18°12	4°44	11°18	13°12	14° 2	22°18	9°35	W 7
T 8	7 48 5	27°44'03	28°25	6° 9	9°27	12°33	17°29	7°51	18°14	4°43	11°18	13° 9	13°59	22°25	9°D35	T 8
F 9	7 52 2	28°45'04	10♋36	7°31	10°37	13°19	17°32	7°49	18°17	4°41	11°19	13° 7	13°55	22°32	9°35	F 9
S 10	7 55 58	29°46'03	22°39	8°53	11°48	14° 5	17°34	7°47	18°19	4°39	11°20	13° 6	13°52	22°38	9°35	S 10
S 11	7 59 55	0♒47'02	4♌35	10°17	12°58	14°51	17°36	7°45	18°22	4°38	11°20	13° 5	13°49	22°45	9°35	S 11
M12	8 3 51	1°47'59	16°26	11°41	14° 9	15°37	17°38	7°43	18°24	4°36	11°21	13°D 5	13°46	22°52	9°36	M12
T 13	8 7 48	2°48'56	28°14	13° 6	15°19	16°22	17°40	7°41	18°27	4°34	11°21	13° 5	13°43	22°58	9°36	T 13
W14	8 11 44	3°49'52	10♍ 2	14°33	16°29	17° 8	17°42	7°39	18°30	4°33	11°22	13° 6	13°39	23° 5	9°36	W14
T 15	8 15 41	4°50'47	21°52	16° 0	17°39	17°54	17°44	7°38	18°32	4°31	11°23	13° 7	13°36	23°12	9°37	T 15
F 16	8 19 37	5°51'41	3♎48	17°28	18°49	18°40	17°45	7°36	18°35	4°29	11°23	13° 8	13°33	23°18	9°37	F 16
S 17	8 23 34	6°52'34	15°54	18°57	19°58	19°25	17°46	7°35	18°38	4°28	11°24	13° 8	13°30	23°25	9°38	S 17
S 18	8 27 31	7°53'27	28°13	20°26	21° 8	20°11	17°47	7°34	18°41	4°26	11°25	13° 9	13°27	23°31	9°38	S 18
M19	8 31 27	8°54'18	10♏52	21°56	22°17	20°56	17°48	7°33	18°43	4°24	11°25	13°R 9	13°24	23°38	9°39	M19
T 20	8 35 24	9°55'09	23°52	23°28	23°26	21°42	17°48	7°32	18°46	4°23	11°26	13° 9	13°20	23°45	9°40	T 20
W21	8 39 20	10°55'59	7♐18	25° 0	24°35	22°28	17°49	7°31	18°49	4°21	11°27	13° 9	13°17	23°51	9°40	W21
T 22	8 43 17	11°56'48	21°11	26°32	25°44	23°13	17°R49	7°30	18°52	4°19	11°28	13° 8	13°14	23°58	9°41	T 22
F 23	8 47 13	12°57'36	5♑32	28° 6	26°53	23°59	17°49	7°29	18°55	4°18	11°29	13°D 8	13°11	24° 5	9°42	F 23
S 24	8 51 10	13°58'23	20°16	29°40	28° 1	24°44	17°49	7°29	18°58	4°16	11°29	13° 8	13° 8	24°11	9°43	S 24
S 25	8 55 6	14°59'08	5♒18	1♒15	29°10	25°29	17°48	7°28	19° 1	4°14	11°30	13° 8	13° 5	24°18	9°44	S 25
M26	8 59 3	15°59'52	20°29	2°51	0♈18	26°15	17°48	7°28	19° 4	4°13	11°31	13°R 8	13° 1	24°25	9°45	M26
T 27	9 3 0	17° 0'35	5♓42	4°28	1°26	27° 0	17°47	7°28	19° 7	4°11	11°32	13° 8	12°58	24°31	9°47	T 27
W28	9 6 56	18° 1'17	20°44	6° 6	2°34	27°46	17°46	7°D27	19°10	4° 9	11°33	13° 8	12°55	24°38	9°48	W28
T 29	9 10 53	19° 1'56	5♈29	7°44	3°41	28°31	17°45	7°27	19°13	4° 8	11°34	13° 7	12°52	24°45	9°49	T 29
F 30	9 14 49	20° 2'34	19°51	9°23	4°49	29°16	17°43	7°28	19°16	4° 6	11°35	13° 7	12°49	24°51	9°50	F 30
S 31	9 18 46	21♒ 3'10	3♉47	11♒ 3	5♈56	0♈ 1	17♎42	7♊28	19♓19	4♌ 4	11♈36	13♌ 6	12♌45	24♌58	9♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s54	4s45	3s36	22s26	1n 2	12s27	1s27	9s41	0s52	5s28	1n22	20n 4	1s40	5s27	0s45	18n59	0s 6	11s16	17s 6	16n52	16n34	14n56	12n45	2s 5
F 2	21 45	0n 4	4 26	22 36	0 53	11 59	1 24	9 24	0 51	5 30	1 22	20 4	1 40	5 26	0 45	19 0	0 6	11 15	17 6	16 52	16 35	14 55	12 45	2 5
S 3	21 35	4 46	4 59	22 46	0 44	11 30	1 22	9 5	0 50	5 31	1 22	20 3	1 40	5 25	0 45	19 0	0 6	11 15	17 5	16 51	16 36	14 54	12 45	2 5
S 4	21 25	9 6	5 14	22 54	0 35	11 2	1 19	8 47	0 49	5 32	1 22	20 3	1 40	5 24	0 45	19 1	0 6	11 14	17 5	16 52	16 36	14 53	12 44	2 5
M 5	21 14	12 55	5 13	23 2	0 26	10 33	1 16	8 29	0 49	5 33	1 23	20 3	1 39	5 23	0 44	19 1	0 5	11 14	17 5	16 52	16 37	14 51	12 44	2 5
T 6	21 3	16 2	4 57	23 9	0 18	10 4	1 13	8 11	0 48	5 34	1 23	20 3	1 39	5 22	0 44	19 1	0 5	11 13	17 4	16 53	16 38	14 50	12 44	2 5
W 7	20 51	18 21	4 26	23 15	0 9	9 35	1 11	7 53	0 47	5 35	1 23	20 3	1 39	5 21	0 44	19 2	0 5	11 13	17 4	16 53	16 39	14 49	12 44	2 5
T 8	20 40	19 46	3 43	23 20	0 1	9 5	1 7	7 34	0 46	5 36	1 24	20 2	1 39	5 20	0 44	19 2	0 5	11 12	17 4	16 54	16 40	14 47	12 44	2 5
F 9	20 27	20 14	2 51	23 24	0s 7	8 36	1 4	7 16	0 45	5 36	1 24	20 2	1 39	5 19	0 44	19 3	0 5	11 12	17 3	16 55	16 41	14 46	12 44	2 5
S 10	20 15	19 46	1 51	23 26	0 15	8 6	1 1	6 58	0 44	5 37	1 24	20 2	1 38	5 18	0 44	19 3	0 5	11 11	17 3	16 55	16 42	14 44	12 45	2 5
S 11	20 2	18 24	0 47	23 28	0 23	7 36	0 58	6 39	0 44	5 38	1 24	20 2	1 38	5 17	0 44	19 4	0 5	11 11	17 2	16 56	16 43	14 43	12 45	2 5
M12	19 48	16 14	0n19	23 29	0 30	7 5	0 55	6 21	0 43	5 38	1 25	20 2	1 38	5 16	0 44	19 4	0 5	11 10	17 2	16 56	16 44	14 42	12 45	2 5
T 13	19 34	13 25	1 23	23 28	0 37	6 35	0 51	6 2	0 42	5 39	1 25	20 2	1 38	5 15	0 44	19 4	0 5	11 10	17 2	16 55	16 45	14 40	12 45	2 5
W14	19 20	10 3	2 24	23 26	0 44	6 5	0 48	5 43	0 41	5 39	1 25	20 2	1 37	5 14	0 44	19 5	0 5	11 9	17 1	16 55	16 46	14 39	12 45	2 5
T 15	19 6	6 17	3 19	23 23	0 51	5 34	0 44	5 25	0 40	5 39	1 25	20 2	1 37	5 13	0 44	19 5	0 5	11 9	17 1	16 55	16 47	14 38	12 45	2 5
F 16	18 51	2 15	4 6	23 18	0 58	5 3	0 40	5 6	0 40	5 40	1 26	20 2	1 37	5 12	0 44	19 6	0 5	11 8	17 1	16 55	16 47	14 36	12 45	2 5
S 17	18 36	1s55	4 43	23 12	1 4	4 32	0 36	4 47	0 39	5 40	1 26	20 2	1 37	5 11	0 44	19 6	0 5	11 7	17 0	16 55	16 48	14 35	12 46	2 4
S 18	18 20	6 5	5 7	23 5	1 10	4 1	0 33	4 29	0 38	5 40	1 26	20 2	1 36	5 10	0 44	19 6	0 5	11 7	17 0	16 54	16 49	14 34	12 46	2 4
M19	18 4	10 5	5 18	22 57	1 16	3 30	0 29	4 10	0 37	5 40	1 26	20 2	1 36	5 9	0 44	19 7	0 5	11 6	17 0	16 54	16 50	14 32	12 46	2 4
T 20	17 48	13 44	5 13	22 47	1 21	2 59	0 25	3 51	0 36	5 40	1 27	20 2	1 36	5 8	0 44	19 7	0 5	11 6	16 59	16 54	16 51	14 31	12 46	2 4
W21	17 32	16 48	4 50	22 36	1 27	2 28	0 20	3 32	0 35	5 40	1 27	20 2	1 36	5 7	0 44	19 8	0 5	11 5	16 59	16 54	16 52	14 29	12 47	2 4
T 22	17 15	19 2	4 11	22 23	1 31	1 57	0 16	3 14	0 35	5 40	1 27	20 2	1 35	5 5	0 44	19 8	0 5	11 4	16 59	16 55	16 53	14 28	12 47	2 4
F 23	16 58	20 8	3 15	22 9	1 36	1 25	0 12	2 55	0 34	5 40	1 27	20 3	1 35	5 4	0 44	19 8	0 5	11 4	16 59	16 55	16 54	14 27	12 47	2 4
S 24	16 40	19 55	2 4	21 54	1 40	0 54	0 8	2 36	0 33	5 39	1 28	20 3	1 35	5 3	0 44	19 9	0 5	11 3	16 58	16 55	16 55	14 25	12 48	2 4
S 25	16 23	18 17	0 44	21 37	1 45	0 23	0 3	2 17	0 32	5 39	1 28	20 3	1 35	5 2	0 44	19 9	0 5	11 3	16 58	16 55	16 56	14 24	12 48	2 4
M26	16 5	15 20	0s41	21 19	1 48	0n 8	0n 1	1 59	0 31	5 38	1 28	20 3	1 34	5 1	0 44	19 10	0 5	11 2	16 58	16 55	16 57	14 22	12 48	2 4
T 27	15 46	11 20	2 2	21 0	1 52	0 40	0 6	1 40	0 31	5 38	1 28	20 3	1 34	4 59	0 44	19 10	0 5	11 1	16 57	16 55	16 57	14 21	12 49	2 4
W28	15 28	6 39	3 14	20 38	1 55	1 11	0 10	1 21	0 30	5 37	1 29	20 4	1 34	4 58	0 44	19 11	0 5	11 1	16 57	16 55	16 58	14 20	12 49	2 4
T 29	15 9	1 40	4 12	20 16	1 57	1 42	0 15	1 2	0 29	5 37	1 29	20 4	1 34	4 57	0 44	19 11	0 5	11 0	16 57	16 55	16 59	14 18	12 50	2 4
F 30	14 50	3n16	4 52	19 52	2 0	2 13	0 20	0 43	0 28	5 36	1 29	20 4	1 33	4 56	0 44	19 11	0 5	11 0	16 56	16 55	17 0	14 17	12 50	2 4
S 31	14s31	7n53	5s14	19s27	2s 2	2n44	0n25	0s25	0s27	5s35	1n29	20n 4	1s33	4s55	0s44	19n12	0s 5	10s59	16s56	16n55	17n 1	14n15	12n51	2s 4

Julian Day Number = 2301805.5, Delta T = 103.29 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'07, Lahiri = 18°08'08 Julian Calendar 1 Jan. 1590 == Greg. Calendar 11 Jan. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

FEBRUARY 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 22 42	22♒ 3'45	17♉16	12♒44	7♈ 3	0♈46	17°R40	7♊28	19♓22	4°R 3	11♈37	13°D 6	12♌42	25♌ 5	9♉53	S 1
M 2	9 26 39	23° 4'17	0♊21	14°26	8° 9	1°32	17♎38	7°29	19°25	4♌ 1	11°38	13♌ 6	12°39	25°11	9°55	M 2
T 3	9 30 35	24° 4'48	13° 4	16° 9	9°16	2°17	17°36	7°29	19°28	4° 0	11°39	13° 6	12°36	25°18	9°57	T 3
W 4	9 34 32	25° 5'17	25°29	17°53	10°22	3° 2	17°34	7°30	19°32	3°58	11°40	13° 7	12°33	25°24	9°58	W 4
T 5	9 38 29	26° 5'44	7♋39	19°37	11°28	3°47	17°31	7°31	19°35	3°57	11°41	13° 8	12°30	25°31	10° 0	T 5
F 6	9 42 25	27° 6'09	19°40	21°23	12°34	4°32	17°29	7°32	19°38	3°55	11°42	13°10	12°26	25°38	10° 2	F 6
S 7	9 46 22	28° 6'33	1♌33	23°10	13°39	5°17	17°26	7°33	19°41	3°54	11°43	13°11	12°23	25°44	10° 4	S 7
S 8	9 50 18	29° 6'54	13°22	24°57	14°44	6° 2	17°23	7°34	19°45	3°52	11°44	13°R11	12°20	25°51	10° 6	S 8
M 9	9 54 15	0♓ 7'14	25°10	26°46	15°49	6°46	17°20	7°35	19°48	3°51	11°45	13°10	12°17	25°58	10° 8	M 9
T 10	9 58 11	1° 7'32	6♍58	28°35	16°54	7°31	17°17	7°36	19°51	3°49	11°46	13° 9	12°14	26° 4	10°10	T 10
W11	10 2 8	2° 7'48	18°50	0♓25	17°58	8°16	17°13	7°38	19°54	3°48	11°48	13° 7	12°11	26°11	10°12	W11
T 12	10 6 4	3° 8'03	0♎46	2°17	19° 2	9° 1	17° 9	7°39	19°58	3°46	11°49	13° 4	12° 7	26°18	10°14	T 12
F 13	10 10 1	4° 8'15	12°49	4° 9	20° 5	9°45	17° 5	7°41	20° 1	3°45	11°50	13° 0	12° 4	26°24	10°16	F 13
S 14	10 13 57	5° 8'27	25° 1	6° 2	21° 9	10°30	17° 1	7°43	20° 4	3°43	11°51	12°57	12° 1	26°31	10°18	S 14
S 15	10 17 54	6° 8'36	7♏25	7°56	22°12	11°15	16°57	7°45	20° 8	3°42	11°52	12°54	11°58	26°38	10°21	S 15
M16	10 21 51	7° 8'44	20° 4	9°51	23°14	11°59	16°53	7°47	20°11	3°41	11°53	12°51	11°55	26°44	10°23	M16
T 17	10 25 47	8° 8'51	3♐ 1	11°46	24°17	12°44	16°48	7°49	20°15	3°39	11°55	12°D50	11°51	26°51	10°25	T 17
W18	10 29 44	9° 8'56	16°19	13°42	25°19	13°28	16°44	7°51	20°18	3°38	11°56	12°50	11°48	26°58	10°28	W18
T 19	10 33 40	10° 8'59	29°59	15°39	26°20	14°13	16°39	7°54	20°21	3°37	11°57	12°51	11°45	27° 4	10°30	T 19
F 20	10 37 37	11° 9'01	14♑ 5	17°35	27°21	14°57	16°34	7°56	20°25	3°35	11°58	12°53	11°42	27°11	10°33	F 20
S 21	10 41 33	12° 9'01	28°34	19°32	28°22	15°41	16°29	7°59	20°28	3°34	12° 0	12°54	11°39	27°17	10°35	S 21
S 22	10 45 30	13° 9'00	13♒24	21°29	29°23	16°26	16°23	8° 1	20°32	3°33	12° 1	12°R55	11°36	27°24	10°38	S 22
M23	10 49 26	14° 8'57	28°29	23°26	0♉23	17°10	16°18	8° 4	20°35	3°32	12° 2	12°54	11°32	27°31	10°41	M23
T 24	10 53 23	15° 8'51	13♓40	25°22	1°22	17°54	16°12	8° 7	20°38	3°30	12° 3	12°52	11°29	27°37	10°44	T 24
W25	10 57 20	16° 8'44	28°48	27°17	2°21	18°38	16° 7	8°10	20°42	3°29	12° 5	12°48	11°26	27°44	10°46	W25
T 26	11 1 16	17° 8'35	13♈44	29°11	3°20	19°22	16° 1	8°13	20°45	3°28	12° 6	12°43	11°23	27°51	10°49	T 26
F 27	11 5 13	18° 8'23	28°18	1♈ 3	4°18	20° 6	15°55	8°16	20°49	3°27	12° 7	12°37	11°20	27°57	10°52	F 27
S 28	11 9 9	19♓ 8'10	12♉26	2♈53	5♉16	20♈51	15♎49	8♊19	20♓52	3♌26	12♈ 9	12♌32	11♌16	28♌ 4	10♉55	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s11	11n57	5s17	19s 0	2s 3	3n15	0n30	0s 6	0s27	5s34	1n30	20n 5	1s33	4s53	0s44	19n12	0s 5	10s58	16s56	16n55	17n 2	14n14	12n51	2s 4	S 1
M 2	13 51	15 19	5 4	18 31	2 5	3 46	0 35	0n13	0 26	5 33	1 30	20 5	1 33	4 52	0 44	19 12	0 5	10 58	16 56	16 55	17 3	14 12	12 52	2 4	M 2
T 3	13 31	17 51	4 36	18 1	2 6	4 17	0 40	0 31	0 25	5 32	1 30	20 5	1 32	4 51	0 44	19 13	0 5	10 57	16 55	16 55	17 4	14 11	12 52	2 4	T 3
W 4	13 11	19 30	3 55	17 30	2 6	4 48	0 45	0 50	0 24	5 31	1 30	20 6	1 32	4 50	0 44	19 13	0 5	10 56	16 55	16 55	17 5	14 10	12 53	2 4	W 4
T 5	12 51	20 12	3 5	16 57	2 6	5 18	0 50	1 9	0 23	5 30	1 31	20 6	1 32	4 48	0 44	19 14	0 5	10 56	16 55	16 55	17 6	14 8	12 53	2 4	T 5
F 6	12 30	19 57	2 7	16 23	2 5	5 49	0 55	1 27	0 23	5 29	1 31	20 6	1 32	4 47	0 44	19 14	0 5	10 55	16 55	16 54	17 6	14 7	12 54	2 4	F 6
S 7	12 9	18 49	1 4	15 47	2 5	6 19	1 0	1 46	0 22	5 27	1 31	20 7	1 31	4 46	0 44	19 14	0 5	10 54	16 54	16 54	17 7	14 5	12 55	2 4	S 7
S 8	11 48	16 52	0n 1	15 10	2 3	6 49	1 5	2 4	0 21	5 26	1 31	20 7	1 31	4 44	0 44	19 15	0 5	10 54	16 54	16 54	17 8	14 4	12 55	2 4	S 8
M 9	11 27	14 12	1 6	14 31	2 1	7 19	1 11	2 23	0 20	5 25	1 31	20 8	1 31	4 43	0 44	19 15	0 5	10 53	16 54	16 54	17 9	14 2	12 56	2 4	M 9
T 10	11 6	10 57	2 8	13 51	1 59	7 49	1 16	2 41	0 20	5 23	1 32	20 8	1 31	4 42	0 44	19 15	0 5	10 53	16 54	16 54	17 10	14 1	12 56	2 4	T 10
W11	10 44	7 15	3 5	13 9	1 56	8 19	1 21	3 0	0 19	5 22	1 32	20 9	1 30	4 40	0 44	19 16	0 5	10 52	16 53	16 55	17 11	13 59	12 57	2 4	W11
T 12	10 23	3 16	3 54	12 26	1 53	8 48	1 27	3 18	0 18	5 20	1 32	20 9	1 30	4 39	0 44	19 16	0 5	10 51	16 53	16 56	17 12	13 58	12 58	2 3	T 12
F 13	10 1	0s53	4 33	11 42	1 49	9 18	1 32	3 37	0 17	5 18	1 32	20 10	1 30	4 38	0 44	19 17	0 5	10 51	16 53	16 57	17 13	13 57	12 59	2 3	F 13
S 14	9 39	5 3	5 0	10 56	1 44	9 47	1 38	3 55	0 17	5 17	1 33	20 10	1 30	4 36	0 44	19 17	0 5	10 50	16 53	16 58	17 14	13 55	12 59	2 3	S 14
S 15	9 17	9 4	5 13	10 9	1 39	10 15	1 43	4 13	0 16	5 15	1 33	20 11	1 29	4 35	0 44	19 17	0 5	10 49	16 52	16 59	17 14	13 54	13 0	2 3	S 15
M16	8 54	12 47	5 12	9 20	1 34	10 44	1 49	4 31	0 15	5 13	1 33	20 11	1 29	4 34	0 44	19 18	0 5	10 49	16 52	16 59	17 15	13 52	13 1	2 3	M16
T 17	8 32	15 58	4 56	8 31	1 28	11 12	1 54	4 49	0 14	5 11	1 33	20 12	1 29	4 32	0 44	19 18	0 5	10 48	16 52	17 0	17 16	13 51	13 2	2 3	T 17
W18	8 9	18 26	4 23	7 40	1 21	11 40	2 0	5 7	0 13	5 9	1 33	20 13	1 29	4 31	0 44	19 18	0 5	10 47	16 52	17 0	17 17	13 49	13 2	2 3	W18
T 19	7 47	19 55	3 34	6 48	1 14	12 8	2 6	5 25	0 13	5 7	1 34	20 13	1 28	4 30	0 44	19 18	0 5	10 47	16 52	16 59	17 18	13 48	13 3	2 3	T 19
F 20	7 24	20 14	2 32	5 55	1 6	12 36	2 11	5 43	0 12	5 5	1 34	20 14	1 28	4 28	0 44	19 19	0 5	10 46	16 51	16 59	17 19	13 46	13 4	2 3	F 20
S 21	7 1	19 13	1 18	5 1	0 57	13 3	2 17	6 1	0 11	5 3	1 34	20 14	1 28	4 27	0 44	19 19	0 5	10 45	16 51	16 59	17 20	13 45	13 5	2 3	S 21
S 22	6 38	16 53	0s 3	4 7	0 48	13 30	2 22	6 19	0 10	5 1	1 34	20 15	1 28	4 26	0 44	19 19	0 5	10 45	16 51	16 58	17 21	13 43	13 6	2 3	S 22
M23	6 15	13 21	1 24	3 12	0 38	13 56	2 28	6 36	0 10	4 58	1 34	20 16	1 27	4 24	0 44	19 20	0 5	10 44	16 51	16 59	17 22	13 42	13 7	2 3	M23
T 24	5 52	8 54	2 41	2 16	0 28	14 23	2 34	6 54	0 9	4 56	1 34	20 16	1 27	4 23	0 44	19 20	0 5	10 44	16 51	16 59	17 22	13 40	13 7	2 3	T 24
W25	5 29	3 55	3 45	1 21	0 17	14 49	2 39	7 11	0 8	4 54	1 35	20 17	1 27	4 22	0 44	19 20	0 5	10 43	16 51	17 0	17 23	13 39	13 8	2 3	W25
T 26	5 5	1n14	4 33	0 25	0 6	15 14	2 45	7 29	0 8	4 51	1 35	20 18	1 27	4 20	0 44	19 21	0 5	10 42	16 50	17 2	17 24	13 37	13 9	2 3	T 26
F 27	4 42	6 11	5 2	0n30	0n 6	15 40	2 51	7 46	0 7	4 49	1 35	20 19	1 26	4 19	0 44	19 21	0 5	10 42	16 50	17 3	17 25	13 36	13 10	2 3	F 27
S 28	4s19	10n39	5s12	1n25	0n18	16n 4	2n56	8n 4	0s 6	4s46	1n35	20n19	1s26	4s18	0s44	19n21	0s 5	10s41	16s50	17n 5	17n26	13n34	13n11	2s 3	S 28

Julian Day Number = 2301836.5, Delta T = 103.15 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'12, Lahiri = 18°08'12 Julian Calendar 1 Feb. 1590 == Greg. Calendar 11 Feb. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

MARCH 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 13 6	20♓ 7'54	26♉ 6	4♈40	6♉13	21♈35	15°R42	8♊23	20♓56	3°R25	12♈10	12°R28	11♌13	28♌11	10♉58	S 1
M 2	11 17 2	21° 7'36	9♊17	6°25	7°10	22°18	15♎36	8°26	20°59	3♌24	12°11	12♌26	11°10	28°17	11° 1	M 2
T 3	11 20 59	22° 7'15	22° 2	8° 6	8° 6	23° 2	15°30	8°30	21° 2	3°23	12°13	12°D25	11° 7	28°24	11° 4	T 3
W 4	11 24 55	23° 6'53	4♋26	9°43	9° 1	23°46	15°23	8°33	21° 6	3°22	12°14	12°26	11° 4	28°31	11° 7	W 4
T 5	11 28 52	24° 6'28	16°33	11°16	9°56	24°30	15°16	8°37	21° 9	3°21	12°15	12°27	11° 1	28°37	11°11	T 5
F 6	11 32 49	25° 6'00	28°29	12°44	10°50	25°14	15°10	8°41	21°13	3°20	12°17	12°29	10°57	28°44	11°14	F 6
S 7	11 36 45	26° 5'31	10♌18	14° 7	11°44	25°58	15° 3	8°45	21°16	3°19	12°18	12°R30	10°54	28°51	11°17	S 7
S 8	11 40 42	27° 4'59	22° 5	15°24	12°37	26°41	14°56	8°49	21°20	3°18	12°20	12°29	10°51	28°57	11°20	S 8
M 9	11 44 38	28° 4'25	3♍52	16°35	13°29	27°25	14°49	8°53	21°23	3°17	12°21	12°27	10°48	29° 4	11°24	M 9
T 10	11 48 35	29° 3'49	15°44	17°40	14°21	28° 8	14°42	8°57	21°26	3°17	12°22	12°22	10°45	29°11	11°27	T 10
W11	11 52 31	0♈ 3'10	27°42	18°38	15°11	28°52	14°34	9° 2	21°30	3°16	12°24	12°15	10°42	29°17	11°31	W11
T 12	11 56 28	1° 2'30	9♎48	19°29	16° 1	29°35	14°27	9° 6	21°33	3°15	12°25	12° 7	10°38	29°24	11°34	T 12
F 13	12 0 24	2° 1'47	22° 3	20°14	16°51	0♉19	14°20	9°10	21°37	3°14	12°26	11°57	10°35	29°31	11°37	F 13
S 14	12 4 21	3° 1'03	4♏29	20°51	17°39	1° 2	14°12	9°15	21°40	3°14	12°28	11°48	10°32	29°37	11°41	S 14
S 15	12 8 17	4° 0'16	17° 6	21°20	18°27	1°45	14° 5	9°20	21°43	3°13	12°29	11°39	10°29	29°44	11°45	S 15
M16	12 12 14	4°59'28	29°55	21°43	19°13	2°29	13°57	9°24	21°47	3°12	12°31	11°32	10°26	29°50	11°48	M16
T 17	12 16 11	5°58'38	12♐57	21°58	19°59	3°12	13°50	9°29	21°50	3°12	12°32	11°28	10°22	29°57	11°52	T 17
W18	12 20 7	6°57'46	26°15	22° 5	20°44	3°55	13°42	9°34	21°53	3°11	12°34	11°25	10°19	0♍ 4	11°55	W18
T 19	12 24 4	7°56'53	9♑50	22°R 6	21°28	4°38	13°35	9°39	21°57	3°11	12°35	11°D25	10°16	0°10	11°59	T 19
F 20	12 28 0	8°55'58	23°44	22° 0	22°11	5°21	13°27	9°44	22° 0	3°10	12°36	11°25	10°13	0°17	12° 3	F 20
S 21	12 31 57	9°55'01	7♒56	21°47	22°53	6° 5	13°19	9°49	22° 3	3°10	12°38	11°R26	10°10	0°24	12° 7	S 21
S 22	12 35 53	10°54'02	22°26	21°28	23°33	6°48	13°12	9°54	22° 7	3° 9	12°39	11°25	10° 7	0°30	12°10	S 22
M23	12 39 50	11°53'01	7♓11	21° 4	24°13	7°31	13° 4	10° 0	22°10	3° 9	12°41	11°23	10° 3	0°37	12°14	M23
T 24	12 43 46	12°51'59	22° 5	20°34	24°51	8°13	12°56	10° 5	22°13	3° 8	12°42	11°18	10° 0	0°44	12°18	T 24
W25	12 47 43	13°50'54	7♈ 1	20° 0	25°29	8°56	12°49	10°10	22°16	3° 8	12°44	11°11	9°57	0°50	12°22	W25
T 26	12 51 40	14°49'48	21°49	19°22	26° 4	9°39	12°41	10°16	22°20	3° 8	12°45	11° 1	9°54	0°57	12°26	T 26
F 27	12 55 36	15°48'39	6♉22	18°41	26°39	10°22	12°33	10°21	22°23	3° 8	12°46	10°51	9°51	1° 4	12°30	F 27
S 28	12 59 33	16°47'28	20°32	17°58	27°12	11° 5	12°26	10°27	22°26	3° 7	12°48	10°41	9°48	1°10	12°34	S 28
S 29	13 3 29	17°46'16	4♊15	17°14	27°44	11°47	12°18	10°33	22°29	3° 7	12°49	10°33	9°44	1°17	12°38	S 29
M30	13 7 26	18°45'01	17°31	16°30	28°14	12°30	12°10	10°39	22°33	3° 7	12°51	10°26	9°41	1°24	12°42	M30
T 31	13 11 22	19♈43'43	0♋21	15♈45	28♉43	13♉13	12♎ 3	10♊44	22♓36	3♌ 7	12♈52	10♌22	9♌38	1♍30	12♉46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s55	14n24	5s 3	2n19	0n30	16n29	3n 2	8n21	0s 5	4s44	1n35	20n20	1s26	4s16	0s44	19n21	0s 5	10s40	16s50	17n 6	17n27	13n33	13n12	2s 3
M 2	3 32	17 18	4 38	3 12	0 43	16 53	3 8	8 38	0 5	4 41	1 35	20 21	1 26	4 15	0 44	19 22	0 5	10 40	16 50	17 7	17 28	13 31	13 13	2 3
T 3	3 8	19 15	4 1	4 4	0 55	17 17	3 13	8 55	0 4	4 39	1 35	20 22	1 25	4 14	0 44	19 22	0 5	10 39	16 50	17 7	17 29	13 30	13 14	2 3
W 4	2 44	20 13	3 12	4 54	1 8	17 40	3 19	9 12	0 3	4 36	1 36	20 22	1 25	4 12	0 44	19 22	0 5	10 38	16 50	17 7	17 29	13 28	13 15	2 3
T 5	2 21	20 12	2 16	5 42	1 21	18 3	3 25	9 29	0 2	4 33	1 36	20 23	1 25	4 11	0 44	19 22	0 5	10 38	16 50	17 6	17 30	13 26	13 16	2 3
F 6	1 57	19 17	1 15	6 29	1 33	18 26	3 30	9 45	0 2	4 31	1 36	20 24	1 25	4 9	0 44	19 23	0 5	10 37	16 49	17 6	17 31	13 25	13 17	2 3
S 7	1 33	17 30	0 12	7 12	1 46	18 48	3 36	10 2	0 1	4 28	1 36	20 25	1 25	4 8	0 44	19 23	0 5	10 37	16 49	17 6	17 32	13 23	13 18	2 3
S 8	1 10	15 0	0n52	7 53	1 58	19 10	3 41	10 18	0 0	4 25	1 36	20 26	1 24	4 7	0 44	19 23	0 5	10 36	16 49	17 6	17 33	13 22	13 19	2 3
M 9	0 46	11 52	1 53	8 32	2 10	19 31	3 47	10 35	0n 0	4 22	1 36	20 27	1 24	4 5	0 44	19 23	0 5	10 35	16 49	17 6	17 34	13 20	13 20	2 3
T 10	0 22	8 15	2 50	9 7	2 21	19 52	3 52	10 51	0 1	4 19	1 36	20 27	1 24	4 4	0 44	19 23	0 5	10 35	16 49	17 8	17 35	13 19	13 21	2 3
W11	0n 1	4 16	3 40	9 39	2 31	20 12	3 57	11 7	0 2	4 17	1 36	20 28	1 24	4 3	0 44	19 24	0 5	10 34	16 49	17 10	17 36	13 17	13 22	2 3
T 12	0 25	0 5	4 20	10 7	2 41	20 32	4 3	11 23	0 2	4 14	1 36	20 29	1 23	4 1	0 44	19 24	0 5	10 34	16 49	17 12	17 36	13 16	13 23	2 3
F 13	0 49	4s 9	4 49	10 32	2 49	20 52	4 8	11 39	0 3	4 11	1 36	20 30	1 23	4 0	0 44	19 24	0 5	10 33	16 49	17 15	17 37	13 14	13 24	2 3
S 14	1 12	8 16	5 4	10 53	2 57	21 11	4 13	11 55	0 4	4 8	1 36	20 31	1 23	3 59	0 44	19 24	0 5	10 32	16 49	17 17	17 38	13 13	13 25	2 3
S 15	1 36	12 6	5 5	11 11	3 4	21 29	4 18	12 11	0 4	4 5	1 37	20 32	1 23	3 57	0 44	19 24	0 5	10 32	16 49	17 20	17 39	13 11	13 26	2 3
M16	1 59	15 26	4 51	11 24	3 10	21 47	4 23	12 26	0 5	4 2	1 37	20 33	1 23	3 56	0 44	19 24	0 5	10 31	16 49	17 22	17 40	13 9	13 27	2 3
T 17	2 23	18 4	4 22	11 34	3 14	22 4	4 28	12 42	0 6	3 59	1 37	20 34	1 22	3 55	0 44	19 25	0 5	10 31	16 49	17 23	17 41	13 8	13 28	2 3
W18	2 46	19 48	3 38	11 40	3 17	22 21	4 33	12 57	0 7	3 56	1 37	20 35	1 22	3 53	0 44	19 25	0 5	10 30	16 49	17 24	17 42	13 6	13 30	2 3
T 19	3 10	20 27	2 41	11 41	3 18	22 38	4 38	13 12	0 7	3 53	1 37	20 36	1 22	3 52	0 44	19 25	0 5	10 29	16 48	17 24	17 42	13 5	13 31	2 3
F 20	3 33	19 52	1 34	11 39	3 19	22 54	4 42	13 28	0 8	3 50	1 37	20 37	1 22	3 51	0 44	19 25	0 5	10 29	16 48	17 24	17 43	13 3	13 32	2 3
S 21	3 56	18 1	0 19	11 33	3 17	23 9	4 47	13 43	0 8	3 47	1 37	20 38	1 22	3 49	0 44	19 25	0 5	10 28	16 48	17 23	17 44	13 1	13 33	2 3
S 22	4 19	14 59	0s59	11 23	3 14	23 24	4 51	13 57	0 9	3 44	1 37	20 39	1 21	3 48	0 44	19 25	0 5	10 28	16 48	17 23	17 45	13 0	13 34	2 3
M23	4 42	10 57	2 13	11 9	3 9	23 38	4 55	14 12	0 10	3 41	1 37	20 39	1 21	3 47	0 44	19 25	0 5	10 27	16 48	17 24	17 46	12 58	13 35	2 3
T 24	5 6	6 12	3 19	10 52	3 3	23 52	5 0	14 27	0 10	3 38	1 37	20 40	1 21	3 46	0 44	19 25	0 4	10 27	16 48	17 26	17 47	12 57	13 36	2 3
W25	5 28	1 4	4 12	10 32	2 55	24 5	5 4	14 41	0 11	3 35	1 37	20 41	1 21	3 44	0 44	19 26	0 4	10 26	16 48	17 28	17 48	12 55	13 37	2 3
T 26	5 51	4n 5	4 47	10 9	2 46	24 17	5 7	14 55	0 12	3 32	1 37	20 42	1 21	3 43	0 44	19 26	0 4	10 26	16 48	17 30	17 48	12 53	13 39	2 3
F 27	6 14	8 54	5 3	9 44	2 35	24 29	5 11	15 9	0 12	3 29	1 37	20 43	1 20	3 42	0 44	19 26	0 4	10 25	16 48	17 33	17 49	12 52	13 40	2 3
S 28	6 37	13 7	4 59	9 16	2 23	24 41	5 15	15 23	0 13	3 26	1 37	20 44	1 20	3 41	0 44	19 26	0 4	10 24	16 48	17 36	17 50	12 50	13 41	2 3
S 29	6 59	16 29	4 38	8 47	2 10	24 51	5 18	15 37	0 14	3 23	1 37	20 45	1 20	3 39	0 44	19 26	0 4	10 24	16 48	17 38	17 51	12 49	13 42	2 3
M30	7 22	18 52	4 3	8 16	1 55	25 1	5 21	15 51	0 14	3 20	1 37	20 46	1 20	3 38	0 44	19 26	0 4	10 23	16 48	17 40	17 52	12 47	13 43	2 3
T 31	7n44	20n13	3s16	7n45	1n40	25n11	5n24	16n 4	0n15	3s17	1n37	20n47	1s20	3s37	0s44	19n26	0s 4	10s23	16s48	17n41	17n53	12n45	13n44	2s 3

Julian Day Number = 2301864.5, Delta T = 103.03 sec
Ecliptic obliquity = 23°29'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'15, Lahiri = 18°08'16 Julian Calendar 1 March 1590 == Greg. Calendar 11 March 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

APRIL 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 15 19	20♈42'24	12♋47	15°R 2	29♉10	13♉55	11°R55	10♊50	22♓39	3°R 7	12♈54	10°R21	9♌35	1♍37	12♉50	W 1
T 2	13 19 15	21°41'02	24°56	14♈21	29°36	14°38	11♎48	10°56	22°42	3♌ 7	12°55	10°D20	9°32	1°44	12°54	T 2
F 3	13 23 12	22°39'38	6♌53	13°42	29°59	15°20	11°40	11° 2	22°45	3° 7	12°56	10°R21	9°28	1°50	12°58	F 3
S 4	13 27 9	23°38'12	18°42	13° 7	0♊21	16° 3	11°33	11° 9	22°48	3°D 7	12°58	10♌20	9°25	1°57	13° 2	S 4
S 5	13 31 5	24°36'44	0♍29	12°35	0°41	16°45	11°25	11°15	22°51	3° 7	12°59	10°19	9°22	2° 4	13° 6	S 5
M 6	13 35 2	25°35'13	12°19	12° 8	1° 0	17°27	11°18	11°21	22°54	3° 7	13° 1	10°15	9°19	2°10	13°10	M 6
T 7	13 38 58	26°33'41	24°15	11°45	1°16	18° 9	11°11	11°27	22°57	3° 7	13° 2	10° 8	9°16	2°17	13°14	T 7
W 8	13 42 55	27°32'06	6♎21	11°26	1°30	18°52	11° 4	11°34	23° 0	3° 7	13° 3	9°58	9°13	2°24	13°18	W 8
T 9	13 46 51	28°30'29	18°39	11°13	1°42	19°34	10°56	11°40	23° 3	3° 7	13° 5	9°47	9° 9	2°30	13°22	T 9
F 10	13 50 48	29°28'51	1♏ 9	11° 4	1°52	20°16	10°49	11°46	23° 6	3° 7	13° 6	9°34	9° 6	2°37	13°27	F 10
S 11	13 54 44	0♉27'10	13°52	11°D 0	2° 0	20°58	10°43	11°53	23° 9	3° 7	13° 8	9°21	9° 3	2°43	13°31	S 11
S 12	13 58 41	1°25'28	26°48	11° 2	2° 5	21°40	10°36	11°59	23°12	3° 8	13° 9	9° 9	9° 0	2°50	13°35	S 12
M13	14 2 38	2°23'44	9♐55	11° 8	2° 8	22°22	10°29	12° 6	23°15	3° 8	13°10	8°59	8°57	2°57	13°39	M13
T 14	14 6 34	3°21'59	23°14	11°19	2°R 9	23° 4	10°22	12°13	23°17	3° 8	13°12	8°52	8°53	3° 3	13°43	T 14
W15	14 10 31	4°20'12	6♑43	11°34	2° 7	23°46	10°16	12°19	23°20	3° 9	13°13	8°47	8°50	3°10	13°48	W15
T 16	14 14 27	5°18'24	20°24	11°54	2° 3	24°28	10° 9	12°26	23°23	3° 9	13°14	8°45	8°47	3°17	13°52	T 16
F 17	14 18 24	6°16'34	4♒16	12°19	1°57	25°10	10° 3	12°33	23°26	3° 9	13°16	8°45	8°44	3°23	13°56	F 17
S 18	14 22 20	7°14'42	18°19	12°48	1°48	25°51	9°57	12°40	23°28	3°10	13°17	8°45	8°41	3°30	14° 0	S 18
S 19	14 26 17	8°12'49	2♓34	13°21	1°37	26°33	9°51	12°47	23°31	3°10	13°18	8°44	8°38	3°37	14° 5	S 19
M20	14 30 13	9°10'55	16°58	13°58	1°23	27°15	9°45	12°54	23°34	3°11	13°20	8°40	8°34	3°43	14° 9	M20
T 21	14 34 10	10° 8'59	1♈28	14°39	1° 7	27°56	9°39	13° 1	23°36	3°11	13°21	8°35	8°31	3°50	14°13	T 21
W22	14 38 7	11° 7'02	16° 0	15°24	0°49	28°38	9°33	13° 8	23°39	3°12	13°22	8°26	8°28	3°57	14°18	W22
T 23	14 42 3	12° 5'03	0♉27	16°12	0°28	29°20	9°28	13°15	23°42	3°13	13°24	8°15	8°25	4° 3	14°22	T 23
F 24	14 46 0	13° 3'03	14°42	17° 3	0° 5	0♊ 1	9°22	13°22	23°44	3°13	13°25	8° 3	8°22	4°10	14°26	F 24
S 25	14 49 56	14° 1'02	28°40	17°58	29♉40	0°43	9°17	13°29	23°47	3°14	13°26	7°52	8°19	4°17	14°30	S 25
S 26	14 53 53	14°58'58	12♊16	18°56	29°13	1°24	9°12	13°36	23°49	3°15	13°27	7°41	8°15	4°23	14°35	S 26
M27	14 57 49	15°56'53	25°28	19°57	28°44	2° 5	9° 7	13°44	23°51	3°15	13°29	7°33	8°12	4°30	14°39	M27
T 28	15 1 46	16°54'46	8♋17	21° 0	28°13	2°47	9° 2	13°51	23°54	3°16	13°30	7°28	8° 9	4°37	14°43	T 28
W29	15 5 42	17°52'38	20°45	22° 7	27°41	3°28	8°57	13°58	23°56	3°17	13°31	7°25	8° 6	4°43	14°48	W29
T 30	15 9 39	18♉50'28	2♌55	23♈17	27♉ 7	4♊ 9	8♎53	14♊ 6	23♓58	3♌18	13♈32	7°D24	8♌ 3	4♍50	14♉52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 6	20n32	2s21	7n14	1n24	25n20	5n27	16n18	0n16	3s14	1n36	20n48	1s19	3s36	0s44	19n26	0s 4	10s22	16s49	17n41	17n54	12n44	13n46	2s 4
T 2	8 28	19 51	1 21	6 43	1 8	25 28	5 29	16 31	0 16	3 12	1 36	20 49	1 19	3 34	0 44	19 26	0 4	10 22	16 49	17 41	17 54	12 42	13 47	2 4
F 3	8 50	18 18	0 18	6 13	0 51	25 35	5 32	16 44	0 17	3 9	1 36	20 50	1 19	3 33	0 44	19 26	0 4	10 21	16 49	17 41	17 55	12 41	13 48	2 4
S 4	9 12	15 57	0n44	5 43	0 35	25 42	5 34	16 57	0 17	3 6	1 36	20 51	1 19	3 32	0 44	19 26	0 4	10 21	16 49	17 41	17 56	12 39	13 49	2 4
S 5	9 33	12 58	1 45	5 16	0 18	25 48	5 35	17 10	0 18	3 3	1 36	20 53	1 19	3 31	0 44	19 26	0 4	10 20	16 49	17 42	17 57	12 37	13 50	2 4
M 6	9 55	9 26	2 41	4 50	0 1	25 53	5 37	17 22	0 19	3 0	1 36	20 54	1 19	3 30	0 44	19 26	0 4	10 20	16 49	17 43	17 58	12 36	13 51	2 4
T 7	10 16	5 31	3 31	4 26	0s15	25 58	5 38	17 35	0 19	2 58	1 36	20 55	1 18	3 28	0 44	19 26	0 4	10 20	16 49	17 45	17 59	12 34	13 53	2 4
W 8	10 37	1 19	4 11	4 4	0 31	26 2	5 39	17 47	0 20	2 55	1 36	20 56	1 18	3 27	0 44	19 26	0 4	10 19	16 49	17 47	17 59	12 32	13 54	2 4
T 9	10 58	2s59	4 41	3 44	0 46	26 4	5 39	17 59	0 20	2 52	1 36	20 57	1 18	3 26	0 44	19 26	0 4	10 19	16 49	17 50	18 0	12 31	13 55	2 4
F 10	11 19	7 15	4 57	3 28	1 1	26 7	5 39	18 11	0 21	2 50	1 36	20 58	1 18	3 25	0 44	19 26	0 4	10 18	16 49	17 54	18 1	12 29	13 56	2 4
S 11	11 39	11 16	5 0	3 13	1 15	26 8	5 39	18 23	0 22	2 47	1 36	20 59	1 18	3 24	0 44	19 26	0 4	10 18	16 49	17 57	18 2	12 27	13 57	2 4
S 12	12 0	14 50	4 47	3 2	1 28	26 8	5 38	18 35	0 22	2 44	1 35	21 0	1 18	3 23	0 44	19 26	0 4	10 17	16 49	18 0	18 3	12 26	13 59	2 4
M13	12 20	17 43	4 18	2 52	1 40	26 8	5 37	18 46	0 23	2 42	1 35	21 1	1 17	3 22	0 44	19 26	0 4	10 17	16 49	18 3	18 4	12 24	14 0	2 4
T 14	12 40	19 43	3 36	2 46	1 52	26 6	5 35	18 57	0 23	2 39	1 35	21 2	1 17	3 20	0 44	19 26	0 4	10 17	16 50	18 5	18 4	12 22	14 1	2 4
W15	13 0	20 39	2 41	2 42	2 3	26 4	5 33	19 8	0 24	2 37	1 35	21 3	1 17	3 19	0 44	19 26	0 4	10 16	16 50	18 6	18 5	12 21	14 2	2 4
T 16	13 19	20 22	1 35	2 41	2 13	26 0	5 30	19 19	0 24	2 35	1 35	21 4	1 17	3 18	0 44	19 26	0 4	10 16	16 50	18 7	18 6	12 19	14 3	2 4
F 17	13 38	18 51	0 24	2 42	2 22	25 56	5 27	19 30	0 25	2 32	1 35	21 5	1 17	3 17	0 44	19 26	0 4	10 15	16 50	18 7	18 7	12 17	14 5	2 4
S 18	13 58	16 10	0s50	2 45	2 30	25 51	5 23	19 41	0 26	2 30	1 35	21 6	1 17	3 16	0 44	19 25	0 4	10 15	16 50	18 7	18 8	12 16	14 6	2 4
S 19	14 16	12 29	2 2	2 51	2 38	25 44	5 19	19 51	0 26	2 28	1 34	21 7	1 16	3 15	0 44	19 25	0 4	10 15	16 50	18 7	18 9	12 14	14 7	2 5
M20	14 35	8 2	3 7	2 59	2 45	25 36	5 14	20 1	0 27	2 26	1 34	21 8	1 16	3 14	0 44	19 25	0 4	10 14	16 50	18 8	18 9	12 12	14 8	2 5
T 21	14 54	3 5	4 0	3 10	2 51	25 28	5 9	20 11	0 27	2 23	1 34	21 9	1 16	3 13	0 44	19 25	0 4	10 14	16 50	18 9	18 10	12 11	14 9	2 5
W22	15 12	2n 2	4 38	3 22	2 56	25 18	5 3	20 21	0 28	2 21	1 34	21 10	1 16	3 12	0 44	19 25	0 4	10 14	16 51	18 12	18 11	12 9	14 11	2 5
T 23	15 30	7 0	4 58	3 37	3 0	25 7	4 56	20 31	0 28	2 19	1 34	21 11	1 16	3 11	0 44	19 25	0 4	10 13	16 51	18 14	18 12	12 7	14 12	2 5
F 24	15 47	11 31	4 59	3 53	3 4	24 55	4 49	20 40	0 29	2 17	1 33	21 12	1 16	3 10	0 44	19 25	0 4	10 13	16 51	18 18	18 13	12 6	14 13	2 5
S 25	16 5	15 20	4 41	4 11	3 7	24 42	4 41	20 49	0 29	2 15	1 33	21 13	1 16	3 9	0 44	19 25	0 4	10 13	16 51	18 21	18 14	12 4	14 14	2 5
S 26	16 22	18 13	4 8	4 31	3 9	24 27	4 33	20 58	0 30	2 14	1 33	21 14	1 15	3 8	0 44	19 25	0 4	10 12	16 51	18 23	18 14	12 2	14 15	2 5
M27	16 39	20 2	3 23	4 53	3 10	24 12	4 24	21 7	0 30	2 12	1 33	21 15	1 15	3 7	0 44	19 24	0 4	10 12	16 51	18 25	18 15	12 0	14 16	2 5
T 28	16 55	20 46	2 28	5 16	3 11	23 56	4 14	21 16	0 31	2 10	1 33	21 16	1 15	3 6	0 44	19 24	0 4	10 12	16 52	18 27	18 16	11 59	14 18	2 5
W29	17 12	20 27	1 27	5 41	3 11	23 38	4 4	21 24	0 31	2 8	1 32	21 17	1 15	3 5	0 44	19 24	0 4	10 11	16 52	18 27	18 17	11 57	14 19	2 5
T 30	17n28	19n10	0s24	6n 7	3s10	23n20	3n53	21n33	0n32	2s 7	1n32	21n18	1s15	3s 5	0s44	19n24	0s 4	10s11	16s52	18n28	18n18	11n55	14n20	2s 5

Julian Day Number = 2301895.5, Delta T = 102.90 sec
Ecliptic obliquity = 23°29'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'20, Lahiri = 18°08'20 Julian Calendar 1 Apr. 1590 == Greg. Calendar 11 Apr. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

MAY 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 13 36	19♉48'16	14♌53	24♈29	26°R32	4♊51	8°R48	14♊13	24♓ 1	3♌19	13♈33	7°R24	7♌59	4♍57	14♉56	F 1
S 2	15 17 32	20°46'02	26°44	25°44	25♉55	5°32	8♎44	14°20	24° 3	3°19	13°35	7♌24	7°56	5° 3	15° 1	S 2
S 3	15 21 29	21°43'47	8♍33	27° 1	25°19	6°13	8°40	14°28	24° 5	3°20	13°36	7°23	7°53	5°10	15° 5	S 3
M 4	15 25 25	22°41'30	20°25	28°21	24°41	6°54	8°36	14°35	24° 7	3°21	13°37	7°20	7°50	5°17	15° 9	M 4
T 5	15 29 22	23°39'11	2♎26	29°43	24° 3	7°35	8°32	14°43	24° 9	3°22	13°38	7°14	7°47	5°23	15°13	T 5
W 6	15 33 18	24°36'51	14°38	1♏ 8	23°26	8°16	8°29	14°50	24°12	3°23	13°39	7° 6	7°44	5°30	15°18	W 6
T 7	15 37 15	25°34'29	27° 6	2°35	22°48	8°57	8°25	14°58	24°14	3°24	13°40	6°56	7°40	5°37	15°22	T 7
F 8	15 41 11	26°32'06	9♏50	4° 5	22°11	9°38	8°22	15° 5	24°16	3°25	13°41	6°45	7°37	5°43	15°26	F 8
S 9	15 45 8	27°29'42	22°51	5°37	21°34	10°19	8°19	15°13	24°18	3°27	13°43	6°33	7°34	5°50	15°30	S 9
S 10	15 49 4	28°27'16	6♐ 7	7°11	20°58	11° 0	8°16	15°20	24°19	3°28	13°44	6°22	7°31	5°57	15°35	S 10
M11	15 53 1	29°24'49	19°37	8°48	20°24	11°40	8°13	15°28	24°21	3°29	13°45	6°14	7°28	6° 3	15°39	M11
T 12	15 56 58	0♊22'22	3♑19	10°27	19°51	12°21	8°11	15°36	24°23	3°30	13°46	6° 7	7°25	6°10	15°43	T 12
W13	16 0 54	1°19'53	17°10	12° 9	19°19	13° 2	8° 8	15°43	24°25	3°31	13°47	6° 3	7°21	6°17	15°47	W13
T 14	16 4 51	2°17'23	1♒ 7	13°52	18°49	13°42	8° 6	15°51	24°27	3°32	13°48	6°D 2	7°18	6°23	15°51	T 14
F 15	16 8 47	3°14'53	15° 9	15°39	18°21	14°23	8° 4	15°59	24°29	3°34	13°49	6° 2	7°15	6°30	15°56	F 15
S 16	16 12 44	4°12'21	29°16	17°27	17°55	15° 4	8° 2	16° 7	24°30	3°35	13°50	6°R 3	7°12	6°37	16° 0	S 16
S 17	16 16 40	5° 9'49	13♓25	19°18	17°31	15°44	8° 1	16°14	24°32	3°36	13°51	6° 2	7° 9	6°43	16° 4	S 17
M18	16 20 37	6° 7'16	27°36	21°11	17° 9	16°25	7°59	16°22	24°33	3°38	13°52	6° 1	7° 5	6°50	16° 8	M18
T 19	16 24 34	7° 4'43	11♈46	23° 6	16°50	17° 5	7°58	16°30	24°35	3°39	13°53	5°57	7° 2	6°57	16°12	T 19
W20	16 28 30	8° 2'09	25°53	25° 3	16°32	17°46	7°57	16°38	24°36	3°40	13°54	5°50	6°59	7° 3	16°16	W20
T 21	16 32 27	8°59'34	9♉53	27° 3	16°18	18°26	7°56	16°45	24°38	3°42	13°54	5°42	6°56	7°10	16°20	T 21
F 22	16 36 23	9°56'58	23°43	29° 5	16° 5	19° 7	7°55	16°53	24°39	3°43	13°55	5°33	6°53	7°17	16°24	F 22
S 23	16 40 20	10°54'22	7♊18	1♊ 8	15°55	19°47	7°54	17° 1	24°41	3°45	13°56	5°24	6°50	7°23	16°28	S 23
S 24	16 44 16	11°51'45	20°37	3°13	15°47	20°27	7°54	17° 9	24°42	3°46	13°57	5°16	6°46	7°30	16°32	S 24
M25	16 48 13	12°49'07	3♋36	5°20	15°42	21° 8	7°54	17°17	24°43	3°48	13°58	5°10	6°43	7°37	16°36	M25
T 26	16 52 9	13°46'28	16°17	7°29	15°39	21°48	7°D54	17°24	24°45	3°49	13°59	5° 6	6°40	7°43	16°40	T 26
W27	16 56 6	14°43'48	28°40	9°38	15°D39	22°28	7°54	17°32	24°46	3°51	14° 0	5° 4	6°37	7°50	16°44	W27
T 28	17 0 3	15°41'08	10♌48	11°49	15°40	23° 8	7°54	17°40	24°47	3°53	14° 0	5°D 4	6°34	7°57	16°48	T 28
F 29	17 3 59	16°38'26	22°46	14° 0	15°45	23°48	7°54	17°48	24°48	3°54	14° 1	5° 5	6°31	8° 3	16°52	F 29
S 30	17 7 56	17°35'44	4♍37	16°11	15°51	24°28	7°55	17°56	24°49	3°56	14° 2	5° 6	6°27	8°10	16°56	S 30
S 31	17 11 52	18♊33'00	16♍27	18♊23	15♉59	25♊ 8	7♎56	18♊ 4	24♓50	3♌58	14♈ 3	5°R 7	6♌24	8♍17	17♉ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n44	17n 2	0n40	6n35	3s 9	23n 0	3n41	21n41	0n33	2s 5	1n32	21n19	1s15	3s 4	0s44	19n24	0s 4	10s11	16s52	18n28	18n19	11n54	14n21	2s 6
S 2	17 59	14 13	1 41	7 4	3 7	22 40	3 29	21 49	0 33	2 4	1 32	21 20	1 15	3 3	0 44	19 23	0 4	10 11	16 52	18 28	18 19	11 52	14 22	2 6
S 3	18 14	10 49	2 37	7 34	3 4	22 19	3 17	21 57	0 34	2 2	1 32	21 21	1 15	3 2	0 44	19 23	0 4	10 10	16 53	18 28	18 20	11 50	14 23	2 6
M 4	18 29	6 59	3 27	8 6	3 1	21 57	3 4	22 4	0 34	2 1	1 31	21 22	1 14	3 1	0 44	19 23	0 4	10 10	16 53	18 29	18 21	11 48	14 25	2 6
T 5	18 44	2 50	4 9	8 38	2 57	21 35	2 51	22 11	0 35	2 0	1 31	21 23	1 14	3 0	0 44	19 23	0 4	10 10	16 53	18 30	18 22	11 47	14 26	2 6
W 6	18 58	1s29	4 40	9 12	2 53	21 13	2 38	22 19	0 35	1 59	1 31	21 24	1 14	3 0	0 45	19 23	0 4	10 10	16 53	18 32	18 23	11 45	14 27	2 6
T 7	19 12	5 50	4 58	9 46	2 48	20 50	2 24	22 25	0 36	1 58	1 31	21 25	1 14	2 59	0 45	19 22	0 4	10 9	16 54	18 35	18 23	11 43	14 28	2 6
F 8	19 25	10 1	5 2	10 22	2 42	20 26	2 10	22 32	0 36	1 56	1 30	21 26	1 14	2 58	0 45	19 22	0 4	10 9	16 54	18 38	18 24	11 41	14 29	2 6
S 9	19 39	13 50	4 50	10 58	2 36	20 3	1 56	22 39	0 37	1 55	1 30	21 27	1 14	2 57	0 45	19 22	0 4	10 9	16 54	18 41	18 25	11 40	14 30	2 6
S 10	19 52	17 3	4 23	11 35	2 29	19 40	1 41	22 45	0 37	1 55	1 30	21 28	1 14	2 57	0 45	19 22	0 4	10 9	16 54	18 43	18 26	11 38	14 31	2 6
M11	20 4	19 25	3 41	12 13	2 22	19 17	1 27	22 51	0 37	1 54	1 30	21 29	1 14	2 56	0 45	19 21	0 4	10 9	16 55	18 45	18 27	11 36	14 32	2 7
T 12	20 16	20 42	2 45	12 51	2 15	18 54	1 13	22 57	0 38	1 53	1 29	21 30	1 14	2 55	0 45	19 21	0 4	10 9	16 55	18 47	18 28	11 34	14 33	2 7
W13	20 28	20 45	1 39	13 30	2 7	18 32	0 59	23 3	0 38	1 52	1 29	21 30	1 13	2 54	0 45	19 21	0 4	10 8	16 55	18 48	18 28	11 33	14 35	2 7
T 14	20 40	19 32	0 26	14 10	1 58	18 10	0 45	23 8	0 39	1 52	1 29	21 31	1 13	2 54	0 45	19 21	0 4	10 8	16 55	18 48	18 29	11 31	14 36	2 7
F 15	20 51	17 6	0s49	14 49	1 49	17 49	0 31	23 14	0 39	1 51	1 29	21 32	1 13	2 53	0 45	19 20	0 4	10 8	16 56	18 48	18 30	11 29	14 37	2 7
S 16	21 2	13 38	2 1	15 29	1 40	17 29	0 17	23 19	0 40	1 51	1 28	21 33	1 13	2 52	0 45	19 20	0 4	10 8	16 56	18 48	18 31	11 27	14 38	2 7
S 17	21 12	9 23	3 6	16 8	1 30	17 9	0 3	23 24	0 40	1 50	1 28	21 34	1 13	2 52	0 45	19 20	0 4	10 8	16 56	18 48	18 32	11 26	14 39	2 7
M18	21 23	4 37	4 0	16 48	1 20	16 50	0s10	23 28	0 41	1 50	1 28	21 35	1 13	2 51	0 45	19 19	0 4	10 8	16 56	18 49	18 32	11 24	14 40	2 7
T 19	21 32	0n23	4 39	17 28	1 10	16 32	0 23	23 33	0 41	1 49	1 28	21 36	1 13	2 51	0 45	19 19	0 4	10 8	16 57	18 50	18 33	11 22	14 41	2 8
W20	21 42	5 21	5 1	18 7	1 0	16 15	0 35	23 37	0 42	1 49	1 27	21 37	1 13	2 50	0 45	19 19	0 4	10 8	16 57	18 51	18 34	11 20	14 42	2 8
T 21	21 51	10 0	5 4	18 45	0 49	16 0	0 47	23 41	0 42	1 49	1 27	21 38	1 13	2 50	0 45	19 18	0 4	10 7	16 57	18 53	18 35	11 18	14 43	2 8
F 22	21 59	14 3	4 50	19 23	0 38	15 45	0 59	23 45	0 43	1 49	1 27	21 38	1 13	2 49	0 45	19 18	0 4	10 7	16 57	18 55	18 36	11 17	14 44	2 8
S 23	22 8	17 18	4 20	19 59	0 27	15 31	1 10	23 49	0 43	1 49	1 27	21 39	1 12	2 48	0 45	19 18	0 4	10 7	16 58	18 58	18 36	11 15	14 45	2 8
S 24	22 16	19 34	3 36	20 35	0 16	15 18	1 21	23 52	0 43	1 49	1 26	21 40	1 12	2 48	0 45	19 17	0 4	10 7	16 58	19 0	18 37	11 13	14 46	2 8
M25	22 23	20 46	2 41	21 9	0 5	15 7	1 32	23 55	0 44	1 49	1 26	21 41	1 12	2 48	0 45	19 17	0 4	10 7	16 58	19 1	18 38	11 11	14 47	2 8
T 26	22 30	20 51	1 39	21 42	0n 5	14 56	1 42	23 58	0 44	1 50	1 26	21 42	1 12	2 47	0 45	19 17	0 4	10 7	16 59	19 2	18 39	11 9	14 48	2 9
W27	22 37	19 55	0 34	22 12	0 16	14 47	1 51	24 1	0 45	1 50	1 25	21 43	1 12	2 47	0 45	19 16	0 4	10 7	16 59	19 2	18 40	11 8	14 49	2 9
T 28	22 43	18 3	0n31	22 41	0 26	14 39	2 1	24 4	0 45	1 50	1 25	21 43	1 12	2 46	0 45	19 16	0 4	10 7	16 59	19 2	18 40	11 6	14 50	2 9
F 29	22 49	15 26	1 34	23 8	0 36	14 31	2 9	24 6	0 46	1 51	1 25	21 44	1 12	2 46	0 45	19 16	0 4	10 7	17 0	19 2	18 41	11 4	14 51	2 9
S 30	22 55	12 12	2 33	23 32	0 46	14 25	2 18	24 8	0 46	1 51	1 25	21 45	1 12	2 45	0 45	19 15	0 4	10 7	17 0	19 2	18 42	11 2	14 52	2 9
S 31	23n 0	8n30	3n25	23n54	0n55	14n20	2s26	24n10	0n46	1s52	1n24	21n46	1s12	2s45	0s45	19n15	0s 4	10s 7	17s 0	19n 2	18n43	11n 0	14n53	2s 9

Julian Day Number = 2301925.5, Delta T = 102.77 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'24, Lahiri = 18°08'24 Julian Calendar 1 May 1590 == Greg. Calendar 11 May 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

JUNE 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 15 49	19♊30'16	28♍21	20♊35	16♉10	25♊48	7♎57	18♊11	24♓51	3♏59	14♈ 3	5°R 7	6♏21	8♍23	17♉ 3	M 1
T 2	17 19 45	20°27'31	10♎23	22°47	16°22	26°28	7°58	18°19	24°52	4° 1	14° 4	5♏ 5	6°18	8°30	17° 7	T 2
W 3	17 23 42	21°24'45	22°39	24°57	16°37	27° 8	8° 0	18°27	24°53	4° 3	14° 5	5° 1	6°15	8°37	17°11	W 3
T 4	17 27 38	22°21'59	5♏12	27° 7	16°53	27°48	8° 1	18°35	24°54	4° 4	14° 5	4°55	6°11	8°43	17°15	T 4
F 5	17 31 35	23°19'11	18° 4	29°16	17°12	28°28	8° 3	18°43	24°54	4° 6	14° 6	4°49	6° 8	8°50	17°18	F 5
S 6	17 35 32	24°16'24	1♐18	1♋24	17°32	29° 8	8° 5	18°51	24°55	4° 8	14° 7	4°42	6° 5	8°57	17°22	S 6
S 7	17 39 28	25°13'36	14°51	3°30	17°54	29°48	8° 7	18°58	24°56	4°10	14° 7	4°36	6° 2	9° 3	17°26	S 7
M 8	17 43 25	26°10'47	28°43	5°34	18°18	0♋28	8° 9	19° 6	24°56	4°12	14° 8	4°31	5°59	9°10	17°29	M 8
T 9	17 47 21	27° 7'58	12♑49	7°37	18°43	1° 7	8°12	19°14	24°57	4°13	14° 8	4°28	5°56	9°17	17°33	T 9
W10	17 51 18	28° 5'09	27° 5	9°38	19°10	1°47	8°14	19°22	24°57	4°15	14° 9	4°26	5°52	9°23	17°36	W10
T 11	17 55 14	29° 2'20	11♒27	11°37	19°38	2°27	8°17	19°30	24°58	4°17	14° 9	4°D26	5°49	9°30	17°40	T 11
F 12	17 59 11	29°59'31	25°50	13°34	20° 8	3° 6	8°20	19°37	24°58	4°19	14°10	4°27	5°46	9°37	17°43	F 12
S 13	18 3 7	0♋56'41	10♓10	15°29	20°40	3°46	8°23	19°45	24°59	4°21	14°10	4°28	5°43	9°43	17°47	S 13
S 14	18 7 4	1°53'52	24°25	17°23	21°12	4°26	8°26	19°53	24°59	4°23	14°11	4°29	5°40	9°50	17°50	S 14
M15	18 11 1	2°51'03	8♈33	19°14	21°46	5° 5	8°30	20° 1	24°59	4°25	14°11	4°R29	5°37	9°57	17°54	M15
T 16	18 14 57	3°48'15	22°32	21° 2	22°22	5°45	8°33	20° 8	25° 0	4°27	14°12	4°28	5°33	10° 3	17°57	T 16
W17	18 18 54	4°45'26	6♉21	22°49	22°58	6°24	8°37	20°16	25° 0	4°29	14°12	4°26	5°30	10°10	18° 0	W17
T 18	18 22 50	5°42'38	19°58	24°34	23°36	7° 4	8°41	20°24	25° 0	4°31	14°12	4°22	5°27	10°17	18° 4	T 18
F 19	18 26 47	6°39'50	3♊22	26°17	24°15	7°43	8°45	20°31	25° 0	4°33	14°13	4°18	5°24	10°23	18° 7	F 19
S 20	18 30 43	7°37'02	16°32	27°57	24°55	8°23	8°49	20°39	25°R 0	4°35	14°13	4°14	5°21	10°30	18°10	S 20
S 21	18 34 40	8°34'14	29°28	29°36	25°36	9° 2	8°54	20°46	25° 0	4°37	14°13	4°10	5°17	10°37	18°13	S 21
M22	18 38 36	9°31'27	12♋ 9	1♏12	26°18	9°41	8°58	20°54	25° 0	4°39	14°14	4° 8	5°14	10°43	18°16	M22
T 23	18 42 33	10°28'39	24°37	2°46	27° 1	10°21	9° 3	21° 2	25° 0	4°41	14°14	4° 6	5°11	10°50	18°19	T 23
W24	18 46 30	11°25'52	6♏51	4°18	27°45	11° 0	9° 8	21° 9	25° 0	4°43	14°14	4°D 6	5° 8	10°57	18°22	W24
T 25	18 50 26	12°23'05	18°54	5°48	28°30	11°39	9°13	21°17	24°59	4°45	14°14	4° 6	5° 5	11° 3	18°25	T 25
F 26	18 54 23	13°20'18	0♍49	7°16	29°15	12°19	9°18	21°24	24°59	4°47	14°15	4° 8	5° 2	11°10	18°28	F 26
S 27	18 58 19	14°17'30	12°39	8°41	0♊ 2	12°58	9°23	21°32	24°59	4°49	14°15	4° 9	4°58	11°17	18°31	S 27
S 28	19 2 16	15°14'43	24°29	10° 5	0°49	13°37	9°29	21°39	24°59	4°51	14°15	4°11	4°55	11°23	18°34	S 28
M29	19 6 12	16°11'56	6♎22	11°26	1°37	14°16	9°35	21°46	24°58	4°53	14°15	4°12	4°52	11°30	18°37	M29
T 30	19 10 9	17♋ 9'09	18♎24	12♏45	2♊25	14♋55	9♎40	21♊54	24♓58	4♏56	14♈15	4°R12	4♏49	11♍37	18♉39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	4n27	4n 8	24n13	1n 4	14n16	2s33	24n12	0n47	1s52	1n24	21n46	1s12	2s45	0s45	19n15	0s 4	10s 7	17s 1	19n 2	18n44	10n59	14n54	2s10
T 2	23 9	0 12	4 41	24 30	1 12	14 12	2 40	24 14	0 47	1 53	1 24	21 47	1 12	2 44	0 45	19 14	0 4	10 7	17 1	19 2	18 44	10 57	14 55	2 10
W 3	23 13	4s 9	5 2	24 43	1 20	14 10	2 47	24 15	0 48	1 54	1 24	21 48	1 12	2 44	0 45	19 14	0 4	10 7	17 1	19 3	18 45	10 55	14 55	2 10
T 4	23 16	8 25	5 9	24 54	1 27	14 9	2 53	24 16	0 48	1 55	1 23	21 49	1 12	2 44	0 45	19 13	0 4	10 7	17 2	19 5	18 46	10 53	14 56	2 10
F 5	23 19	12 25	5 1	25 2	1 33	14 8	2 59	24 17	0 48	1 56	1 23	21 49	1 11	2 43	0 46	19 13	0 4	10 7	17 2	19 6	18 47	10 51	14 57	2 10
S 6	23 22	15 56	4 37	25 7	1 38	14 8	3 5	24 18	0 49	1 57	1 23	21 50	1 11	2 43	0 46	19 13	0 4	10 7	17 2	19 8	18 48	10 49	14 58	2 10
S 7	23 24	18 42	3 57	25 10	1 43	14 9	3 10	24 19	0 49	1 58	1 22	21 51	1 11	2 43	0 46	19 12	0 3	10 8	17 3	19 9	18 48	10 48	14 59	2 11
M 8	23 26	20 27	3 2	25 9	1 47	14 11	3 15	24 19	0 50	1 59	1 22	21 52	1 11	2 43	0 46	19 12	0 3	10 8	17 3	19 10	18 49	10 46	15 0	2 11
T 9	23 28	20 58	1 55	25 6	1 50	14 14	3 20	24 19	0 50	2 0	1 22	21 52	1 11	2 43	0 46	19 11	0 3	10 8	17 3	19 11	18 50	10 44	15 1	2 11
W10	23 29	20 8	0 40	25 1	1 53	14 17	3 24	24 19	0 50	2 1	1 22	21 53	1 11	2 42	0 46	19 11	0 3	10 8	17 4	19 12	18 51	10 42	15 1	2 11
T 11	23 29	18 0	0s38	24 53	1 54	14 21	3 28	24 19	0 51	2 3	1 21	21 54	1 11	2 42	0 46	19 10	0 3	10 8	17 4	19 12	18 51	10 40	15 2	2 11
F 12	23 29	14 44	1 54	24 43	1 56	14 25	3 32	24 18	0 51	2 4	1 21	21 54	1 11	2 42	0 46	19 10	0 3	10 8	17 4	19 11	18 52	10 38	15 3	2 11
S 13	23 29	10 35	3 3	24 30	1 56	14 30	3 35	24 18	0 51	2 6	1 21	21 55	1 11	2 42	0 46	19 10	0 3	10 8	17 5	19 11	18 53	10 37	15 4	2 12
S 14	23 29	5 53	4 0	24 16	1 56	14 36	3 38	24 17	0 52	2 7	1 21	21 56	1 11	2 42	0 46	19 9	0 3	10 8	17 5	19 11	18 54	10 35	15 5	2 12
M15	23 28	0 55	4 42	24 0	1 55	14 42	3 41	24 16	0 52	2 9	1 20	21 56	1 11	2 42	0 46	19 9	0 3	10 9	17 5	19 11	18 55	10 33	15 5	2 12
T 16	23 26	4n 3	5 6	23 42	1 53	14 48	3 43	24 14	0 53	2 10	1 20	21 57	1 11	2 42	0 46	19 8	0 3	10 9	17 6	19 11	18 55	10 31	15 6	2 12
W17	23 24	8 44	5 13	23 22	1 51	14 55	3 45	24 13	0 53	2 12	1 20	21 57	1 11	2 42	0 46	19 8	0 3	10 9	17 6	19 12	18 56	10 29	15 7	2 12
T 18	23 22	12 55	5 1	23 1	1 48	15 3	3 47	24 11	0 53	2 14	1 20	21 58	1 11	2 42	0 46	19 7	0 3	10 9	17 6	19 13	18 57	10 27	15 8	2 13
F 19	23 19	16 23	4 34	22 39	1 44	15 11	3 49	24 9	0 54	2 16	1 19	21 59	1 11	2 42	0 46	19 7	0 3	10 9	17 7	19 14	18 58	10 25	15 8	2 13
S 20	23 16	18 58	3 52	22 15	1 40	15 19	3 50	24 7	0 54	2 18	1 19	21 59	1 11	2 42	0 46	19 6	0 3	10 10	17 7	19 15	18 58	10 23	15 9	2 13
S 21	23 13	20 30	2 59	21 50	1 35	15 27	3 51	24 5	0 54	2 20	1 19	22 0	1 11	2 42	0 46	19 6	0 3	10 10	17 7	19 15	18 59	10 22	15 10	2 13
M22	23 9	20 59	1 58	21 24	1 30	15 36	3 52	24 3	0 55	2 22	1 19	22 0	1 11	2 42	0 46	19 5	0 3	10 10	17 8	19 16	19 0	10 20	15 10	2 13
T 23	23 5	20 24	0 52	20 57	1 24	15 45	3 53	24 0	0 55	2 24	1 18	22 1	1 11	2 42	0 46	19 5	0 3	10 10	17 8	19 16	19 1	10 18	15 11	2 13
W24	23 0	18 51	0n15	20 29	1 18	15 54	3 54	23 57	0 55	2 26	1 18	22 1	1 10	2 42	0 46	19 4	0 3	10 10	17 8	19 16	19 2	10 16	15 12	2 14
T 25	22 55	16 28	1 21	20 0	1 11	16 4	3 54	23 54	0 56	2 28	1 18	22 2	1 10	2 42	0 46	19 4	0 3	10 11	17 9	19 16	19 2	10 14	15 12	2 14
F 26	22 49	13 25	2 22	19 31	1 4	16 13	3 54	23 51	0 56	2 30	1 18	22 2	1 10	2 42	0 46	19 3	0 3	10 11	17 9	19 16	19 3	10 12	15 13	2 14
S 27	22 43	9 52	3 17	19 2	0 56	16 23	3 54	23 48	0 56	2 33	1 17	22 3	1 10	2 42	0 46	19 3	0 3	10 11	17 10	19 16	19 4	10 10	15 13	2 14
S 28	22 37	5 55	4 4	18 31	0 48	16 33	3 54	23 44	0 57	2 35	1 17	22 3	1 10	2 43	0 46	19 2	0 3	10 11	17 10	19 15	19 5	10 8	15 14	2 15
M29	22 30	1 45	4 40	18 1	0 39	16 43	3 54	23 40	0 57	2 37	1 17	22 4	1 10	2 43	0 46	19 2	0 3	10 12	17 10	19 15	19 5	10 6	15 14	2 15
T 30	22n23	2s32	5n 4	17n30	0n30	16n53	3s53	23n36	0n57	2s40	1n17	22n 4	1s10	2s43	0s46	19n 1	0s 3	10s12	17s11	19n15	19n 6	10n 5	15n15	2s15

Julian Day Number = 2301956.5, Delta T = 102.64 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'28, Lahiri = 18°08'29 Julian Calendar 1 June 1590 == Greg. Calendar 11 June 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

JULY 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 14 5	18♋ 6'22	0♏39	14♌ 1	3♊15	15♋35	9♎46	22♊ 1	24°R57	4♌58	14♈15	4°R12	4♌46	11♍43	18♉42	W 1
T 2	19 18 2	19° 3'36	13°12	15°15	4° 5	16°14	9°52	22° 8	24♓57	5° 0	14°15	4♌10	4°42	11°50	18°45	T 2
F 3	19 21 59	20° 0'49	26° 6	16°27	4°56	16°53	9°58	22°16	24°56	5° 2	14°15	4° 9	4°39	11°57	18°47	F 3
S 4	19 25 55	20°58'03	9♐23	17°36	5°47	17°32	10° 5	22°23	24°55	5° 4	14°15	4° 7	4°36	12° 3	18°50	S 4
S 5	19 29 52	21°55'17	23° 5	18°43	6°39	18°11	10°11	22°30	24°55	5° 6	14°R15	4° 6	4°33	12°10	18°52	S 5
M 6	19 33 48	22°52'32	7♑10	19°47	7°32	18°50	10°18	22°37	24°54	5° 9	14°15	4° 4	4°30	12°17	18°55	M 6
T 7	19 37 45	23°49'47	21°34	20°48	8°25	19°29	10°25	22°44	24°53	5°11	14°15	4° 4	4°27	12°23	18°57	T 7
W 8	19 41 41	24°47'03	6♒13	21°46	9°19	20° 8	10°32	22°52	24°53	5°13	14°15	4°D 3	4°23	12°30	18°59	W 8
T 9	19 45 38	25°44'19	21° 1	22°41	10°13	20°46	10°39	22°59	24°52	5°15	14°15	4° 4	4°20	12°37	19° 2	T 9
F 10	19 49 34	26°41'36	5♓48	23°33	11° 8	21°25	10°46	23° 6	24°51	5°17	14°15	4° 4	4°17	12°43	19° 4	F 10
S 11	19 53 31	27°38'54	20°30	24°22	12° 3	22° 4	10°53	23°13	24°50	5°20	14°15	4° 5	4°14	12°50	19° 6	S 11
S 12	19 57 28	28°36'13	5♈ 1	25° 7	12°59	22°43	11° 0	23°19	24°49	5°22	14°15	4° 5	4°11	12°57	19° 8	S 12
M13	20 1 24	29°33'33	19°17	25°49	13°55	23°22	11° 8	23°26	24°48	5°24	14°15	4° 6	4° 8	13° 3	19°10	M13
T 14	20 5 21	0♌30'54	3♉15	26°27	14°52	24° 1	11°16	23°33	24°47	5°26	14°15	4°R 6	4° 4	13°10	19°12	T 14
W15	20 9 17	1°28'17	16°54	27° 1	15°50	24°39	11°23	23°40	24°46	5°28	14°14	4° 6	4° 1	13°17	19°14	W15
T 16	20 13 14	2°25'40	0♊16	27°31	16°47	25°18	11°31	23°47	24°44	5°31	14°14	4° 5	3°58	13°24	19°16	T 16
F 17	20 17 10	3°23'05	13°21	27°57	17°45	25°57	11°39	23°53	24°43	5°33	14°14	4° 5	3°55	13°30	19°18	F 17
S 18	20 21 7	4°20'31	26°10	28°18	18°44	26°36	11°47	24° 0	24°42	5°35	14°14	4°D 5	3°52	13°37	19°20	S 18
S 19	20 25 3	5°17'58	8♋45	28°35	19°43	27°14	11°56	24° 7	24°41	5°37	14°13	4° 5	3°48	13°44	19°22	S 19
M20	20 29 0	6°15'26	21° 8	28°47	20°42	27°53	12° 4	24°13	24°39	5°40	14°13	4° 6	3°45	13°50	19°23	M20
T 21	20 32 57	7°12'55	3♌21	28°54	21°42	28°32	12°12	24°20	24°38	5°42	14°13	4°R 6	3°42	13°57	19°25	T 21
W22	20 36 53	8°10'25	15°24	28°R55	22°42	29°10	12°21	24°26	24°37	5°44	14°12	4° 6	3°39	14° 4	19°26	W22
T 23	20 40 50	9° 7'56	27°21	28°52	23°42	29°49	12°30	24°32	24°35	5°46	14°12	4° 5	3°36	14°10	19°28	T 23
F 24	20 44 46	10° 5'28	9♍12	28°43	24°43	0♌28	12°39	24°39	24°34	5°48	14°12	4° 5	3°33	14°17	19°29	F 24
S 25	20 48 43	11° 3'01	21° 1	28°29	25°44	1° 6	12°47	24°45	24°32	5°51	14°11	4° 4	3°29	14°24	19°31	S 25
S 26	20 52 39	12° 0'35	2♎51	28° 9	26°45	1°45	12°56	24°51	24°31	5°53	14°11	4° 3	3°26	14°30	19°32	S 26
M27	20 56 36	12°58'10	14°44	27°44	27°46	2°23	13° 6	24°57	24°29	5°55	14°10	4° 2	3°23	14°37	19°33	M27
T 28	21 0 32	13°55'46	26°46	27°14	28°48	3° 2	13°15	25° 3	24°27	5°57	14°10	4° 1	3°20	14°44	19°35	T 28
W29	21 4 29	14°53'23	8♏59	26°39	29°51	3°40	13°24	25° 9	24°26	6° 0	14° 9	4° 0	3°17	14°50	19°36	W29
T 30	21 8 26	15°51'01	21°28	26° 0	0♋53	4°19	13°34	25°15	24°24	6° 2	14° 9	4°D 0	3°14	14°57	19°37	T 30
F 31	21 12 22	16♌48'40	4♐18	25♌17	1♋56	4♌57	13♎43	25♊21	24♓22	6♌ 4	14♈ 8	4♌ 1	3♌10	15♍ 4	19♉38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n16	6s48	5n16	16n59	0n21	17n 3	3s52	23n32	0n58	2s43	1n16	22n 5	1s10	2s43	0s46	19n 1	0s 3	10s12	17s11	19n15	19n 7	10n 3	15n16	2s15
T 2	22 8	10 52	5 12	16 28	0 11	17 13	3 52	23 28	0 58	2 45	1 16	22 5	1 10	2 43	0 46	19 0	0 3	10 13	17 11	19 15	19 8	10 1	15 16	2 15
F 3	22 0	14 34	4 54	15 57	0 1	17 23	3 51	23 23	0 58	2 48	1 16	22 6	1 10	2 44	0 47	19 0	0 3	10 13	17 12	19 16	19 8	9 59	15 17	2 16
S 4	21 51	17 39	4 19	15 26	0s10	17 33	3 49	23 18	0 59	2 50	1 16	22 6	1 10	2 44	0 47	18 59	0 3	10 13	17 12	19 16	19 9	9 57	15 17	2 16
S 5	21 42	19 51	3 28	14 55	0 21	17 43	3 48	23 14	0 59	2 53	1 15	22 7	1 10	2 44	0 47	18 59	0 3	10 14	17 12	19 16	19 10	9 55	15 17	2 16
M 6	21 33	20 54	2 24	14 25	0 32	17 53	3 46	23 9	0 59	2 56	1 15	22 7	1 10	2 45	0 47	18 58	0 3	10 14	17 13	19 17	19 11	9 53	15 18	2 16
T 7	21 23	20 38	1 9	13 55	0 43	18 3	3 45	23 3	1 0	2 59	1 15	22 7	1 10	2 45	0 47	18 58	0 3	10 14	17 13	19 17	19 11	9 51	15 18	2 16
W 8	21 13	18 57	0s12	13 25	0 55	18 13	3 43	22 58	1 0	3 2	1 15	22 8	1 10	2 45	0 47	18 57	0 3	10 15	17 13	19 17	19 12	9 49	15 19	2 17
T 9	21 3	15 59	1 33	12 56	1 7	18 23	3 41	22 52	1 0	3 5	1 14	22 8	1 10	2 46	0 47	18 57	0 3	10 15	17 14	19 17	19 13	9 47	15 19	2 17
F 10	20 52	11 59	2 47	12 27	1 19	18 32	3 39	22 47	1 0	3 8	1 14	22 9	1 10	2 46	0 47	18 56	0 3	10 15	17 14	19 17	19 14	9 45	15 20	2 17
S 11	20 41	7 18	3 50	12 0	1 31	18 42	3 37	22 41	1 1	3 11	1 14	22 9	1 10	2 46	0 47	18 56	0 3	10 16	17 15	19 17	19 15	9 43	15 20	2 17
S 12	20 29	2 15	4 38	11 33	1 44	18 51	3 35	22 35	1 1	3 14	1 14	22 9	1 10	2 47	0 47	18 55	0 3	10 16	17 15	19 17	19 15	9 41	15 20	2 18
M13	20 17	2n50	5 7	11 7	1 56	19 0	3 32	22 28	1 1	3 17	1 14	22 10	1 10	2 47	0 47	18 55	0 3	10 16	17 15	19 16	19 16	9 40	15 21	2 18
T 14	20 5	7 39	5 17	10 42	2 9	19 9	3 30	22 22	1 2	3 20	1 13	22 10	1 10	2 48	0 47	18 54	0 3	10 17	17 16	19 16	19 17	9 38	15 21	2 18
W15	19 52	11 58	5 10	10 19	2 22	19 18	3 27	22 15	1 2	3 24	1 13	22 10	1 10	2 48	0 47	18 54	0 3	10 17	17 16	19 16	19 18	9 36	15 21	2 18
T 16	19 40	15 36	4 45	9 57	2 34	19 26	3 25	22 8	1 2	3 27	1 13	22 11	1 10	2 49	0 47	18 53	0 3	10 18	17 16	19 17	19 18	9 34	15 22	2 19
F 17	19 26	18 23	4 6	9 36	2 47	19 34	3 22	22 1	1 2	3 30	1 13	22 11	1 10	2 49	0 47	18 53	0 3	10 18	17 17	19 17	19 19	9 32	15 22	2 19
S 18	19 13	20 11	3 15	9 17	2 59	19 42	3 19	21 54	1 3	3 34	1 13	22 11	1 10	2 50	0 47	18 52	0 3	10 18	17 17	19 17	19 20	9 30	15 22	2 19
S 19	18 59	20 56	2 16	9 0	3 12	19 50	3 16	21 47	1 3	3 37	1 12	22 12	1 10	2 50	0 47	18 51	0 3	10 19	17 17	19 17	19 21	9 28	15 22	2 19
M20	18 45	20 39	1 11	8 44	3 24	19 57	3 13	21 40	1 3	3 40	1 12	22 12	1 10	2 51	0 47	18 51	0 3	10 19	17 18	19 16	19 21	9 26	15 23	2 19
T 21	18 30	19 23	0 4	8 31	3 35	20 4	3 10	21 32	1 3	3 44	1 12	22 12	1 10	2 51	0 47	18 50	0 3	10 20	17 18	19 16	19 22	9 24	15 23	2 20
W22	18 16	17 15	1n 2	8 20	3 46	20 11	3 7	21 24	1 4	3 47	1 12	22 12	1 10	2 52	0 47	18 50	0 3	10 20	17 18	19 16	19 23	9 22	15 23	2 20
T 23	18 1	14 23	2 6	8 11	3 57	20 17	3 4	21 17	1 4	3 51	1 12	22 13	1 10	2 53	0 47	18 49	0 3	10 21	17 19	19 17	19 23	9 20	15 23	2 20
F 24	17 45	10 57	3 3	8 5	4 7	20 23	3 0	21 9	1 4	3 55	1 11	22 13	1 10	2 53	0 47	18 49	0 3	10 21	17 19	19 17	19 24	9 18	15 23	2 20
S 25	17 30	7 7	3 52	8 1	4 16	20 29	2 57	21 0	1 5	3 58	1 11	22 13	1 10	2 54	0 47	18 48	0 3	10 22	17 19	19 17	19 25	9 16	15 23	2 21
S 26	17 14	3 1	4 31	8 0	4 24	20 34	2 53	20 52	1 5	4 2	1 11	22 13	1 10	2 54	0 47	18 48	0 3	10 22	17 20	19 17	19 26	9 14	15 24	2 21
M27	16 57	1s13	4 59	8 2	4 31	20 39	2 50	20 44	1 5	4 6	1 11	22 14	1 10	2 55	0 47	18 47	0 3	10 22	17 20	19 17	19 26	9 12	15 24	2 21
T 28	16 41	5 27	5 14	8 7	4 37	20 43	2 46	20 35	1 5	4 9	1 11	22 14	1 10	2 56	0 47	18 47	0 3	10 23	17 20	19 18	19 27	9 10	15 24	2 21
W29	16 24	9 32	5 16	8 14	4 42	20 47	2 42	20 26	1 5	4 13	1 10	22 14	1 10	2 56	0 47	18 46	0 3	10 23	17 21	19 18	19 28	9 8	15 24	2 22
T 30	16 7	13 18	5 2	8 25	4 45	20 51	2 39	20 17	1 6	4 17	1 10	22 14	1 10	2 57	0 47	18 46	0 3	10 24	17 21	19 18	19 29	9 6	15 24	2 22
F 31	15n50	16s34	4n34	8n38	4s46	20n54	2s35	20n 8	1n 6	4s21	1n10	22n15	1s10	2s58	0s47	18n45	0s 3	10s24	17s21	19n18	19n29	9n 4	15n24	2s22

Julian Day Number = 2301986.5, Delta T = 102.51 sec
Ecliptic obliquity = 23°29'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'32, Lahiri = 18°08'33 Julian Calendar 1 July 1590 == Greg. Calendar 11 July 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

AUGUST 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 16 19	17♌46'20	17♐31	24°R30	2♋59	5♌35	13♎53	25♊27	24°R21	6♌ 6	14°R 8	4♌ 2	3♌ 7	15♍10	19♉39	S 1
S 2	21 20 15	18°44'01	1♑11	23♌41	4° 2	6°14	14° 3	25°33	24♓19	6° 8	14♈ 7	4° 3	3° 4	15°17	19°40	S 2
M 3	21 24 12	19°41'43	15°17	22°49	5° 6	6°52	14°12	25°38	24°17	6°10	14° 7	4° 4	3° 1	15°24	19°41	M 3
T 4	21 28 8	20°39'26	29°48	21°57	6°10	7°31	14°22	25°44	24°15	6°13	14° 6	4°R 4	2°58	15°30	19°41	T 4
W 5	21 32 5	21°37'11	14♒39	21° 5	7°14	8° 9	14°32	25°50	24°13	6°15	14° 5	4° 4	2°54	15°37	19°42	W 5
T 6	21 36 1	22°34'57	29°44	20°15	8°18	8°47	14°42	25°55	24°11	6°17	14° 5	4° 3	2°51	15°44	19°43	T 6
F 7	21 39 58	23°32'45	14♓53	19°26	9°22	9°26	14°53	26° 0	24° 9	6°19	14° 4	4° 1	2°48	15°50	19°43	F 7
S 8	21 43 55	24°30'34	29°57	18°41	10°27	10° 4	15° 3	26° 6	24° 7	6°21	14° 3	3°59	2°45	15°57	19°44	S 8
S 9	21 47 51	25°28'25	14♈47	18° 0	11°32	10°42	15°13	26°11	24° 5	6°23	14° 3	3°56	2°42	16° 4	19°44	S 9
M10	21 51 48	26°26'17	29°17	17°24	12°38	11°20	15°24	26°16	24° 3	6°26	14° 2	3°54	2°39	16°10	19°45	M10
T 11	21 55 44	27°24'11	13♉23	16°54	13°43	11°59	15°34	26°21	24° 1	6°28	14° 1	3°52	2°35	16°17	19°45	T 11
W12	21 59 41	28°22'08	27° 3	16°31	14°49	12°37	15°45	26°26	23°59	6°30	14° 0	3°D51	2°32	16°24	19°45	W12
T 13	22 3 37	29°20'06	10♊20	16°16	15°55	13°15	15°55	26°31	23°57	6°32	14° 0	3°52	2°29	16°31	19°46	T 13
F 14	22 7 34	0♍18'06	23°14	16°D 8	17° 1	13°53	16° 6	26°36	23°55	6°34	13°59	3°53	2°26	16°37	19°46	F 14
S 15	22 11 30	1°16'08	5♋50	16° 8	18° 7	14°31	16°17	26°41	23°53	6°36	13°58	3°55	2°23	16°44	19°46	S 15
S 16	22 15 27	2°14'12	18°11	16°17	19°14	15°10	16°28	26°46	23°51	6°38	13°57	3°56	2°20	16°51	19°R46	S 16
M17	22 19 24	3°12'18	0♌20	16°34	20°20	15°48	16°39	26°50	23°48	6°40	13°57	3°R57	2°16	16°57	19°46	M17
T 18	22 23 20	4°10'25	12°21	16°59	21°27	16°26	16°50	26°55	23°46	6°42	13°56	3°57	2°13	17° 4	19°46	T 18
W19	22 27 17	5° 8'35	24°15	17°33	22°34	17° 4	17° 1	26°59	23°44	6°44	13°55	3°55	2°10	17°11	19°46	W19
T 20	22 31 13	6° 6'46	6♍ 6	18°15	23°41	17°42	17°12	27° 4	23°42	6°46	13°54	3°52	2° 7	17°17	19°45	T 20
F 21	22 35 10	7° 4'59	17°56	19° 5	24°49	18°20	17°24	27° 8	23°39	6°48	13°53	3°47	2° 4	17°24	19°45	F 21
S 22	22 39 6	8° 3'13	29°45	20° 2	25°56	18°58	17°35	27°12	23°37	6°50	13°52	3°41	2° 0	17°31	19°45	S 22
S 23	22 43 3	9° 1'29	11♎37	21° 6	27° 4	19°36	17°47	27°16	23°35	6°52	13°51	3°34	1°57	17°37	19°44	S 23
M24	22 46 59	9°59'47	23°34	22°18	28°12	20°14	17°58	27°20	23°32	6°54	13°50	3°28	1°54	17°44	19°44	M24
T 25	22 50 56	10°58'07	5♏38	23°35	29°20	20°52	18°10	27°24	23°30	6°56	13°49	3°23	1°51	17°51	19°43	T 25
W26	22 54 53	11°56'28	17°51	24°58	0♌28	21°30	18°21	27°28	23°28	6°58	13°48	3°18	1°48	17°57	19°42	W26
T 27	22 58 49	12°54'51	0♐19	26°26	1°37	22° 8	18°33	27°32	23°25	7° 0	13°48	3°16	1°45	18° 4	19°42	T 27
F 28	23 2 46	13°53'15	13° 4	27°58	2°45	22°46	18°45	27°36	23°23	7° 2	13°47	3°D15	1°41	18°11	19°41	F 28
S 29	23 6 42	14°51'41	26°10	29°35	3°54	23°24	18°56	27°39	23°21	7° 3	13°46	3°15	1°38	18°17	19°40	S 29
S 30	23 10 39	15°50'09	9♑41	1♍15	5° 3	24° 2	19° 8	27°43	23°18	7° 5	13°45	3°17	1°35	18°24	19°39	S 30
M31	23 14 35	16♍48'38	23♑38	2♍57	6♌12	24♌40	19♎20	27♊46	23♓16	7♌ 7	13♈44	3♌18	1♌32	18♍31	19♉38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n32	19s 5	3n50	8n53	4s46	20n56	2s31	19n59	1n 6	4s25	1n10	22n15	1s10	2s59	0s47	18n44	0s 3	10s25	17s22	19n17	19n30	9n 2	15n24	2s22
S 2	15 15	20 37	2 52	9 12	4 43	20 58	2 27	19 50	1 6	4 29	1 10	22 15	1 10	2 59	0 47	18 44	0 3	10 25	17 22	19 17	19 31	9 0	15 24	2 23
M 3	14 57	20 55	1 42	9 32	4 39	21 0	2 23	19 40	1 7	4 33	1 9	22 15	1 10	3 0	0 47	18 43	0 3	10 26	17 22	19 17	19 32	8 58	15 24	2 23
T 4	14 38	19 51	0 24	9 54	4 33	21 1	2 20	19 31	1 7	4 37	1 9	22 15	1 10	3 1	0 47	18 43	0 3	10 26	17 22	19 17	19 32	8 56	15 24	2 23
W 5	14 20	17 24	0s58	10 18	4 25	21 2	2 16	19 21	1 7	4 41	1 9	22 15	1 10	3 2	0 47	18 42	0 3	10 27	17 23	19 17	19 33	8 54	15 24	2 23
T 6	14 1	13 44	2 17	10 43	4 16	21 3	2 12	19 11	1 7	4 45	1 9	22 16	1 10	3 2	0 47	18 42	0 3	10 27	17 23	19 17	19 34	8 52	15 24	2 24
F 7	13 42	9 8	3 27	11 9	4 4	21 2	2 8	19 1	1 8	4 49	1 9	22 16	1 10	3 3	0 48	18 41	0 3	10 28	17 23	19 18	19 35	8 50	15 24	2 24
S 8	13 23	4 1	4 21	11 36	3 51	21 2	2 3	18 51	1 8	4 53	1 9	22 16	1 10	3 4	0 48	18 41	0 3	10 28	17 24	19 18	19 35	8 48	15 24	2 24
S 9	13 3	1n16	4 58	12 2	3 37	21 0	1 59	18 41	1 8	4 57	1 8	22 16	1 10	3 5	0 48	18 40	0 3	10 29	17 24	19 19	19 36	8 46	15 23	2 24
M10	12 44	6 21	5 14	12 28	3 21	20 59	1 55	18 30	1 8	5 1	1 8	22 16	1 10	3 6	0 48	18 40	0 3	10 29	17 24	19 19	19 37	8 44	15 23	2 25
T 11	12 24	10 57	5 11	12 52	3 4	20 56	1 51	18 20	1 8	5 6	1 8	22 16	1 10	3 6	0 48	18 39	0 3	10 30	17 24	19 20	19 37	8 42	15 23	2 25
W12	12 4	14 51	4 50	13 16	2 47	20 54	1 47	18 9	1 9	5 10	1 8	22 16	1 10	3 7	0 48	18 39	0 3	10 30	17 25	19 20	19 38	8 40	15 23	2 25
T 13	11 44	17 52	4 14	13 38	2 29	20 50	1 43	17 59	1 9	5 14	1 8	22 16	1 10	3 8	0 48	18 38	0 3	10 31	17 25	19 20	19 39	8 38	15 23	2 25
F 14	11 23	19 54	3 25	13 58	2 10	20 46	1 39	17 48	1 9	5 18	1 8	22 16	1 10	3 9	0 48	18 38	0 3	10 32	17 25	19 19	19 40	8 36	15 23	2 26
S 15	11 3	20 53	2 28	14 15	1 52	20 42	1 35	17 37	1 9	5 23	1 8	22 17	1 10	3 10	0 48	18 37	0 3	10 32	17 25	19 19	19 40	8 34	15 22	2 26
S 16	10 42	20 50	1 26	14 31	1 33	20 37	1 30	17 26	1 9	5 27	1 7	22 17	1 10	3 11	0 48	18 37	0 3	10 33	17 26	19 19	19 41	8 32	15 22	2 26
M17	10 21	19 48	0 20	14 43	1 15	20 32	1 26	17 15	1 10	5 31	1 7	22 17	1 10	3 12	0 48	18 36	0 3	10 33	17 26	19 18	19 42	8 30	15 22	2 26
T 18	10 0	17 52	0n46	14 52	0 57	20 26	1 22	17 3	1 10	5 36	1 7	22 17	1 11	3 13	0 48	18 36	0 3	10 34	17 26	19 19	19 42	8 28	15 22	2 27
W19	9 39	15 11	1 49	14 59	0 40	20 19	1 18	16 52	1 10	5 40	1 7	22 17	1 11	3 13	0 48	18 35	0 3	10 34	17 26	19 19	19 43	8 26	15 21	2 27
T 20	9 17	11 52	2 47	15 2	0 23	20 12	1 14	16 40	1 10	5 45	1 7	22 17	1 11	3 14	0 48	18 35	0 3	10 35	17 27	19 20	19 44	8 24	15 21	2 27
F 21	8 56	8 7	3 37	15 1	0 7	20 4	1 9	16 29	1 10	5 49	1 7	22 17	1 11	3 15	0 48	18 34	0 3	10 35	17 27	19 21	19 45	8 22	15 21	2 27
S 22	8 34	4 3	4 18	14 58	0n 8	19 56	1 5	16 17	1 11	5 54	1 7	22 17	1 11	3 16	0 48	18 34	0 3	10 36	17 27	19 22	19 45	8 20	15 20	2 28
S 23	8 12	0s11	4 48	14 51	0 22	19 47	1 1	16 5	1 11	5 58	1 6	22 17	1 11	3 17	0 48	18 33	0 3	10 36	17 27	19 24	19 46	8 18	15 20	2 28
M24	7 50	4 26	5 6	14 40	0 35	19 38	0 57	15 53	1 11	6 3	1 6	22 17	1 11	3 18	0 48	18 33	0 3	10 37	17 28	19 25	19 47	8 15	15 20	2 28
T 25	7 28	8 33	5 10	14 26	0 47	19 28	0 53	15 41	1 11	6 7	1 6	22 17	1 11	3 19	0 48	18 32	0 3	10 37	17 28	19 27	19 47	8 13	15 19	2 28
W26	7 6	12 23	5 1	14 9	0 58	19 18	0 49	15 29	1 11	6 12	1 6	22 17	1 11	3 20	0 48	18 32	0 3	10 38	17 28	19 28	19 48	8 11	15 19	2 29
T 27	6 44	15 45	4 37	13 48	1 8	19 7	0 45	15 17	1 11	6 16	1 6	22 17	1 11	3 21	0 48	18 31	0 3	10 38	17 28	19 28	19 49	8 9	15 18	2 29
F 28	6 21	18 28	3 59	13 25	1 17	18 56	0 41	15 5	1 12	6 21	1 6	22 17	1 11	3 22	0 48	18 31	0 3	10 39	17 28	19 28	19 50	8 7	15 18	2 29
S 29	5 59	20 19	3 8	12 58	1 25	18 44	0 37	14 53	1 12	6 25	1 6	22 17	1 11	3 23	0 48	18 30	0 3	10 40	17 29	19 28	19 50	8 5	15 17	2 29
S 30	5 36	21 4	2 5	12 29	1 31	18 31	0 32	14 40	1 12	6 30	1 6	22 17	1 11	3 24	0 48	18 30	0 3	10 40	17 29	19 28	19 51	8 3	15 17	2 30
M31	5n13	20s34	0n52	11n57	1n37	18n18	0s29	14n28	1n12	6s35	1n 5	22n17	1s11	3s25	0s48	18n30	0s 3	10s41	17s29	19n28	19n52	8n 1	15n16	2s30

Julian Day Number = 2302017.5, Delta T = 102.38 sec
Ecliptic obliquity = 23°29'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'37, Lahiri = 18°08'37 Julian Calendar 1 Aug. 1590 == Greg. Calendar 11 Aug. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

SEPTEMBER 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 18 32	17♍47'09	8♒ 2	4♍42	7♌21	25♌18	19♎32	27♊49	23°R13	7♌ 9	13°R43	3°R18	1♌29	18♍38	19°R37	T 1
W 2	23 22 28	18°45'42	22°51	6°29	8°30	25°56	19°44	27°53	23♓11	7°11	13♈42	3♌17	1°25	18°44	19♉36	W 2
T 3	23 26 25	19°44'16	7♓58	8°18	9°40	26°34	19°56	27°56	23° 9	7°12	13°41	3°13	1°22	18°51	19°35	T 3
F 4	23 30 22	20°42'53	23°15	10° 7	10°49	27°12	20° 8	27°59	23° 6	7°14	13°39	3° 8	1°19	18°58	19°34	F 4
S 5	23 34 18	21°41'31	8♈31	11°58	11°59	27°50	20°21	28° 2	23° 4	7°16	13°38	3° 1	1°16	19° 4	19°33	S 5
S 6	23 38 15	22°40'11	23°36	13°49	13° 9	28°27	20°33	28° 4	23° 1	7°18	13°37	2°53	1°13	19°11	19°31	S 6
M 7	23 42 11	23°38'53	8♉20	15°40	14°19	29° 5	20°45	28° 7	22°59	7°19	13°36	2°46	1°10	19°18	19°30	M 7
T 8	23 46 8	24°37'38	22°38	17°31	15°29	29°43	20°57	28°10	22°57	7°21	13°35	2°40	1° 6	19°24	19°29	T 8
W 9	23 50 4	25°36'25	6♊26	19°22	16°39	0♍21	21°10	28°12	22°54	7°22	13°34	2°36	1° 3	19°31	19°27	W 9
T 10	23 54 1	26°35'15	19°45	21°12	17°49	0°59	21°22	28°15	22°52	7°24	13°33	2°35	1° 0	19°38	19°26	T 10
F 11	23 57 57	27°34'06	2♋38	23° 2	19° 0	1°37	21°35	28°17	22°49	7°26	13°32	2°D35	0°57	19°44	19°24	F 11
S 12	0 1 54	28°33'00	15°10	24°52	20°11	2°14	21°47	28°19	22°47	7°27	13°31	2°35	0°54	19°51	19°22	S 12
S 13	0 5 50	29°31'57	27°24	26°41	21°21	2°52	22° 0	28°21	22°45	7°29	13°30	2°R36	0°51	19°58	19°21	S 13
M14	0 9 47	0♎30'55	9♌26	28°29	22°32	3°30	22°12	28°23	22°42	7°30	13°29	2°36	0°47	20° 4	19°19	M14
T 15	0 13 44	1°29'56	21°19	0♎17	23°43	4° 8	22°25	28°25	22°40	7°32	13°27	2°34	0°44	20°11	19°17	T 15
W16	0 17 40	2°28'59	3♍ 9	2° 4	24°54	4°45	22°37	28°27	22°37	7°33	13°26	2°30	0°41	20°18	19°15	W16
T 17	0 21 37	3°28'04	14°58	3°50	26° 5	5°23	22°50	28°28	22°35	7°35	13°25	2°23	0°38	20°25	19°13	T 17
F 18	0 25 33	4°27'11	26°48	5°35	27°17	6° 1	23° 3	28°30	22°33	7°36	13°24	2°13	0°35	20°31	19°11	F 18
S 19	0 29 30	5°26'20	8♎41	7°19	28°28	6°38	23°15	28°31	22°30	7°37	13°23	2° 2	0°31	20°38	19° 9	S 19
S 20	0 33 26	6°25'32	20°39	9° 3	29°40	7°16	23°28	28°33	22°28	7°39	13°22	1°49	0°28	20°45	19° 7	S 20
M21	0 37 23	7°24'45	2♏44	10°46	0♍51	7°54	23°41	28°34	22°26	7°40	13°21	1°37	0°25	20°51	19° 5	M21
T 22	0 41 19	8°24'01	14°55	12°28	2° 3	8°31	23°54	28°35	22°23	7°41	13°19	1°26	0°22	20°58	19° 3	T 22
W23	0 45 16	9°23'18	27°16	14° 9	3°15	9° 9	24° 7	28°36	22°21	7°43	13°18	1°17	0°19	21° 5	19° 1	W23
T 24	0 49 13	10°22'37	9♐48	15°49	4°27	9°47	24°20	28°37	22°19	7°44	13°17	1°10	0°16	21°11	18°58	T 24
F 25	0 53 9	11°21'58	22°33	17°29	5°39	10°24	24°32	28°38	22°17	7°45	13°16	1° 6	0°12	21°18	18°56	F 25
S 26	0 57 6	12°21'21	5♑36	19° 8	6°51	11° 2	24°45	28°38	22°14	7°46	13°15	1° 5	0° 9	21°25	18°54	S 26
S 27	1 1 2	13°20'46	18°59	20°46	8° 3	11°39	24°58	28°39	22°12	7°47	13°14	1°D 5	0° 6	21°31	18°51	S 27
M28	1 4 59	14°20'12	2♒44	22°24	9°15	12°17	25°11	28°39	22°10	7°49	13°13	1°R 5	0° 3	21°38	18°49	M28
T 29	1 8 55	15°19'40	16°54	24° 0	10°27	12°55	25°24	28°39	22° 8	7°50	13°11	1° 4	29♋59	21°45	18°46	T 29
W30	1 12 52	16♎19'10	1♓28	25♎37	11♍40	13♍32	25♎37	28♊40	22♓ 6	7♌51	13♈10	1♌ 1	29♋57	21♍52	18♉44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n50	18s43	0s26	11n23	1n41	18n 5	0s25	14n15	1n12	6s39	1n 5	22n17	1s11	3s26	0s48	18n29	0s 3	10s41	17s29	19n28	19n52	7n59	15n16	2s30
W 2	4 27	15 34	1 44	10 46	1 45	17 51	0 21	14 2	1 12	6 44	1 5	22 17	1 11	3 27	0 48	18 29	0 3	10 42	17 29	19 28	19 53	7 57	15 15	2 30
T 3	4 4	11 19	2 56	10 8	1 48	17 36	0 17	13 49	1 13	6 48	1 5	22 17	1 11	3 27	0 48	18 28	0 3	10 42	17 29	19 29	19 54	7 55	15 15	2 31
F 4	3 41	6 18	3 56	9 28	1 49	17 21	0 13	13 37	1 13	6 53	1 5	22 17	1 11	3 28	0 48	18 28	0 3	10 43	17 29	19 30	19 55	7 53	15 14	2 31
S 5	3 18	0 54	4 40	8 47	1 50	17 5	0 9	13 24	1 13	6 58	1 5	22 17	1 11	3 29	0 48	18 27	0 3	10 43	17 30	19 32	19 55	7 51	15 14	2 31
S 6	2 55	4n29	5 3	8 5	1 50	16 49	0 5	13 11	1 13	7 3	1 5	22 17	1 11	3 30	0 48	18 27	0 2	10 44	17 30	19 33	19 56	7 48	15 13	2 31
M 7	2 32	9 29	5 6	7 21	1 50	16 33	0 2	12 58	1 13	7 7	1 5	22 17	1 11	3 31	0 48	18 26	0 2	10 44	17 30	19 35	19 57	7 46	15 13	2 32
T 8	2 8	13 49	4 49	6 37	1 49	16 16	0n 2	12 44	1 13	7 12	1 5	22 17	1 11	3 32	0 48	18 26	0 2	10 45	17 30	19 36	19 57	7 44	15 12	2 32
W 9	1 45	17 14	4 16	5 51	1 47	15 58	0 6	12 31	1 13	7 17	1 4	22 17	1 11	3 33	0 48	18 26	0 2	10 45	17 30	19 37	19 58	7 42	15 11	2 32
T 10	1 22	19 37	3 29	5 6	1 45	15 40	0 9	12 18	1 14	7 21	1 4	22 17	1 11	3 34	0 48	18 25	0 2	10 46	17 30	19 38	19 59	7 40	15 11	2 32
F 11	0 58	20 54	2 34	4 19	1 42	15 22	0 13	12 4	1 14	7 26	1 4	22 17	1 11	3 35	0 48	18 25	0 2	10 46	17 30	19 38	19 59	7 38	15 10	2 33
S 12	0 35	21 6	1 32	3 33	1 38	15 3	0 16	11 51	1 14	7 31	1 4	22 17	1 12	3 36	0 48	18 25	0 2	10 47	17 30	19 37	20 0	7 36	15 9	2 33
S 13	0 11	20 16	0 28	2 46	1 34	14 44	0 20	11 37	1 14	7 36	1 4	22 17	1 12	3 37	0 48	18 24	0 2	10 47	17 31	19 37	20 1	7 34	15 9	2 33
M14	0s12	18 31	0n37	1 59	1 30	14 24	0 23	11 24	1 14	7 40	1 4	22 17	1 12	3 38	0 48	18 24	0 2	10 48	17 31	19 37	20 1	7 32	15 8	2 33
T 15	0 36	15 59	1 39	1 12	1 26	14 4	0 27	11 10	1 14	7 45	1 4	22 17	1 12	3 39	0 48	18 23	0 2	10 48	17 31	19 38	20 2	7 30	15 7	2 34
W16	0 59	12 47	2 36	0 25	1 21	13 43	0 30	10 56	1 14	7 50	1 4	22 17	1 12	3 40	0 48	18 23	0 2	10 49	17 31	19 39	20 3	7 27	15 7	2 34
T 17	1 23	9 6	3 26	0s22	1 16	13 22	0 33	10 43	1 15	7 55	1 4	22 17	1 12	3 41	0 48	18 23	0 2	10 49	17 31	19 40	20 4	7 25	15 6	2 34
F 18	1 46	5 3	4 7	1 9	1 10	13 1	0 36	10 29	1 15	7 59	1 4	22 17	1 12	3 42	0 48	18 22	0 2	10 50	17 31	19 42	20 4	7 23	15 5	2 34
S 19	2 10	0 48	4 38	1 55	1 5	12 39	0 39	10 15	1 15	8 4	1 4	22 17	1 12	3 43	0 48	18 22	0 2	10 50	17 31	19 45	20 5	7 21	15 4	2 34
S 20	2 33	3s30	4 57	2 42	0 59	12 17	0 42	10 1	1 15	8 9	1 4	22 17	1 12	3 43	0 48	18 22	0 2	10 51	17 31	19 48	20 6	7 19	15 4	2 35
M21	2 57	7 43	5 2	3 28	0 53	11 54	0 45	9 47	1 15	8 14	1 3	22 17	1 12	3 44	0 48	18 21	0 2	10 51	17 31	19 51	20 6	7 17	15 3	2 35
T 22	3 20	11 39	4 54	4 13	0 47	11 31	0 48	9 33	1 15	8 19	1 3	22 17	1 12	3 45	0 48	18 21	0 2	10 52	17 31	19 53	20 7	7 15	15 2	2 35
W23	3 44	15 10	4 32	4 58	0 40	11 8	0 51	9 19	1 15	8 23	1 3	22 17	1 12	3 46	0 48	18 21	0 2	10 52	17 31	19 55	20 8	7 13	15 1	2 35
T 24	4 7	18 4	3 57	5 43	0 34	10 44	0 54	9 5	1 15	8 28	1 3	22 17	1 12	3 47	0 48	18 20	0 2	10 53	17 31	19 57	20 8	7 10	15 0	2 36
F 25	4 30	20 8	3 9	6 28	0 27	10 20	0 57	8 51	1 15	8 33	1 3	22 17	1 12	3 48	0 48	18 20	0 2	10 53	17 31	19 57	20 9	7 8	14 59	2 36
S 26	4 54	21 12	2 11	7 11	0 21	9 56	0 59	8 37	1 16	8 38	1 3	22 17	1 12	3 49	0 48	18 20	0 2	10 54	17 31	19 58	20 10	7 6	14 59	2 36
S 27	5 17	21 5	1 4	7 55	0 14	9 32	1 2	8 22	1 16	8 43	1 3	22 17	1 12	3 50	0 48	18 19	0 2	10 54	17 31	19 58	20 10	7 4	14 58	2 36
M28	5 40	19 44	0s 9	8 38	0 7	9 7	1 4	8 8	1 16	8 47	1 3	22 17	1 12	3 51	0 48	18 19	0 2	10 54	17 31	19 58	20 11	7 2	14 57	2 36
T 29	6 3	17 7	1 23	9 20	0 0	8 42	1 7	7 54	1 16	8 52	1 3	22 17	1 12	3 51	0 48	18 19	0 2	10 55	17 31	19 58	20 12	7 0	14 56	2 37
W30	6s26	13s22	2s34	10s 1	0s 7	8n16	1n 9	7n39	1n16	8s57	1n 3	22n17	1s12	3s52	0s48	18n19	0s 2	10s55	17s31	19n59	20n12	6n57	14n55	2s37

Julian Day Number = 2302048.5, Delta T = 102.25 sec
Ecliptic obliquity = 23°29'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'41, Lahiri = 18°08'41 Julian Calendar 1 Sept. 1590 == Greg. Calendar 11 Sept. 1590

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1590
geocentric

OCTOBER 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 16 48	17♎18'42	16♓22	27♎12	12♍52	14♍10	25♎50	28°R40	22°R 4	7♌52	13°R 9	0°R56	29♋53	21♍58	18°R41	T 1
F 2	1 20 45	18°18'15	1♈29	28°47	14° 5	14°47	26° 3	28♊40	22♓ 1	7°53	13♈ 8	0♌47	29°50	22° 5	18♉38	F 2
S 3	1 24 42	19°17'51	16°41	0♏21	15°17	15°25	26°16	28°40	21°59	7°54	13° 7	0°37	29°47	22°12	18°36	S 3
S 4	1 28 38	20°17'28	1♉47	1°54	16°30	16° 2	26°29	28°39	21°57	7°55	13° 6	0°26	29°44	22°18	18°33	S 4
M 5	1 32 35	21°17'08	16°36	3°27	17°43	16°40	26°42	28°39	21°55	7°56	13° 4	0°15	29°41	22°25	18°30	M 5
T 6	1 36 31	22°16'49	1♊ 0	5° 0	18°56	17°17	26°56	28°39	21°53	7°56	13° 3	0° 5	29°37	22°32	18°27	T 6
W 7	1 40 28	23°16'33	14°56	6°31	20° 9	17°55	27° 9	28°38	21°51	7°57	13° 2	29♋58	29°34	22°38	18°25	W 7
T 8	1 44 24	24°16'20	28°21	8° 2	21°22	18°32	27°22	28°37	21°49	7°58	13° 1	29°54	29°31	22°45	18°22	T 8
F 9	1 48 21	25°16'08	11♋19	9°33	22°35	19° 9	27°35	28°36	21°48	7°59	13° 0	29°52	29°28	22°52	18°19	F 9
S 10	1 52 17	26°15'59	23°52	11° 3	23°48	19°47	27°48	28°36	21°46	8° 0	12°59	29°52	29°25	22°58	18°16	S 10
S 11	1 56 14	27°15'52	6♌ 7	12°32	25° 2	20°24	28° 1	28°35	21°44	8° 0	12°58	29°51	29°22	23° 5	18°13	S 11
M12	2 0 11	28°15'47	18° 7	14° 1	26°15	21° 2	28°14	28°33	21°42	8° 1	12°57	29°51	29°18	23°12	18°10	M12
T 13	2 4 7	29°15'44	29°59	15°30	27°29	21°39	28°27	28°32	21°40	8° 2	12°55	29°48	29°15	23°19	18° 7	T 13
W14	2 8 4	0♏15'44	11♍48	16°57	28°42	22°16	28°40	28°31	21°39	8° 2	12°54	29°43	29°12	23°25	18° 4	W14
T 15	2 12 0	1°15'45	23°37	18°24	29°56	22°54	28°54	28°29	21°37	8° 3	12°53	29°34	29° 9	23°32	18° 1	T 15
F 16	2 15 57	2°15'49	5♎30	19°51	1♎ 9	23°31	29° 7	28°28	21°35	8° 3	12°52	29°23	29° 6	23°39	17°58	F 16
S 17	2 19 53	3°15'55	17°29	21°17	2°23	24° 8	29°20	28°26	21°34	8° 4	12°51	29°10	29° 2	23°45	17°55	S 17
S 18	2 23 50	4°16'02	29°36	22°42	3°37	24°46	29°33	28°24	21°32	8° 4	12°50	28°56	28°59	23°52	17°52	S 18
M19	2 27 46	5°16'12	11♏53	24° 6	4°51	25°23	29°46	28°22	21°30	8° 5	12°49	28°41	28°56	23°59	17°48	M19
T 20	2 31 43	6°16'23	24°18	25°30	6° 4	26° 0	29°59	28°20	21°29	8° 5	12°48	28°28	28°53	24° 5	17°45	T 20
W21	2 35 39	7°16'36	6♐53	26°53	7°18	26°37	0♏12	28°18	21°27	8° 6	12°47	28°17	28°50	24°12	17°42	W21
T 22	2 39 36	8°16'51	19°39	28°15	8°32	27°15	0°25	28°16	21°26	8° 6	12°46	28° 9	28°47	24°19	17°39	T 22
F 23	2 43 33	9°17'07	2♑35	29°35	9°46	27°52	0°38	28°14	21°25	8° 6	12°45	28° 4	28°43	24°26	17°36	F 23
S 24	2 47 29	10°17'25	15°45	0♐55	11° 0	28°29	0°51	28°11	21°23	8° 7	12°44	28° 2	28°40	24°32	17°32	S 24
S 25	2 51 26	11°17'45	29° 8	2°14	12°15	29° 6	1° 5	28° 9	21°22	8° 7	12°43	28°D 1	28°37	24°39	17°29	S 25
M26	2 55 22	12°18'06	12♒49	3°31	13°29	29°43	1°18	28° 6	21°21	8° 7	12°42	28°R 2	28°34	24°46	17°26	M26
T 27	2 59 19	13°18'28	26°47	4°47	14°43	0♎21	1°31	28° 4	21°19	8° 7	12°41	28° 1	28°31	24°52	17°23	T 27
W28	3 3 15	14°18'51	11♓ 3	6° 1	15°57	0°58	1°44	28° 1	21°18	8° 7	12°40	27°58	28°28	24°59	17°19	W28
T 29	3 7 12	15°19'16	25°36	7°13	17°11	1°35	1°57	27°58	21°17	8° 8	12°39	27°53	28°24	25° 6	17°16	T 29
F 30	3 11 8	16°19'43	10♈21	8°24	18°26	2°12	2° 9	27°55	21°16	8° 8	12°38	27°46	28°21	25°12	17°13	F 30
S 31	3 15 5	17♏20'10	25♈12	9♐31	19♎40	2♎49	2♏22	27♊52	21♓15	8♌ 8	12♈37	27♋36	28♋18	25♍19	17♉10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s49	8s42	3s35	10s43	0s14	7n50	1n11	7n25	1n16	9s 2	1n 3	22n17	1s12	3s53	0s47	18n18	0s 2	10s56	17s31	20n 0	20n13	6n55	14n54	2s37
F 2	7 12	3 25	4 23	11 23	0 20	7 24	1 14	7 10	1 16	9 7	1 3	22 17	1 12	3 54	0 47	18 18	0 2	10 56	17 31	20 2	20 14	6 53	14 53	2 37
S 3	7 34	2n 5	4 52	12 3	0 27	6 58	1 16	6 56	1 16	9 11	1 3	22 17	1 12	3 55	0 47	18 18	0 2	10 56	17 31	20 4	20 14	6 51	14 52	2 37
S 4	7 57	7 25	5 1	12 42	0 34	6 32	1 18	6 41	1 16	9 16	1 3	22 17	1 12	3 55	0 47	18 18	0 2	10 57	17 31	20 6	20 15	6 49	14 51	2 38
M 5	8 19	12 13	4 49	13 20	0 41	6 5	1 20	6 27	1 16	9 21	1 3	22 17	1 12	3 56	0 47	18 17	0 2	10 57	17 31	20 9	20 16	6 47	14 51	2 38
T 6	8 42	16 11	4 19	13 58	0 48	5 38	1 22	6 12	1 16	9 26	1 3	22 17	1 13	3 57	0 47	18 17	0 2	10 58	17 31	20 11	20 16	6 45	14 50	2 38
W 7	9 4	19 6	3 34	14 35	0 54	5 11	1 23	5 58	1 16	9 30	1 3	22 16	1 13	3 58	0 47	18 17	0 2	10 58	17 31	20 12	20 17	6 42	14 49	2 38
T 8	9 26	20 50	2 38	15 11	1 1	4 44	1 25	5 43	1 17	9 35	1 2	22 16	1 13	3 58	0 47	18 17	0 2	10 58	17 31	20 13	20 18	6 40	14 48	2 38
F 9	9 48	21 24	1 36	15 46	1 8	4 16	1 27	5 28	1 17	9 40	1 2	22 16	1 13	3 59	0 47	18 17	0 2	10 59	17 31	20 13	20 18	6 38	14 47	2 38
S 10	10 10	20 51	0 32	16 21	1 14	3 49	1 28	5 14	1 17	9 45	1 2	22 16	1 13	4 0	0 47	18 16	0 2	10 59	17 30	20 13	20 19	6 36	14 46	2 39
S 11	10 31	19 19	0n33	16 55	1 20	3 21	1 30	4 59	1 17	9 49	1 2	22 16	1 13	4 1	0 47	18 16	0 2	10 59	17 30	20 13	20 20	6 34	14 45	2 39
M12	10 53	16 56	1 35	17 27	1 26	2 53	1 31	4 44	1 17	9 54	1 2	22 16	1 13	4 1	0 47	18 16	0 2	11 0	17 30	20 14	20 20	6 31	14 44	2 39
T 13	11 14	13 52	2 32	17 59	1 33	2 25	1 32	4 30	1 17	9 59	1 2	22 16	1 13	4 2	0 47	18 16	0 2	11 0	17 30	20 14	20 21	6 29	14 43	2 39
W14	11 35	10 16	3 22	18 31	1 38	1 57	1 34	4 15	1 17	10 3	1 2	22 16	1 13	4 3	0 47	18 16	0 2	11 0	17 30	20 15	20 22	6 27	14 42	2 39
T 15	11 56	6 16	4 4	19 1	1 44	1 29	1 35	4 0	1 17	10 8	1 2	22 16	1 13	4 3	0 47	18 16	0 2	11 1	17 30	20 17	20 22	6 25	14 41	2 39
F 16	12 17	2 1	4 34	19 30	1 50	1 0	1 36	3 45	1 17	10 13	1 2	22 16	1 13	4 4	0 47	18 16	0 2	11 1	17 30	20 19	20 23	6 23	14 40	2 40
S 17	12 38	2s21	4 53	19 58	1 55	0 32	1 37	3 31	1 17	10 17	1 2	22 16	1 13	4 5	0 47	18 15	0 2	11 1	17 30	20 22	20 24	6 21	14 39	2 40
S 18	12 58	6 41	5 0	20 26	2 0	0 3	1 38	3 16	1 17	10 22	1 2	22 16	1 13	4 5	0 47	18 15	0 2	11 1	17 30	20 25	20 24	6 18	14 38	2 40
M19	13 18	10 48	4 52	20 52	2 5	0s25	1 39	3 1	1 17	10 27	1 2	22 16	1 13	4 6	0 47	18 15	0 2	11 2	17 29	20 28	20 25	6 16	14 37	2 40
T 20	13 38	14 31	4 30	21 17	2 10	0 54	1 39	2 46	1 17	10 31	1 2	22 16	1 13	4 6	0 47	18 15	0 2	11 2	17 29	20 31	20 26	6 14	14 36	2 40
W21	13 58	17 38	3 55	21 41	2 15	1 22	1 40	2 32	1 17	10 36	1 2	22 16	1 13	4 7	0 47	18 15	0 2	11 2	17 29	20 33	20 26	6 12	14 35	2 40
T 22	14 18	19 58	3 8	22 4	2 19	1 51	1 41	2 17	1 17	10 40	1 2	22 16	1 13	4 7	0 47	18 15	0 2	11 2	17 29	20 35	20 27	6 10	14 34	2 40
F 23	14 37	21 18	2 10	22 26	2 23	2 20	1 41	2 2	1 17	10 45	1 2	22 16	1 13	4 8	0 47	18 15	0 2	11 3	17 29	20 36	20 28	6 7	14 33	2 41
S 24	14 56	21 29	1 5	22 46	2 26	2 48	1 42	1 47	1 17	10 50	1 2	22 16	1 13	4 8	0 47	18 15	0 2	11 3	17 29	20 36	20 28	6 5	14 32	2 41
S 25	15 15	20 28	0s 6	23 5	2 29	3 17	1 42	1 32	1 17	10 54	1 2	22 16	1 13	4 9	0 47	18 15	0 2	11 3	17 28	20 36	20 29	6 3	14 31	2 41
M26	15 34	18 14	1 18	23 23	2 32	3 46	1 42	1 18	1 17	10 59	1 2	22 16	1 13	4 9	0 47	18 15	0 2	11 3	17 28	20 36	20 30	6 1	14 30	2 41
T 27	15 52	14 54	2 26	23 40	2 34	4 14	1 42	1 3	1 17	11 3	1 2	22 16	1 13	4 10	0 47	18 15	0 2	11 4	17 28	20 36	20 30	5 58	14 29	2 41
W28	16 10	10 38	3 27	23 55	2 36	4 43	1 42	0 48	1 17	11 8	1 2	22 16	1 13	4 10	0 47	18 15	0 2	11 4	17 28	20 37	20 31	5 56	14 28	2 41
T 29	16 28	5 40	4 16	24 9	2 38	5 11	1 42	0 33	1 17	11 12	1 2	22 16	1 13	4 11	0 47	18 15	0 2	11 4	17 28	20 38	20 32	5 54	14 27	2 41
F 30	16 45	0 19	4 48	24 21	2 38	5 40	1 42	0 18	1 17	11 17	1 2	22 15	1 13	4 11	0 47	18 15	0 2	11 4	17 27	20 39	20 32	5 52	14 26	2 41
S 31	17s 3	5n 5	5s 2	24s32	2s39	6s 8	1n42	0n 4	1n17	11s21	1n 2	22n15	1s13	4s11	0s47	18n15	0s 2	11s 4	17s27	20n41	20n33	5n50	14n25	2s42

Julian Day Number = 2302078.5, Delta T = 102.12 sec
Ecliptic obliquity = 23°29'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'45, Lahiri = 18°08'45 Julian Calendar 1 Oct. 1590 == Greg. Calendar 11 Oct. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

NOVEMBER 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 2	18♏20'39	10♉ 0	10♐37	20♎55	3♎26	2♏35	27°R49	21°R14	8°R 8	12°R36	27°R25	28♋15	25♍26	17°R 6	S 1
M 2	3 22 58	19°21'10	24°37	11°39	22° 9	4° 3	2°48	27♊45	21♓13	8♌ 8	12♈35	27♋14	28°12	25°33	17♉ 3	M 2
T 3	3 26 55	20°21'43	8♊55	12°39	23°24	4°40	3° 1	27°42	21°12	8° 8	12°34	27° 5	28° 8	25°39	17° 0	T 3
W 4	3 30 51	21°22'17	22°49	13°32	24°38	5°17	3°14	27°39	21°11	8° 7	12°33	26°58	28° 5	25°46	16°57	W 4
T 5	3 34 48	22°22'52	6♋17	14°23	25°53	5°54	3°27	27°35	21°10	8° 7	12°33	26°53	28° 2	25°53	16°53	T 5
F 6	3 38 44	23°23'30	19°18	15° 9	27° 7	6°31	3°39	27°31	21°10	8° 7	12°32	26°51	27°59	25°59	16°50	F 6
S 7	3 42 41	24°24'09	1♌56	15°49	28°22	7° 8	3°52	27°28	21° 9	8° 7	12°31	26°D51	27°56	26° 6	16°47	S 7
S 8	3 46 37	25°24'50	14°14	16°22	29°37	7°45	4° 5	27°24	21° 8	8° 7	12°30	26°52	27°53	26°13	16°44	S 8
M 9	3 50 34	26°25'32	26°17	16°49	0♏51	8°22	4°18	27°20	21° 8	8° 6	12°29	26°R52	27°49	26°19	16°40	M 9
T 10	3 54 31	27°26'16	8♍11	17° 8	2° 6	8°59	4°30	27°16	21° 7	8° 6	12°29	26°52	27°46	26°26	16°37	T 10
W11	3 58 27	28°27'01	20° 1	17°19	3°21	9°36	4°43	27°12	21° 7	8° 6	12°28	26°49	27°43	26°33	16°34	W11
T 12	4 2 24	29°27'48	1♎52	17°R20	4°36	10°13	4°55	27° 8	21° 6	8° 5	12°27	26°44	27°40	26°40	16°31	T 12
F 13	4 6 20	0♐28'37	13°48	17°11	5°51	10°49	5° 8	27° 4	21° 6	8° 5	12°26	26°37	27°37	26°46	16°28	F 13
S 14	4 10 17	1°29'27	25°52	16°52	7° 5	11°26	5°20	27° 0	21° 5	8° 5	12°26	26°27	27°34	26°53	16°25	S 14
S 15	4 14 13	2°30'18	8♏ 8	16°21	8°20	12° 3	5°33	26°56	21° 5	8° 4	12°25	26°17	27°30	27° 0	16°21	S 15
M16	4 18 10	3°31'11	20°37	15°40	9°35	12°40	5°45	26°51	21° 5	8° 4	12°24	26° 6	27°27	27° 6	16°18	M16
T 17	4 22 6	4°32'05	3♐18	14°47	10°50	13°17	5°57	26°47	21° 5	8° 3	12°24	25°57	27°24	27°13	16°15	T 17
W18	4 26 3	5°33'00	16°13	13°45	12° 5	13°53	6°10	26°43	21° 4	8° 3	12°23	25°49	27°21	27°20	16°12	W18
T 19	4 30 0	6°33'56	29°20	12°35	13°20	14°30	6°22	26°38	21° 4	8° 2	12°22	25°43	27°18	27°27	16° 9	T 19
F 20	4 33 56	7°34'53	12♑38	11°17	14°35	15° 7	6°34	26°34	21° 4	8° 1	12°22	25°40	27°14	27°33	16° 6	F 20
S 21	4 37 53	8°35'51	26° 6	9°56	15°50	15°43	6°46	26°29	21°D 4	8° 1	12°21	25°D39	27°11	27°40	16° 3	S 21
S 22	4 41 49	9°36'49	9♒45	8°33	17° 5	16°20	6°58	26°24	21° 4	8° 0	12°21	25°40	27° 8	27°47	16° 0	S 22
M23	4 45 46	10°37'49	23°33	7°11	18°20	16°57	7°10	26°20	21° 4	7°59	12°20	25°41	27° 5	27°53	15°57	M23
T 24	4 49 42	11°38'49	7♓31	5°54	19°35	17°33	7°22	26°15	21° 4	7°59	12°20	25°R42	27° 2	28° 0	15°55	T 24
W25	4 53 39	12°39'49	21°38	4°43	20°51	18°10	7°34	26°10	21° 5	7°58	12°19	25°42	26°59	28° 7	15°52	W25
T 26	4 57 35	13°40'50	5♈54	3°40	22° 6	18°46	7°46	26° 6	21° 5	7°57	12°19	25°40	26°55	28°13	15°49	T 26
F 27	5 1 32	14°41'51	20°14	2°47	23°21	19°23	7°58	26° 1	21° 5	7°56	12°18	25°36	26°52	28°20	15°46	F 27
S 28	5 5 29	15°42'53	4♉37	2° 5	24°36	19°59	8°10	25°56	21° 6	7°55	12°18	25°30	26°49	28°27	15°43	S 28
S 29	5 9 25	16°43'56	18°56	1°34	25°51	20°36	8°21	25°51	21° 6	7°54	12°17	25°24	26°46	28°34	15°41	S 29
M30	5 13 22	17♐44'59	3♊ 7	1♐14	27♏ 6	21♎12	8♏33	25♊46	21♓ 6	7♌53	12♈17	25♋18	26♋43	28♍40	15♉38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s20	10n11	4s55	24s42	2s38	6s36	1n42	0s11	1n17	11s26	1n 2	22n15	1s13	4s12	0s47	18n15	0s 2	11s 4	17s27	20n43	20n33	5n47	14n24	2s42
M 2	17 36	14 37	4 29	24 49	2 37	7 4	1 42	0 26	1 17	11 30	1 2	22 15	1 13	4 12	0 47	18 15	0 2	11 4	17 27	20 45	20 34	5 45	14 23	2 42
T 3	17 53	18 7	3 46	24 55	2 35	7 32	1 41	0 40	1 17	11 34	1 2	22 15	1 13	4 12	0 47	18 15	0 2	11 5	17 27	20 47	20 35	5 43	14 22	2 42
W 4	18 9	20 27	2 51	25 0	2 32	8 0	1 41	0 55	1 17	11 39	1 2	22 15	1 13	4 13	0 46	18 15	0 2	11 5	17 26	20 49	20 35	5 41	14 21	2 42
T 5	18 24	21 33	1 47	25 2	2 29	8 28	1 40	1 10	1 17	11 43	1 2	22 15	1 13	4 13	0 46	18 15	0 2	11 5	17 26	20 49	20 36	5 38	14 20	2 42
F 6	18 40	21 26	0 40	25 3	2 24	8 55	1 40	1 25	1 17	11 47	1 2	22 15	1 13	4 13	0 46	18 15	0 2	11 5	17 26	20 50	20 37	5 36	14 19	2 42
S 7	18 55	20 13	0n27	25 2	2 19	9 22	1 39	1 39	1 17	11 52	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 26	20 50	20 37	5 34	14 18	2 42
S 8	19 9	18 3	1 31	24 59	2 12	9 49	1 38	1 54	1 17	11 56	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 25	20 50	20 38	5 32	14 17	2 42
M 9	19 24	15 8	2 31	24 53	2 4	10 16	1 38	2 8	1 17	12 0	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 25	20 50	20 39	5 29	14 16	2 42
T 10	19 38	11 39	3 22	24 46	1 54	10 43	1 37	2 23	1 17	12 4	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 25	20 50	20 39	5 27	14 15	2 42
W11	19 51	7 43	4 5	24 36	1 43	11 9	1 36	2 37	1 17	12 9	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 25	20 50	20 40	5 25	14 14	2 42
T 12	20 5	3 30	4 37	24 24	1 31	11 36	1 35	2 52	1 17	12 13	1 2	22 15	1 13	4 14	0 46	18 15	0 2	11 5	17 24	20 51	20 40	5 23	14 13	2 42
F 13	20 18	0s53	4 58	24 9	1 17	12 1	1 34	3 6	1 17	12 17	1 2	22 15	1 13	4 15	0 46	18 15	0 2	11 5	17 24	20 53	20 41	5 20	14 12	2 43
S 14	20 30	5 17	5 5	23 52	1 2	12 27	1 33	3 21	1 17	12 21	1 2	22 15	1 13	4 15	0 46	18 15	0 2	11 5	17 24	20 54	20 42	5 18	14 11	2 43
S 15	20 42	9 32	4 59	23 33	0 45	12 52	1 31	3 35	1 17	12 25	1 2	22 15	1 13	4 15	0 46	18 16	0 2	11 5	17 23	20 56	20 42	5 16	14 10	2 43
M16	20 54	13 28	4 38	23 10	0 27	13 17	1 30	3 50	1 17	12 29	1 2	22 15	1 13	4 15	0 46	18 16	0 2	11 5	17 23	20 58	20 43	5 14	14 9	2 43
T 17	21 6	16 53	4 3	22 46	0 8	13 42	1 29	4 4	1 17	12 33	1 3	22 14	1 13	4 15	0 46	18 16	0 2	11 5	17 23	21 0	20 44	5 11	14 8	2 43
W18	21 17	19 32	3 16	22 19	0n12	14 7	1 27	4 18	1 17	12 37	1 3	22 14	1 13	4 15	0 46	18 16	0 2	11 5	17 22	21 2	20 44	5 9	14 7	2 43
T 19	21 27	21 12	2 17	21 50	0 32	14 31	1 26	4 33	1 17	12 41	1 3	22 14	1 13	4 15	0 46	18 16	0 2	11 5	17 22	21 3	20 45	5 7	14 6	2 43
F 20	21 37	21 44	1 10	21 19	0 52	14 54	1 24	4 47	1 17	12 45	1 3	22 14	1 13	4 15	0 46	18 16	0 2	11 5	17 22	21 3	20 45	5 5	14 6	2 43
S 21	21 47	21 1	0s 2	20 48	1 12	15 18	1 23	5 1	1 17	12 49	1 3	22 14	1 12	4 15	0 46	18 17	0 2	11 5	17 22	21 3	20 46	5 2	14 5	2 43
S 22	21 56	19 4	1 15	20 17	1 31	15 41	1 21	5 15	1 17	12 53	1 3	22 14	1 12	4 15	0 46	18 17	0 2	11 5	17 21	21 3	20 47	5 0	14 4	2 43
M23	22 5	15 59	2 25	19 46	1 49	16 3	1 20	5 29	1 17	12 57	1 3	22 14	1 12	4 15	0 46	18 17	0 2	11 5	17 21	21 3	20 47	4 58	14 3	2 43
T 24	22 14	11 58	3 27	19 18	2 4	16 25	1 18	5 43	1 17	13 1	1 3	22 14	1 12	4 15	0 46	18 17	0 2	11 5	17 21	21 3	20 48	4 55	14 2	2 43
W25	22 22	7 15	4 17	18 52	2 18	16 47	1 16	5 57	1 17	13 5	1 3	22 14	1 12	4 15	0 46	18 17	0 2	11 5	17 20	21 3	20 48	4 53	14 1	2 43
T 26	22 30	2 7	4 52	18 30	2 29	17 8	1 14	6 11	1 17	13 8	1 3	22 14	1 12	4 14	0 46	18 18	0 2	11 5	17 20	21 3	20 49	4 51	14 1	2 43
F 27	22 37	3n10	5 8	18 11	2 38	17 29	1 12	6 25	1 16	13 12	1 3	22 14	1 12	4 14	0 46	18 18	0 2	11 4	17 20	21 4	20 50	4 49	14 0	2 43
S 28	22 43	8 17	5 6	17 56	2 45	17 49	1 10	6 39	1 16	13 16	1 3	22 14	1 12	4 14	0 46	18 18	0 2	11 4	17 19	21 5	20 50	4 46	13 59	2 43
S 29	22 50	12 56	4 44	17 45	2 49	18 9	1 8	6 53	1 16	13 19	1 3	22 14	1 12	4 14	0 45	18 18	0 2	11 4	17 19	21 6	20 51	4 44	13 58	2 43
M30	22s56	16n49	4s 5	17s39	2n52	18s29	1n 6	7s 7	1n16	13s23	1n 3	22n14	1s12	4s14	0s45	18n19	0s 2	11s 4	17s19	21n 7	20n52	4n42	13n57	2s43

Julian Day Number = 2302109.5, Delta T = 101.99 sec
Ecliptic obliquity = 23°29'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'49, Lahiri = 18°08'50 Julian Calendar 1 Nov. 1590 == Greg. Calendar 11 Nov. 1590

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ASTRODIENST EPHEMERIS for the year 1590
geocentric

DECEMBER 1590 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 17 18	18♐46'03	17♊ 4	1°D 5	28♏21	21♎48	8♏44	25°R41	21♓ 7	7°R52	12°R17	25°R12	26♋40	28♍47	15°R36	T 1
W 2	5 21 15	19°47'07	0♋44	1♐ 6	29°37	22°25	8°56	25♊36	21° 7	7♏51	12♈16	25♋ 8	26°36	28°54	15♉33	W 2
T 3	5 25 11	20°48'12	14° 3	1°17	0♐52	23° 1	9° 7	25°31	21° 8	7°50	12°16	25° 6	26°33	29° 0	15°30	T 3
F 4	5 29 8	21°49'18	27° 0	1°36	2° 7	23°37	9°19	25°26	21° 9	7°49	12°16	25°D 5	26°30	29° 7	15°28	F 4
S 5	5 33 5	22°50'24	9♏38	2° 4	3°22	24°14	9°30	25°22	21° 9	7°48	12°15	25° 6	26°27	29°14	15°26	S 5
S 6	5 37 1	23°51'31	21°58	2°38	4°37	24°50	9°41	25°17	21°10	7°47	12°15	25° 8	26°24	29°21	15°23	S 6
M 7	5 40 58	24°52'39	4♍ 4	3°19	5°53	25°26	9°52	25°12	21°11	7°46	12°15	25°10	26°20	29°27	15°21	M 7
T 8	5 44 54	25°53'47	16° 0	4° 5	7° 8	26° 2	10° 3	25° 7	21°12	7°45	12°15	25°11	26°17	29°34	15°19	T 8
W 9	5 48 51	26°54'56	27°52	4°56	8°23	26°38	10°14	25° 2	21°13	7°44	12°14	25°R12	26°14	29°41	15°16	W 9
T 10	5 52 47	27°56'06	9♎44	5°52	9°38	27°14	10°25	24°57	21°14	7°43	12°14	25°11	26°11	29°47	15°14	T 10
F 11	5 56 44	28°57'16	21°41	6°52	10°54	27°50	10°36	24°52	21°15	7°41	12°14	25° 9	26° 8	29°54	15°12	F 11
S 12	6 0 40	29°58'26	3♏48	7°55	12° 9	28°26	10°46	24°47	21°16	7°40	12°14	25° 6	26° 5	0♎ 1	15°10	S 12
S 13	6 4 37	0♑59'37	16° 8	9° 1	13°24	29° 2	10°57	24°42	21°17	7°39	12°14	25° 2	26° 1	0° 7	15° 8	S 13
M14	6 8 34	2° 0'49	28°44	10°10	14°40	29°38	11° 7	24°37	21°18	7°38	12°14	24°58	25°58	0°14	15° 6	M14
T 15	6 12 30	3° 2'01	11♐38	11°21	15°55	0♏14	11°18	24°32	21°19	7°36	12°14	24°54	25°55	0°21	15° 4	T 15
W16	6 16 27	4° 3'13	24°50	12°34	17°10	0°50	11°28	24°27	21°21	7°35	12°14	24°51	25°52	0°28	15° 2	W16
T 17	6 20 23	5° 4'25	8♑19	13°49	18°26	1°26	11°38	24°22	21°22	7°34	12°D14	24°49	25°49	0°34	15° 0	T 17
F 18	6 24 20	6° 5'37	22° 3	15° 6	19°41	2° 2	11°48	24°17	21°23	7°32	12°14	24°D49	25°46	0°41	14°59	F 18
S 19	6 28 16	7° 6'49	5♒59	16°25	20°56	2°38	11°59	24°13	21°25	7°31	12°14	24°49	25°42	0°48	14°57	S 19
S 20	6 32 13	8° 8'01	20° 5	17°44	22°12	3°13	12° 8	24° 8	21°26	7°29	12°14	24°50	25°39	0°54	14°55	S 20
M21	6 36 9	9° 9'12	4♓15	19° 5	23°27	3°49	12°18	24° 3	21°28	7°28	12°14	24°51	25°36	1° 1	14°54	M21
T 22	6 40 6	10°10'24	18°28	20°27	24°42	4°25	12°28	23°58	21°29	7°27	12°14	24°52	25°33	1° 8	14°52	T 22
W23	6 44 3	11°11'34	2♈41	21°50	25°58	5° 0	12°38	23°54	21°31	7°25	12°14	24°53	25°30	1°15	14°51	W23
T 24	6 47 59	12°12'44	16°52	23°14	27°13	5°36	12°47	23°49	21°32	7°24	12°14	24°R53	25°26	1°21	14°49	T 24
F 25	6 51 56	13°13'54	0♉58	24°39	28°28	6°11	12°56	23°45	21°34	7°22	12°14	24°53	25°23	1°28	14°48	F 25
S 26	6 55 52	14°15'02	14°57	26° 4	29°43	6°47	13° 6	23°40	21°36	7°21	12°15	24°52	25°20	1°35	14°47	S 26
S 27	6 59 49	15°16'11	28°49	27°31	0♑59	7°22	13°15	23°36	21°38	7°19	12°15	24°50	25°17	1°41	14°46	S 27
M28	7 3 45	16°17'19	12♊29	28°58	2°14	7°57	13°24	23°31	21°40	7°18	12°15	24°49	25°14	1°48	14°45	M28
T 29	7 7 42	17°18'26	25°58	0♑25	3°29	8°33	13°33	23°27	21°41	7°16	12°15	24°48	25°11	1°55	14°44	T 29
W30	7 11 38	18°19'33	9♋13	1°54	4°45	9° 8	13°42	23°23	21°43	7°14	12°16	24°48	25° 7	2° 2	14°43	W30
T 31	7 15 35	19♑20'39	22♋13	3♑23	6♑ 0	9♏43	13♏50	23♊18	21♓45	7♏13	12♈16	24°D47	25♋ 4	2♎ 8	14♉42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	19n40	3s12	17s36	2n52	18s47	1n 4	7s20	1n16	13s27	1n 3	22n13	1s12	4s13	0s45	18n19	0s 2	11s 4	17s18	21n 8	20n52	4n39	13n57	2s43
W 2	23 6	21 20	2 9	17 37	2 52	19 6	1 2	7 34	1 16	13 30	1 3	22 13	1 12	4 13	0 45	18 19	0 2	11 4	17 18	21 9	20 53	4 37	13 56	2 43
T 3	23 10	21 45	1 0	17 42	2 49	19 24	1 0	7 48	1 16	13 34	1 3	22 13	1 12	4 13	0 45	18 19	0 2	11 3	17 18	21 10	20 53	4 35	13 55	2 43
F 4	23 14	20 58	0n10	17 49	2 46	19 41	0 58	8 1	1 16	13 37	1 3	22 13	1 12	4 13	0 45	18 20	0 2	11 3	17 17	21 10	20 54	4 33	13 54	2 43
S 5	23 18	19 9	1 19	17 59	2 42	19 58	0 56	8 15	1 16	13 41	1 4	22 13	1 11	4 12	0 45	18 20	0 2	11 3	17 17	21 10	20 55	4 30	13 54	2 43
S 6	23 21	16 27	2 22	18 10	2 37	20 14	0 54	8 28	1 15	13 44	1 4	22 13	1 11	4 12	0 45	18 20	0 2	11 3	17 17	21 9	20 55	4 28	13 53	2 43
M 7	23 23	13 6	3 17	18 24	2 31	20 29	0 51	8 41	1 15	13 48	1 4	22 13	1 11	4 12	0 45	18 21	0 2	11 2	17 16	21 9	20 56	4 26	13 52	2 43
T 8	23 26	9 16	4 4	18 39	2 24	20 44	0 49	8 55	1 15	13 51	1 4	22 13	1 11	4 11	0 45	18 21	0 2	11 2	17 16	21 9	20 56	4 23	13 52	2 43
W 9	23 27	5 7	4 39	18 55	2 17	20 59	0 47	9 8	1 15	13 55	1 4	22 13	1 11	4 11	0 45	18 21	0 2	11 2	17 15	21 9	20 57	4 21	13 51	2 43
T 10	23 28	0 46	5 3	19 12	2 10	21 13	0 44	9 21	1 15	13 58	1 4	22 13	1 11	4 10	0 45	18 21	0 2	11 2	17 15	21 9	20 58	4 19	13 51	2 43
F 11	23 29	3s37	5 13	19 30	2 2	21 26	0 42	9 34	1 15	14 1	1 4	22 13	1 11	4 10	0 45	18 22	0 1	11 1	17 15	21 9	20 58	4 16	13 50	2 43
S 12	23 29	7 57	5 10	19 48	1 54	21 39	0 40	9 47	1 15	14 4	1 4	22 13	1 11	4 10	0 45	18 22	0 1	11 1	17 14	21 10	20 59	4 14	13 49	2 43
S 13	23 29	12 1	4 53	20 6	1 46	21 50	0 37	10 0	1 14	14 8	1 4	22 13	1 11	4 9	0 45	18 22	0 1	11 1	17 14	21 10	20 59	4 12	13 49	2 43
M14	23 29	15 40	4 21	20 24	1 38	22 2	0 35	10 13	1 14	14 11	1 4	22 12	1 10	4 9	0 45	18 23	0 1	11 1	17 14	21 11	21 0	4 9	13 48	2 43
T 15	23 27	18 40	3 36	20 42	1 30	22 12	0 32	10 25	1 14	14 14	1 4	22 12	1 10	4 8	0 45	18 23	0 1	11 0	17 13	21 12	21 1	4 7	13 48	2 43
W16	23 26	20 46	2 38	21 0	1 21	22 22	0 30	10 38	1 14	14 17	1 4	22 12	1 10	4 7	0 45	18 23	0 1	11 0	17 13	21 12	21 1	4 5	13 47	2 43
T 17	23 24	21 44	1 30	21 18	1 13	22 32	0 27	10 51	1 14	14 20	1 5	22 12	1 10	4 7	0 45	18 24	0 1	11 0	17 13	21 13	21 2	4 3	13 47	2 43
F 18	23 21	21 26	0 15	21 35	1 5	22 40	0 25	11 3	1 14	14 23	1 5	22 12	1 10	4 6	0 45	18 24	0 1	10 59	17 12	21 13	21 2	4 0	13 46	2 43
S 19	23 18	19 48	1s 1	21 52	0 56	22 48	0 22	11 16	1 13	14 26	1 5	22 12	1 10	4 6	0 45	18 25	0 1	10 59	17 12	21 13	21 3	3 58	13 46	2 42
S 20	23 14	16 57	2 15	22 8	0 48	22 56	0 20	11 28	1 13	14 29	1 5	22 12	1 10	4 5	0 45	18 25	0 1	10 59	17 11	21 12	21 4	3 56	13 46	2 42
M21	23 10	13 5	3 21	22 23	0 40	23 2	0 17	11 40	1 13	14 32	1 5	22 12	1 10	4 5	0 45	18 25	0 1	10 58	17 11	21 12	21 4	3 53	13 45	2 42
T 22	23 6	8 29	4 15	22 37	0 32	23 8	0 15	11 53	1 13	14 35	1 5	22 12	1 9	4 4	0 45	18 26	0 1	10 58	17 11	21 12	21 5	3 51	13 45	2 42
W23	23 1	3 25	4 53	22 51	0 23	23 13	0 12	12 5	1 13	14 38	1 5	22 12	1 9	4 3	0 45	18 26	0 1	10 57	17 10	21 12	21 5	3 49	13 44	2 42
T 24	22 56	1n49	5 13	23 4	0 15	23 18	0 10	12 17	1 12	14 40	1 5	22 12	1 9	4 3	0 44	18 26	0 1	10 57	17 10	21 12	21 6	3 46	13 44	2 42
F 25	22 50	6 55	5 15	23 15	0 8	23 22	0 7	12 29	1 12	14 43	1 5	22 12	1 9	4 2	0 44	18 27	0 1	10 57	17 10	21 12	21 6	3 44	13 44	2 42
S 26	22 44	11 37	4 57	23 26	0s 0	23 25	0 5	12 41	1 12	14 46	1 6	22 12	1 9	4 1	0 44	18 27	0 1	10 56	17 9	21 12	21 7	3 41	13 43	2 42
S 27	22 37	15 40	4 23	23 36	0 8	23 27	0 2	12 52	1 12	14 48	1 6	22 12	1 9	4 0	0 44	18 28	0 1	10 56	17 9	21 12	21 8	3 39	13 43	2 42
M28	22 30	18 49	3 34	23 44	0 15	23 28	0s 0	13 4	1 11	14 51	1 6	22 11	1 9	4 0	0 44	18 28	0 1	10 55	17 8	21 13	21 8	3 37	13 43	2 42
T 29	22 22	20 53	2 33	23 52	0 22	23 29	0 3	13 16	1 11	14 54	1 6	22 11	1 8	3 59	0 44	18 28	0 1	10 55	17 8	21 13	21 9	3 34	13 43	2 42
W30	22 14	21 45	1 25	23 58	0 29	23 29	0 5	13 27	1 11	14 56	1 6	22 11	1 8	3 58	0 44	18 29	0 1	10 54	17 8	21 13	21 9	3 32	13 42	2 42
T 31	22s 6	21n25	0s14	24s 3	0s36	23s29	0s 8	13s38	1n11	14s59	1n 6	22n11	1s 8	3s57	0s44	18n29	0s 1	10s54	17s 7	21n13	21n10	3n30	13n42	2s42

Julian Day Number = 2302139.5, Delta T = 101.86 sec
Ecliptic obliquity = 23°29'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'53, Lahiri = 18°08'54 Julian Calendar 1 Dec. 1590 == Greg. Calendar 11 Dec. 1590

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

JANUARY 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 19 32	20♉21'45	4♌58	4♉52	7♉15	10♏18	13♏59	23°R14	21♓47	7°R11	12♈16	24♋48	25♋ 1	2♎15	14°R41	F 1
S 2	7 23 28	21°22'50	17°28	6°22	8°31	10°53	14° 8	23♊10	21°49	7♌10	12°17	24°48	24°58	2°22	14♉40	S 2
S 3	7 27 25	22°23'55	29°45	7°53	9°46	11°28	14°16	23° 6	21°51	7° 8	12°17	24°48	24°55	2°28	14°39	S 3
M 4	7 31 21	23°24'59	11♍50	9°24	11° 1	12° 3	14°24	23° 2	21°53	7° 6	12°17	24°48	24°52	2°35	14°39	M 4
T 5	7 35 18	24°26'03	23°47	10°56	12°17	12°38	14°32	22°58	21°56	7° 5	12°18	24°R48	24°48	2°42	14°38	T 5
W 6	7 39 14	25°27'06	5♎40	12°29	13°32	13°13	14°40	22°55	21°58	7° 3	12°18	24°48	24°45	2°49	14°37	W 6
T 7	7 43 11	26°28'09	17°32	14° 2	14°47	13°48	14°48	22°51	22° 0	7° 1	12°19	24°48	24°42	2°55	14°37	T 7
F 8	7 47 7	27°29'11	29°28	15°35	16° 2	14°23	14°56	22°47	22° 2	7° 0	12°19	24°D48	24°39	3° 2	14°37	F 8
S 9	7 51 4	28°30'13	11♏34	17°10	17°18	14°57	15° 3	22°44	22° 5	6°58	12°20	24°48	24°36	3° 9	14°36	S 9
S 10	7 55 1	29°31'14	23°52	18°44	18°33	15°32	15°11	22°40	22° 7	6°56	12°20	24°49	24°32	3°15	14°36	S 10
M11	7 58 57	0♒32'15	6♐29	20°20	19°48	16° 7	15°18	22°37	22° 9	6°55	12°21	24°49	24°29	3°22	14°36	M11
T 12	8 2 54	1°33'15	19°26	21°56	21° 4	16°41	15°25	22°34	22°12	6°53	12°21	24°50	24°26	3°29	14°36	T 12
W13	8 6 50	2°34'14	2♑46	23°33	22°19	17°15	15°32	22°30	22°14	6°51	12°22	24°51	24°23	3°36	14°D36	W13
T 14	8 10 47	3°35'12	16°30	25°10	23°34	17°50	15°39	22°27	22°17	6°50	12°22	24°51	24°20	3°42	14°36	T 14
F 15	8 14 43	4°36'10	0♒34	26°48	24°49	18°24	15°46	22°24	22°19	6°48	12°23	24°R51	24°17	3°49	14°36	F 15
S 16	8 18 40	5°37'07	14°57	28°27	26° 5	18°58	15°52	22°21	22°22	6°46	12°24	24°51	24°13	3°56	14°36	S 16
S 17	8 22 36	6°38'02	29°32	0♒ 7	27°20	19°33	15°59	22°18	22°25	6°45	12°24	24°50	24°10	4° 2	14°36	S 17
M18	8 26 33	7°38'56	14♓12	1°47	28°35	20° 7	16° 5	22°16	22°27	6°43	12°25	24°48	24° 7	4° 9	14°36	M18
T 19	8 30 30	8°39'49	28°52	3°28	29°50	20°41	16°11	22°13	22°30	6°41	12°26	24°46	24° 4	4°16	14°37	T 19
W20	8 34 26	9°40'40	13♈24	5° 9	1♒ 6	21°14	16°17	22°10	22°33	6°40	12°27	24°45	24° 1	4°23	14°37	W20
T 21	8 38 23	10°41'30	27°44	6°52	2°21	21°48	16°23	22° 8	22°35	6°38	12°27	24°44	23°57	4°29	14°38	T 21
F 22	8 42 19	11°42'18	11♉50	8°35	3°36	22°22	16°29	22° 6	22°38	6°36	12°28	24°D43	23°54	4°36	14°38	F 22
S 23	8 46 16	12°43'05	25°40	10°19	4°51	22°56	16°34	22° 3	22°41	6°35	12°29	24°44	23°51	4°43	14°39	S 23
S 24	8 50 12	13°43'50	9♊13	12° 4	6° 7	23°29	16°39	22° 1	22°44	6°33	12°30	24°45	23°48	4°49	14°40	S 24
M25	8 54 9	14°44'34	22°31	13°49	7°22	24° 3	16°45	21°59	22°47	6°31	12°31	24°46	23°45	4°56	14°40	M25
T 26	8 58 5	15°45'16	5♋35	15°35	8°37	24°36	16°50	21°57	22°49	6°30	12°31	24°48	23°42	5° 3	14°41	T 26
W27	9 2 2	16°45'56	18°26	17°23	9°52	25°10	16°54	21°55	22°52	6°28	12°32	24°R49	23°38	5°10	14°42	W27
T 28	9 5 59	17°46'35	1♌ 4	19°10	11° 7	25°43	16°59	21°54	22°55	6°26	12°33	24°49	23°35	5°16	14°43	T 28
F 29	9 9 55	18°47'13	13°32	20°59	12°22	26°16	17° 4	21°52	22°58	6°25	12°34	24°47	23°32	5°23	14°44	F 29
S 30	9 13 52	19°47'48	25°49	22°48	13°37	26°49	17° 8	21°51	23° 1	6°23	12°35	24°45	23°29	5°30	14°45	S 30
S 31	9 17 48	20♒48'23	7♍58	24♒38	14♒53	27♏22	17♏12	21♊49	23♓ 4	6♌21	12♈36	24♋41	23♋26	5♎36	14♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s57	19n58	0n56	24s 7	0s43	23s27	0s10	13s50	1n10	15s 1	1n 6	22n11	1s 8	3s56	0s44	18n30	0s 1	10s54	17s 7	21n13	21n10	3n27	13n42	2s42
S 2	21 47	17 35	2 3	24 10	0 49	23 25	0 12	14 1	1 10	15 3	1 6	22 11	1 8	3 56	0 44	18 30	0 1	10 53	17 7	21 13	21 11	3 25	13 42	2 42
S 3	21 38	14 25	3 2	24 11	0 56	23 23	0 15	14 12	1 10	15 6	1 6	22 11	1 8	3 55	0 44	18 31	0 1	10 53	17 6	21 13	21 12	3 23	13 42	2 42
M 4	21 27	10 43	3 52	24 11	1 2	23 19	0 17	14 23	1 9	15 8	1 7	22 11	1 7	3 54	0 44	18 31	0 1	10 52	17 6	21 13	21 12	3 20	13 42	2 41
T 5	21 17	6 38	4 32	24 10	1 8	23 15	0 20	14 34	1 9	15 10	1 7	22 11	1 7	3 53	0 44	18 31	0 1	10 52	17 6	21 13	21 13	3 18	13 42	2 41
W 6	21 6	2 20	5 0	24 7	1 13	23 10	0 22	14 45	1 9	15 13	1 7	22 11	1 7	3 52	0 44	18 32	0 1	10 51	17 5	21 13	21 13	3 16	13 41	2 41
T 7	20 54	2s 3	5 15	24 3	1 19	23 4	0 24	14 55	1 9	15 15	1 7	22 11	1 7	3 51	0 44	18 32	0 1	10 51	17 5	21 13	21 14	3 13	13 41	2 41
F 8	20 43	6 22	5 16	23 58	1 24	22 58	0 27	15 6	1 8	15 17	1 7	22 11	1 7	3 50	0 44	18 33	0 1	10 50	17 4	21 13	21 14	3 11	13 41	2 41
S 9	20 30	10 31	5 4	23 51	1 29	22 51	0 29	15 17	1 8	15 19	1 7	22 11	1 7	3 49	0 44	18 33	0 1	10 50	17 4	21 13	21 15	3 8	13 41	2 41
S 10	20 18	14 18	4 38	23 43	1 33	22 43	0 31	15 27	1 8	15 21	1 7	22 11	1 6	3 48	0 44	18 34	0 1	10 49	17 4	21 13	21 16	3 6	13 41	2 41
M11	20 5	17 32	3 57	23 33	1 38	22 35	0 34	15 37	1 7	15 23	1 8	22 11	1 6	3 47	0 44	18 34	0 1	10 49	17 3	21 13	21 16	3 4	13 41	2 41
T 12	19 51	20 1	3 4	23 22	1 42	22 26	0 36	15 48	1 7	15 25	1 8	22 11	1 6	3 46	0 44	18 34	0 1	10 48	17 3	21 12	21 17	3 1	13 41	2 41
W13	19 38	21 28	1 59	23 10	1 45	22 16	0 38	15 58	1 6	15 27	1 8	22 11	1 6	3 45	0 44	18 35	0 1	10 48	17 3	21 12	21 17	2 59	13 41	2 41
T 14	19 24	21 42	0 46	22 56	1 49	22 5	0 40	16 8	1 6	15 29	1 8	22 11	1 6	3 44	0 44	18 35	0 1	10 47	17 2	21 12	21 18	2 57	13 42	2 41
F 15	19 9	20 35	0s32	22 40	1 52	21 54	0 42	16 17	1 6	15 30	1 8	22 11	1 5	3 43	0 44	18 36	0 1	10 46	17 2	21 12	21 18	2 54	13 42	2 41
S 16	18 54	18 7	1 49	22 23	1 55	21 42	0 44	16 27	1 5	15 32	1 8	22 11	1 5	3 42	0 44	18 36	0 1	10 46	17 2	21 12	21 19	2 52	13 42	2 41
S 17	18 39	14 29	3 0	22 5	1 57	21 30	0 46	16 37	1 5	15 34	1 8	22 11	1 5	3 41	0 44	18 37	0 1	10 45	17 1	21 13	21 20	2 49	13 42	2 40
M18	18 24	9 55	4 0	21 45	1 59	21 17	0 48	16 46	1 4	15 36	1 9	22 11	1 5	3 40	0 44	18 37	0 1	10 45	17 1	21 13	21 20	2 47	13 42	2 40
T 19	18 8	4 48	4 44	21 23	2 1	21 3	0 50	16 56	1 4	15 37	1 9	22 11	1 5	3 39	0 44	18 37	0 1	10 44	17 1	21 13	21 21	2 45	13 42	2 40
W20	17 52	0n32	5 10	21 0	2 3	20 48	0 52	17 5	1 4	15 39	1 9	22 11	1 4	3 38	0 44	18 38	0 1	10 44	17 0	21 13	21 21	2 42	13 42	2 40
T 21	17 36	5 47	5 16	20 36	2 4	20 33	0 54	17 14	1 3	15 40	1 9	22 11	1 4	3 37	0 44	18 38	0 1	10 43	17 0	21 14	21 22	2 40	13 43	2 40
F 22	17 19	10 37	5 2	20 9	2 4	20 18	0 56	17 23	1 3	15 42	1 9	22 11	1 4	3 36	0 44	18 39	0 1	10 42	17 0	21 14	21 22	2 38	13 43	2 40
S 23	17 2	14 49	4 31	19 41	2 5	20 2	0 58	17 32	1 2	15 43	1 9	22 11	1 4	3 35	0 44	18 39	0 1	10 42	16 59	21 14	21 23	2 35	13 43	2 40
S 24	16 44	18 10	3 46	19 12	2 4	19 45	0 59	17 41	1 2	15 45	1 9	22 11	1 4	3 33	0 43	18 40	0 1	10 41	16 59	21 13	21 23	2 33	13 43	2 40
M25	16 27	20 28	2 49	18 41	2 4	19 27	1 1	17 50	1 1	15 46	1 10	22 12	1 4	3 32	0 43	18 40	0 1	10 41	16 59	21 13	21 24	2 30	13 44	2 40
T 26	16 9	21 38	1 44	18 9	2 3	19 9	1 3	17 59	1 1	15 47	1 10	22 12	1 3	3 31	0 43	18 41	0 1	10 40	16 59	21 13	21 24	2 28	13 44	2 40
W27	15 51	21 38	0 35	17 35	2 1	18 51	1 4	18 7	1 0	15 48	1 10	22 12	1 3	3 30	0 43	18 41	0 1	10 39	16 58	21 13	21 25	2 26	13 44	2 40
T 28	15 32	20 31	0n34	16 59	1 59	18 32	1 6	18 16	1 0	15 50	1 10	22 12	1 3	3 29	0 43	18 41	0 1	10 39	16 58	21 13	21 26	2 23	13 45	2 40
F 29	15 14	18 25	1 41	16 22	1 56	18 12	1 7	18 24	0 59	15 51	1 10	22 12	1 3	3 28	0 43	18 42	0 1	10 38	16 58	21 13	21 26	2 21	13 45	2 39
S 30	14 55	15 29	2 42	15 43	1 53	17 52	1 9	18 32	0 59	15 52	1 10	22 12	1 3	3 26	0 43	18 42	0 1	10 38	16 57	21 13	21 27	2 18	13 46	2 39
S 31	14s35	11n55	3n35	15s 3	1s49	17s32	1s10	18s40	0n58	15s53	1n11	22n12	1s 2	3s25	0s43	18n43	0s 1	10s37	16s57	21n14	21n27	2n16	13n46	2s39

Julian Day Number = 2302170.5, Delta T = 101.73 sec
Ecliptic obliquity = 23°29'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°01'58, Lahiri = 18°08'58 Julian Calendar 1 Jan. 1591 == Greg. Calendar 11 Jan. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

FEBRUARY 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 21 45	21♒48'56	19♍59	26♒29	16♒ 8	27♏55	17♏16	21°R48	23♓ 7	6°R20	12♈37	24°R36	23♋23	5♎43	14♉48	M 1
T 2	9 25 41	22°49'27	1♎54	28°20	17°23	28°28	17°20	21♊47	23°10	6♌18	12°38	24♋31	23°19	5°50	14°49	T 2
W 3	9 29 38	23°49'57	13°47	0♓11	18°38	29° 0	17°24	21°46	23°13	6°16	12°39	24°26	23°16	5°57	14°50	W 3
T 4	9 33 34	24°50'26	25°38	2° 3	19°53	29°33	17°27	21°45	23°16	6°15	12°40	24°22	23°13	6° 3	14°52	T 4
F 5	9 37 31	25°50'53	7♏34	3°55	21° 8	0♐ 5	17°30	21°44	23°20	6°13	12°41	24°19	23°10	6°10	14°53	F 5
S 6	9 41 28	26°51'19	19°36	5°47	22°23	0°38	17°34	21°43	23°23	6°12	12°42	24°17	23° 7	6°17	14°55	S 6
S 7	9 45 24	27°51'44	1♐51	7°39	23°38	1°10	17°37	21°43	23°26	6°10	12°43	24°D17	23° 3	6°23	14°56	S 7
M 8	9 49 21	28°52'07	14°23	9°30	24°53	1°42	17°39	21°42	23°29	6° 9	12°44	24°18	23° 0	6°30	14°58	M 8
T 9	9 53 17	29°52'29	27°15	11°21	26° 8	2°14	17°42	21°42	23°32	6° 7	12°45	24°19	22°57	6°37	15° 0	T 9
W10	9 57 14	0♓52'50	10♑33	13°11	27°23	2°46	17°44	21°41	23°35	6° 6	12°46	24°21	22°54	6°44	15° 1	W10
T 11	10 1 10	1°53'09	24°18	14°59	28°38	3°18	17°47	21°41	23°39	6° 4	12°47	24°R22	22°51	6°50	15° 3	T 11
F 12	10 5 7	2°53'26	8♒30	16°46	29°53	3°50	17°49	21°D41	23°42	6° 3	12°48	24°21	22°48	6°57	15° 5	F 12
S 13	10 9 3	3°53'42	23° 6	18°30	1♓ 8	4°21	17°51	21°41	23°45	6° 1	12°50	24°18	22°44	7° 4	15° 7	S 13
S 14	10 13 0	4°53'56	8♓ 2	20°12	2°23	4°53	17°52	21°41	23°49	6° 0	12°51	24°13	22°41	7°10	15° 9	S 14
M15	10 16 57	5°54'08	23° 7	21°51	3°38	5°24	17°54	21°42	23°52	5°58	12°52	24° 7	22°38	7°17	15°11	M15
T 16	10 20 53	6°54'18	8♈13	23°26	4°53	5°55	17°55	21°42	23°55	5°57	12°53	24° 1	22°35	7°24	15°13	T 16
W17	10 24 50	7°54'26	23°10	24°56	6° 8	6°26	17°56	21°43	23°58	5°56	12°54	23°54	22°32	7°31	15°16	W17
T 18	10 28 46	8°54'32	7♉50	26°22	7°23	6°57	17°57	21°43	24° 2	5°54	12°55	23°49	22°29	7°37	15°18	T 18
F 19	10 32 43	9°54'35	22° 7	27°42	8°38	7°27	17°58	21°44	24° 5	5°53	12°57	23°46	22°25	7°44	15°20	F 19
S 20	10 36 39	10°54'37	6♊ 1	28°56	9°53	7°58	17°58	21°45	24° 9	5°51	12°58	23°D44	22°22	7°51	15°23	S 20
S 21	10 40 36	11°54'37	19°30	0♈ 4	11° 8	8°28	17°59	21°46	24°12	5°50	12°59	23°44	22°19	7°58	15°25	S 21
M22	10 44 32	12°54'34	2♋38	1° 5	12°23	8°59	17°R59	21°47	24°15	5°49	13° 0	23°45	22°16	8° 4	15°28	M22
T 23	10 48 29	13°54'29	15°27	1°58	13°37	9°29	17°59	21°48	24°19	5°48	13° 2	23°47	22°13	8°11	15°30	T 23
W24	10 52 26	14°54'22	28° 1	2°44	14°52	9°59	17°59	21°50	24°22	5°46	13° 3	23°R47	22° 9	8°18	15°33	W24
T 25	10 56 22	15°54'13	10♌22	3°21	16° 7	10°28	17°58	21°51	24°25	5°45	13° 4	23°45	22° 6	8°24	15°35	T 25
F 26	11 0 19	16°54'01	22°35	3°50	17°22	10°58	17°58	21°52	24°29	5°44	13° 6	23°41	22° 3	8°31	15°38	F 26
S 27	11 4 15	17°53'48	4♍40	4°11	18°37	11°28	17°57	21°54	24°32	5°43	13° 7	23°35	22° 0	8°38	15°41	S 27
S 28	11 8 12	18♓53'32	16♍39	4♈23	19♓51	11♐57	17♏56	21♊56	24♓36	5♌42	13♈ 8	23♋26	21♋57	8♎45	15♉44	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s16	7n55	4n18	14s22	1s45	17s10	1s12	18s48	0n58	15s54	1n11	22n12	1s 2	3s24	0s43	18n43	0s 1	10s36	16s57	21n15	21n28	2n14	13n46	2s39
T 2	13 56	3 39	4 49	13 39	1 40	16 49	1 13	18 56	0 57	15 55	1 11	22 12	1 2	3 23	0 43	18 43	0 1	10 36	16 56	21 16	21 28	2 11	13 47	2 39
W 3	13 36	0s44	5 7	12 54	1 35	16 27	1 14	19 4	0 56	15 56	1 11	22 13	1 2	3 22	0 43	18 44	0 1	10 35	16 56	21 17	21 29	2 9	13 47	2 39
T 4	13 16	5 5	5 12	12 9	1 29	16 4	1 15	19 11	0 56	15 56	1 11	22 13	1 1	3 20	0 43	18 44	0 1	10 34	16 56	21 17	21 29	2 6	13 48	2 39
F 5	12 56	9 16	5 4	11 22	1 22	15 41	1 16	19 19	0 55	15 57	1 11	22 13	1 1	3 19	0 43	18 45	0 1	10 34	16 56	21 18	21 30	2 4	13 48	2 39
S 6	12 35	13 8	4 43	10 34	1 14	15 18	1 17	19 26	0 55	15 58	1 12	22 13	1 1	3 18	0 43	18 45	0 1	10 33	16 55	21 18	21 30	2 1	13 49	2 39
S 7	12 15	16 32	4 8	9 45	1 6	14 54	1 18	19 34	0 54	15 59	1 12	22 13	1 1	3 16	0 43	18 45	0 1	10 33	16 55	21 18	21 31	1 59	13 49	2 39
M 8	11 54	19 15	3 21	8 55	0 58	14 30	1 19	19 41	0 53	15 59	1 12	22 13	1 1	3 15	0 43	18 46	0 1	10 32	16 55	21 18	21 32	1 57	13 50	2 39
T 9	11 32	21 5	2 22	8 4	0 48	14 5	1 20	19 48	0 53	16 0	1 12	22 13	1 0	3 14	0 43	18 46	0 1	10 31	16 55	21 18	21 32	1 54	13 51	2 39
W10	11 11	21 50	1 15	7 13	0 38	13 40	1 21	19 55	0 52	16 0	1 12	22 14	1 0	3 13	0 43	18 47	0 1	10 31	16 54	21 18	21 33	1 52	13 51	2 38
T 11	10 50	21 18	0 0	6 21	0 28	13 15	1 22	20 1	0 51	16 1	1 12	22 14	1 0	3 11	0 43	18 47	0 1	10 30	16 54	21 18	21 33	1 49	13 52	2 38
F 12	10 28	19 24	1s16	5 29	0 17	12 49	1 22	20 8	0 50	16 1	1 12	22 14	1 0	3 10	0 43	18 47	0 1	10 29	16 54	21 18	21 34	1 47	13 52	2 38
S 13	10 6	16 12	2 30	4 38	0 5	12 23	1 23	20 15	0 50	16 1	1 13	22 14	1 0	3 9	0 43	18 48	0 1	10 29	16 54	21 18	21 34	1 44	13 53	2 38
S 14	9 44	11 53	3 35	3 46	0n 7	11 57	1 24	20 21	0 49	16 2	1 13	22 14	0 59	3 7	0 43	18 48	0 1	10 28	16 53	21 19	21 35	1 42	13 54	2 38
M15	9 22	6 48	4 25	2 56	0 20	11 30	1 24	20 28	0 48	16 2	1 13	22 15	0 59	3 6	0 43	18 49	0 1	10 27	16 53	21 20	21 35	1 40	13 54	2 38
T 16	9 0	1 17	4 57	2 6	0 33	11 3	1 25	20 34	0 47	16 2	1 13	22 15	0 59	3 5	0 43	18 49	0 1	10 27	16 53	21 21	21 36	1 37	13 55	2 38
W17	8 37	4n14	5 9	1 18	0 47	10 36	1 25	20 40	0 47	16 2	1 13	22 15	0 59	3 3	0 43	18 49	0 1	10 26	16 53	21 22	21 36	1 35	13 56	2 38
T 18	8 15	9 25	5 0	0 31	1 1	10 8	1 25	20 46	0 46	16 2	1 13	22 15	0 59	3 2	0 43	18 50	0 1	10 25	16 53	21 23	21 37	1 32	13 56	2 38
F 19	7 52	13 57	4 32	0n14	1 15	9 40	1 26	20 52	0 45	16 3	1 14	22 16	0 58	3 1	0 43	18 50	0 1	10 25	16 52	21 24	21 37	1 30	13 57	2 38
S 20	7 29	17 36	3 49	0 56	1 29	9 12	1 26	20 58	0 44	16 3	1 14	22 16	0 58	2 59	0 43	18 50	0 1	10 24	16 52	21 24	21 38	1 27	13 58	2 38
S 21	7 7	20 11	2 54	1 36	1 43	8 44	1 26	21 3	0 43	16 2	1 14	22 16	0 58	2 58	0 43	18 51	0 1	10 24	16 52	21 24	21 38	1 25	13 59	2 38
M22	6 44	21 36	1 52	2 13	1 56	8 15	1 26	21 9	0 42	16 2	1 14	22 16	0 58	2 57	0 43	18 51	0 1	10 23	16 52	21 24	21 39	1 23	13 59	2 38
T 23	6 21	21 51	0 45	2 46	2 10	7 47	1 26	21 14	0 41	16 2	1 14	22 17	0 58	2 55	0 43	18 51	0 1	10 22	16 52	21 24	21 39	1 20	14 0	2 38
W24	5 57	20 59	0n23	3 16	2 23	7 17	1 26	21 20	0 40	16 2	1 14	22 17	0 57	2 54	0 43	18 52	0 1	10 22	16 52	21 24	21 40	1 18	14 1	2 38
T 25	5 34	19 5	1 28	3 42	2 35	6 48	1 26	21 25	0 39	16 2	1 15	22 17	0 57	2 53	0 43	18 52	0 1	10 21	16 51	21 24	21 40	1 15	14 2	2 38
F 26	5 11	16 21	2 28	4 4	2 46	6 19	1 26	21 30	0 39	16 1	1 15	22 18	0 57	2 51	0 43	18 52	0 1	10 20	16 51	21 25	21 41	1 13	14 3	2 37
S 27	4 48	12 56	3 21	4 22	2 57	5 49	1 25	21 35	0 38	16 1	1 15	22 18	0 57	2 50	0 43	18 52	0 1	10 20	16 51	21 26	21 41	1 10	14 4	2 37
S 28	4s24	9n 2	4n 4	4n36	3n 6	5s20	1s25	21s40	0n37	16s 1	1n15	22n18	0s57	2s49	0s43	18n53	0s 1	10s19	16s51	21n27	21n42	1n 8	14n 4	2s37

Julian Day Number = 2302201.5, Delta T = 101.60 sec
Ecliptic obliquity = 23°29'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'02, Lahiri = 18°09'02 Julian Calendar 1 Feb. 1591 == Greg. Calendar 11 Feb. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

MARCH 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 12 8	19♓53'14	28♍35	4°R26	21♓ 6	12♐26	17°R55	21♊58	24♓39	5°R41	13♈ 9	23°R16	21♋54	8♎51	15♉47	M 1
T 2	11 16 5	20°52'54	10♎29	4♈21	22°21	12°55	17♏54	22° 0	24°43	5♌39	13°11	23♋ 4	21°50	8°58	15°49	T 2
W 3	11 20 1	21°52'33	22°21	4° 8	23°35	13°24	17°52	22° 2	24°46	5°38	13°12	22°53	21°47	9° 5	15°52	W 3
T 4	11 23 58	22°52'09	4♏14	3°47	24°50	13°52	17°50	22° 4	24°49	5°37	13°13	22°43	21°44	9°11	15°55	T 4
F 5	11 27 54	23°51'44	16°10	3°19	26° 5	14°20	17°48	22° 6	24°53	5°36	13°15	22°34	21°41	9°18	15°58	F 5
S 6	11 31 51	24°51'17	28°13	2°45	27°19	14°49	17°46	22° 9	24°56	5°35	13°16	22°28	21°38	9°25	16° 2	S 6
S 7	11 35 48	25°50'48	10♐26	2° 6	28°34	15°17	17°44	22°11	25° 0	5°34	13°18	22°25	21°34	9°32	16° 5	S 7
M 8	11 39 44	26°50'17	22°54	1°21	29°49	15°44	17°42	22°14	25° 3	5°33	13°19	22°D24	21°31	9°38	16° 8	M 8
T 9	11 43 41	27°49'45	5♑40	0°33	1♈ 3	16°12	17°39	22°16	25° 7	5°32	13°20	22°24	21°28	9°45	16°11	T 9
W10	11 47 37	28°49'11	18°51	29♓43	2°18	16°39	17°36	22°19	25°10	5°32	13°22	22°R24	21°25	9°52	16°14	W10
T 11	11 51 34	29°48'35	2♒28	28°51	3°32	17° 6	17°33	22°22	25°13	5°31	13°23	22°24	21°22	9°58	16°18	T 11
F 12	11 55 30	0♈47'57	16°34	27°59	4°47	17°33	17°30	22°25	25°17	5°30	13°24	22°22	21°19	10° 5	16°21	F 12
S 13	11 59 27	1°47'18	1♓ 9	27° 7	6° 2	18° 0	17°27	22°28	25°20	5°29	13°26	22°17	21°15	10°12	16°24	S 13
S 14	12 3 23	2°46'36	16° 8	26°17	7°16	18°26	17°23	22°31	25°24	5°28	13°27	22°10	21°12	10°19	16°28	S 14
M15	12 7 20	3°45'53	1♈22	25°30	8°31	18°52	17°20	22°35	25°27	5°28	13°29	22° 0	21° 9	10°25	16°31	M15
T 16	12 11 17	4°45'07	16°42	24°46	9°45	19°18	17°16	22°38	25°30	5°27	13°30	21°50	21° 6	10°32	16°35	T 16
W17	12 15 13	5°44'19	1♉56	24° 6	10°59	19°44	17°12	22°42	25°34	5°26	13°31	21°39	21° 3	10°39	16°39	W17
T 18	12 19 10	6°43'29	16°53	23°30	12°14	20° 9	17° 8	22°45	25°37	5°26	13°33	21°30	21° 0	10°46	16°42	T 18
F 19	12 23 6	7°42'37	1♊26	23° 0	13°28	20°34	17° 3	22°49	25°41	5°25	13°34	21°24	20°56	10°52	16°46	F 19
S 20	12 27 3	8°41'43	15°30	22°34	14°43	20°59	16°59	22°53	25°44	5°24	13°36	21°19	20°53	10°59	16°49	S 20
S 21	12 30 59	9°40'46	29° 6	22°14	15°57	21°23	16°54	22°57	25°47	5°24	13°37	21°18	20°50	11° 6	16°53	S 21
M22	12 34 56	10°39'47	12♋14	22° 0	17°11	21°47	16°50	23° 1	25°51	5°23	13°39	21°D17	20°47	11°12	16°57	M22
T 23	12 38 52	11°38'46	25° 0	21°51	18°26	22°11	16°45	23° 5	25°54	5°23	13°40	21°R17	20°44	11°19	17° 1	T 23
W24	12 42 49	12°37'42	7♌28	21°D48	19°40	22°35	16°40	23° 9	25°57	5°22	13°41	21°17	20°40	11°26	17° 4	W24
T 25	12 46 46	13°36'36	19°41	21°49	20°54	22°58	16°34	23°13	26° 1	5°22	13°43	21°14	20°37	11°33	17° 8	T 25
F 26	12 50 42	14°35'28	1♍44	21°57	22° 9	23°21	16°29	23°17	26° 4	5°22	13°44	21° 8	20°34	11°39	17°12	F 26
S 27	12 54 39	15°34'17	13°42	22° 9	23°23	23°44	16°23	23°22	26° 7	5°21	13°46	21° 0	20°31	11°46	17°16	S 27
S 28	12 58 35	16°33'04	25°35	22°26	24°37	24° 6	16°18	23°26	26°11	5°21	13°47	20°49	20°28	11°53	17°20	S 28
M29	13 2 32	17°31'50	7♎27	22°48	25°51	24°28	16°12	23°31	26°14	5°21	13°49	20°36	20°25	11°59	17°24	M29
T 30	13 6 28	18°30'33	19°20	23°15	27° 5	24°50	16° 6	23°35	26°17	5°20	13°50	20°22	20°21	12° 6	17°28	T 30
W31	13 10 25	19♈29'14	1♏14	23♓46	28♈20	25♐11	16♏ 0	23♊40	26♓20	5♌20	13♈51	20♋ 7	20♋18	12♎13	17♉32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s 1	4n47	4n37	4n45	3n15	4s50	1s25	21s45	0n35	16s 0	1n15	22n19	0s56	2s47	0s43	18n53	0s 1	10s18	16s51	21n29	21n42	1n 5	14n 5	2s37
T 2	3 37	0 23	4 57	4 49	3 22	4 20	1 24	21 50	0 34	16 0	1 15	22 19	0 56	2 46	0 43	18 53	0 1	10 18	16 51	21 31	21 43	1 3	14 6	2 37
W 3	3 14	4s 1	5 4	4 49	3 27	3 50	1 24	21 54	0 33	15 59	1 15	22 19	0 56	2 44	0 43	18 54	0 1	10 17	16 50	21 33	21 43	1 0	14 7	2 37
T 4	2 50	8 17	4 58	4 44	3 31	3 20	1 23	21 59	0 32	15 59	1 16	22 19	0 56	2 43	0 43	18 54	0 1	10 17	16 50	21 34	21 44	0 58	14 8	2 37
F 5	2 27	12 16	4 39	4 35	3 33	2 49	1 22	22 3	0 31	15 58	1 16	22 20	0 56	2 42	0 43	18 54	0 1	10 16	16 50	21 36	21 44	0 56	14 9	2 37
S 6	2 3	15 47	4 7	4 22	3 33	2 19	1 22	22 8	0 30	15 57	1 16	22 20	0 55	2 40	0 43	18 54	0 1	10 15	16 50	21 37	21 45	0 53	14 10	2 37
S 7	1 39	18 42	3 24	4 4	3 32	1 49	1 21	22 12	0 29	15 56	1 16	22 20	0 55	2 39	0 43	18 55	0 0	10 15	16 50	21 37	21 45	0 51	14 11	2 37
M 8	1 16	20 48	2 30	3 43	3 28	1 18	1 20	22 16	0 28	15 56	1 16	22 21	0 55	2 38	0 43	18 55	0 0	10 14	16 50	21 38	21 46	0 48	14 12	2 37
T 9	0 52	21 54	1 28	3 20	3 23	0 48	1 19	22 20	0 26	15 55	1 16	22 21	0 55	2 36	0 43	18 55	0 0	10 13	16 50	21 38	21 46	0 46	14 13	2 37
W10	0 28	21 51	0 19	2 53	3 16	0 17	1 18	22 24	0 25	15 54	1 16	22 22	0 55	2 35	0 43	18 55	0 0	10 13	16 50	21 38	21 47	0 43	14 14	2 37
T 11	0 5	20 31	0s53	2 24	3 7	0n14	1 17	22 28	0 24	15 53	1 17	22 22	0 54	2 34	0 43	18 56	0 0	10 12	16 50	21 38	21 47	0 41	14 15	2 37
F 12	0n19	17 53	2 5	1 54	2 57	0 44	1 16	22 32	0 23	15 52	1 17	22 22	0 54	2 32	0 43	18 56	0 0	10 12	16 49	21 38	21 48	0 38	14 16	2 37
S 13	0 43	14 3	3 10	1 23	2 45	1 15	1 15	22 36	0 21	15 51	1 17	22 23	0 54	2 31	0 43	18 56	0 0	10 11	16 49	21 39	21 48	0 36	14 17	2 37
S 14	1 6	9 14	4 5	0 51	2 33	1 45	1 14	22 39	0 20	15 50	1 17	22 23	0 54	2 29	0 43	18 56	0 0	10 10	16 49	21 40	21 49	0 33	14 18	2 37
M15	1 30	3 46	4 42	0 20	2 19	2 16	1 13	22 43	0 18	15 49	1 17	22 23	0 54	2 28	0 43	18 56	0 0	10 10	16 49	21 41	21 49	0 31	14 19	2 37
T 16	1 54	1n57	5 0	0s11	2 4	2 46	1 12	22 47	0 17	15 47	1 17	22 24	0 54	2 27	0 43	18 57	0 0	10 9	16 49	21 43	21 50	0 28	14 20	2 37
W17	2 17	7 32	4 57	0 41	1 49	3 17	1 10	22 50	0 16	15 46	1 17	22 24	0 53	2 25	0 43	18 57	0 0	10 9	16 49	21 45	21 50	0 26	14 21	2 37
T 18	2 41	12 33	4 33	1 9	1 33	3 47	1 9	22 53	0 14	15 45	1 17	22 24	0 53	2 24	0 43	18 57	0 0	10 8	16 49	21 46	21 51	0 23	14 22	2 37
F 19	3 4	16 43	3 52	1 36	1 17	4 18	1 7	22 57	0 13	15 44	1 18	22 25	0 53	2 23	0 43	18 57	0 0	10 8	16 49	21 47	21 51	0 21	14 23	2 37
S 20	3 27	19 46	2 57	2 1	1 1	4 48	1 6	23 0	0 11	15 42	1 18	22 25	0 53	2 21	0 43	18 57	0 0	10 7	16 49	21 48	21 52	0 19	14 24	2 37
S 21	3 51	21 35	1 55	2 23	0 45	5 18	1 4	23 3	0 10	15 41	1 18	22 26	0 53	2 20	0 43	18 57	0 0	10 6	16 49	21 48	21 52	0 16	14 25	2 37
M22	4 14	22 8	0 48	2 43	0 30	5 48	1 3	23 6	0 8	15 39	1 18	22 26	0 52	2 19	0 43	18 58	0 0	10 6	16 49	21 48	21 53	0 14	14 26	2 37
T 23	4 37	21 30	0n20	3 1	0 14	6 18	1 1	23 9	0 6	15 38	1 18	22 26	0 52	2 17	0 43	18 58	0 0	10 5	16 49	21 48	21 53	0 11	14 27	2 37
W24	5 0	19 48	1 24	3 16	0s 1	6 48	0 59	23 12	0 5	15 36	1 18	22 27	0 52	2 16	0 43	18 58	0 0	10 5	16 49	21 48	21 54	0 9	14 28	2 37
T 25	5 23	17 13	2 24	3 29	0 15	7 17	0 58	23 15	0 3	15 35	1 18	22 27	0 52	2 15	0 43	18 58	0 0	10 4	16 49	21 49	21 54	0 6	14 29	2 37
F 26	5 46	13 56	3 16	3 39	0 29	7 47	0 56	23 18	0 1	15 33	1 18	22 28	0 52	2 13	0 43	18 58	0 0	10 4	16 49	21 50	21 55	0 4	14 30	2 37
S 27	6 9	10 6	3 59	3 46	0 42	8 16	0 54	23 21	0s 1	15 32	1 18	22 28	0 52	2 12	0 43	18 58	0 0	10 3	16 49	21 51	21 55	0 1	14 31	2 37
S 28	6 31	5 54	4 31	3 51	0 55	8 45	0 52	23 24	0 2	15 30	1 18	22 28	0 51	2 11	0 43	18 58	0 0	10 3	16 49	21 53	21 56	0s 1	14 32	2 37
M29	6 54	1 30	4 52	3 54	1 7	9 14	0 50	23 27	0 4	15 28	1 18	22 29	0 51	2 10	0 43	18 58	0 0	10 2	16 49	21 55	21 56	0 4	14 33	2 37
T 30	7 16	2s58	4 59	3 54	1 19	9 42	0 48	23 29	0 6	15 26	1 18	22 29	0 51	2 8	0 43	18 58	0 0	10 2	16 49	21 57	21 57	0 6	14 35	2 37
W31	7n39	7s20	4n54	3s51	1s30	10n11	0s46	23s32	0s 8	15s25	1n18	22n30	0s51	2s 7	0s43	18n58	0s 0	10s 1	16s49	21n59	21n57	0s 9	14n36	2s37

Julian Day Number = 2302229.5, Delta T = 101.48 sec
Ecliptic obliquity = 23°29'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'06, Lahiri = 18°09'06 Julian Calendar 1 March 1591 == Greg. Calendar 11 March 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

APRIL 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 21	20♈27'53	13♏12	24♓20	29♈34	25♐32	15°R54	23♊45	26♓24	5°R20	13♈53	19°R54	20♋15	12♎20	17♉36	T 1
F 2	13 18 18	21°26'30	25°13	24°59	0♉48	25°52	15♏48	23°50	26°27	5♌20	13°54	19♋43	20°12	12°26	17°40	F 2
S 3	13 22 15	22°25'06	7♐22	25°42	2° 2	26°12	15°41	23°55	26°30	5°20	13°56	19°35	20° 9	12°33	17°44	S 3
S 4	13 26 11	23°23'40	19°39	26°28	3°16	26°32	15°35	24° 0	26°33	5°20	13°57	19°30	20° 6	12°40	17°48	S 4
M 5	13 30 8	24°22'12	2♑ 9	27°18	4°30	26°51	15°28	24° 5	26°36	5°19	13°58	19°27	20° 2	12°46	17°52	M 5
T 6	13 34 4	25°20'43	14°55	28°11	5°44	27°10	15°21	24°10	26°39	5°D19	14° 0	19°27	19°59	12°53	17°57	T 6
W 7	13 38 1	26°19'12	28° 1	29° 7	6°58	27°29	15°15	24°16	26°42	5°19	14° 1	19°27	19°56	13° 0	18° 1	W 7
T 8	13 41 57	27°17'39	11♒31	0♈ 6	8°12	27°47	15° 8	24°21	26°45	5°19	14° 3	19°26	19°53	13° 7	18° 5	T 8
F 9	13 45 54	28°16'05	25°27	1° 8	9°26	28° 5	15° 1	24°26	26°49	5°20	14° 4	19°24	19°50	13°13	18° 9	F 9
S 10	13 49 50	29°14'29	9♓50	2°12	10°40	28°22	14°54	24°32	26°52	5°20	14° 5	19°19	19°46	13°20	18°13	S 10
S 11	13 53 47	0♉12'51	24°37	3°20	11°54	28°38	14°47	24°38	26°55	5°20	14° 7	19°12	19°43	13°27	18°18	S 11
M12	13 57 44	1°11'12	9♈43	4°30	13° 8	28°55	14°39	24°43	26°58	5°20	14° 8	19° 3	19°40	13°34	18°22	M12
T 13	14 1 40	2° 9'31	24°59	5°42	14°22	29°10	14°32	24°49	27° 1	5°20	14°10	18°52	19°37	13°40	18°26	T 13
W14	14 5 37	3° 7'49	10♉13	6°56	15°35	29°26	14°25	24°55	27° 3	5°20	14°11	18°42	19°34	13°47	18°31	W14
T 15	14 9 33	4° 6'04	25°14	8°13	16°49	29°40	14°17	25° 1	27° 6	5°21	14°12	18°33	19°31	13°54	18°35	T 15
F 16	14 13 30	5° 4'18	9♊54	9°32	18° 3	29°54	14°10	25° 6	27° 9	5°21	14°14	18°25	19°27	14° 0	18°39	F 16
S 17	14 17 26	6° 2'30	24° 7	10°54	19°17	0♑ 8	14° 3	25°12	27°12	5°21	14°15	18°21	19°24	14° 7	18°44	S 17
S 18	14 21 23	7° 0'40	7♋51	12°17	20°31	0°21	13°55	25°19	27°15	5°22	14°16	18°19	19°21	14°14	18°48	S 18
M19	14 25 19	7°58'48	21° 6	13°43	21°44	0°34	13°48	25°25	27°18	5°22	14°18	18°D19	19°18	14°21	18°52	M19
T 20	14 29 16	8°56'54	3♌55	15°11	22°58	0°46	13°40	25°31	27°21	5°22	14°19	18°R19	19°15	14°27	18°57	T 20
W21	14 33 13	9°54'58	16°24	16°40	24°12	0°57	13°32	25°37	27°23	5°23	14°20	18°19	19°11	14°34	19° 1	W21
T 22	14 37 9	10°52'59	28°37	18°12	25°25	1° 8	13°25	25°43	27°26	5°23	14°22	18°17	19° 8	14°41	19° 6	T 22
F 23	14 41 6	11°50'59	10♍38	19°46	26°39	1°18	13°17	25°50	27°29	5°24	14°23	18°13	19° 5	14°48	19°10	F 23
S 24	14 45 2	12°48'58	22°33	21°22	27°53	1°28	13° 9	25°56	27°31	5°25	14°24	18° 7	19° 2	14°54	19°14	S 24
S 25	14 48 59	13°46'54	4♎24	23° 0	29° 6	1°37	13° 2	26° 3	27°34	5°25	14°25	17°59	18°59	15° 1	19°19	S 25
M26	14 52 55	14°44'48	16°16	24°40	0♊20	1°45	12°54	26° 9	27°37	5°26	14°27	17°48	18°56	15° 8	19°23	M26
T 27	14 56 52	15°42'41	28°10	26°22	1°33	1°53	12°47	26°16	27°39	5°26	14°28	17°37	18°52	15°14	19°28	T 27
W28	15 0 48	16°40'33	10♏ 9	28° 5	2°47	2° 0	12°39	26°22	27°42	5°27	14°29	17°25	18°49	15°21	19°32	W28
T 29	15 4 45	17°38'23	22°14	29°51	4° 0	2° 6	12°31	26°29	27°44	5°28	14°30	17°15	18°46	15°28	19°37	T 29
F 30	15 8 41	18♉36'11	4♐25	1♉39	5♊14	2♑12	12♏24	26♊36	27♓47	5♌29	14♈32	17♋ 6	18♋43	15♎35	19♉41	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 1	11s27	4n35	3s47	1s40	10n39	0s44	23s35	0s10	15s23	1n19	22n30	0s51	2s 6	0s43	18n58	0s 0	10s 0	16s49	22n 1	21n58	0s11	14n37	2s37
F 2	8 23	15 9	4 5	3 40	1 49	11 7	0 42	23 38	0 12	15 21	1 19	22 30	0 51	2 4	0 43	18 59	0 0	10 0	16 49	22 2	21 58	0 14	14 38	2 37
S 3	8 45	18 15	3 22	3 31	1 58	11 35	0 40	23 40	0 14	15 19	1 19	22 31	0 50	2 3	0 43	18 59	0 0	9 59	16 49	22 3	21 59	0 16	14 39	2 37
S 4	9 6	20 35	2 30	3 20	2 6	12 2	0 38	23 43	0 16	15 17	1 19	22 31	0 50	2 2	0 43	18 59	0 0	9 59	16 49	22 4	21 59	0 19	14 40	2 37
M 5	9 28	21 58	1 30	3 7	2 13	12 29	0 36	23 45	0 18	15 15	1 19	22 32	0 50	2 1	0 43	18 59	0 0	9 59	16 49	22 5	22 0	0 21	14 41	2 37
T 6	9 49	22 16	0 24	2 52	2 20	12 56	0 34	23 48	0 20	15 13	1 19	22 32	0 50	2 0	0 43	18 59	0 0	9 58	16 49	22 5	22 0	0 24	14 42	2 37
W 7	10 11	21 21	0s45	2 35	2 26	13 22	0 31	23 51	0 23	15 11	1 19	22 32	0 50	1 58	0 43	18 59	0 0	9 58	16 49	22 5	22 0	0 26	14 43	2 37
T 8	10 32	19 11	1 54	2 17	2 32	13 49	0 29	23 53	0 25	15 9	1 19	22 33	0 50	1 57	0 43	18 59	0 0	9 57	16 49	22 5	22 1	0 29	14 45	2 37
F 9	10 53	15 51	2 58	1 56	2 36	14 14	0 27	23 56	0 27	15 7	1 19	22 33	0 49	1 56	0 43	18 59	0 0	9 57	16 49	22 5	22 1	0 31	14 46	2 37
S 10	11 14	11 30	3 53	1 34	2 40	14 40	0 25	23 58	0 30	15 5	1 19	22 34	0 49	1 55	0 43	18 59	0 0	9 56	16 49	22 6	22 2	0 34	14 47	2 37
S 11	11 34	6 20	4 34	1 11	2 44	15 5	0 22	24 1	0 32	15 3	1 19	22 34	0 49	1 54	0 43	18 59	0 0	9 56	16 50	22 7	22 2	0 36	14 48	2 37
M12	11 55	0 41	4 57	0 46	2 47	15 30	0 20	24 4	0 34	15 1	1 19	22 34	0 49	1 52	0 43	18 59	0 0	9 55	16 50	22 8	22 3	0 39	14 49	2 37
T 13	12 15	5n 3	4 59	0 19	2 49	15 54	0 17	24 6	0 37	14 59	1 19	22 35	0 49	1 51	0 43	18 59	0 0	9 55	16 50	22 10	22 3	0 41	14 50	2 37
W14	12 35	10 29	4 40	0n 9	2 51	16 18	0 15	24 9	0 39	14 57	1 19	22 35	0 49	1 50	0 43	18 58	0 0	9 55	16 50	22 11	22 4	0 44	14 51	2 37
T 15	12 55	15 12	4 2	0 38	2 52	16 42	0 13	24 11	0 42	14 55	1 19	22 35	0 48	1 49	0 43	18 58	0 0	9 54	16 50	22 12	22 4	0 46	14 53	2 37
F 16	13 14	18 53	3 8	1 9	2 52	17 5	0 10	24 14	0 45	14 52	1 19	22 36	0 48	1 48	0 43	18 58	0 0	9 54	16 50	22 13	22 5	0 49	14 54	2 37
S 17	13 34	21 17	2 5	1 41	2 52	17 28	0 8	24 17	0 47	14 50	1 19	22 36	0 48	1 47	0 43	18 58	0 0	9 53	16 50	22 14	22 5	0 51	14 55	2 37
S 18	13 53	22 20	0 55	2 15	2 51	17 50	0 5	24 20	0 50	14 48	1 19	22 37	0 48	1 46	0 43	18 58	0 0	9 53	16 50	22 14	22 6	0 54	14 56	2 37
M19	14 12	22 5	0n15	2 49	2 50	18 12	0 3	24 22	0 53	14 46	1 19	22 37	0 48	1 44	0 43	18 58	0n 0	9 53	16 50	22 14	22 6	0 56	14 57	2 37
T 20	14 31	20 39	1 22	3 25	2 48	18 33	0 0	24 25	0 56	14 44	1 19	22 37	0 48	1 43	0 43	18 58	0 0	9 52	16 51	22 14	22 6	0 59	14 58	2 37
W21	14 49	18 14	2 23	4 2	2 45	18 54	0n 2	24 28	0 59	14 41	1 18	22 38	0 48	1 42	0 43	18 58	0 0	9 52	16 51	22 14	22 7	1 1	14 59	2 37
T 22	15 7	15 3	3 17	4 39	2 42	19 14	0 5	24 31	1 2	14 39	1 18	22 38	0 47	1 41	0 43	18 58	0 0	9 51	16 51	22 14	22 7	1 4	15 0	2 37
F 23	15 25	11 18	4 1	5 18	2 38	19 34	0 7	24 34	1 5	14 37	1 18	22 38	0 47	1 40	0 43	18 58	0 0	9 51	16 51	22 15	22 8	1 6	15 2	2 38
S 24	15 43	7 9	4 34	5 58	2 34	19 53	0 10	24 37	1 8	14 35	1 18	22 39	0 47	1 39	0 43	18 58	0 0	9 51	16 51	22 16	22 8	1 9	15 3	2 38
S 25	16 1	2 45	4 54	6 39	2 30	20 12	0 12	24 40	1 11	14 32	1 18	22 39	0 47	1 38	0 43	18 57	0 0	9 50	16 51	22 17	22 9	1 12	15 4	2 38
M26	16 18	1s45	5 3	7 20	2 24	20 30	0 15	24 43	1 14	14 30	1 18	22 39	0 47	1 37	0 43	18 57	0 0	9 50	16 52	22 18	22 9	1 14	15 5	2 38
T 27	16 35	6 13	4 58	8 2	2 19	20 48	0 17	24 46	1 17	14 28	1 18	22 40	0 47	1 36	0 44	18 57	0 0	9 50	16 52	22 20	22 10	1 17	15 6	2 38
W28	16 51	10 28	4 40	8 45	2 12	21 5	0 20	24 49	1 20	14 26	1 18	22 40	0 47	1 35	0 44	18 57	0 0	9 50	16 52	22 21	22 10	1 19	15 7	2 38
T 29	17 8	14 21	4 9	9 29	2 6	21 22	0 22	24 52	1 24	14 24	1 18	22 40	0 46	1 34	0 44	18 57	0 0	9 49	16 52	22 23	22 10	1 22	15 8	2 38
F 30	17n24	17s41	3n27	10n13	1s58	21n38	0n25	24s55	1s27	14s21	1n18	22n41	0s46	1s33	0s44	18n57	0n 0	9s49	16s52	22n24	22n11	1s24	15n 9	2s38

Julian Day Number = 2302260.5, Delta T = 101.35 sec
Ecliptic obliquity = 23°29'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'10, Lahiri = 18°09'10 Julian Calendar 1 Apr. 1591 == Greg. Calendar 11 Apr. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

MAY 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 12 38	19♉33'58	16♐44	3♉29	6♊27	2♑17	12°R16	26♊42	27♓49	5♌29	14♈33	17°R 0	18♋40	15♎41	19♉45	S 1
S 2	15 16 35	20°31'44	29°14	5°21	7°41	2°22	12♏ 9	26°49	27°51	5°30	14°34	16♋56	18°37	15°48	19°50	S 2
M 3	15 20 31	21°29'28	11♑54	7°15	8°54	2°25	12° 1	26°56	27°54	5°31	14°35	16°D54	18°33	15°55	19°54	M 3
T 4	15 24 28	22°27'12	24°48	9°11	10° 8	2°28	11°54	27° 3	27°56	5°32	14°36	16°54	18°30	16° 1	19°59	T 4
W 5	15 28 24	23°24'54	7♒59	11° 9	11°21	2°31	11°46	27°10	27°58	5°33	14°38	16°55	18°27	16° 8	20° 3	W 5
T 6	15 32 21	24°22'35	21°28	13° 8	12°34	2°32	11°39	27°17	28° 1	5°34	14°39	16°R56	18°24	16°15	20° 8	T 6
F 7	15 36 17	25°20'15	5♓18	15°10	13°48	2°33	11°32	27°24	28° 3	5°35	14°40	16°55	18°21	16°22	20°12	F 7
S 8	15 40 14	26°17'54	19°30	17°13	15° 1	2°R33	11°24	27°31	28° 5	5°36	14°41	16°53	18°17	16°28	20°17	S 8
S 9	15 44 10	27°15'32	4♈ 1	19°18	16°14	2°32	11°17	27°38	28° 7	5°37	14°42	16°49	18°14	16°35	20°21	S 9
M10	15 48 7	28°13'09	18°48	21°25	17°28	2°31	11°10	27°45	28° 9	5°38	14°43	16°43	18°11	16°42	20°25	M10
T 11	15 52 4	29°10'45	3♉45	23°33	18°41	2°29	11° 3	27°52	28°11	5°39	14°44	16°36	18° 8	16°49	20°30	T 11
W12	15 56 0	0♊ 8'21	18°42	25°42	19°54	2°26	10°56	28° 0	28°13	5°40	14°45	16°29	18° 5	16°55	20°34	W12
T 13	15 59 57	1° 5'55	3♊32	27°52	21° 7	2°22	10°50	28° 7	28°15	5°41	14°46	16°23	18° 2	17° 2	20°39	T 13
F 14	16 3 53	2° 3'28	18° 5	0♊ 3	22°20	2°18	10°43	28°14	28°17	5°42	14°47	16°18	17°58	17° 9	20°43	F 14
S 15	16 7 50	3° 1'00	2♋15	2°15	23°34	2°12	10°36	28°22	28°19	5°43	14°48	16°16	17°55	17°15	20°48	S 15
S 16	16 11 46	3°58'30	16° 0	4°27	24°47	2° 6	10°30	28°29	28°21	5°45	14°49	16°D15	17°52	17°22	20°52	S 16
M17	16 15 43	4°56'00	29°19	6°39	26° 0	2° 0	10°23	28°36	28°23	5°46	14°50	16°15	17°49	17°29	20°56	M17
T 18	16 19 40	5°53'28	12♌13	8°51	27°13	1°52	10°17	28°44	28°25	5°47	14°51	16°17	17°46	17°36	21° 1	T 18
W19	16 23 36	6°50'54	24°46	11° 2	28°26	1°44	10°11	28°51	28°26	5°49	14°52	16°18	17°43	17°42	21° 5	W19
T 20	16 27 33	7°48'20	7♍ 1	13°13	29°39	1°35	10° 5	28°59	28°28	5°50	14°53	16°R19	17°39	17°49	21° 9	T 20
F 21	16 31 29	8°45'44	19° 5	15°22	0♋52	1°25	9°59	29° 6	28°30	5°51	14°54	16°18	17°36	17°56	21°14	F 21
S 22	16 35 26	9°43'07	1♎ 0	17°30	2° 5	1°15	9°53	29°14	28°31	5°53	14°55	16°16	17°33	18° 3	21°18	S 22
S 23	16 39 22	10°40'29	12°53	19°37	3°18	1° 4	9°47	29°21	28°33	5°54	14°56	16°12	17°30	18° 9	21°22	S 23
M24	16 43 19	11°37'50	24°46	21°42	4°31	0°52	9°42	29°29	28°34	5°55	14°57	16° 7	17°27	18°16	21°26	M24
T 25	16 47 15	12°35'10	6♏43	23°45	5°44	0°40	9°36	29°36	28°36	5°57	14°58	16° 2	17°23	18°23	21°31	T 25
W26	16 51 12	13°32'29	18°48	25°47	6°57	0°27	9°31	29°44	28°37	5°58	14°59	15°56	17°20	18°29	21°35	W26
T 27	16 55 8	14°29'47	1♐ 1	27°46	8° 9	0°13	9°26	29°52	28°39	6° 0	14°59	15°51	17°17	18°36	21°39	T 27
F 28	16 59 5	15°27'05	13°24	29°43	9°22	29♐59	9°21	29°59	28°40	6° 1	15° 0	15°47	17°14	18°43	21°43	F 28
S 29	17 3 2	16°24'22	25°59	1♋38	10°35	29°45	9°16	0♋ 7	28°41	6° 3	15° 1	15°44	17°11	18°50	21°48	S 29
S 30	17 6 58	17°21'38	8♑46	3°31	11°48	29°30	9°11	0°15	28°43	6° 5	15° 2	15°42	17° 8	18°56	21°52	S 30
M31	17 10 55	18♊18'54	21♑46	5♋21	13♋ 0	29♐14	9♏ 6	0♋22	28♓44	6♌ 6	15♈ 3	15°D42	17♋ 4	19♎ 3	21♉56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n40	20s17	2n34	10n58	1s51	21n53	0n27	24s59	1s30	14s19	1n18	22n41	0s46	1s32	0s44	18n56	0n 0	9s49	16s52	22n25	22n11	1s27	15n10	2s38
S 2	17 55	21 56	1 33	11 43	1 43	22 8	0 30	25 2	1 34	14 17	1 18	22 41	0 46	1 31	0 44	18 56	0 0	9 48	16 53	22 25	22 12	1 29	15 12	2 38
M 3	18 11	22 31	0 27	12 29	1 34	22 22	0 32	25 6	1 37	14 15	1 17	22 41	0 46	1 30	0 44	18 56	0 0	9 48	16 53	22 25	22 12	1 32	15 13	2 38
T 4	18 25	21 54	0s42	13 14	1 25	22 35	0 35	25 9	1 41	14 13	1 17	22 42	0 46	1 29	0 44	18 56	0 0	9 48	16 53	22 25	22 13	1 34	15 14	2 38
W 5	18 40	20 6	1 51	14 0	1 16	22 48	0 37	25 13	1 45	14 11	1 17	22 42	0 46	1 29	0 44	18 56	0 0	9 48	16 53	22 25	22 13	1 37	15 15	2 39
T 6	18 54	17 8	2 55	14 46	1 6	23 0	0 39	25 16	1 48	14 8	1 17	22 42	0 46	1 28	0 44	18 55	0 0	9 47	16 54	22 25	22 13	1 39	15 16	2 39
F 7	19 8	13 9	3 50	15 31	0 56	23 12	0 42	25 20	1 52	14 6	1 17	22 43	0 45	1 27	0 44	18 55	0 0	9 47	16 54	22 25	22 14	1 42	15 17	2 39
S 8	19 22	8 21	4 33	16 17	0 46	23 23	0 44	25 24	1 56	14 4	1 17	22 43	0 45	1 26	0 44	18 55	0 0	9 47	16 54	22 25	22 14	1 44	15 18	2 39
S 9	19 35	2 59	5 0	17 1	0 36	23 33	0 47	25 28	2 0	14 2	1 17	22 43	0 45	1 25	0 44	18 55	0 0	9 47	16 54	22 26	22 15	1 47	15 19	2 39
M10	19 48	2n39	5 7	17 45	0 25	23 43	0 49	25 32	2 3	14 0	1 16	22 43	0 45	1 24	0 44	18 55	0 0	9 47	16 54	22 27	22 15	1 49	15 20	2 39
T 11	20 1	8 11	4 54	18 28	0 15	23 51	0 51	25 35	2 7	13 58	1 16	22 44	0 45	1 24	0 44	18 54	0 0	9 46	16 55	22 27	22 16	1 52	15 21	2 39
W12	20 13	13 15	4 20	19 10	0 4	24 0	0 53	25 39	2 11	13 56	1 16	22 44	0 45	1 23	0 44	18 54	0 0	9 46	16 55	22 28	22 16	1 55	15 22	2 39
T 13	20 25	17 28	3 30	19 50	0n 7	24 7	0 56	25 43	2 15	13 54	1 16	22 44	0 45	1 22	0 44	18 54	0 0	9 46	16 55	22 29	22 16	1 57	15 23	2 39
F 14	20 37	20 32	2 26	20 29	0 17	24 14	0 58	25 48	2 19	13 52	1 16	22 44	0 45	1 21	0 44	18 53	0 0	9 46	16 55	22 30	22 17	2 0	15 24	2 40
S 15	20 48	22 13	1 15	21 6	0 28	24 20	1 0	25 52	2 23	13 50	1 16	22 44	0 44	1 21	0 44	18 53	0 0	9 46	16 56	22 30	22 17	2 2	15 25	2 40
S 16	20 59	22 30	0 1	21 42	0 38	24 25	1 2	25 56	2 27	13 48	1 15	22 45	0 44	1 20	0 44	18 53	0 0	9 46	16 56	22 30	22 18	2 5	15 26	2 40
M17	21 10	21 29	1n10	22 15	0 47	24 30	1 4	26 0	2 31	13 47	1 15	22 45	0 44	1 19	0 44	18 53	0 0	9 46	16 56	22 30	22 18	2 7	15 27	2 40
T 18	21 20	19 21	2 16	22 45	0 57	24 34	1 6	26 4	2 36	13 45	1 15	22 45	0 44	1 18	0 44	18 52	0 0	9 45	16 56	22 30	22 19	2 10	15 28	2 40
W19	21 30	16 20	3 14	23 14	1 6	24 37	1 8	26 8	2 40	13 43	1 15	22 45	0 44	1 18	0 44	18 52	0 0	9 45	16 57	22 30	22 19	2 12	15 29	2 40
T 20	21 40	12 41	4 1	23 40	1 14	24 40	1 10	26 13	2 44	13 41	1 15	22 45	0 44	1 17	0 44	18 52	0 0	9 45	16 57	22 30	22 19	2 15	15 30	2 40
F 21	21 49	8 34	4 37	24 3	1 22	24 42	1 12	26 17	2 48	13 40	1 14	22 46	0 44	1 17	0 44	18 51	0 0	9 45	16 57	22 30	22 20	2 17	15 31	2 40
S 22	21 57	4 11	5 0	24 23	1 29	24 43	1 14	26 21	2 52	13 38	1 14	22 46	0 44	1 16	0 44	18 51	0 0	9 45	16 58	22 30	22 20	2 20	15 32	2 41
S 23	22 6	0s20	5 10	24 40	1 36	24 43	1 16	26 26	2 56	13 36	1 14	22 46	0 44	1 15	0 44	18 51	0 0	9 45	16 58	22 30	22 21	2 23	15 33	2 41
M24	22 14	4 51	5 7	24 55	1 42	24 43	1 18	26 30	3 0	13 35	1 14	22 46	0 43	1 15	0 44	18 50	0 0	9 45	16 58	22 31	22 21	2 25	15 34	2 41
T 25	22 21	9 12	4 51	25 7	1 47	24 42	1 20	26 34	3 5	13 33	1 14	22 46	0 43	1 14	0 44	18 50	0 0	9 45	16 58	22 32	22 21	2 28	15 35	2 41
W26	22 29	13 15	4 22	25 17	1 51	24 40	1 21	26 38	3 9	13 32	1 13	22 46	0 43	1 14	0 44	18 50	0 0	9 45	16 59	22 32	22 22	2 30	15 36	2 41
T 27	22 35	16 49	3 40	25 23	1 55	24 37	1 23	26 42	3 13	13 30	1 13	22 46	0 43	1 13	0 44	18 49	0 0	9 45	16 59	22 33	22 22	2 33	15 37	2 41
F 28	22 42	19 41	2 47	25 27	1 58	24 34	1 25	26 46	3 17	13 29	1 13	22 46	0 43	1 13	0 44	18 49	0 0	9 45	16 59	22 33	22 23	2 35	15 38	2 41
S 29	22 48	21 40	1 46	25 29	2 0	24 30	1 26	26 50	3 21	13 28	1 13	22 47	0 43	1 12	0 44	18 48	0 0	9 45	17 0	22 34	22 23	2 38	15 39	2 42
S 30	22 53	22 34	0 38	25 28	2 1	24 25	1 28	26 54	3 25	13 26	1 13	22 47	0 43	1 12	0 44	18 48	0 0	9 45	17 0	22 34	22 24	2 40	15 40	2 42
M31	22n59	22s16	0s33	25n25	2n 2	24n20	1n29	26s58	3s29	13s25	1n12	22n47	0s43	1s11	0s45	18n48	0n 0	9s45	17s 0	22n34	22n24	2s43	15n41	2s42

Julian Day Number = 2302290.5, Delta T = 101.23 sec
Ecliptic obliquity = 23°29'30, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'14, Lahiri = 18°09'14 Julian Calendar 1 May 1591 == Greg. Calendar 11 May 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

JUNE 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 14 51	19♊16'09	4♒58	7♋ 9	14♋13	28°R58	9°R 2	0♋30	28♓45	6♎ 8	15♈ 3	15♋43	17♋ 1	19♎10	22♉ 0	T 1
W 2	17 18 48	20°13'24	18°23	8°54	15°26	28♐41	8♏58	0°38	28°46	6°10	15° 4	15°45	16°58	19°16	22° 4	W 2
T 3	17 22 44	21°10'38	2♓ 3	10°38	16°38	28°24	8°54	0°46	28°47	6°11	15° 5	15°46	16°55	19°23	22° 8	T 3
F 4	17 26 41	22° 7'53	15°56	12°18	17°51	28° 7	8°50	0°53	28°48	6°13	15° 5	15°R47	16°52	19°30	22°12	F 4
S 5	17 30 38	23° 5'07	0♈ 3	13°57	19° 4	27°49	8°46	1° 1	28°49	6°15	15° 6	15°47	16°49	19°37	22°16	S 5
S 6	17 34 34	24° 2'21	14°21	15°33	20°16	27°32	8°42	1° 9	28°50	6°16	15° 7	15°46	16°45	19°43	22°20	S 6
M 7	17 38 31	24°59'35	28°49	17° 6	21°29	27°13	8°39	1°17	28°51	6°18	15° 7	15°44	16°42	19°50	22°24	M 7
T 8	17 42 27	25°56'49	13♉21	18°37	22°41	26°55	8°35	1°25	28°52	6°20	15° 8	15°42	16°39	19°57	22°28	T 8
W 9	17 46 24	26°54'02	27°53	20° 6	23°54	26°37	8°32	1°32	28°52	6°22	15° 8	15°39	16°36	20° 4	22°32	W 9
T 10	17 50 20	27°51'16	12♊18	21°32	25° 6	26°18	8°29	1°40	28°53	6°23	15° 9	15°37	16°33	20°10	22°36	T 10
F 11	17 54 17	28°48'30	26°31	22°55	26°19	25°59	8°27	1°48	28°54	6°25	15°10	15°35	16°29	20°17	22°40	F 11
S 12	17 58 13	29°45'43	10♋27	24°16	27°31	25°41	8°24	1°56	28°55	6°27	15°10	15°D35	16°26	20°24	22°43	S 12
S 13	18 2 10	0♋42'56	24° 3	25°35	28°43	25°22	8°22	2° 4	28°55	6°29	15°11	15°35	16°23	20°30	22°47	S 13
M14	18 6 7	1°40'09	7♌18	26°50	29°56	25° 4	8°19	2°12	28°56	6°31	15°11	15°36	16°20	20°37	22°51	M14
T 15	18 10 3	2°37'21	20°11	28° 3	1♌ 8	24°45	8°17	2°19	28°56	6°33	15°12	15°37	16°17	20°44	22°55	T 15
W16	18 14 0	3°34'33	2♍45	29°14	2°20	24°27	8°15	2°27	28°57	6°35	15°12	15°38	16°14	20°51	22°58	W16
T 17	18 17 56	4°31'44	15° 3	0♌21	3°32	24° 9	8°14	2°35	28°57	6°37	15°12	15°39	16°10	20°57	23° 2	T 17
F 18	18 21 53	5°28'56	27° 8	1°25	4°45	23°52	8°12	2°43	28°57	6°39	15°13	15°39	16° 7	21° 4	23° 6	F 18
S 19	18 25 49	6°26'07	9♎ 5	2°27	5°57	23°34	8°11	2°51	28°58	6°41	15°13	15°R39	16° 4	21°11	23° 9	S 19
S 20	18 29 46	7°23'17	20°59	3°25	7° 9	23°17	8°10	2°59	28°58	6°43	15°14	15°39	16° 1	21°18	23°13	S 20
M21	18 33 42	8°20'28	2♏54	4°20	8°21	23° 1	8° 9	3° 6	28°58	6°45	15°14	15°38	15°58	21°24	23°16	M21
T 22	18 37 39	9°17'39	14°53	5°12	9°33	22°45	8° 8	3°14	28°58	6°47	15°14	15°38	15°55	21°31	23°20	T 22
W23	18 41 36	10°14'49	27° 2	6° 0	10°45	22°29	8° 7	3°22	28°58	6°49	15°14	15°37	15°51	21°38	23°23	W23
T 24	18 45 32	11°11'59	9♐23	6°45	11°57	22°14	8° 7	3°30	28°58	6°51	15°15	15°36	15°48	21°44	23°26	T 24
F 25	18 49 29	12° 9'10	21°58	7°26	13° 9	22° 0	8° 7	3°38	28°R58	6°53	15°15	15°36	15°45	21°51	23°30	F 25
S 26	18 53 25	13° 6'20	4♑48	8° 4	14°21	21°46	8°D 6	3°45	28°58	6°55	15°15	15°36	15°42	21°58	23°33	S 26
S 27	18 57 22	14° 3'31	17°55	8°37	15°32	21°33	8° 7	3°53	28°58	6°57	15°15	15°D36	15°39	22° 5	23°36	S 27
M28	19 1 18	15° 0'42	1♒18	9° 6	16°44	21°20	8° 7	4° 1	28°58	6°59	15°16	15°36	15°35	22°11	23°39	M28
T 29	19 5 15	15°57'54	14°55	9°31	17°56	21° 8	8° 7	4° 9	28°58	7° 1	15°16	15°R36	15°32	22°18	23°43	T 29
W30	19 9 11	16♋55'06	28♒45	9♌52	19♌ 8	20♐57	8♏ 8	4♋16	28♓58	7♎ 3	15♈16	15♋36	15♋29	22♎25	23♉46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 3	20s45	1s44	25n20	2n 2	24n14	1n30	27s 2	3s33	13s24	1n12	22n47	0s43	1s11	0s45	18n47	0n 0	9s45	17s 1	22n34	22n24	2s46	15n42	2s42	T 1
W 2	23 8	18 2	2 50	25 13	2 1	24 7	1 32	27 6	3 37	13 23	1 12	22 47	0 43	1 10	0 45	18 47	0 0	9 45	17 1	22 34	22 25	2 48	15 43	2 42	W 2
T 3	23 12	14 18	3 48	25 3	2 0	23 59	1 33	27 10	3 41	13 22	1 12	22 47	0 42	1 10	0 45	18 47	0 1	9 45	17 1	22 33	22 25	2 51	15 43	2 42	T 3
F 4	23 15	9 45	4 33	24 52	1 58	23 51	1 34	27 13	3 44	13 21	1 11	22 47	0 42	1 10	0 45	18 46	0 1	9 45	17 2	22 33	22 26	2 53	15 44	2 43	F 4
S 5	23 19	4 36	5 3	24 40	1 55	23 42	1 35	27 17	3 48	13 20	1 11	22 47	0 42	1 9	0 45	18 46	0 1	9 45	17 2	22 33	22 26	2 56	15 45	2 43	S 5
S 6	23 21	0n50	5 14	24 26	1 51	23 33	1 36	27 20	3 52	13 19	1 11	22 47	0 42	1 9	0 45	18 45	0 1	9 45	17 2	22 33	22 26	2 58	15 46	2 43	S 6
M 7	23 24	6 18	5 6	24 10	1 47	23 23	1 37	27 23	3 55	13 18	1 11	22 47	0 42	1 9	0 45	18 45	0 1	9 45	17 3	22 34	22 27	3 1	15 47	2 43	M 7
T 8	23 26	11 27	4 39	23 53	1 42	23 12	1 38	27 26	3 59	13 17	1 10	22 47	0 42	1 8	0 45	18 44	0 1	9 45	17 3	22 34	22 27	3 3	15 48	2 43	T 8
W 9	23 27	15 56	3 53	23 35	1 37	23 0	1 39	27 29	4 2	13 16	1 10	22 47	0 42	1 8	0 45	18 44	0 1	9 45	17 3	22 34	22 27	3 6	15 48	2 44	W 9
T 10	23 28	19 27	2 53	23 15	1 31	22 48	1 40	27 32	4 5	13 16	1 10	22 47	0 42	1 8	0 45	18 44	0 1	9 45	17 4	22 35	22 28	3 9	15 49	2 44	T 10
F 11	23 29	21 43	1 43	22 55	1 24	22 35	1 41	27 34	4 9	13 15	1 10	22 47	0 42	1 8	0 45	18 43	0 1	9 45	17 4	22 35	22 28	3 11	15 50	2 44	F 11
S 12	23 29	22 37	0 28	22 34	1 17	22 21	1 41	27 37	4 12	13 15	1 9	22 47	0 42	1 7	0 45	18 43	0 1	9 46	17 4	22 35	22 29	3 14	15 51	2 44	S 12
S 13	23 29	22 7	0n47	22 12	1 9	22 7	1 42	27 39	4 15	13 14	1 9	22 47	0 42	1 7	0 45	18 42	0 1	9 46	17 5	22 35	22 29	3 16	15 52	2 44	S 13
M14	23 29	20 22	1 57	21 49	1 0	21 53	1 42	27 41	4 18	13 14	1 9	22 47	0 41	1 7	0 45	18 42	0 1	9 46	17 5	22 35	22 29	3 19	15 52	2 45	M14
T 15	23 28	17 38	3 0	21 26	0 52	21 37	1 43	27 43	4 20	13 13	1 9	22 47	0 41	1 7	0 45	18 41	0 1	9 46	17 5	22 35	22 30	3 21	15 53	2 45	T 15
W16	23 27	14 7	3 52	21 3	0 42	21 21	1 43	27 45	4 23	13 13	1 8	22 47	0 41	1 7	0 45	18 41	0 1	9 46	17 6	22 34	22 30	3 24	15 54	2 45	W16
T 17	23 25	10 5	4 33	20 39	0 32	21 5	1 43	27 47	4 25	13 12	1 8	22 47	0 41	1 6	0 45	18 40	0 1	9 46	17 6	22 34	22 31	3 26	15 54	2 45	T 17
F 18	23 23	5 44	5 0	20 14	0 22	20 48	1 44	27 48	4 28	13 12	1 8	22 47	0 41	1 6	0 45	18 40	0 1	9 46	17 6	22 34	22 31	3 29	15 55	2 45	F 18
S 19	23 20	1 12	5 14	19 50	0 11	20 30	1 44	27 50	4 30	13 12	1 7	22 47	0 41	1 6	0 45	18 39	0 1	9 47	17 7	22 34	22 31	3 32	15 56	2 46	S 19
S 20	23 17	3s20	5 15	19 25	0s 1	20 12	1 44	27 51	4 32	13 12	1 7	22 47	0 41	1 6	0 45	18 39	0 1	9 47	17 7	22 34	22 32	3 34	15 56	2 46	S 20
M21	23 14	7 46	5 2	19 1	0 13	19 53	1 44	27 52	4 34	13 12	1 7	22 46	0 41	1 6	0 45	18 38	0 1	9 47	17 7	22 34	22 32	3 37	15 57	2 46	M21
T 22	23 10	11 56	4 36	18 36	0 25	19 34	1 44	27 53	4 36	13 12	1 7	22 46	0 41	1 6	0 45	18 38	0 1	9 47	17 8	22 34	22 32	3 39	15 58	2 46	T 22
W23	23 6	15 41	3 58	18 12	0 38	19 14	1 43	27 54	4 38	13 12	1 6	22 46	0 41	1 6	0 45	18 37	0 1	9 47	17 8	22 35	22 33	3 42	15 58	2 46	W23
T 24	23 1	18 49	3 7	17 49	0 51	18 54	1 43	27 55	4 39	13 12	1 6	22 46	0 41	1 6	0 45	18 37	0 1	9 48	17 8	22 35	22 33	3 44	15 59	2 47	T 24
F 25	22 56	21 8	2 7	17 25	1 4	18 33	1 43	27 55	4 41	13 12	1 6	22 46	0 41	1 6	0 45	18 36	0 1	9 48	17 9	22 35	22 34	3 47	16 0	2 47	F 25
S 26	22 51	22 25	0 59	17 3	1 17	18 12	1 42	27 56	4 42	13 12	1 6	22 46	0 40	1 6	0 45	18 36	0 1	9 48	17 9	22 35	22 34	3 50	16 0	2 47	S 26
S 27	22 45	22 30	0s13	16 41	1 31	17 50	1 42	27 56	4 44	13 13	1 5	22 46	0 40	1 6	0 45	18 35	0 1	9 48	17 9	22 35	22 34	3 52	16 1	2 47	S 27
M28	22 39	21 19	1 26	16 19	1 45	17 28	1 41	27 57	4 45	13 13	1 5	22 46	0 40	1 6	0 46	18 35	0 1	9 49	17 10	22 35	22 35	3 55	16 1	2 48	M28
T 29	22 32	18 52	2 35	15 59	2 0	17 5	1 40	27 57	4 46	13 13	1 5	22 45	0 40	1 6	0 46	18 34	0 1	9 49	17 10	22 35	22 35	3 57	16 2	2 48	T 29
W30	22n25	15s19	3s37	15n40	2s14	16n42	1n40	27s57	4s47	13s14	1n 5	22n45	0s40	1s 7	0s46	18n34	0n 1	9s49	17s11	22n35	22n35	4s 0	16n 2	2s48	W30

Julian Day Number = 2302321.5, Delta T = 101.10 sec
Ecliptic obliquity = 23°29'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'18, Lahiri = 18°09'19 Julian Calendar 1 June 1591 == Greg. Calendar 11 June 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

JULY 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 13 8	17♋52'18	12♓45	10♌ 8	20♌19	20°R46	8♏ 9	4♋24	28°R57	7♌ 5	15♈16	15°R35	15♋26	22♎31	23♉49	T 1
F 2	19 17 5	18°49'31	26°52	10°19	21°31	20♐36	8°10	4°32	28♓57	7° 7	15°16	15♋35	15°23	22°38	23°52	F 2
S 3	19 21 1	19°46'45	11♈ 4	10°26	22°42	20°27	8°11	4°39	28°57	7° 9	15°16	15°35	15°20	22°45	23°55	S 3
S 4	19 24 58	20°44'00	25°19	10°R28	23°54	20°19	8°12	4°47	28°56	7°12	15°16	15°D35	15°16	22°52	23°58	S 4
M 5	19 28 54	21°41'15	9♉33	10°25	25° 5	20°11	8°14	4°55	28°56	7°14	15°16	15°35	15°13	22°58	24° 1	M 5
T 6	19 32 51	22°38'31	23°44	10°17	26°17	20° 4	8°16	5° 2	28°55	7°16	15°R16	15°36	15°10	23° 5	24° 4	T 6
W 7	19 36 47	23°35'48	7♊50	10° 4	27°28	19°58	8°17	5°10	28°55	7°18	15°16	15°36	15° 7	23°12	24° 6	W 7
T 8	19 40 44	24°33'06	21°47	9°46	28°40	19°53	8°20	5°17	28°54	7°20	15°16	15°37	15° 4	23°19	24° 9	T 8
F 9	19 44 40	25°30'25	5♋34	9°24	29°51	19°49	8°22	5°25	28°54	7°22	15°16	15°38	15° 1	23°25	24°12	F 9
S 10	19 48 37	26°27'45	19° 7	8°57	1♍ 2	19°45	8°24	5°33	28°53	7°25	15°16	15°R38	14°57	23°32	24°14	S 10
S 11	19 52 34	27°25'05	2♌26	8°26	2°13	19°43	8°27	5°40	28°52	7°27	15°16	15°37	14°54	23°39	24°17	S 11
M12	19 56 30	28°22'26	15°28	7°51	3°25	19°41	8°30	5°47	28°51	7°29	15°16	15°36	14°51	23°45	24°20	M12
T 13	20 0 27	29°19'48	28°14	7°13	4°36	19°40	8°32	5°55	28°50	7°31	15°16	15°35	14°48	23°52	24°22	T 13
W14	20 4 23	0♌17'10	10♍44	6°32	5°47	19°D40	8°36	6° 2	28°50	7°33	15°16	15°33	14°45	23°59	24°25	W14
T 15	20 8 20	1°14'33	23° 0	5°49	6°58	19°41	8°39	6°10	28°49	7°36	15°15	15°30	14°41	24° 6	24°27	T 15
F 16	20 12 16	2°11'56	5♎ 5	5° 5	8° 9	19°42	8°42	6°17	28°48	7°38	15°15	15°28	14°38	24°12	24°29	F 16
S 17	20 16 13	3° 9'20	17° 2	4°19	9°19	19°45	8°46	6°24	28°47	7°40	15°15	15°27	14°35	24°19	24°32	S 17
S 18	20 20 9	4° 6'45	28°55	3°34	10°30	19°48	8°50	6°32	28°46	7°42	15°15	15°D26	14°32	24°26	24°34	S 18
M19	20 24 6	5° 4'10	10♏49	2°50	11°41	19°52	8°54	6°39	28°44	7°45	15°15	15°26	14°29	24°32	24°36	M19
T 20	20 28 3	6° 1'37	22°48	2° 8	12°52	19°57	8°58	6°46	28°43	7°47	15°14	15°27	14°26	24°39	24°38	T 20
W21	20 31 59	6°59'03	4♐58	1°28	14° 2	20° 3	9° 2	6°53	28°42	7°49	15°14	15°28	14°22	24°46	24°40	W21
T 22	20 35 56	7°56'31	17°22	0°52	15°13	20°10	9° 7	7° 0	28°41	7°51	15°14	15°30	14°19	24°53	24°42	T 22
F 23	20 39 52	8°54'00	0♑ 4	0°19	16°23	20°17	9°11	7° 7	28°40	7°53	15°13	15°31	14°16	24°59	24°44	F 23
S 24	20 43 49	9°51'29	13° 6	29♋52	17°34	20°25	9°16	7°14	28°38	7°56	15°13	15°R32	14°13	25° 6	24°46	S 24
S 25	20 47 45	10°49'00	26°30	29°30	18°44	20°34	9°21	7°21	28°37	7°58	15°13	15°31	14°10	25°13	24°48	S 25
M26	20 51 42	11°46'31	10♒14	29°14	19°54	20°44	9°26	7°28	28°36	8° 0	15°12	15°30	14° 7	25°20	24°49	M26
T 27	20 55 39	12°44'04	24°18	29° 4	21° 5	20°54	9°31	7°35	28°34	8° 2	15°12	15°27	14° 3	25°26	24°51	T 27
W28	20 59 35	13°41'38	8♓36	29°D 1	22°15	21° 6	9°36	7°42	28°33	8° 5	15°11	15°23	14° 0	25°33	24°53	W28
T 29	21 3 32	14°39'13	23° 2	29° 4	23°25	21°17	9°42	7°49	28°31	8° 7	15°11	15°19	13°57	25°40	24°54	T 29
F 30	21 7 28	15°36'49	7♈32	29°15	24°35	21°30	9°48	7°56	28°30	8° 9	15°10	15°15	13°54	25°46	24°56	F 30
S 31	21 11 25	16♌34'28	22♈ 0	29♋34	25♍45	21♐43	9♏54	8♋ 3	28♓28	8♌11	15♈10	15♋12	13♋51	25♎53	24♉57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n18	10s53	4s26	15n22	2s28	16n18	1n39	27s57	4s48	13s14	1n 4	22n45	0s40	1s 7	0s46	18n33	0n 1	9s49	17s11	22n35	22n36	4s 2	16n 3	2s48	
F 2	22 10	5 50	5 0	15 5	2 43	15 54	1 38	27 57	4 48	13 15	1 4	22 45	0 40	1 7	0 46	18 33	0 1	9 50	17 11	22 35	22 36	4 5	16 3	2 49	
S 3	22 2	0 27	5 16	14 50	2 57	15 30	1 37	27 57	4 49	13 16	1 4	22 45	0 40	1 7	0 46	18 32	0 1	9 50	17 12	22 35	22 37	4 8	16 4	2 49	
S 4	21 53	4n58	5 12	14 36	3 11	15 5	1 36	27 57	4 49	13 16	1 3	22 44	0 40	1 7	0 46	18 32	0 1	9 50	17 12	22 35	22 37	4 10	16 4	2 49	
M 5	21 44	10 7	4 50	14 23	3 24	14 40	1 34	27 56	4 50	13 17	1 3	22 44	0 40	1 8	0 46	18 31	0 1	9 51	17 12	22 35	22 37	4 13	16 5	2 49	
T 6	21 35	14 43	4 9	14 13	3 37	14 15	1 33	27 56	4 50	13 18	1 3	22 44	0 40	1 8	0 46	18 31	0 1	9 51	17 13	22 35	22 38	4 15	16 5	2 50	
W 7	21 25	18 28	3 14	14 4	3 50	13 49	1 32	27 56	4 50	13 19	1 3	22 44	0 40	1 8	0 46	18 30	0 1	9 51	17 13	22 35	22 38	4 18	16 6	2 50	
T 8	21 15	21 6	2 8	13 57	4 2	13 23	1 30	27 55	4 50	13 20	1 2	22 44	0 40	1 8	0 46	18 29	0 1	9 52	17 13	22 35	22 38	4 20	16 6	2 50	
F 9	21 5	22 27	0 55	13 53	4 13	12 56	1 29	27 55	4 50	13 21	1 2	22 43	0 40	1 9	0 46	18 29	0 1	9 52	17 14	22 34	22 39	4 23	16 7	2 50	
S 10	20 54	22 27	0n19	13 50	4 23	12 29	1 27	27 55	4 50	13 22	1 2	22 43	0 40	1 9	0 46	18 28	0 1	9 52	17 14	22 34	22 39	4 26	16 7	2 51	
S 11	20 43	21 9	1 32	13 49	4 32	12 2	1 26	27 54	4 49	13 23	1 2	22 43	0 39	1 9	0 46	18 28	0 1	9 53	17 14	22 34	22 39	4 28	16 7	2 51	
M12	20 32	18 44	2 38	13 50	4 39	11 35	1 24	27 54	4 49	13 24	1 1	22 43	0 39	1 10	0 46	18 27	0 1	9 53	17 15	22 35	22 40	4 31	16 8	2 51	
T 13	20 20	15 28	3 34	13 54	4 46	11 7	1 22	27 53	4 49	13 25	1 1	22 42	0 39	1 10	0 46	18 27	0 1	9 54	17 15	22 35	22 40	4 33	16 8	2 51	
W14	20 8	11 33	4 19	13 59	4 50	10 39	1 20	27 53	4 48	13 26	1 1	22 42	0 39	1 10	0 46	18 26	0 1	9 54	17 16	22 35	22 40	4 36	16 8	2 52	
T 15	19 56	7 15	4 51	14 7	4 54	10 11	1 18	27 52	4 48	13 28	1 1	22 42	0 39	1 11	0 46	18 26	0 1	9 54	17 16	22 35	22 41	4 39	16 9	2 52	
F 16	19 43	2 43	5 10	14 16	4 55	9 42	1 16	27 52	4 47	13 29	1 0	22 41	0 39	1 11	0 46	18 25	0 1	9 55	17 16	22 36	22 41	4 41	16 9	2 52	
S 17	19 30	1s51	5 15	14 27	4 55	9 14	1 14	27 51	4 46	13 30	1 0	22 41	0 39	1 12	0 46	18 25	0 1	9 55	17 17	22 36	22 41	4 44	16 9	2 52	
S 18	19 16	6 20	5 7	14 39	4 52	8 45	1 11	27 51	4 46	13 32	1 0	22 41	0 39	1 12	0 46	18 24	0 1	9 55	17 17	22 36	22 42	4 46	16 10	2 53	
M19	19 2	10 35	4 45	14 53	4 48	8 15	1 9	27 50	4 45	13 33	1 0	22 41	0 39	1 12	0 46	18 23	0 1	9 56	17 17	22 36	22 42	4 49	16 10	2 53	
T 20	18 48	14 28	4 11	15 8	4 43	7 46	1 6	27 50	4 44	13 35	0 59	22 40	0 39	1 13	0 46	18 23	0 1	9 56	17 18	22 36	22 43	4 51	16 10	2 53	
W21	18 34	17 49	3 25	15 24	4 35	7 17	1 4	27 49	4 43	13 36	0 59	22 40	0 39	1 13	0 46	18 22	0 1	9 57	17 18	22 36	22 43	4 54	16 10	2 53	
T 22	18 19	20 25	2 29	15 41	4 26	6 47	1 1	27 49	4 42	13 38	0 59	22 40	0 39	1 14	0 46	18 22	0 1	9 57	17 18	22 35	22 43	4 57	16 11	2 54	
F 23	18 4	22 5	1 24	15 58	4 15	6 17	0 59	27 48	4 41	13 40	0 59	22 39	0 39	1 15	0 46	18 21	0 1	9 58	17 19	22 35	22 44	4 59	16 11	2 54	
S 24	17 49	22 37	0 13	16 15	4 4	5 47	0 56	27 48	4 40	13 42	0 58	22 39	0 39	1 15	0 46	18 21	0 1	9 58	17 19	22 35	22 44	5 2	16 11	2 54	
S 25	17 33	21 53	1s 0	16 33	3 50	5 17	0 53	27 47	4 39	13 43	0 58	22 39	0 39	1 16	0 46	18 20	0 1	9 59	17 19	22 35	22 44	5 4	16 11	2 55	
M26	17 18	19 49	2 11	16 50	3 36	4 47	0 50	27 47	4 38	13 45	0 58	22 38	0 39	1 16	0 46	18 19	0 1	9 59	17 20	22 35	22 45	5 7	16 11	2 55	
T 27	17 1	16 32	3 17	17 7	3 21	4 16	0 47	27 46	4 36	13 47	0 58	22 38	0 39	1 17	0 46	18 19	0 1	9 59	17 20	22 36	22 45	5 10	16 11	2 55	
W28	16 45	12 14	4 10	17 23	3 5	3 46	0 44	27 46	4 35	13 49	0 57	22 38	0 39	1 17	0 46	18 18	0 1	10 0	17 20	22 36	22 45	5 12	16 11	2 55	
T 29	16 28	7 11	4 49	17 38	2 49	3 15	0 41	27 45	4 34	13 51	0 57	22 37	0 38	1 18	0 46	18 18	0 1	10 0	17 21	22 37	22 46	5 15	16 12	2 56	
F 30	16 11	1 44	5 9	17 52	2 32	2 44	0 38	27 45	4 32	13 53	0 57	22 37	0 38	1 19	0 46	18 17	0 1	10 1	17 21	22 37	22 46	5 17	16 12	2 56	
S 31	15n54	3n48	5s10	18n 5	2s15	2n14	0n35	27s44	4s31	13s55	0n57	22n37	0s38	1s19	0s47	18n17	0n 1	10s 1	17s21	22n37	22n46	5s20	16n12	2s56	

Julian Day Number = 2302351.5, Delta T = 100.97 sec
Ecliptic obliquity = 23°29'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'22, Lahiri = 18°09'23 Julian Calendar 1 July 1591 == Greg. Calendar 11 July 1591

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1591
geocentric

AUGUST 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 15 21	17♌32'07	6♉21	29♋59	26♍55	21♐57	9♏59	8♋ 9	28°R26	8♌13	15°R 9	15°R10	13♋47	26♎ 0	24♉59	S 1
M 2	21 19 18	18°29'49	20°32	0♌32	28° 4	22°12	10° 6	8°16	28♓25	8°16	15♈ 9	15°D10	13°44	26° 7	25° 0	M 2
T 3	21 23 14	19°27'32	4♊32	1°12	29°14	22°27	10°12	8°22	28°23	8°18	15° 8	15♋11	13°41	26°13	25° 1	T 3
W 4	21 27 11	20°25'16	18°18	1°59	0♎24	22°43	10°18	8°29	28°21	8°20	15° 8	15°12	13°38	26°20	25° 3	W 4
T 5	21 31 7	21°23'03	1♋52	2°53	1°33	23° 0	10°25	8°35	28°20	8°22	15° 7	15°13	13°35	26°27	25° 4	T 5
F 6	21 35 4	22°20'51	15°14	3°53	2°43	23°17	10°32	8°42	28°18	8°24	15° 6	15°R14	13°32	26°33	25° 5	F 6
S 7	21 39 1	23°18'41	28°23	5° 0	3°52	23°35	10°38	8°48	28°16	8°27	15° 6	15°13	13°28	26°40	25° 6	S 7
S 8	21 42 57	24°16'32	11♌20	6°14	5° 1	23°54	10°45	8°55	28°14	8°29	15° 5	15°11	13°25	26°47	25° 7	S 8
M 9	21 46 54	25°14'25	24° 5	7°33	6°11	24°13	10°52	9° 1	28°12	8°31	15° 4	15° 6	13°22	26°54	25° 8	M 9
T 10	21 50 50	26°12'19	6♍38	8°57	7°20	24°33	11° 0	9° 7	28°10	8°33	15° 4	15° 0	13°19	27° 0	25° 9	T 10
W11	21 54 47	27°10'15	18°59	10°27	8°29	24°53	11° 7	9°13	28° 8	8°35	15° 3	14°52	13°16	27° 7	25° 9	W11
T 12	21 58 43	28° 8'12	1♎ 9	12° 1	9°38	25°14	11°15	9°19	28° 6	8°37	15° 2	14°45	13°12	27°14	25°10	T 12
F 13	22 2 40	29° 6'10	13°11	13°40	10°46	25°36	11°22	9°25	28° 4	8°39	15° 2	14°37	13° 9	27°21	25°11	F 13
S 14	22 6 36	0♍ 4'10	25° 6	15°22	11°55	25°58	11°30	9°31	28° 2	8°41	15° 1	14°30	13° 6	27°27	25°11	S 14
S 15	22 10 33	1° 2'12	6♏57	17° 7	13° 4	26°20	11°38	9°37	28° 0	8°44	15° 0	14°26	13° 3	27°34	25°12	S 15
M16	22 14 30	2° 0'15	18°49	18°55	14°12	26°43	11°46	9°43	27°58	8°46	14°59	14°23	13° 0	27°41	25°12	M16
T 17	22 18 26	2°58'19	0♐46	20°46	15°21	27° 7	11°54	9°49	27°56	8°48	14°58	14°D22	12°57	27°47	25°13	T 17
W18	22 22 23	3°56'25	12°53	22°38	16°29	27°31	12° 2	9°54	27°54	8°50	14°58	14°22	12°53	27°54	25°13	W18
T 19	22 26 19	4°54'32	25°15	24°32	17°37	27°56	12°11	10° 0	27°52	8°52	14°57	14°23	12°50	28° 1	25°13	T 19
F 20	22 30 16	5°52'41	7♑57	26°26	18°46	28°21	12°19	10° 5	27°50	8°54	14°56	14°R24	12°47	28° 8	25°13	F 20
S 21	22 34 12	6°50'51	21° 3	28°22	19°54	28°47	12°28	10°11	27°47	8°56	14°55	14°24	12°44	28°14	25°13	S 21
S 22	22 38 9	7°49'03	4♒35	0♍18	21° 1	29°13	12°37	10°16	27°45	8°58	14°54	14°22	12°41	28°21	25°R13	S 22
M23	22 42 5	8°47'16	18°33	2°14	22° 9	29°39	12°45	10°22	27°43	9° 0	14°53	14°18	12°38	28°28	25°13	M23
T 24	22 46 2	9°45'31	2♓56	4°10	23°17	0♑ 6	12°54	10°27	27°41	9° 2	14°52	14°12	12°34	28°34	25°13	T 24
W25	22 49 59	10°43'48	17°38	6° 5	24°24	0°33	13° 3	10°32	27°38	9° 4	14°52	14° 4	12°31	28°41	25°13	W25
T 26	22 53 55	11°42'06	2♈32	8° 0	25°32	1° 1	13°13	10°37	27°36	9° 6	14°51	13°55	12°28	28°48	25°13	T 26
F 27	22 57 52	12°40'27	17°28	9°55	26°39	1°29	13°22	10°42	27°34	9° 8	14°50	13°47	12°25	28°55	25°13	F 27
S 28	23 1 48	13°38'49	2♉18	11°49	27°46	1°58	13°31	10°47	27°32	9°10	14°49	13°39	12°22	29° 1	25°12	S 28
S 29	23 5 45	14°37'14	16°55	13°42	28°53	2°27	13°41	10°52	27°29	9°12	14°48	13°34	12°18	29° 8	25°12	S 29
M30	23 9 41	15°35'41	1♊13	15°34	29°59	2°56	13°50	10°57	27°27	9°13	14°47	13°31	12°15	29°15	25°11	M30
T 31	23 13 38	16♍34'10	15♊12	17♍25	1♏ 6	3♑25	14♏ 0	11♋ 1	27♓24	9♌15	14♈46	13°D30	12♋12	29♎21	25♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n37	9n 5	4s51	18n17	1s58	1n43	0n31	27s44	4s30	13s57	0n56	22n36	0s38	1s20	0s47	18n16	0n 1	10s 2	17s21	22n38	22n47	5s22	16n12	2s57
M 2	15 19	13 50	4 15	18 27	1 40	1 12	0 28	27 43	4 28	13 59	0 56	22 36	0 38	1 21	0 47	18 16	0 1	10 2	17 22	22 38	22 47	5 25	16 12	2 57
T 3	15 1	17 45	3 24	18 35	1 23	0 41	0 25	27 43	4 27	14 1	0 56	22 35	0 38	1 21	0 47	18 15	0 1	10 3	17 22	22 38	22 47	5 28	16 12	2 57
W 4	14 43	20 38	2 21	18 41	1 7	0 10	0 21	27 42	4 25	14 4	0 56	22 35	0 38	1 22	0 47	18 14	0 1	10 3	17 22	22 37	22 48	5 30	16 12	2 57
T 5	14 24	22 17	1 12	18 44	0 50	0s21	0 17	27 42	4 24	14 6	0 55	22 35	0 38	1 23	0 47	18 14	0 1	10 4	17 23	22 37	22 48	5 33	16 12	2 58
F 6	14 6	22 37	0 0	18 46	0 35	0 52	0 14	27 41	4 22	14 8	0 55	22 34	0 38	1 24	0 47	18 13	0 1	10 4	17 23	22 37	22 48	5 35	16 12	2 58
S 7	13 47	21 41	1n11	18 45	0 19	1 23	0 10	27 40	4 20	14 11	0 55	22 34	0 38	1 24	0 47	18 13	0 1	10 5	17 23	22 37	22 48	5 38	16 12	2 58
S 8	13 28	19 37	2 17	18 41	0 5	1 54	0 6	27 40	4 19	14 13	0 55	22 34	0 38	1 25	0 47	18 12	0 1	10 5	17 24	22 38	22 49	5 41	16 12	2 59
M 9	13 8	16 35	3 15	18 34	0n 9	2 25	0 3	27 39	4 17	14 15	0 55	22 33	0 38	1 26	0 47	18 12	0 1	10 6	17 24	22 38	22 49	5 43	16 12	2 59
T 10	12 49	12 51	4 2	18 25	0 22	2 56	0s 1	27 38	4 16	14 18	0 54	22 33	0 38	1 27	0 47	18 11	0 1	10 6	17 24	22 39	22 49	5 46	16 11	2 59
W11	12 29	8 37	4 37	18 13	0 34	3 27	0 5	27 37	4 14	14 20	0 54	22 32	0 38	1 27	0 47	18 11	0 1	10 7	17 24	22 40	22 50	5 48	16 11	3 0
T 12	12 9	4 7	4 59	17 57	0 46	3 58	0 9	27 36	4 12	14 23	0 54	22 32	0 38	1 28	0 47	18 10	0 1	10 7	17 25	22 40	22 50	5 51	16 11	3 0
F 13	11 49	0s29	5 8	17 39	0 56	4 29	0 13	27 36	4 11	14 26	0 54	22 32	0 38	1 29	0 47	18 9	0 1	10 8	17 25	22 41	22 50	5 53	16 11	3 0
S 14	11 28	5 2	5 3	17 18	1 5	4 59	0 17	27 35	4 9	14 28	0 53	22 31	0 38	1 30	0 47	18 9	0 1	10 8	17 25	22 42	22 51	5 56	16 11	3 0
S 15	11 8	9 23	4 45	16 55	1 14	5 30	0 21	27 34	4 7	14 31	0 53	22 31	0 38	1 31	0 47	18 8	0 1	10 9	17 25	22 43	22 51	5 59	16 11	3 1
M16	10 47	13 23	4 14	16 28	1 21	6 0	0 26	27 32	4 5	14 33	0 53	22 31	0 38	1 32	0 47	18 8	0 1	10 9	17 26	22 43	22 51	6 1	16 11	3 1
T 17	10 26	16 53	3 33	15 59	1 28	6 31	0 30	27 31	4 4	14 36	0 53	22 30	0 38	1 32	0 47	18 7	0 1	10 10	17 26	22 43	22 52	6 4	16 10	3 1
W18	10 5	19 44	2 41	15 28	1 33	7 1	0 34	27 30	4 2	14 39	0 53	22 30	0 38	1 33	0 47	18 7	0 1	10 10	17 26	22 43	22 52	6 6	16 10	3 2
T 19	9 44	21 43	1 41	14 55	1 38	7 31	0 38	27 29	4 0	14 42	0 52	22 29	0 38	1 34	0 47	18 6	0 1	10 11	17 26	22 43	22 52	6 9	16 10	3 2
F 20	9 23	22 41	0 35	14 19	1 41	8 1	0 43	27 27	3 58	14 44	0 52	22 29	0 38	1 35	0 47	18 6	0 1	10 12	17 27	22 43	22 53	6 12	16 10	3 2
S 21	9 1	22 26	0s36	13 42	1 44	8 31	0 47	27 26	3 57	14 47	0 52	22 29	0 38	1 36	0 47	18 5	0 1	10 12	17 27	22 43	22 53	6 14	16 9	3 3
S 22	8 39	20 53	1 46	13 3	1 46	9 1	0 51	27 24	3 55	14 50	0 52	22 28	0 38	1 37	0 47	18 5	0 1	10 13	17 27	22 43	22 53	6 17	16 9	3 3
M23	8 18	18 2	2 52	12 22	1 47	9 30	0 56	27 23	3 53	14 53	0 52	22 28	0 37	1 38	0 47	18 4	0 1	10 13	17 27	22 43	22 53	6 19	16 9	3 3
T 24	7 56	14 1	3 50	11 41	1 48	10 0	1 0	27 21	3 51	14 56	0 51	22 27	0 37	1 39	0 47	18 4	0 1	10 14	17 28	22 44	22 54	6 22	16 8	3 4
W25	7 34	9 5	4 33	10 58	1 47	10 29	1 5	27 19	3 50	14 59	0 51	22 27	0 37	1 39	0 47	18 3	0 1	10 14	17 28	22 45	22 54	6 24	16 8	3 4
T 26	7 11	3 33	4 58	10 14	1 46	10 58	1 9	27 17	3 48	15 2	0 51	22 27	0 37	1 40	0 47	18 3	0 1	10 15	17 28	22 46	22 54	6 27	16 8	3 4
F 27	6 49	2n11	5 4	9 29	1 45	11 27	1 14	27 15	3 46	15 5	0 51	22 26	0 37	1 41	0 47	18 2	0 1	10 15	17 28	22 47	22 55	6 30	16 7	3 4
S 28	6 27	7 47	4 49	8 44	1 43	11 55	1 18	27 13	3 44	15 8	0 51	22 26	0 37	1 42	0 47	18 2	0 1	10 16	17 28	22 47	22 55	6 32	16 7	3 5
S 29	6 4	12 51	4 15	7 58	1 40	12 23	1 23	27 10	3 42	15 11	0 50	22 26	0 37	1 43	0 47	18 1	0 1	10 16	17 29	22 48	22 55	6 35	16 7	3 5
M30	5 41	17 6	3 25	7 12	1 37	12 51	1 27	27 8	3 40	15 14	0 50	22 25	0 37	1 44	0 47	18 1	0 1	10 17	17 29	22 48	22 56	6 37	16 6	3 5
T 31	5n19	20n16	2s25	6n25	1n33	13s19	1s32	27s 5	3s39	15s17	0n50	22n25	0s37	1s45	0s47	18n 0	0n 1	10s17	17s29	22n48	22n56	6s40	16n 6	3s 6

Julian Day Number = 2302382.5, Delta T = 100.84 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'27, Lahiri = 18°09'27 Julian Calendar 1 Aug. 1591 == Greg. Calendar 11 Aug. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

SEPTEMBER 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 17 34	17♍32'42	28♊50	19♍16	2♏13	3♑55	14♏10	11♋ 6	27°R22	9♘17	14°R45	13♋31	12♋ 9	29♎28	25°R10	W 1
T 2	23 21 31	18°31'15	12♋11	21° 5	3°19	4°26	14°20	11°11	27♓20	9°19	14♈44	13°R31	12° 6	29°35	25♉ 9	T 2
F 3	23 25 28	19°29'51	25°14	22°53	4°25	4°57	14°30	11°15	27°17	9°21	14°43	13°31	12° 3	29°42	25° 9	F 3
S 4	23 29 24	20°28'29	8♘ 4	24°41	5°31	5°28	14°40	11°19	27°15	9°23	14°42	13°28	11°59	29°48	25° 8	S 4
S 5	23 33 21	21°27'09	20°42	26°27	6°37	5°59	14°50	11°24	27°13	9°24	14°41	13°23	11°56	29°55	25° 7	S 5
M 6	23 37 17	22°25'51	3♍10	28°12	7°43	6°31	15° 1	11°28	27°10	9°26	14°40	13°15	11°53	0♏ 2	25° 6	M 6
T 7	23 41 14	23°24'36	15°28	29°57	8°48	7° 3	15°11	11°32	27° 8	9°28	14°39	13° 4	11°50	0° 8	25° 5	T 7
W 8	23 45 10	24°23'22	27°38	1♎40	9°54	7°35	15°21	11°36	27° 5	9°29	14°38	12°51	11°47	0°15	25° 4	W 8
T 9	23 49 7	25°22'10	9♎41	3°22	10°59	8° 8	15°32	11°40	27° 3	9°31	14°36	12°38	11°44	0°22	25° 3	T 9
F 10	23 53 3	26°21'00	21°38	5° 4	12° 4	8°41	15°43	11°44	27° 1	9°33	14°35	12°25	11°40	0°29	25° 1	F 10
S 11	23 57 0	27°19'52	3♏30	6°44	13° 9	9°14	15°53	11°48	26°58	9°34	14°34	12°13	11°37	0°35	25° 0	S 11
S 12	0 0 56	28°18'46	15°20	8°24	14°13	9°48	16° 4	11°51	26°56	9°36	14°33	12° 4	11°34	0°42	24°59	S 12
M13	0 4 53	29°17'42	27°10	10° 3	15°18	10°22	16°15	11°55	26°53	9°38	14°32	11°57	11°31	0°49	24°57	M13
T 14	0 8 50	0♎16'40	9♐ 5	11°40	16°22	10°56	16°26	11°58	26°51	9°39	14°31	11°53	11°28	0°55	24°56	T 14
W15	0 12 46	1°15'40	21° 9	13°17	17°26	11°30	16°37	12° 2	26°48	9°41	14°30	11°51	11°24	1° 2	24°54	W15
T 16	0 16 43	2°14'41	3♑27	14°53	18°29	12° 5	16°48	12° 5	26°46	9°42	14°29	11°D51	11°21	1° 9	24°53	T 16
F 17	0 20 39	3°13'44	16° 4	16°28	19°33	12°40	17° 0	12° 8	26°44	9°44	14°28	11°R51	11°18	1°16	24°51	F 17
S 18	0 24 36	4°12'49	29° 6	18° 3	20°36	13°15	17°11	12°11	26°41	9°45	14°26	11°50	11°15	1°22	24°50	S 18
S 19	0 28 32	5°11'56	12♒35	19°36	21°39	13°50	17°22	12°14	26°39	9°47	14°25	11°47	11°12	1°29	24°48	S 19
M20	0 32 29	6°11'04	26°35	21° 9	22°42	14°26	17°34	12°17	26°36	9°48	14°24	11°42	11° 9	1°36	24°46	M20
T 21	0 36 25	7°10'15	11♓ 4	22°41	23°44	15° 2	17°45	12°20	26°34	9°49	14°23	11°34	11° 5	1°42	24°44	T 21
W22	0 40 22	8° 9'27	25°57	24°12	24°46	15°38	17°57	12°22	26°32	9°51	14°22	11°24	11° 2	1°49	24°42	W22
T 23	0 44 19	9° 8'41	11♈ 7	25°42	25°48	16°14	18° 9	12°25	26°29	9°52	14°21	11°13	10°59	1°56	24°40	T 23
F 24	0 48 15	10° 7'57	26°23	27°12	26°49	16°50	18°20	12°27	26°27	9°53	14°20	11° 2	10°56	2° 3	24°38	F 24
S 25	0 52 12	11° 7'16	11♉34	28°40	27°50	17°27	18°32	12°30	26°25	9°55	14°18	10°52	10°53	2° 9	24°36	S 25
S 26	0 56 8	12° 6'36	26°30	0♏ 8	28°51	18° 4	18°44	12°32	26°22	9°56	14°17	10°45	10°49	2°16	24°34	S 26
M27	1 0 5	13° 5'59	11♊ 4	1°35	29°52	18°41	18°56	12°34	26°20	9°57	14°16	10°40	10°46	2°23	24°32	M27
T 28	1 4 1	14° 5'25	25°12	3° 2	0♐52	19°18	19° 8	12°36	26°18	9°58	14°15	10°38	10°43	2°29	24°29	T 28
W29	1 7 58	15° 4'53	8♋54	4°27	1°52	19°56	19°20	12°38	26°16	10° 0	14°14	10°38	10°40	2°36	24°27	W29
T 30	1 11 54	16♎ 4'23	22♋12	5♏52	2♐51	20♑33	19♏32	12♋40	26♓13	10♘ 1	14♈13	10♋37	10♋37	2♏43	24♉25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n56	22n12	1s17	5n38	1n29	13s47	1s36	27s 3	3s37	15s20	0n50	22n25	0s37	1s46	0s47	18n 0	0n 1	10s18	17s29	22n48	22n56	6s43	16n 5	3s 6
T 2	4 33	22 49	0 7	4 51	1 25	14 14	1 41	27 0	3 35	15 23	0 50	22 24	0 37	1 47	0 47	17 59	0 2	10 18	17 29	22 48	22 56	6 45	16 5	3 6
F 3	4 10	22 9	1n 2	4 4	1 20	14 41	1 46	26 57	3 33	15 26	0 49	22 24	0 37	1 48	0 47	17 59	0 2	10 19	17 29	22 48	22 57	6 48	16 4	3 7
S 4	3 47	20 20	2 7	3 16	1 15	15 7	1 50	26 54	3 31	15 29	0 49	22 24	0 37	1 49	0 47	17 58	0 2	10 19	17 30	22 49	22 57	6 50	16 4	3 7
S 5	3 24	17 32	3 4	2 29	1 10	15 34	1 55	26 50	3 29	15 33	0 49	22 23	0 37	1 50	0 47	17 58	0 2	10 20	17 30	22 49	22 57	6 53	16 3	3 7
M 6	3 1	13 57	3 51	1 42	1 5	16 0	1 59	26 47	3 27	15 36	0 49	22 23	0 37	1 51	0 47	17 57	0 2	10 21	17 30	22 50	22 58	6 55	16 3	3 7
T 7	2 37	9 50	4 27	0 55	0 59	16 25	2 4	26 44	3 26	15 39	0 49	22 23	0 37	1 52	0 47	17 57	0 2	10 21	17 30	22 51	22 58	6 58	16 2	3 8
W 8	2 14	5 23	4 50	0 8	0 53	16 51	2 8	26 40	3 24	15 42	0 49	22 22	0 37	1 53	0 47	17 56	0 2	10 22	17 30	22 52	22 58	7 1	16 2	3 8
T 9	1 51	0 45	5 0	0s38	0 46	17 16	2 13	26 36	3 22	15 45	0 48	22 22	0 37	1 54	0 47	17 56	0 2	10 22	17 30	22 53	22 58	7 3	16 1	3 8
F 10	1 27	3s52	4 57	1 24	0 40	17 40	2 17	26 32	3 20	15 49	0 48	22 22	0 37	1 55	0 47	17 56	0 2	10 23	17 30	22 55	22 59	7 6	16 1	3 9
S 11	1 4	8 19	4 41	2 10	0 34	18 4	2 22	26 28	3 18	15 52	0 48	22 21	0 37	1 56	0 47	17 55	0 2	10 23	17 30	22 56	22 59	7 8	16 0	3 9
S 12	0 40	12 27	4 12	2 56	0 27	18 28	2 26	26 24	3 16	15 55	0 48	22 21	0 37	1 57	0 47	17 55	0 2	10 24	17 31	22 57	22 59	7 11	16 0	3 9
M13	0 17	16 7	3 33	3 41	0 20	18 52	2 31	26 19	3 14	15 58	0 48	22 21	0 37	1 58	0 47	17 54	0 2	10 24	17 31	22 57	23 0	7 14	15 59	3 9
T 14	0s 7	19 10	2 44	4 25	0 13	19 15	2 35	26 14	3 13	16 2	0 48	22 20	0 37	1 58	0 47	17 54	0 2	10 25	17 31	22 58	23 0	7 16	15 58	3 10
W15	0 30	21 25	1 47	5 10	0 6	19 37	2 40	26 10	3 11	16 5	0 47	22 20	0 37	1 59	0 47	17 54	0 2	10 25	17 31	22 58	23 0	7 19	15 58	3 10
T 16	0 54	22 43	0 44	5 53	0s 1	20 0	2 44	26 5	3 9	16 8	0 47	22 20	0 37	2 0	0 47	17 53	0 2	10 26	17 31	22 58	23 0	7 21	15 57	3 10
F 17	1 17	22 54	0s22	6 37	0 8	20 21	2 48	26 0	3 7	16 12	0 47	22 20	0 37	2 1	0 47	17 53	0 2	10 26	17 31	22 58	23 1	7 24	15 56	3 11
S 18	1 41	21 51	1 30	7 19	0 15	20 43	2 53	25 54	3 5	16 15	0 47	22 19	0 37	2 2	0 47	17 52	0 2	10 27	17 31	22 58	23 1	7 26	15 56	3 11
S 19	2 4	19 32	2 35	8 2	0 22	21 4	2 57	25 49	3 3	16 18	0 47	22 19	0 37	2 3	0 47	17 52	0 2	10 27	17 31	22 58	23 1	7 29	15 55	3 11
M20	2 28	16 1	3 33	8 43	0 29	21 24	3 1	25 43	3 2	16 22	0 47	22 19	0 37	2 4	0 47	17 52	0 2	10 28	17 31	22 59	23 1	7 32	15 54	3 11
T 21	2 51	11 25	4 19	9 24	0 36	21 44	3 5	25 37	3 0	16 25	0 47	22 19	0 37	2 5	0 47	17 51	0 2	10 28	17 31	22 59	23 2	7 34	15 54	3 12
W22	3 15	6 2	4 49	10 5	0 43	22 4	3 9	25 31	2 58	16 29	0 46	22 18	0 37	2 6	0 47	17 51	0 2	10 28	17 31	23 0	23 2	7 37	15 53	3 12
T 23	3 38	0 12	5 0	10 44	0 51	22 23	3 13	25 25	2 56	16 32	0 46	22 18	0 37	2 7	0 47	17 51	0 2	10 29	17 31	23 1	23 2	7 39	15 52	3 12
F 24	4 1	5n42	4 50	11 23	0 58	22 41	3 17	25 19	2 54	16 35	0 46	22 18	0 37	2 8	0 47	17 50	0 2	10 29	17 31	23 2	23 2	7 42	15 51	3 12
S 25	4 25	11 14	4 19	12 2	1 5	22 59	3 21	25 12	2 52	16 39	0 46	22 18	0 36	2 9	0 47	17 50	0 2	10 30	17 31	23 3	23 3	7 45	15 51	3 13
S 26	4 48	16 0	3 30	12 40	1 12	23 17	3 25	25 5	2 51	16 42	0 46	22 18	0 36	2 10	0 47	17 50	0 2	10 30	17 31	23 3	23 3	7 47	15 50	3 13
M27	5 11	19 41	2 29	13 17	1 18	23 34	3 29	24 58	2 49	16 46	0 46	22 18	0 36	2 11	0 47	17 49	0 2	10 31	17 31	23 4	23 3	7 50	15 49	3 13
T 28	5 34	22 4	1 21	13 53	1 25	23 50	3 32	24 51	2 47	16 49	0 46	22 17	0 36	2 11	0 47	17 49	0 2	10 31	17 31	23 4	23 3	7 52	15 48	3 14
W29	5 57	23 2	0 9	14 28	1 32	24 6	3 36	24 44	2 45	16 52	0 45	22 17	0 36	2 12	0 47	17 49	0 2	10 32	17 31	23 4	23 4	7 55	15 48	3 14
T 30	6s20	22n39	1n 1	15s 3	1s38	24s22	3s40	24s36	2s43	16s56	0n45	22n17	0s36	2s13	0s47	17n48	0n 2	10s32	17s31	23n 4	23n 4	7s57	15n47	3s14

Julian Day Number = 2302413.5, Delta T = 100.71 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'31, Lahiri = 18°09'31 Julian Calendar 1 Sept. 1591 == Greg. Calendar 11 Sept. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

OCTOBER 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 15 51	17♎ 3'55	5♌ 9	7♏16	3♐50	21♑11	19♏44	12♋41	26°R11	10♌ 2	14°R12	10°R37	10♋34	2♏50	24°R22	F 1
S 2	1 19 48	18° 3'30	17°48	8°38	4°49	21°49	19°57	12°43	26♓ 9	10° 3	14♈10	10♋34	10°30	2°56	24♉20	S 2
S 3	1 23 44	19° 3'07	0♍13	10° 0	5°47	22°27	20° 9	12°45	26° 7	10° 4	14° 9	10°28	10°27	3° 3	24°17	S 3
M 4	1 27 41	20° 2'46	12°28	11°21	6°45	23° 6	20°21	12°46	26° 5	10° 5	14° 8	10°19	10°24	3°10	24°15	M 4
T 5	1 31 37	21° 2'27	24°35	12°41	7°42	23°44	20°34	12°47	26° 2	10° 6	14° 7	10° 8	10°21	3°16	24°12	T 5
W 6	1 35 34	22° 2'11	6♎36	14° 0	8°39	24°23	20°46	12°48	26° 0	10° 7	14° 6	9°55	10°18	3°23	24°10	W 6
T 7	1 39 30	23° 1'56	18°32	15°17	9°36	25° 1	20°59	12°49	25°58	10° 8	14° 5	9°40	10°15	3°30	24° 7	T 7
F 8	1 43 27	24° 1'44	0♏25	16°33	10°32	25°40	21°11	12°50	25°56	10° 9	14° 3	9°26	10°11	3°37	24° 4	F 8
S 9	1 47 23	25° 1'34	12°16	17°48	11°27	26°20	21°24	12°51	25°54	10°10	14° 2	9°14	10° 8	3°43	24° 1	S 9
S 10	1 51 20	26° 1'25	24° 6	19° 1	12°22	26°59	21°37	12°52	25°52	10°10	14° 1	9° 3	10° 5	3°50	23°59	S 10
M11	1 55 17	27° 1'18	5♐58	20°12	13°16	27°38	21°49	12°52	25°50	10°11	14° 0	8°56	10° 2	3°57	23°56	M11
T 12	1 59 13	28° 1'14	17°54	21°22	14°10	28°18	22° 2	12°53	25°48	10°12	13°59	8°51	9°59	4° 3	23°53	T 12
W13	2 3 10	29° 1'11	29°59	22°29	15° 3	28°57	22°15	12°53	25°46	10°13	13°58	8°49	9°55	4°10	23°50	W13
T 14	2 7 6	0♏ 1'09	12♑16	23°35	15°56	29°37	22°28	12°54	25°45	10°13	13°57	8°D49	9°52	4°17	23°47	T 14
F 15	2 11 3	1° 1'10	24°50	24°37	16°48	0♒17	22°40	12°54	25°43	10°14	13°56	8°R49	9°49	4°24	23°44	F 15
S 16	2 14 59	2° 1'12	7♒45	25°37	17°39	0°57	22°53	12°R54	25°41	10°15	13°55	8°49	9°46	4°30	23°41	S 16
S 17	2 18 56	3° 1'15	21° 7	26°34	18°30	1°37	23° 6	12°54	25°39	10°15	13°53	8°48	9°43	4°37	23°38	S 17
M18	2 22 52	4° 1'20	4♓57	27°28	19°19	2°18	23°19	12°54	25°37	10°16	13°52	8°44	9°40	4°44	23°35	M18
T 19	2 26 49	5° 1'27	19°17	28°17	20° 8	2°58	23°32	12°53	25°36	10°16	13°51	8°38	9°36	4°50	23°32	T 19
W20	2 30 46	6° 1'35	4♈ 5	29° 2	20°56	3°39	23°45	12°53	25°34	10°17	13°50	8°30	9°33	4°57	23°29	W20
T 21	2 34 42	7° 1'45	19°13	29°43	21°44	4°19	23°58	12°52	25°32	10°17	13°49	8°20	9°30	5° 4	23°26	T 21
F 22	2 38 39	8° 1'57	4♉33	0♐17	22°30	5° 0	24°11	12°52	25°31	10°18	13°48	8°11	9°27	5°11	23°22	F 22
S 23	2 42 35	9° 2'10	19°52	0°46	23°16	5°41	24°25	12°51	25°29	10°18	13°47	8° 3	9°24	5°17	23°19	S 23
S 24	2 46 32	10° 2'25	5♊ 1	1° 9	24° 0	6°21	24°38	12°50	25°28	10°19	13°46	7°56	9°21	5°24	23°16	S 24
M25	2 50 28	11° 2'43	19°49	1°24	24°44	7° 2	24°51	12°49	25°26	10°19	13°45	7°53	9°17	5°31	23°13	M25
T 26	2 54 25	12° 3'02	4♋10	1°R31	25°26	7°43	25° 4	12°48	25°25	10°19	13°44	7°D51	9°14	5°37	23° 9	T 26
W27	2 58 21	13° 3'23	18° 3	1°29	26° 8	8°25	25°17	12°47	25°23	10°19	13°43	7°52	9°11	5°44	23° 6	W27
T 28	3 2 18	14° 3'46	1♌29	1°18	26°48	9° 6	25°31	12°45	25°22	10°20	13°42	7°53	9° 8	5°51	23° 3	T 28
F 29	3 6 15	15° 4'11	14°29	0°57	27°28	9°47	25°44	12°44	25°21	10°20	13°41	7°R53	9° 5	5°57	23° 0	F 29
S 30	3 10 11	16° 4'38	27° 7	0°26	28° 6	10°29	25°57	12°42	25°19	10°20	13°40	7°52	9° 1	6° 4	22°56	S 30
S 31	3 14 8	17♏ 5'07	9♍29	29♏45	28♐42	11♒10	26♏11	12♋41	25♓18	10♌20	13♈39	7♋50	8♋58	6♏11	22♉53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s43	21n 3	2n 6	15s37	1s45	24s37	3s43	24s29	2s41	16s59	0n45	22n17	0s36	2s14	0s47	17n48	0n 2	10s32	17s31	23n 4	23n 4	8s 0	15n46	3s14
S 2	7 6	18 26	3 3	16 10	1 51	24 51	3 46	24 21	2 40	17 3	0 45	22 17	0 36	2 15	0 47	17 48	0 2	10 33	17 31	23 4	23 5	8 3	15 45	3 15
S 3	7 29	15 0	3 50	16 42	1 57	25 5	3 49	24 13	2 38	17 6	0 45	22 17	0 36	2 16	0 47	17 48	0 2	10 33	17 31	23 5	23 5	8 5	15 44	3 15
M 4	7 51	10 59	4 26	17 13	2 3	25 18	3 53	24 4	2 36	17 9	0 45	22 17	0 36	2 17	0 47	17 47	0 2	10 34	17 31	23 5	23 5	8 8	15 43	3 15
T 5	8 14	6 35	4 49	17 43	2 9	25 31	3 56	23 56	2 34	17 13	0 45	22 17	0 36	2 17	0 47	17 47	0 2	10 34	17 31	23 6	23 5	8 10	15 43	3 15
W 6	8 36	1 57	4 59	18 12	2 14	25 43	3 58	23 47	2 32	17 16	0 44	22 16	0 36	2 18	0 47	17 47	0 2	10 34	17 31	23 7	23 6	8 13	15 42	3 15
T 7	8 58	2s42	4 56	18 41	2 20	25 55	4 1	23 39	2 31	17 20	0 44	22 16	0 36	2 19	0 47	17 47	0 2	10 35	17 31	23 8	23 6	8 15	15 41	3 16
F 8	9 20	7 16	4 41	19 8	2 25	26 6	4 4	23 30	2 29	17 23	0 44	22 16	0 36	2 20	0 47	17 46	0 2	10 35	17 31	23 9	23 6	8 18	15 40	3 16
S 9	9 42	11 32	4 12	19 34	2 29	26 16	4 6	23 20	2 27	17 26	0 44	22 16	0 36	2 21	0 47	17 46	0 2	10 35	17 31	23 10	23 6	8 21	15 39	3 16
S 10	10 4	15 23	3 33	19 58	2 34	26 26	4 9	23 11	2 25	17 30	0 44	22 16	0 36	2 21	0 47	17 46	0 2	10 36	17 31	23 11	23 6	8 23	15 38	3 16
M11	10 26	18 39	2 45	20 22	2 38	26 36	4 11	23 1	2 24	17 33	0 44	22 16	0 36	2 22	0 47	17 46	0 2	10 36	17 31	23 11	23 7	8 26	15 37	3 17
T 12	10 48	21 8	1 49	20 44	2 41	26 44	4 13	22 52	2 22	17 37	0 44	22 16	0 36	2 23	0 47	17 45	0 2	10 37	17 31	23 12	23 7	8 28	15 36	3 17
W13	11 9	22 43	0 47	21 5	2 45	26 53	4 15	22 42	2 20	17 40	0 44	22 16	0 36	2 24	0 47	17 45	0 2	10 37	17 31	23 12	23 7	8 31	15 35	3 17
T 14	11 30	23 14	0s18	21 24	2 47	27 0	4 17	22 32	2 18	17 43	0 44	22 16	0 36	2 24	0 47	17 45	0 2	10 37	17 30	23 12	23 7	8 34	15 35	3 17
F 15	11 51	22 35	1 24	21 42	2 50	27 7	4 18	22 21	2 17	17 47	0 43	22 16	0 36	2 25	0 46	17 45	0 2	10 37	17 30	23 12	23 8	8 36	15 34	3 17
S 16	12 12	20 45	2 28	21 59	2 51	27 14	4 20	22 11	2 15	17 50	0 43	22 16	0 36	2 26	0 46	17 45	0 2	10 38	17 30	23 12	23 8	8 39	15 33	3 18
S 17	12 33	17 44	3 25	22 13	2 52	27 20	4 21	22 0	2 13	17 54	0 43	22 16	0 36	2 27	0 46	17 45	0 2	10 38	17 30	23 12	23 8	8 41	15 32	3 18
M18	12 53	13 38	4 13	22 26	2 53	27 25	4 22	21 49	2 11	17 57	0 43	22 16	0 36	2 27	0 46	17 44	0 2	10 38	17 30	23 12	23 8	8 44	15 31	3 18
T 19	13 14	8 39	4 47	22 38	2 53	27 30	4 23	21 38	2 10	18 0	0 43	22 16	0 36	2 28	0 46	17 44	0 2	10 39	17 30	23 13	23 9	8 46	15 30	3 18
W20	13 34	3 0	5 3	22 47	2 52	27 34	4 24	21 27	2 8	18 4	0 43	22 16	0 36	2 28	0 46	17 44	0 2	10 39	17 30	23 13	23 9	8 49	15 29	3 18
T 21	13 53	2n56	4 58	22 54	2 50	27 38	4 25	21 16	2 6	18 7	0 43	22 17	0 36	2 29	0 46	17 44	0 2	10 39	17 30	23 14	23 9	8 52	15 28	3 18
F 22	14 13	8 47	4 33	22 58	2 47	27 41	4 25	21 4	2 5	18 10	0 43	22 17	0 36	2 30	0 46	17 44	0 2	10 39	17 29	23 14	23 9	8 54	15 27	3 19
S 23	14 32	14 6	3 47	23 1	2 43	27 44	4 25	20 53	2 3	18 14	0 43	22 17	0 36	2 30	0 46	17 44	0 2	10 40	17 29	23 15	23 10	8 57	15 26	3 19
S 24	14 52	18 27	2 46	23 0	2 38	27 46	4 25	20 41	2 1	18 17	0 42	22 17	0 36	2 31	0 46	17 44	0 2	10 40	17 29	23 15	23 10	8 59	15 25	3 19
M25	15 10	21 31	1 35	22 57	2 31	27 47	4 24	20 29	1 59	18 20	0 42	22 17	0 35	2 31	0 46	17 44	0 2	10 40	17 29	23 15	23 10	9 2	15 24	3 19
T 26	15 29	23 6	0 20	22 51	2 24	27 49	4 24	20 16	1 58	18 23	0 42	22 17	0 35	2 32	0 46	17 44	0 2	10 40	17 29	23 16	23 10	9 4	15 23	3 19
W27	15 48	23 10	0n54	22 42	2 14	27 49	4 23	20 4	1 56	18 27	0 42	22 17	0 35	2 33	0 46	17 44	0 2	10 40	17 29	23 15	23 10	9 7	15 22	3 19
T 28	16 6	21 53	2 3	22 29	2 4	27 49	4 22	19 52	1 54	18 30	0 42	22 18	0 35	2 33	0 46	17 44	0 2	10 41	17 28	23 15	23 11	9 9	15 21	3 20
F 29	16 24	19 27	3 4	22 12	1 51	27 49	4 21	19 39	1 53	18 33	0 42	22 18	0 35	2 34	0 46	17 44	0 2	10 41	17 28	23 15	23 11	9 12	15 20	3 20
S 30	16 41	16 9	3 53	21 52	1 37	27 48	4 19	19 26	1 51	18 36	0 42	22 18	0 35	2 34	0 46	17 44	0 2	10 41	17 28	23 15	23 11	9 15	15 19	3 20
S 31	16s58	12n12	4n31	21s28	1s22	27s46	4s17	19s13	1s49	18s40	0n42	22n18	0s35	2s34	0s46	17n43	0n 2	10s41	17s28	23n16	23n11	9s17	15n18	3s20

Julian Day Number = 2302443.5, Delta T = 100.58 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'35, Lahiri = 18°09'36 Julian Calendar 1 Oct. 1591 == Greg. Calendar 11 Oct. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

NOVEMBER 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 18 4	18♏ 5'38	21♍38	28°R54	29♐18	11♒52	26♏24	12°R39	25°R17	10♌20	13°R38	7°R45	8♋55	6♏18	22°R50	M 1
T 2	3 22 1	19° 6'10	3♎38	27♏53	29°52	12°33	26°37	12♋37	25♓16	10°20	13♈37	7♋38	8°52	6°24	22♉46	T 2
W 3	3 25 57	20° 6'45	15°33	26°44	0♑25	13°15	26°51	12°35	25°15	10°R20	13°37	7°29	8°49	6°31	22°43	W 3
T 4	3 29 54	21° 7'20	27°25	25°29	0°56	13°57	27° 4	12°33	25°14	10°20	13°36	7°20	8°46	6°38	22°40	T 4
F 5	3 33 50	22° 7'58	9♏16	24° 9	1°26	14°38	27°17	12°31	25°13	10°20	13°35	7°10	8°42	6°44	22°36	F 5
S 6	3 37 47	23° 8'37	21° 8	22°48	1°54	15°20	27°31	12°29	25°12	10°20	13°34	7° 2	8°39	6°51	22°33	S 6
S 7	3 41 43	24° 9'18	3♐ 2	21°27	2°21	16° 2	27°44	12°26	25°11	10°20	13°33	6°55	8°36	6°58	22°29	S 7
M 8	3 45 40	25°10'00	15° 1	20°10	2°45	16°44	27°58	12°24	25°10	10°20	13°32	6°51	8°33	7° 5	22°26	M 8
T 9	3 49 37	26°10'43	27° 5	18°58	3° 8	17°27	28°11	12°21	25° 9	10°20	13°31	6°48	8°30	7°11	22°23	T 9
W10	3 53 33	27°11'28	9♑18	17°55	3°30	18° 9	28°25	12°19	25° 8	10°20	13°31	6°D48	8°26	7°18	22°19	W10
T 11	3 57 30	28°12'13	21°42	17° 2	3°49	18°51	28°38	12°16	25° 7	10°19	13°30	6°48	8°23	7°25	22°16	T 11
F 12	4 1 26	29°13'00	4♒20	16°20	4° 6	19°33	28°51	12°13	25° 7	10°19	13°29	6°50	8°20	7°31	22°13	F 12
S 13	4 5 23	0♐13'48	17°16	15°49	4°21	20°15	29° 5	12°10	25° 6	10°19	13°28	6°52	8°17	7°38	22° 9	S 13
S 14	4 9 19	1°14'37	0♓32	15°30	4°35	20°58	29°18	12° 7	25° 6	10°18	13°28	6°R52	8°14	7°45	22° 6	S 14
M15	4 13 16	2°15'26	14°13	15°D22	4°45	21°40	29°32	12° 4	25° 5	10°18	13°27	6°52	8°11	7°51	22° 3	M15
T 16	4 17 13	3°16'17	28°19	15°24	4°54	22°23	29°45	12° 1	25° 5	10°18	13°26	6°49	8° 7	7°58	21°59	T 16
W17	4 21 9	4°17'08	12♈48	15°37	5° 1	23° 5	29°59	11°57	25° 4	10°17	13°26	6°46	8° 4	8° 5	21°56	W17
T 18	4 25 6	5°18'00	27°38	16° 0	5° 5	23°48	0♐12	11°54	25° 4	10°17	13°25	6°41	8° 1	8°12	21°53	T 18
F 19	4 29 2	6°18'53	12♉42	16°30	5°R 6	24°30	0°25	11°50	25° 3	10°16	13°24	6°37	7°58	8°18	21°50	F 19
S 20	4 32 59	7°19'48	27°51	17° 8	5° 6	25°13	0°39	11°47	25° 3	10°16	13°24	6°33	7°55	8°25	21°47	S 20
S 21	4 36 55	8°20'43	12♊55	17°53	5° 2	25°56	0°52	11°43	25° 3	10°15	13°23	6°30	7°52	8°32	21°43	S 21
M22	4 40 52	9°21'39	27°44	18°44	4°57	26°38	1° 6	11°39	25° 3	10°14	13°22	6°28	7°48	8°38	21°40	M22
T 23	4 44 48	10°22'36	12♋13	19°40	4°48	27°21	1°19	11°36	25° 3	10°14	13°22	6°D28	7°45	8°45	21°37	T 23
W24	4 48 45	11°23'35	26°15	20°40	4°38	28° 4	1°32	11°32	25° 3	10°13	13°21	6°29	7°42	8°52	21°34	W24
T 25	4 52 42	12°24'34	9♌50	21°45	4°24	28°46	1°46	11°28	25°D 3	10°12	13°21	6°30	7°39	8°59	21°31	T 25
F 26	4 56 38	13°25'35	22°59	22°53	4° 9	29°29	1°59	11°24	25° 3	10°12	13°20	6°32	7°36	9° 5	21°28	F 26
S 27	5 0 35	14°26'36	5♍44	24° 4	3°51	0♓12	2°12	11°20	25° 3	10°11	13°20	6°33	7°32	9°12	21°25	S 27
S 28	5 4 31	15°27'39	18° 9	25°17	3°30	0°55	2°26	11°16	25° 3	10°10	13°19	6°R33	7°29	9°19	21°22	S 28
M29	5 8 28	16°28'42	0♎19	26°33	3° 8	1°38	2°39	11°11	25° 3	10° 9	13°19	6°33	7°26	9°25	21°19	M29
T 30	5 12 24	17♐29'47	12♎18	27♏51	2♑43	2♓20	2♐52	11♋ 7	25♓ 3	10♌ 8	13♈19	6♋31	7♋23	9♏32	21♉16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s15	7n50	4n55	21s 0	1s 4	27s44	4s15	19s 0	1s48	18s43	0n42	22n18	0s35	2s35	0s46	17n43	0n 2	10s41	17s27	23n16	23n11	9s20	15n17	3s20
T 2	17 32	3 14	5 6	20 29	0 46	27 42	4 12	18 46	1 46	18 46	0 42	22 19	0 35	2 35	0 46	17 43	0 2	10 41	17 27	23 16	23 12	9 22	15 17	3 20
W 3	17 49	1s28	5 4	19 54	0 26	27 39	4 9	18 33	1 45	18 49	0 42	22 19	0 35	2 36	0 46	17 43	0 2	10 42	17 27	23 17	23 12	9 25	15 16	3 20
T 4	18 5	6 5	4 49	19 16	0 6	27 35	4 6	18 19	1 43	18 52	0 41	22 19	0 35	2 36	0 46	17 43	0 2	10 42	17 27	23 17	23 12	9 27	15 15	3 20
F 5	18 21	10 29	4 21	18 37	0n14	27 31	4 2	18 6	1 41	18 56	0 41	22 19	0 35	2 36	0 46	17 44	0 2	10 42	17 27	23 18	23 12	9 30	15 14	3 21
S 6	18 36	14 31	3 42	17 57	0 35	27 27	3 59	17 52	1 40	18 59	0 41	22 20	0 35	2 37	0 46	17 44	0 2	10 42	17 26	23 18	23 13	9 33	15 13	3 21
S 7	18 51	17 59	2 53	17 17	0 55	27 22	3 54	17 37	1 38	19 2	0 41	22 20	0 35	2 37	0 46	17 44	0 2	10 42	17 26	23 19	23 13	9 35	15 12	3 21
M 8	19 6	20 44	1 55	16 39	1 13	27 17	3 50	17 23	1 37	19 5	0 41	22 20	0 35	2 37	0 46	17 44	0 2	10 42	17 26	23 19	23 13	9 38	15 11	3 21
T 9	19 20	22 35	0 53	16 3	1 31	27 12	3 45	17 9	1 35	19 8	0 41	22 20	0 35	2 38	0 46	17 44	0 2	10 42	17 26	23 19	23 13	9 40	15 10	3 21
W10	19 34	23 24	0s14	15 31	1 46	27 6	3 39	16 54	1 33	19 11	0 41	22 21	0 35	2 38	0 46	17 44	0 2	10 42	17 25	23 19	23 13	9 43	15 9	3 21
T 11	19 48	23 4	1 20	15 3	1 59	26 59	3 33	16 40	1 32	19 14	0 41	22 21	0 35	2 38	0 46	17 44	0 2	10 42	17 25	23 19	23 14	9 45	15 8	3 21
F 12	20 2	21 33	2 24	14 40	2 11	26 52	3 27	16 25	1 30	19 17	0 41	22 21	0 35	2 39	0 46	17 44	0 2	10 42	17 25	23 19	23 14	9 48	15 7	3 21
S 13	20 15	18 55	3 23	14 23	2 20	26 45	3 20	16 10	1 29	19 20	0 41	22 22	0 35	2 39	0 45	17 44	0 2	10 42	17 25	23 19	23 14	9 50	15 6	3 21
S 14	20 27	15 14	4 12	14 10	2 27	26 38	3 13	15 55	1 27	19 23	0 41	22 22	0 35	2 39	0 45	17 44	0 2	10 42	17 24	23 19	23 14	9 53	15 5	3 21
M15	20 40	10 39	4 48	14 3	2 32	26 29	3 5	15 40	1 26	19 26	0 41	22 22	0 34	2 39	0 45	17 44	0 2	10 42	17 24	23 19	23 14	9 56	15 4	3 21
T 16	20 51	5 24	5 9	14 1	2 35	26 21	2 57	15 25	1 24	19 29	0 41	22 23	0 34	2 39	0 45	17 44	0 2	10 42	17 24	23 19	23 15	9 58	15 4	3 21
W17	21 3	0n18	5 11	14 3	2 37	26 12	2 48	15 9	1 23	19 32	0 41	22 23	0 34	2 39	0 45	17 45	0 2	10 42	17 23	23 19	23 15	10 1	15 3	3 22
T 18	21 14	6 7	4 52	14 9	2 37	26 3	2 39	14 54	1 21	19 35	0 40	22 23	0 34	2 40	0 45	17 45	0 2	10 42	17 23	23 19	23 15	10 3	15 2	3 22
F 19	21 25	11 40	4 13	14 19	2 36	25 53	2 30	14 38	1 20	19 38	0 40	22 24	0 34	2 40	0 45	17 45	0 2	10 42	17 23	23 20	23 15	10 6	15 1	3 22
S 20	21 35	16 32	3 16	14 31	2 34	25 43	2 20	14 22	1 18	19 40	0 40	22 24	0 34	2 40	0 45	17 45	0 2	10 42	17 22	23 20	23 15	10 8	15 0	3 22
S 21	21 45	20 19	2 6	14 47	2 31	25 33	2 9	14 6	1 17	19 43	0 40	22 25	0 34	2 40	0 45	17 45	0 2	10 42	17 22	23 20	23 15	10 11	14 59	3 22
M22	21 54	22 41	0 48	15 4	2 27	25 22	1 58	13 51	1 15	19 46	0 40	22 25	0 34	2 40	0 45	17 45	0 3	10 42	17 22	23 20	23 16	10 13	14 58	3 22
T 23	22 3	23 27	0n32	15 24	2 23	25 10	1 46	13 34	1 14	19 49	0 40	22 25	0 34	2 40	0 45	17 46	0 3	10 42	17 22	23 20	23 16	10 16	14 58	3 22
W24	22 12	22 42	1 47	15 45	2 17	24 59	1 34	13 18	1 12	19 52	0 40	22 26	0 34	2 40	0 45	17 46	0 3	10 42	17 21	23 20	23 16	10 18	14 57	3 22
T 25	22 20	20 36	2 53	16 7	2 12	24 46	1 21	13 2	1 11	19 54	0 40	22 26	0 34	2 40	0 45	17 46	0 3	10 42	17 21	23 20	23 16	10 21	14 56	3 22
F 26	22 28	17 29	3 49	16 31	2 5	24 34	1 8	12 46	1 9	19 57	0 40	22 27	0 34	2 40	0 45	17 46	0 3	10 42	17 21	23 20	23 16	10 24	14 55	3 22
S 27	22 35	13 37	4 31	16 55	1 59	24 21	0 55	12 29	1 8	20 0	0 40	22 27	0 34	2 40	0 45	17 46	0 3	10 42	17 20	23 20	23 17	10 26	14 54	3 22
S 28	22 42	9 17	4 59	17 19	1 52	24 8	0 41	12 13	1 7	20 2	0 40	22 27	0 34	2 40	0 45	17 47	0 3	10 42	17 20	23 20	23 17	10 29	14 54	3 22
M29	22 48	4 40	5 13	17 44	1 45	23 54	0 27	11 56	1 5	20 5	0 40	22 28	0 33	2 39	0 45	17 47	0 3	10 41	17 20	23 20	23 17	10 31	14 53	3 22
T 30	22s54	0s 3	5n14	18s 8	1n38	23s40	0s12	11s39	1s 4	20s 8	0n40	22n28	0s33	2s39	0s45	17n47	0n 3	10s41	17s19	23n20	23n17	10s34	14n52	3s22

Julian Day Number = 2302474.5, Delta T = 100.45 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'39, Lahiri = 18°09'40 Julian Calendar 1 Nov. 1591 == Greg. Calendar 11 Nov. 1591

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ASTRODIENST EPHEMERIS for the year 1591
geocentric

DECEMBER 1591 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 16 21	18♐30'52	24♎10	29♏11	2°R16	3♓ 3	3♐ 5	11°R 3	25♓ 3	10°R 7	13°R18	6°R29	7♋20	9♏39	21°R13	W 1
T 2	5 20 17	19°31'59	6♏ 0	0♐32	1♑48	3°46	3°19	10♋58	25° 4	10♌ 7	13♈18	6♋26	7°17	9°45	21♉10	T 2
F 3	5 24 14	20°33'06	17°52	1°54	1°18	4°29	3°32	10°54	25° 4	10° 6	13°17	6°23	7°13	9°52	21° 7	F 3
S 4	5 28 11	21°34'14	29°46	3°17	0°46	5°12	3°45	10°49	25° 5	10° 5	13°17	6°21	7°10	9°59	21° 4	S 4
S 5	5 32 7	22°35'22	11♐47	4°42	0°12	5°55	3°58	10°45	25° 5	10° 4	13°17	6°19	7° 7	10° 6	21° 2	S 5
M 6	5 36 4	23°36'32	23°56	6° 7	29♐38	6°38	4°11	10°40	25° 6	10° 3	13°16	6°18	7° 4	10°12	20°59	M 6
T 7	5 40 0	24°37'41	6♑15	7°33	29° 3	7°21	4°24	10°35	25° 6	10° 2	13°16	6°D17	7° 1	10°19	20°56	T 7
W 8	5 43 57	25°38'51	18°43	9° 0	28°27	8° 4	4°37	10°31	25° 7	10° 0	13°16	6°18	6°58	10°26	20°54	W 8
T 9	5 47 53	26°40'02	1♒24	10°28	27°51	8°47	4°50	10°26	25° 8	9°59	13°16	6°18	6°54	10°32	20°51	T 9
F 10	5 51 50	27°41'12	14°18	11°56	27°14	9°30	5° 3	10°21	25° 8	9°58	13°16	6°19	6°51	10°39	20°49	F 10
S 11	5 55 46	28°42'23	27°25	13°24	26°38	10°13	5°16	10°16	25° 9	9°57	13°15	6°20	6°48	10°46	20°46	S 11
S 12	5 59 43	29°43'33	10♓49	14°53	26° 2	10°56	5°29	10°12	25°10	9°56	13°15	6°21	6°45	10°52	20°44	S 12
M13	6 3 40	0♑44'44	24°28	16°23	25°26	11°39	5°42	10° 7	25°11	9°55	13°15	6°21	6°42	10°59	20°41	M13
T 14	6 7 36	1°45'54	8♈25	17°53	24°51	12°22	5°55	10° 2	25°12	9°53	13°15	6°R21	6°38	11° 6	20°39	T 14
W15	6 11 33	2°47'04	22°37	19°23	24°18	13° 5	6° 8	9°57	25°13	9°52	13°15	6°21	6°35	11°13	20°37	W15
T 16	6 15 29	3°48'14	7♉ 4	20°54	23°45	13°49	6°20	9°52	25°14	9°51	13°15	6°20	6°32	11°19	20°35	T 16
F 17	6 19 26	4°49'24	21°41	22°25	23°14	14°32	6°33	9°47	25°15	9°50	13°15	6°20	6°29	11°26	20°32	F 17
S 18	6 23 22	5°50'33	6♊23	23°56	22°45	15°15	6°46	9°42	25°16	9°48	13°D15	6°D20	6°26	11°33	20°30	S 18
S 19	6 27 19	6°51'43	21° 5	25°28	22°18	15°58	6°58	9°37	25°18	9°47	13°15	6°20	6°23	11°39	20°28	S 19
M20	6 31 15	7°52'52	5♋38	27° 0	21°52	16°41	7°11	9°32	25°19	9°46	13°15	6°R20	6°19	11°46	20°26	M20
T 21	6 35 12	8°54'02	19°58	28°33	21°29	17°24	7°23	9°27	25°20	9°44	13°15	6°20	6°16	11°53	20°24	T 21
W22	6 39 9	9°55'11	3♌58	0♑ 6	21° 8	18° 7	7°36	9°22	25°21	9°43	13°15	6°20	6°13	11°59	20°23	W22
T 23	6 43 5	10°56'20	17°35	1°39	20°49	18°50	7°48	9°17	25°23	9°41	13°15	6°19	6°10	12° 6	20°21	T 23
F 24	6 47 2	11°57'30	0♍49	3°13	20°33	19°33	8° 0	9°12	25°24	9°40	13°15	6°19	6° 7	12°13	20°19	F 24
S 25	6 50 58	12°58'39	13°40	4°47	20°19	20°16	8°12	9° 7	25°26	9°38	13°15	6°18	6° 4	12°20	20°17	S 25
S 26	6 54 55	13°59'48	26°11	6°22	20° 8	20°59	8°25	9° 3	25°27	9°37	13°15	6°17	6° 0	12°26	20°16	S 26
M27	6 58 51	15° 0'57	8♎25	7°57	19°59	21°42	8°37	8°58	25°29	9°36	13°16	6°17	5°57	12°33	20°14	M27
T 28	7 2 48	16° 2'06	20°26	9°32	19°53	22°25	8°49	8°53	25°31	9°34	13°16	6°D17	5°54	12°40	20°13	T 28
W29	7 6 45	17° 3'14	2♏19	11° 8	19°49	23° 8	9° 1	8°48	25°32	9°32	13°16	6°17	5°51	12°46	20°11	W29
T 30	7 10 41	18° 4'23	14° 9	12°45	19°D47	23°51	9°13	8°43	25°34	9°31	13°16	6°18	5°48	12°53	20°10	T 30
F 31	7 14 38	19♑ 5'32	26♏ 1	14♑21	19♐49	24♓34	9♐25	8♋38	25♓36	9♌29	13♈17	6♋19	5♋44	13♏ 0	20♉ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 0	4s44	5n 0	18s33	1n30	23s25	0n 3	11s23	1s 2	20s10	0n40	22n29	0s33	2s39	0s45	17n47	0n 3	10s41	17s19	23n20	23n17	10s36	14n51	3s22
T 2	23 5	9 14	4 34	18 58	1 23	23 11	0 18	11 6	1 1	20 13	0 40	22 29	0 33	2 39	0 45	17 48	0 3	10 41	17 19	23 20	23 17	10 39	14 51	3 22
F 3	23 9	13 24	3 57	19 22	1 15	22 56	0 34	10 49	1 0	20 15	0 40	22 30	0 33	2 39	0 45	17 48	0 3	10 41	17 18	23 20	23 18	10 41	14 50	3 22
S 4	23 13	17 5	3 9	19 46	1 7	22 40	0 49	10 32	0 58	20 18	0 40	22 30	0 33	2 39	0 45	17 48	0 3	10 41	17 18	23 20	23 18	10 44	14 49	3 22
S 5	23 17	20 5	2 12	20 9	1 0	22 25	1 5	10 15	0 57	20 20	0 40	22 30	0 33	2 38	0 45	17 48	0 3	10 40	17 18	23 20	23 18	10 46	14 48	3 22
M 6	23 20	22 13	1 8	20 32	0 52	22 9	1 20	9 57	0 56	20 23	0 40	22 31	0 33	2 38	0 45	17 49	0 3	10 40	17 17	23 21	23 18	10 49	14 48	3 22
T 7	23 23	23 20	0 0	20 54	0 44	21 53	1 36	9 40	0 54	20 25	0 39	22 31	0 33	2 38	0 45	17 49	0 3	10 40	17 17	23 21	23 18	10 51	14 47	3 22
W 8	23 25	23 19	1s 8	21 15	0 36	21 37	1 52	9 23	0 53	20 28	0 39	22 32	0 33	2 38	0 44	17 49	0 3	10 40	17 16	23 21	23 19	10 54	14 47	3 22
T 9	23 27	22 5	2 15	21 35	0 29	21 22	2 7	9 5	0 52	20 30	0 39	22 32	0 33	2 37	0 44	17 50	0 3	10 39	17 16	23 20	23 19	10 56	14 46	3 22
F 10	23 28	19 42	3 16	21 55	0 21	21 6	2 22	8 48	0 50	20 33	0 39	22 33	0 33	2 37	0 44	17 50	0 3	10 39	17 16	23 20	23 19	10 59	14 45	3 22
S 11	23 29	16 16	4 7	22 14	0 14	20 50	2 37	8 30	0 49	20 35	0 39	22 33	0 32	2 36	0 44	17 50	0 3	10 39	17 15	23 20	23 19	11 2	14 45	3 22
S 12	23 30	11 57	4 47	22 32	0 6	20 35	2 51	8 13	0 48	20 37	0 39	22 34	0 32	2 36	0 44	17 51	0 3	10 39	17 15	23 20	23 19	11 4	14 44	3 21
M13	23 29	6 57	5 11	22 49	0s 1	20 19	3 6	7 55	0 46	20 40	0 39	22 34	0 32	2 36	0 44	17 51	0 3	10 38	17 15	23 20	23 19	11 7	14 44	3 21
T 14	23 29	1 31	5 17	23 4	0 8	20 4	3 19	7 38	0 45	20 42	0 39	22 35	0 32	2 35	0 44	17 51	0 3	10 38	17 14	23 20	23 19	11 9	14 43	3 21
W15	23 28	4n 6	5 5	23 19	0 15	19 50	3 32	7 20	0 44	20 44	0 39	22 35	0 32	2 35	0 44	17 52	0 3	10 38	17 14	23 20	23 20	11 12	14 42	3 21
T 16	23 26	9 36	4 33	23 33	0 22	19 36	3 45	7 2	0 43	20 46	0 39	22 36	0 32	2 34	0 44	17 52	0 3	10 37	17 14	23 20	23 20	11 14	14 42	3 21
F 17	23 24	14 38	3 43	23 45	0 29	19 23	3 57	6 44	0 41	20 48	0 39	22 36	0 32	2 34	0 44	17 52	0 3	10 37	17 13	23 20	23 20	11 17	14 41	3 21
S 18	23 22	18 49	2 39	23 57	0 36	19 10	4 8	6 27	0 40	20 51	0 39	22 37	0 32	2 33	0 44	17 53	0 3	10 37	17 13	23 20	23 20	11 19	14 41	3 21
S 19	23 19	21 48	1 24	24 7	0 42	18 57	4 19	6 9	0 39	20 53	0 39	22 37	0 32	2 33	0 44	17 53	0 3	10 36	17 12	23 20	23 20	11 22	14 40	3 21
M20	23 15	23 18	0 4	24 16	0 48	18 46	4 29	5 51	0 38	20 55	0 39	22 37	0 32	2 32	0 44	17 53	0 3	10 36	17 12	23 20	23 20	11 24	14 40	3 21
T 21	23 12	23 14	1n15	24 23	0 54	18 35	4 39	5 33	0 36	20 57	0 39	22 38	0 31	2 32	0 44	17 54	0 3	10 36	17 12	23 20	23 21	11 27	14 40	3 21
W22	23 7	21 42	2 28	24 30	1 0	18 25	4 47	5 15	0 35	20 59	0 39	22 38	0 31	2 31	0 44	17 54	0 3	10 35	17 11	23 20	23 21	11 29	14 39	3 21
T 23	23 2	18 55	3 30	24 35	1 6	18 16	4 55	4 57	0 34	21 1	0 39	22 39	0 31	2 31	0 44	17 55	0 3	10 35	17 11	23 20	23 21	11 32	14 39	3 21
F 24	22 57	15 14	4 19	24 39	1 12	18 7	5 3	4 39	0 33	21 3	0 39	22 39	0 31	2 30	0 44	17 55	0 3	10 35	17 11	23 20	23 21	11 34	14 38	3 21
S 25	22 51	10 56	4 53	24 41	1 17	17 59	5 10	4 21	0 32	21 5	0 39	22 40	0 31	2 29	0 44	17 55	0 3	10 34	17 10	23 20	23 21	11 37	14 38	3 21
S 26	22 45	6 18	5 12	24 42	1 22	17 53	5 16	4 3	0 30	21 7	0 39	22 40	0 31	2 29	0 44	17 56	0 3	10 34	17 10	23 21	23 21	11 39	14 38	3 20
M27	22 39	1 31	5 17	24 42	1 27	17 46	5 21	3 45	0 29	21 9	0 39	22 41	0 31	2 28	0 44	17 56	0 3	10 33	17 10	23 21	23 21	11 42	14 37	3 20
T 28	22 32	3s15	5 8	24 40	1 32	17 41	5 26	3 27	0 28	21 11	0 39	22 41	0 31	2 27	0 44	17 57	0 3	10 33	17 9	23 21	23 22	11 44	14 37	3 20
W29	22 24	7 50	4 45	24 37	1 36	17 36	5 30	3 9	0 27	21 13	0 39	22 42	0 31	2 27	0 44	17 57	0 3	10 33	17 9	23 21	23 22	11 47	14 37	3 20
T 30	22 16	12 8	4 11	24 32	1 40	17 33	5 34	2 51	0 26	21 14	0 39	22 42	0 30	2 26	0 44	17 57	0 3	10 32	17 8	23 20	23 22	11 49	14 37	3 20
F 31	22s 8	15s58	3n25	24s26	1s44	17s30	5n37	2s33	0s25	21s16	0n39	22n42	0s30	2s25	0s44	17n58	0n 3	10s32	17s 8	23n20	23n22	11s52	14n36	3s20

Julian Day Number = 2302504.5, Delta T = 100.33 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'43, Lahiri = 18°09'44 Julian Calendar 1 Dec. 1591 == Greg. Calendar 11 Dec. 1591

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1592
geocentric

JANUARY 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 18 34	20♑ 6'40	7♐59	15♑59	19♐52	25♓17	9♐36	8°R33	25♓38	9°R28	13♈17	6♋21	5♋41	13♏ 6	20°R 7	S 1
S 2	7 22 31	21° 7'48	20° 5	17°37	19°58	26° 0	9°48	8♋28	25°39	9♎26	13°17	6°22	5°38	13°13	20♉ 6	S 2
M 3	7 26 27	22° 8'55	2♑25	19°15	20° 6	26°43	10° 0	8°24	25°41	9°25	13°18	6°R22	5°35	13°20	20° 5	M 3
T 4	7 30 24	23°10'02	14°58	20°54	20°17	27°26	10°11	8°19	25°43	9°23	13°18	6°22	5°32	13°26	20° 4	T 4
W 5	7 34 20	24°11'09	27°46	22°34	20°29	28° 8	10°23	8°14	25°45	9°21	13°18	6°21	5°29	13°33	20° 3	W 5
T 6	7 38 17	25°12'15	10♒50	24°14	20°44	28°51	10°34	8°10	25°47	9°20	13°19	6°19	5°25	13°40	20° 2	T 6
F 7	7 42 14	26°13'19	24° 8	25°55	21° 1	29°34	10°46	8° 5	25°49	9°18	13°19	6°16	5°22	13°47	20° 1	F 7
S 8	7 46 10	27°14'23	7♓40	27°36	21°20	0♈17	10°57	8° 0	25°51	9°17	13°20	6°13	5°19	13°53	20° 0	S 8
S 9	7 50 7	28°15'26	21°23	29°18	21°40	1° 0	11° 8	7°56	25°54	9°15	13°20	6°10	5°16	14° 0	20° 0	S 9
M10	7 54 3	29°16'28	5♈15	1♒ 0	22° 3	1°43	11°19	7°51	25°56	9°13	13°21	6° 8	5°13	14° 7	19°59	M10
T 11	7 58 0	0♒17'29	19°16	2°43	22°28	2°26	11°30	7°47	25°58	9°12	13°21	6° 6	5°10	14°13	19°59	T 11
W12	8 1 56	1°18'28	3♉23	4°27	22°54	3° 8	11°41	7°43	26° 0	9°10	13°22	6°D 6	5° 6	14°20	19°58	W12
T 13	8 5 53	2°19'27	17°34	6°11	23°21	3°51	11°52	7°38	26° 3	9° 8	13°22	6° 6	5° 3	14°27	19°58	T 13
F 14	8 9 49	3°20'24	1♊47	7°56	23°51	4°34	12° 3	7°34	26° 5	9° 7	13°23	6° 8	5° 0	14°33	19°57	F 14
S 15	8 13 46	4°21'20	16° 1	9°41	24°22	5°17	12°14	7°30	26° 7	9° 5	13°23	6° 9	4°57	14°40	19°57	S 15
S 16	8 17 43	5°22'14	0♋13	11°27	24°54	5°59	12°24	7°26	26°10	9° 3	13°24	6°R10	4°54	14°47	19°57	S 16
M17	8 21 39	6°23'08	14°19	13°13	25°28	6°42	12°35	7°22	26°12	9° 2	13°25	6°10	4°50	14°54	19°57	M17
T 18	8 25 36	7°24'00	28°15	15° 0	26° 4	7°25	12°45	7°18	26°15	9° 0	13°25	6° 8	4°47	15° 0	19°D57	T 18
W19	8 29 32	8°24'51	11♌58	16°46	26°40	8° 7	12°55	7°14	26°17	8°58	13°26	6° 5	4°44	15° 7	19°57	W19
T 20	8 33 29	9°25'40	25°25	18°33	27°18	8°50	13° 5	7°10	26°20	8°56	13°27	6° 0	4°41	15°14	19°57	T 20
F 21	8 37 25	10°26'29	8♍34	20°20	27°58	9°33	13°15	7° 6	26°22	8°55	13°27	5°54	4°38	15°20	19°57	F 21
S 22	8 41 22	11°27'16	21°24	22° 7	28°38	10°15	13°25	7° 3	26°25	8°53	13°28	5°48	4°35	15°27	19°57	S 22
S 23	8 45 18	12°28'03	3♎56	23°53	29°20	10°58	13°35	6°59	26°28	8°51	13°29	5°42	4°31	15°34	19°57	S 23
M24	8 49 15	13°28'48	16°11	25°39	0♑ 2	11°40	13°45	6°56	26°30	8°50	13°30	5°37	4°28	15°40	19°58	M24
T 25	8 53 12	14°29'32	28°14	27°24	0°46	12°23	13°55	6°52	26°33	8°48	13°31	5°34	4°25	15°47	19°58	T 25
W26	8 57 8	15°30'16	10♏ 8	29° 8	1°31	13° 5	14° 4	6°49	26°36	8°46	13°31	5°32	4°22	15°54	19°59	W26
T 27	9 1 5	16°30'58	21°59	0♓50	2°16	13°47	14°14	6°46	26°39	8°45	13°32	5°D32	4°19	16° 0	19°59	T 27
F 28	9 5 1	17°31'39	3♐50	2°31	3° 3	14°30	14°23	6°43	26°41	8°43	13°33	5°33	4°16	16° 7	20° 0	F 28
S 29	9 8 58	18°32'19	15°48	4° 9	3°51	15°12	14°32	6°39	26°44	8°41	13°34	5°35	4°12	16°14	20° 1	S 29
S 30	9 12 54	19°32'57	27°58	5°44	4°39	15°55	14°41	6°36	26°47	8°40	13°35	5°36	4° 9	16°20	20° 1	S 30
M31	9 16 51	20♒33'35	10♑23	7♓16	5♑28	16♈37	14♐50	6♋34	26♓50	8♎38	13♈36	5°R36	4♋ 6	16♏27	20♉ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s59	19s12	2n31	24s19	1s47	17s27	5n40	2s15	0s24	21s18	0n39	22n43	0s30	2s25	0s44	17n58	0n 3	10s31	17s 8	23n20	23n22	11s54	14n36	3s20
S 2	21 50	21 39	1 29	24 10	1 51	17 25	5 42	1 56	0 23	21 20	0 39	22 43	0 30	2 24	0 44	17 59	0 3	10 31	17 7	23 20	23 22	11 57	14 36	3 20
M 3	21 40	23 6	0 22	23 59	1 54	17 24	5 44	1 38	0 21	21 22	0 39	22 44	0 30	2 23	0 43	17 59	0 3	10 30	17 7	23 20	23 22	11 59	14 36	3 20
T 4	21 30	23 26	0s47	23 47	1 56	17 24	5 45	1 20	0 20	21 23	0 39	22 44	0 30	2 22	0 43	18 0	0 3	10 30	17 7	23 20	23 23	12 2	14 35	3 20
W 5	21 19	22 32	1 55	23 33	1 59	17 24	5 46	1 2	0 19	21 25	0 39	22 45	0 30	2 21	0 43	18 0	0 3	10 29	17 6	23 20	23 23	12 4	14 35	3 19
T 6	21 8	20 25	2 59	23 18	2 1	17 25	5 46	0 44	0 18	21 27	0 39	22 45	0 30	2 20	0 43	18 0	0 3	10 29	17 6	23 20	23 23	12 7	14 35	3 19
F 7	20 57	17 11	3 54	23 1	2 2	17 26	5 46	0 26	0 17	21 28	0 39	22 45	0 29	2 20	0 43	18 1	0 3	10 28	17 6	23 21	23 23	12 9	14 35	3 19
S 8	20 45	12 59	4 37	22 42	2 3	17 27	5 46	0 8	0 16	21 30	0 39	22 46	0 29	2 19	0 43	18 1	0 3	10 28	17 5	23 21	23 23	12 12	14 35	3 19
S 9	20 33	8 5	5 4	22 22	2 4	17 29	5 45	0n10	0 15	21 31	0 39	22 46	0 29	2 18	0 43	18 2	0 3	10 27	17 5	23 21	23 23	12 14	14 35	3 19
M10	20 21	2 43	5 14	22 0	2 5	17 32	5 44	0 28	0 14	21 33	0 39	22 47	0 29	2 17	0 43	18 2	0 3	10 27	17 4	23 21	23 23	12 17	14 35	3 19
T 11	20 8	2n50	5 6	21 37	2 5	17 34	5 43	0 46	0 13	21 34	0 39	22 47	0 29	2 16	0 43	18 3	0 3	10 26	17 4	23 21	23 23	12 19	14 35	3 19
W12	19 55	8 17	4 40	21 12	2 4	17 37	5 41	1 4	0 12	21 36	0 39	22 47	0 29	2 15	0 43	18 3	0 3	10 26	17 4	23 21	23 24	12 22	14 35	3 19
T 13	19 41	13 20	3 56	20 45	2 3	17 41	5 39	1 22	0 11	21 37	0 39	22 48	0 29	2 14	0 43	18 4	0 3	10 25	17 3	23 21	23 24	12 24	14 35	3 19
F 14	19 27	17 40	2 58	20 17	2 2	17 44	5 37	1 40	0 10	21 39	0 39	22 48	0 29	2 13	0 43	18 4	0 3	10 25	17 3	23 21	23 24	12 27	14 35	3 18
S 15	19 13	20 58	1 48	19 47	2 0	17 48	5 34	1 58	0 9	21 40	0 39	22 48	0 28	2 12	0 43	18 5	0 3	10 24	17 3	23 21	23 24	12 29	14 35	3 18
S 16	18 58	22 57	0 33	19 16	1 57	17 52	5 32	2 16	0 8	21 42	0 39	22 49	0 28	2 11	0 43	18 5	0 3	10 24	17 2	23 21	23 24	12 32	14 35	3 18
M17	18 43	23 28	0n44	18 43	1 54	17 56	5 29	2 34	0 7	21 43	0 39	22 49	0 28	2 10	0 43	18 5	0 3	10 23	17 2	23 21	23 24	12 34	14 35	3 18
T 18	18 28	22 29	1 58	18 8	1 51	18 0	5 26	2 51	0 6	21 44	0 39	22 50	0 28	2 9	0 43	18 6	0 3	10 23	17 2	23 21	23 24	12 37	14 35	3 18
W19	18 12	20 10	3 3	17 32	1 47	18 5	5 22	3 9	0 5	21 46	0 39	22 50	0 28	2 8	0 43	18 6	0 3	10 22	17 1	23 21	23 24	12 39	14 35	3 18
T 20	17 56	16 47	3 57	16 55	1 42	18 9	5 19	3 27	0 4	21 47	0 39	22 50	0 28	2 7	0 43	18 7	0 3	10 21	17 1	23 21	23 25	12 42	14 35	3 18
F 21	17 40	12 39	4 37	16 16	1 37	18 14	5 15	3 44	0 3	21 48	0 39	22 51	0 28	2 6	0 43	18 7	0 3	10 21	17 1	23 22	23 25	12 44	14 36	3 17
S 22	17 23	8 2	5 1	15 36	1 30	18 18	5 11	4 2	0 2	21 49	0 39	22 51	0 27	2 5	0 43	18 8	0 3	10 20	17 0	23 22	23 25	12 46	14 36	3 17
S 23	17 6	3 11	5 11	14 54	1 24	18 22	5 7	4 20	0 1	21 50	0 39	22 51	0 27	2 4	0 43	18 8	0 3	10 20	17 0	23 22	23 25	12 49	14 36	3 17
M24	16 49	1s41	5 6	14 12	1 16	18 27	5 3	4 37	0 0	21 52	0 39	22 52	0 27	2 3	0 43	18 9	0 3	10 19	17 0	23 22	23 25	12 51	14 36	3 17
T 25	16 31	6 24	4 47	13 28	1 8	18 31	4 59	4 55	0n 0	21 53	0 39	22 52	0 27	2 2	0 43	18 9	0 3	10 18	16 59	23 22	23 25	12 54	14 36	3 17
W26	16 13	10 50	4 16	12 43	0 59	18 35	4 54	5 12	0 1	21 54	0 39	22 52	0 27	2 1	0 43	18 10	0 3	10 18	16 59	23 23	23 25	12 56	14 37	3 17
T 27	15 55	14 51	3 35	11 58	0 49	18 39	4 50	5 29	0 2	21 55	0 39	22 52	0 27	1 59	0 43	18 10	0 3	10 17	16 59	23 23	23 25	12 59	14 37	3 17
F 28	15 37	18 17	2 44	11 13	0 39	18 43	4 45	5 47	0 3	21 56	0 39	22 53	0 27	1 58	0 43	18 10	0 3	10 17	16 59	23 23	23 25	13 1	14 37	3 17
S 29	15 18	20 59	1 45	10 27	0 28	18 46	4 40	6 4	0 4	21 57	0 39	22 53	0 26	1 57	0 43	18 11	0 3	10 16	16 58	23 22	23 26	13 4	14 38	3 16
S 30	14 59	22 47	0 41	9 41	0 16	18 49	4 35	6 21	0 5	21 58	0 39	22 53	0 26	1 56	0 43	18 11	0 3	10 15	16 58	23 22	23 26	13 6	14 38	3 16
M31	14s40	23s31	0s26	8s55	0s 4	18s53	4n30	6n38	0n 6	21s59	0n39	22n54	0s26	1s55	0s43	18n12	0n 3	10s15	16s58	23n22	23n26	13s 9	14n38	3s16

Julian Day Number = 2302535.5, Delta T = 100.20 sec
Ecliptic obliquity = 23°29'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'48, Lahiri = 18°09'48 Julian Calendar 1 Jan. 1592 == Greg. Calendar 11 Jan. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

FEBRUARY 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 20 47	21♒34'11	23♉ 7	8♓44	6♉18	17♈19	14♐59	6°R31	26♓53	8°R36	13♈37	5°R35	4♋ 3	16♏34	20♉ 3	T 1
W 2	9 24 44	22°34'46	6♒11	10° 7	7° 9	18° 2	15° 8	6♋28	26°56	8♏35	13°38	5♋31	4° 0	16°41	20° 4	W 2
T 3	9 28 41	23°35'19	19°36	11°24	8° 0	18°44	15°17	6°26	26°59	8°33	13°39	5°25	3°56	16°47	20° 5	T 3
F 4	9 32 37	24°35'51	3♓21	12°36	8°52	19°26	15°25	6°23	27° 2	8°32	13°40	5°17	3°53	16°54	20° 6	F 4
S 5	9 36 34	25°36'21	17°21	13°41	9°45	20° 8	15°33	6°21	27° 5	8°30	13°41	5° 9	3°50	17° 1	20° 7	S 5
S 6	9 40 30	26°36'49	1♈33	14°39	10°39	20°50	15°42	6°18	27° 8	8°28	13°42	5° 0	3°47	17° 7	20° 9	S 6
M 7	9 44 27	27°37'15	15°50	15°29	11°33	21°33	15°50	6°16	27°11	8°27	13°43	4°53	3°44	17°14	20°10	M 7
T 8	9 48 23	28°37'39	0♉ 8	16°10	12°27	22°15	15°58	6°14	27°14	8°25	13°44	4°47	3°41	17°21	20°11	T 8
W 9	9 52 20	29°38'02	14°24	16°43	13°23	22°57	16° 6	6°12	27°17	8°24	13°45	4°44	3°37	17°27	20°13	W 9
T 10	9 56 16	0♓38'23	28°34	17° 5	14°18	23°39	16°13	6°10	27°20	8°22	13°46	4°D43	3°34	17°34	20°14	T 10
F 11	10 0 13	1°38'41	12♊37	17°19	15°15	24°21	16°21	6° 9	27°24	8°21	13°47	4°43	3°31	17°41	20°16	F 11
S 12	10 4 10	2°38'58	26°32	17°R22	16°11	25° 3	16°28	6° 7	27°27	8°19	13°48	4°44	3°28	17°47	20°18	S 12
S 13	10 8 6	3°39'12	10♋19	17°16	17° 9	25°45	16°35	6° 5	27°30	8°18	13°49	4°R44	3°25	17°54	20°19	S 13
M14	10 12 3	4°39'24	23°58	17° 0	18° 6	26°27	16°43	6° 4	27°33	8°16	13°50	4°42	3°22	18° 1	20°21	M14
T 15	10 15 59	5°39'35	7♌27	16°35	19° 5	27° 9	16°50	6° 3	27°36	8°15	13°51	4°38	3°18	18° 7	20°23	T 15
W16	10 19 56	6°39'43	20°46	16° 2	20° 3	27°50	16°56	6° 1	27°40	8°13	13°53	4°31	3°15	18°14	20°25	W16
T 17	10 23 52	7°39'50	3♍53	15°22	21° 2	28°32	17° 3	6° 0	27°43	8°12	13°54	4°22	3°12	18°21	20°27	T 17
F 18	10 27 49	8°39'54	16°47	14°35	22° 2	29°14	17°10	5°59	27°46	8°10	13°55	4°11	3° 9	18°28	20°29	F 18
S 19	10 31 45	9°39'57	29°27	13°42	23° 2	29°56	17°16	5°58	27°50	8° 9	13°56	3°58	3° 6	18°34	20°31	S 19
S 20	10 35 42	10°39'57	11♎52	12°46	24° 2	0♉37	17°22	5°58	27°53	8° 8	13°57	3°47	3° 2	18°41	20°33	S 20
M21	10 39 39	11°39'56	24° 5	11°47	25° 2	1°19	17°28	5°57	27°56	8° 6	13°59	3°36	2°59	18°48	20°35	M21
T 22	10 43 35	12°39'54	6♏ 6	10°47	26° 3	2° 1	17°34	5°56	28° 0	8° 5	14° 0	3°28	2°56	18°54	20°38	T 22
W23	10 47 32	13°39'49	17°59	9°47	27° 5	2°42	17°40	5°56	28° 3	8° 3	14° 1	3°22	2°53	19° 1	20°40	W23
T 24	10 51 28	14°39'43	29°49	8°49	28° 6	3°24	17°46	5°56	28° 6	8° 2	14° 2	3°19	2°50	19° 8	20°42	T 24
F 25	10 55 25	15°39'36	11♐39	7°53	29° 8	4° 6	17°51	5°55	28°10	8° 1	14° 4	3°D18	2°47	19°14	20°45	F 25
S 26	10 59 21	16°39'26	23°36	7° 1	0♒11	4°47	17°57	5°D55	28°13	8° 0	14° 5	3°18	2°43	19°21	20°47	S 26
S 27	11 3 18	17°39'15	5♉44	6°14	1°13	5°29	18° 2	5°55	28°16	7°58	14° 6	3°R18	2°40	19°28	20°50	S 27
M28	11 7 14	18°39'02	18°10	5°31	2°16	6°10	18° 7	5°55	28°20	7°57	14° 7	3°17	2°37	19°34	20°53	M28
T 29	11 11 11	19♓38'48	0♒57	4♓55	3♒19	6♉51	18♐12	5♋56	28♓23	7♌56	14♈ 9	3♋14	2♋34	19♏41	20♉55	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	23s 2	1s33	8s10	0n10	18s56	4n25	6n55	0n 7	22s 0	0n39	22n54	0s26	1s54	0s43	18n12	0n 3	10s14	16s57	23n22	23n26	13s11	14n39	3s16
W 2	14 1	21 18	2 37	7 26	0 23	18 58	4 20	7 12	0 7	22 1	0 39	22 54	0 26	1 52	0 43	18 13	0 3	10 14	16 57	23 23	23 26	13 14	14 39	3 16
T 3	13 41	18 22	3 34	6 43	0 38	19 1	4 15	7 29	0 8	22 2	0 39	22 54	0 26	1 51	0 43	18 13	0 3	10 13	16 57	23 23	23 26	13 16	14 39	3 16
F 4	13 21	14 21	4 21	6 2	0 52	19 3	4 10	7 46	0 9	22 3	0 39	22 55	0 26	1 50	0 43	18 14	0 3	10 12	16 57	23 23	23 26	13 18	14 40	3 16
S 5	13 1	9 29	4 52	5 23	1 7	19 4	4 4	8 2	0 10	22 4	0 39	22 55	0 25	1 49	0 43	18 14	0 3	10 12	16 56	23 24	23 26	13 21	14 40	3 16
S 6	12 40	4 3	5 6	4 47	1 23	19 6	3 59	8 19	0 11	22 5	0 39	22 55	0 25	1 48	0 43	18 14	0 3	10 11	16 56	23 24	23 26	13 23	14 41	3 15
M 7	12 20	1n37	5 1	4 14	1 38	19 7	3 53	8 36	0 12	22 6	0 39	22 55	0 25	1 46	0 42	18 15	0 3	10 10	16 56	23 24	23 26	13 26	14 41	3 15
T 8	11 59	7 13	4 37	3 44	1 53	19 8	3 48	8 52	0 12	22 6	0 39	22 56	0 25	1 45	0 42	18 15	0 3	10 10	16 55	23 24	23 26	13 28	14 42	3 15
W 9	11 38	12 26	3 56	3 17	2 8	19 8	3 42	9 9	0 13	22 7	0 39	22 56	0 25	1 44	0 42	18 16	0 3	10 9	16 55	23 24	23 27	13 31	14 42	3 15
T 10	11 16	16 56	3 1	2 55	2 23	19 8	3 37	9 25	0 14	22 8	0 39	22 56	0 25	1 42	0 42	18 16	0 3	10 9	16 55	23 24	23 27	13 33	14 43	3 15
F 11	10 55	20 27	1 56	2 37	2 37	19 7	3 31	9 41	0 15	22 9	0 39	22 56	0 25	1 41	0 42	18 17	0 3	10 8	16 55	23 24	23 27	13 36	14 43	3 15
S 12	10 33	22 43	0 44	2 23	2 50	19 6	3 26	9 57	0 15	22 9	0 39	22 57	0 24	1 40	0 42	18 17	0 4	10 7	16 54	23 24	23 27	13 38	14 44	3 15
S 13	10 11	23 35	0n30	2 14	3 2	19 5	3 20	10 13	0 16	22 10	0 39	22 57	0 24	1 39	0 42	18 17	0 4	10 7	16 54	23 24	23 27	13 40	14 44	3 15
M14	9 49	23 1	1 41	2 11	3 13	19 3	3 14	10 29	0 17	22 11	0 39	22 57	0 24	1 37	0 42	18 18	0 4	10 6	16 54	23 24	23 27	13 43	14 45	3 14
T 15	9 27	21 7	2 45	2 11	3 23	19 1	3 8	10 45	0 18	22 12	0 39	22 57	0 24	1 36	0 42	18 18	0 4	10 5	16 54	23 25	23 27	13 45	14 46	3 14
W16	9 5	18 4	3 40	2 17	3 31	18 59	3 3	11 1	0 18	22 12	0 39	22 57	0 24	1 35	0 42	18 18	0 4	10 5	16 54	23 25	23 27	13 48	14 46	3 14
T 17	8 43	14 10	4 21	2 27	3 37	18 56	2 57	11 17	0 19	22 13	0 39	22 58	0 24	1 33	0 42	18 19	0 4	10 4	16 53	23 25	23 27	13 50	14 47	3 14
F 18	8 20	9 40	4 49	2 42	3 41	18 52	2 51	11 32	0 20	22 13	0 39	22 58	0 24	1 32	0 42	18 19	0 4	10 3	16 53	23 26	23 27	13 53	14 47	3 14
S 19	7 58	4 50	5 2	3 0	3 42	18 48	2 46	11 48	0 21	22 14	0 39	22 58	0 23	1 31	0 42	18 20	0 4	10 3	16 53	23 26	23 27	13 55	14 48	3 14
S 20	7 35	0s 7	4 59	3 22	3 42	18 44	2 40	12 3	0 21	22 15	0 39	22 58	0 23	1 29	0 42	18 20	0 4	10 2	16 53	23 26	23 27	13 57	14 49	3 14
M21	7 12	4 58	4 44	3 46	3 40	18 39	2 34	12 18	0 22	22 15	0 39	22 58	0 23	1 28	0 42	18 20	0 4	10 2	16 52	23 27	23 28	14 0	14 50	3 14
T 22	6 49	9 34	4 15	4 13	3 36	18 33	2 28	12 33	0 23	22 16	0 39	22 59	0 23	1 27	0 42	18 21	0 4	10 1	16 52	23 27	23 28	14 2	14 50	3 14
W23	6 26	13 46	3 36	4 41	3 29	18 27	2 23	12 48	0 23	22 16	0 39	22 59	0 23	1 25	0 42	18 21	0 4	10 0	16 52	23 27	23 28	14 5	14 51	3 13
T 24	6 3	17 25	2 48	5 10	3 21	18 21	2 17	13 3	0 24	22 17	0 39	22 59	0 23	1 24	0 42	18 21	0 4	10 0	16 52	23 27	23 28	14 7	14 52	3 13
F 25	5 40	20 23	1 52	5 40	3 12	18 14	2 11	13 18	0 25	22 17	0 39	22 59	0 23	1 23	0 42	18 22	0 4	9 59	16 52	23 27	23 28	14 9	14 52	3 13
S 26	5 17	22 29	0 51	6 9	3 1	18 7	2 6	13 33	0 25	22 18	0 39	22 59	0 22	1 21	0 42	18 22	0 4	9 58	16 52	23 27	23 28	14 12	14 53	3 13
S 27	4 53	23 35	0s13	6 38	2 48	17 59	2 0	13 47	0 26	22 18	0 39	22 59	0 22	1 20	0 42	18 22	0 4	9 58	16 51	23 27	23 28	14 14	14 54	3 13
M28	4 30	23 33	1 18	7 6	2 35	17 51	1 54	14 2	0 27	22 18	0 39	22 59	0 22	1 19	0 42	18 23	0 4	9 57	16 51	23 27	23 28	14 17	14 55	3 13
T 29	4s 6	22s17	2s21	7s32	2n21	17s42	1n49	14n16	0n27	22s19	0n39	23n 0	0s22	1s17	0s42	18n23	0n 4	9s56	16s51	23n27	23n28	14s19	14n55	3s13

Julian Day Number = 2302566.5, Delta T = 100.07 sec
Ecliptic obliquity = 23°29'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'52, Lahiri = 18°09'52 Julian Calendar 1 Feb. 1592 == Greg. Calendar 11 Feb. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

MARCH 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 15 7	20♓38'31	14♒ 9	4°R24	4♒23	7♉33	18♐16	5♋56	28♓27	7°R55	14♈10	3°R 9	2♋31	19♏48	20♉58	W 1
T 2	11 19 4	21°38'13	27°47	4♓ 0	5°26	8°14	18°21	5°56	28°30	7♎54	14°11	3♋ 1	2°27	19°54	21° 1	T 2
F 3	11 23 1	22°37'53	11♓50	3°42	6°30	8°56	18°25	5°57	28°33	7°53	14°13	2°50	2°24	20° 1	21° 4	F 3
S 4	11 26 57	23°37'31	26°13	3°30	7°35	9°37	18°29	5°58	28°37	7°52	14°14	2°39	2°21	20° 8	21° 7	S 4
S 5	11 30 54	24°37'06	10♈52	3°D24	8°39	10°18	18°33	5°59	28°40	7°51	14°15	2°27	2°18	20°14	21° 9	S 5
M 6	11 34 50	25°36'40	25°37	3°25	9°44	10°59	18°37	5°59	28°44	7°49	14°17	2°16	2°15	20°21	21°12	M 6
T 7	11 38 47	26°36'11	10♉20	3°31	10°48	11°41	18°40	6° 0	28°47	7°48	14°18	2° 8	2°12	20°28	21°16	T 7
W 8	11 42 43	27°35'41	24°56	3°42	11°53	12°22	18°44	6° 2	28°51	7°48	14°19	2° 3	2° 8	20°34	21°19	W 8
T 9	11 46 40	28°35'07	9♊18	3°59	12°59	13° 3	18°47	6° 3	28°54	7°47	14°21	2° 0	2° 5	20°41	21°22	T 9
F 10	11 50 36	29°34'32	23°25	4°21	14° 4	13°44	18°50	6° 4	28°57	7°46	14°22	1°59	2° 2	20°48	21°25	F 10
S 11	11 54 33	0♈33'54	7♋15	4°47	15°10	14°25	18°53	6° 6	29° 1	7°45	14°24	1°59	1°59	20°54	21°28	S 11
S 12	11 58 30	1°33'14	20°50	5°19	16°15	15° 6	18°56	6° 7	29° 4	7°44	14°25	1°59	1°56	21° 1	21°32	S 12
M13	12 2 26	2°32'32	4♌12	5°54	17°21	15°47	18°58	6° 9	29° 8	7°43	14°26	1°56	1°53	21° 8	21°35	M13
T 14	12 6 23	3°31'47	17°20	6°33	18°28	16°28	19° 1	6°11	29°11	7°42	14°28	1°51	1°49	21°15	21°38	T 14
W15	12 10 19	4°31'00	0♍17	7°16	19°34	17° 9	19° 3	6°13	29°15	7°41	14°29	1°43	1°46	21°21	21°42	W15
T 16	12 14 16	5°30'10	13° 3	8° 3	20°40	17°50	19° 5	6°15	29°18	7°41	14°31	1°32	1°43	21°28	21°45	T 16
F 17	12 18 12	6°29'19	25°38	8°53	21°47	18°31	19° 7	6°17	29°21	7°40	14°32	1°19	1°40	21°35	21°49	F 17
S 18	12 22 9	7°28'25	8♎ 3	9°46	22°54	19°12	19° 8	6°19	29°25	7°39	14°33	1° 5	1°37	21°41	21°52	S 18
S 19	12 26 5	8°27'29	20°18	10°43	24° 1	19°52	19°10	6°21	29°28	7°39	14°35	0°52	1°33	21°48	21°56	S 19
M20	12 30 2	9°26'31	2♏23	11°42	25° 8	20°33	19°11	6°24	29°32	7°38	14°36	0°40	1°30	21°55	22° 0	M20
T 21	12 33 59	10°25'31	14°19	12°44	26°15	21°14	19°12	6°26	29°35	7°37	14°38	0°30	1°27	22° 1	22° 3	T 21
W22	12 37 55	11°24'30	26°10	13°48	27°22	21°55	19°13	6°29	29°38	7°37	14°39	0°22	1°24	22° 8	22° 7	W22
T 23	12 41 52	12°23'26	7♐58	14°55	28°30	22°35	19°14	6°31	29°42	7°36	14°40	0°18	1°21	22°15	22°11	T 23
F 24	12 45 48	13°22'21	19°48	16° 5	29°37	23°16	19°14	6°34	29°45	7°36	14°42	0°16	1°18	22°21	22°14	F 24
S 25	12 49 45	14°21'14	1♑43	17°17	0♓45	23°56	19°15	6°37	29°48	7°35	14°43	0°D16	1°14	22°28	22°18	S 25
S 26	12 53 41	15°20'05	13°50	18°30	1°53	24°37	19°R15	6°40	29°52	7°35	14°45	0°R16	1°11	22°35	22°22	S 26
M27	12 57 38	16°18'55	26°13	19°47	3° 1	25°18	19°15	6°43	29°55	7°34	14°46	0°15	1° 8	22°41	22°26	M27
T 28	13 1 34	17°17'43	8♒58	21° 5	4° 9	25°58	19°14	6°47	29°58	7°34	14°48	0°14	1° 5	22°48	22°30	T 28
W29	13 5 31	18°16'29	22° 9	22°25	5°18	26°39	19°14	6°50	0♈ 2	7°34	14°49	0° 9	1° 2	22°55	22°34	W29
T 30	13 9 28	19°15'13	5♓48	23°47	6°26	27°19	19°13	6°53	0° 5	7°33	14°50	0° 3	0°59	23° 1	22°38	T 30
F 31	13 13 24	20♈13'55	19♓57	25♓11	7♓34	27♉59	19♐13	6♋57	0♈ 8	7♎33	14♈52	29♊54	0♋55	23♏ 8	22♉42	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s43	19s47	3s18	7s57	2n 7	17s32	1n43	14n30	0n28	22s19	0n39	23n 0	0s22	1s16	0s42	18n23	0n 4	9s56	16s51	23n27	23n28	14s21	14n56	3s13
T 2	3 19	16 7	4 6	8 19	1 52	17 22	1 38	14 44	0 29	22 20	0 39	23 0	0 22	1 15	0 42	18 24	0 4	9 55	16 51	23 27	23 28	14 24	14 57	3 13
F 3	2 56	11 28	4 41	8 40	1 37	17 12	1 32	14 58	0 29	22 20	0 39	23 0	0 22	1 13	0 42	18 24	0 4	9 55	16 51	23 28	23 28	14 26	14 58	3 13
S 4	2 32	6 4	4 59	8 58	1 23	17 1	1 27	15 12	0 30	22 20	0 39	23 0	0 21	1 12	0 42	18 24	0 4	9 54	16 51	23 28	23 28	14 29	14 59	3 12
S 5	2 9	0 15	4 57	9 14	1 8	16 50	1 21	15 26	0 31	22 21	0 39	23 0	0 21	1 10	0 42	18 25	0 4	9 53	16 50	23 28	23 28	14 31	15 0	3 12
M 6	1 45	5n38	4 36	9 27	0 53	16 38	1 16	15 39	0 31	22 21	0 39	23 0	0 21	1 9	0 42	18 25	0 4	9 53	16 50	23 28	23 28	14 33	15 0	3 12
T 7	1 21	11 12	3 57	9 38	0 39	16 26	1 10	15 52	0 32	22 21	0 39	23 0	0 21	1 8	0 42	18 25	0 4	9 52	16 50	23 29	23 28	14 36	15 1	3 12
W 8	0 58	16 5	3 2	9 47	0 25	16 13	1 5	16 6	0 32	22 21	0 39	23 0	0 21	1 6	0 42	18 25	0 4	9 51	16 50	23 29	23 29	14 38	15 2	3 12
T 9	0 34	19 58	1 57	9 54	0 11	16 0	1 0	16 19	0 33	22 22	0 39	23 1	0 21	1 5	0 42	18 26	0 4	9 51	16 50	23 29	23 29	14 41	15 3	3 12
F 10	0 10	22 35	0 45	9 58	0s 2	15 46	0 55	16 32	0 34	22 22	0 39	23 1	0 21	1 4	0 42	18 26	0 4	9 50	16 50	23 29	23 29	14 43	15 4	3 12
S 11	0n14	23 45	0n28	10 0	0 15	15 32	0 50	16 45	0 34	22 22	0 40	23 1	0 20	1 2	0 42	18 26	0 4	9 50	16 50	23 29	23 29	14 45	15 5	3 12
S 12	0 37	23 29	1 38	10 0	0 27	15 17	0 45	16 57	0 35	22 22	0 40	23 1	0 20	1 1	0 42	18 26	0 4	9 49	16 50	23 29	23 29	14 48	15 6	3 12
M13	1 1	21 52	2 41	9 58	0 39	15 2	0 40	17 10	0 35	22 23	0 40	23 1	0 20	0 59	0 42	18 27	0 4	9 48	16 50	23 29	23 29	14 50	15 7	3 12
T 14	1 24	19 5	3 35	9 54	0 50	14 47	0 35	17 22	0 36	22 23	0 40	23 1	0 20	0 58	0 42	18 27	0 4	9 48	16 50	23 29	23 29	14 52	15 8	3 12
W15	1 48	15 24	4 17	9 48	1 0	14 31	0 30	17 34	0 36	22 23	0 40	23 1	0 20	0 57	0 42	18 27	0 4	9 47	16 49	23 29	23 29	14 55	15 9	3 12
T 16	2 11	11 3	4 45	9 40	1 11	14 14	0 25	17 46	0 37	22 23	0 40	23 1	0 20	0 55	0 42	18 27	0 4	9 47	16 49	23 29	23 29	14 57	15 10	3 12
F 17	2 35	6 18	4 58	9 30	1 20	13 58	0 20	17 58	0 37	22 23	0 40	23 1	0 20	0 54	0 42	18 27	0 4	9 46	16 49	23 29	23 29	15 0	15 11	3 11
S 18	2 58	1 21	4 58	9 18	1 29	13 40	0 15	18 10	0 38	22 23	0 40	23 1	0 20	0 53	0 42	18 28	0 4	9 46	16 49	23 29	23 29	15 2	15 11	3 11
S 19	3 22	3s35	4 43	9 4	1 37	13 23	0 11	18 22	0 38	22 23	0 40	23 1	0 19	0 51	0 42	18 28	0 4	9 45	16 49	23 29	23 29	15 4	15 12	3 11
M20	3 45	8 19	4 16	8 49	1 45	13 5	0 6	18 33	0 39	22 24	0 40	23 1	0 19	0 50	0 42	18 28	0 4	9 44	16 49	23 29	23 29	15 7	15 13	3 11
T 21	4 8	12 42	3 38	8 32	1 52	12 46	0 2	18 45	0 40	22 24	0 40	23 1	0 19	0 49	0 42	18 28	0 4	9 44	16 49	23 29	23 29	15 9	15 14	3 11
W22	4 31	16 35	2 50	8 13	1 59	12 27	0s 3	18 56	0 40	22 24	0 40	23 1	0 19	0 47	0 42	18 28	0 4	9 43	16 49	23 30	23 29	15 11	15 15	3 11
T 23	4 54	19 47	1 55	7 53	2 5	12 8	0 7	19 7	0 41	22 24	0 40	23 1	0 19	0 46	0 42	18 28	0 4	9 43	16 49	23 30	23 29	15 14	15 16	3 11
F 24	5 17	22 11	0 55	7 31	2 11	11 48	0 11	19 18	0 41	22 24	0 40	23 1	0 19	0 45	0 42	18 28	0 4	9 42	16 49	23 30	23 29	15 16	15 17	3 11
S 25	5 40	23 37	0s 8	7 7	2 16	11 28	0 16	19 28	0 42	22 24	0 40	23 1	0 19	0 43	0 42	18 29	0 4	9 42	16 49	23 30	23 29	15 18	15 18	3 11
S 26	6 3	23 57	1 11	6 43	2 21	11 8	0 20	19 39	0 42	22 24	0 40	23 1	0 18	0 42	0 42	18 29	0 4	9 41	16 49	23 30	23 29	15 21	15 19	3 11
M27	6 26	23 8	2 13	6 16	2 25	10 47	0 24	19 49	0 42	22 24	0 40	23 1	0 18	0 41	0 42	18 29	0 4	9 41	16 49	23 30	23 29	15 23	15 20	3 11
T 28	6 48	21 7	3 10	5 49	2 28	10 26	0 28	19 59	0 43	22 24	0 40	23 1	0 18	0 39	0 42	18 29	0 4	9 40	16 49	23 30	23 29	15 25	15 21	3 11
W29	7 11	17 55	3 59	5 20	2 31	10 5	0 32	20 9	0 43	22 24	0 40	23 1	0 18	0 38	0 42	18 29	0 4	9 39	16 49	23 30	23 29	15 28	15 22	3 11
T 30	7 33	13 41	4 36	4 49	2 33	9 43	0 35	20 19	0 44	22 24	0 40	23 1	0 18	0 37	0 42	18 29	0 4	9 39	16 49	23 30	23 29	15 30	15 24	3 11
F 31	7n55	8s33	4s58	4s17	2s35	9s21	0s39	20n29	0n44	22s24	0n40	23n 1	0s18	0s35	0s42	18n29	0n 4	9s38	16s49	23n30	23n29	15s32	15n25	3s11

Julian Day Number = 2302595.5, Delta T = 99.95 sec
Ecliptic obliquity = 23°29'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°02'56, Lahiri = 18°09'56 Julian Calendar 1 March 1592 == Greg. Calendar 11 March 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

APRIL 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 17 21	21♈12'36	4♈31	26♓37	8♓43	28♉40	19°R12	7♋ 0	0♈12	7°R33	14♈53	29°R44	0♋52	23♏15	22♉46	S 1
S 2	13 21 17	22°11'15	19°24	28° 4	9°51	29°20	19♐10	7° 4	0°15	7♎33	14°55	29♊34	0°49	23°21	22°50	S 2
M 3	13 25 14	23° 9'52	4♉29	29°34	11° 0	0♊ 0	19° 9	7° 8	0°18	7°33	14°56	29°24	0°46	23°28	22°54	M 3
T 4	13 29 10	24° 8'26	19°34	1♈ 5	12° 9	0°41	19° 7	7°12	0°21	7°32	14°57	29°17	0°43	23°35	22°59	T 4
W 5	13 33 7	25° 6'59	4♊31	2°38	13°18	1°21	19° 6	7°16	0°24	7°32	14°59	29°12	0°39	23°41	23° 3	W 5
T 6	13 37 3	26° 5'30	19°12	4°12	14°27	2° 1	19° 4	7°20	0°28	7°32	15° 0	29°10	0°36	23°48	23° 7	T 6
F 7	13 41 0	27° 3'59	3♋32	5°49	15°36	2°41	19° 2	7°24	0°31	7°32	15° 2	29°D10	0°33	23°55	23°11	F 7
S 8	13 44 57	28° 2'25	17°30	7°27	16°45	3°22	18°59	7°28	0°34	7°D32	15° 3	29°10	0°30	24° 1	23°15	S 8
S 9	13 48 53	29° 0'49	1♌ 6	9° 7	17°54	4° 2	18°57	7°33	0°37	7°32	15° 4	29°R11	0°27	24° 8	23°20	S 9
M10	13 52 50	29°59'11	14°22	10°49	19° 4	4°42	18°54	7°37	0°40	7°32	15° 6	29°10	0°24	24°15	23°24	M10
T 11	13 56 46	0♉57'31	27°20	12°32	20°13	5°22	18°51	7°41	0°43	7°32	15° 7	29° 7	0°20	24°21	23°28	T 11
W12	14 0 43	1°55'49	10♍ 4	14°17	21°22	6° 2	18°48	7°46	0°46	7°32	15° 9	29° 1	0°17	24°28	23°33	W12
T 13	14 4 39	2°54'05	22°34	16° 4	22°32	6°42	18°45	7°51	0°49	7°33	15°10	28°53	0°14	24°35	23°37	T 13
F 14	14 8 36	3°52'18	4♎54	17°53	23°42	7°22	18°42	7°55	0°52	7°33	15°11	28°44	0°11	24°41	23°41	F 14
S 15	14 12 32	4°50'30	17° 5	19°43	24°51	8° 2	18°38	8° 0	0°55	7°33	15°13	28°34	0° 8	24°48	23°46	S 15
S 16	14 16 29	5°48'40	29° 8	21°35	26° 1	8°42	18°35	8° 5	0°58	7°33	15°14	28°24	0° 4	24°55	23°50	S 16
M17	14 20 25	6°46'48	11♏ 5	23°29	27°11	9°22	18°31	8°10	1° 1	7°34	15°15	28°15	0° 1	25° 1	23°55	M17
T 18	14 24 22	7°44'55	22°57	25°25	28°21	10° 2	18°27	8°15	1° 4	7°34	15°17	28° 8	29♊58	25° 8	23°59	T 18
W19	14 28 19	8°43'00	4♐45	27°22	29°31	10°41	18°23	8°20	1° 7	7°34	15°18	28° 3	29°55	25°15	24° 4	W19
T 20	14 32 15	9°41'03	16°34	29°21	0♈41	11°21	18°18	8°25	1°10	7°35	15°19	28° 0	29°52	25°21	24° 8	T 20
F 21	14 36 12	10°39'05	28°25	1♉22	1°51	12° 1	18°14	8°31	1°13	7°35	15°21	27°D59	29°49	25°28	24°13	F 21
S 22	14 40 8	11°37'06	10♑22	3°24	3° 1	12°41	18° 9	8°36	1°16	7°35	15°22	28° 0	29°45	25°35	24°17	S 22
S 23	14 44 5	12°35'05	22°29	5°28	4°11	13°20	18° 4	8°42	1°18	7°36	15°23	28° 1	29°42	25°41	24°22	S 23
M24	14 48 1	13°33'03	4♒52	7°34	5°21	14° 0	17°59	8°47	1°21	7°36	15°25	28° 3	29°39	25°48	24°26	M24
T 25	14 51 58	14°30'59	17°34	9°41	6°31	14°40	17°54	8°53	1°24	7°37	15°26	28°R 3	29°36	25°55	24°31	T 25
W26	14 55 54	15°28'54	0♓41	11°49	7°42	15°19	17°49	8°58	1°27	7°38	15°27	28° 2	29°33	26° 1	24°36	W26
T 27	14 59 51	16°26'48	14°15	13°58	8°52	15°59	17°43	9° 4	1°29	7°38	15°28	27°59	29°30	26° 8	24°40	T 27
F 28	15 3 48	17°24'40	28°18	16° 8	10° 3	16°39	17°38	9°10	1°32	7°39	15°30	27°54	29°26	26°15	24°45	F 28
S 29	15 7 44	18°22'32	12♈48	18°19	11°13	17°18	17°32	9°16	1°34	7°39	15°31	27°49	29°23	26°21	24°49	S 29
S 30	15 11 41	19♉20'22	27♈41	20♉30	12♈24	17♊58	17♐26	9♋21	1♈37	7♎40	15♈32	27♊43	29♊20	26♏28	24♉54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n18	2s49	5s 2	3s44	2s36	8s59	0s43	20n38	0n45	22s23	0n40	23n 1	0s18	0s34	0s42	18n29	0n 4	9s38	16s49	23n30	23n29	15s35	15n26	3s11
S 2	8 39	3n13	4 45	3 10	2 37	8 36	0 46	20 47	0 45	22 23	0 40	23 1	0 18	0 33	0 42	18 29	0 4	9 37	16 49	23 30	23 29	15 37	15 27	3 11
M 3	9 1	9 9	4 8	2 35	2 37	8 13	0 50	20 56	0 46	22 23	0 40	23 1	0 17	0 32	0 42	18 29	0 4	9 37	16 49	23 29	23 29	15 39	15 28	3 11
T 4	9 23	14 33	3 14	1 58	2 37	7 50	0 53	21 5	0 46	22 23	0 40	23 0	0 17	0 30	0 42	18 29	0 4	9 36	16 49	23 29	23 29	15 42	15 29	3 11
W 5	9 44	19 0	2 7	1 20	2 36	7 27	0 56	21 14	0 47	22 23	0 40	23 0	0 17	0 29	0 42	18 29	0 4	9 36	16 49	23 29	23 29	15 44	15 30	3 11
T 6	10 6	22 10	0 53	0 41	2 35	7 3	1 0	21 23	0 47	22 23	0 40	23 0	0 17	0 28	0 42	18 30	0 4	9 36	16 49	23 29	23 29	15 46	15 31	3 11
F 7	10 27	23 50	0n23	0 1	2 33	6 39	1 3	21 31	0 47	22 23	0 40	23 0	0 17	0 26	0 42	18 30	0 4	9 35	16 49	23 29	23 29	15 49	15 32	3 11
S 8	10 48	23 56	1 36	0n40	2 30	6 15	1 6	21 39	0 48	22 22	0 40	23 0	0 17	0 25	0 42	18 30	0 4	9 35	16 49	23 29	23 29	15 51	15 33	3 11
S 9	11 9	22 35	2 42	1 22	2 27	5 51	1 9	21 47	0 48	22 22	0 40	23 0	0 17	0 24	0 42	18 30	0 4	9 34	16 50	23 29	23 29	15 53	15 34	3 11
M10	11 30	20 1	3 37	2 5	2 24	5 26	1 12	21 55	0 49	22 22	0 40	23 0	0 17	0 23	0 42	18 30	0 4	9 34	16 50	23 29	23 30	15 56	15 35	3 11
T 11	11 50	16 29	4 20	2 49	2 20	5 1	1 14	22 3	0 49	22 22	0 40	23 0	0 16	0 22	0 42	18 30	0 4	9 33	16 50	23 29	23 30	15 58	15 36	3 11
W12	12 10	12 16	4 49	3 34	2 15	4 36	1 17	22 10	0 49	22 22	0 40	23 0	0 16	0 20	0 42	18 30	0 4	9 33	16 50	23 29	23 30	16 0	15 37	3 11
T 13	12 30	7 36	5 3	4 20	2 10	4 11	1 20	22 18	0 50	22 21	0 40	22 59	0 16	0 19	0 42	18 29	0 4	9 32	16 50	23 29	23 30	16 2	15 38	3 11
F 14	12 50	2 41	5 3	5 6	2 5	3 46	1 22	22 25	0 50	22 21	0 40	22 59	0 16	0 18	0 42	18 29	0 4	9 32	16 50	23 29	23 30	16 5	15 39	3 11
S 15	13 10	2s16	4 50	5 54	1 59	3 20	1 24	22 32	0 51	22 21	0 40	22 59	0 16	0 17	0 42	18 29	0 4	9 32	16 50	23 29	23 30	16 7	15 40	3 11
S 16	13 29	7 5	4 23	6 42	1 52	2 55	1 27	22 38	0 51	22 21	0 40	22 59	0 16	0 16	0 42	18 29	0 4	9 31	16 50	23 29	23 30	16 9	15 41	3 11
M17	13 49	11 37	3 45	7 31	1 45	2 29	1 29	22 45	0 51	22 20	0 40	22 59	0 16	0 14	0 42	18 29	0 4	9 31	16 50	23 29	23 30	16 12	15 42	3 11
T 18	14 8	15 41	2 57	8 20	1 37	2 3	1 31	22 51	0 52	22 20	0 40	22 58	0 16	0 13	0 42	18 29	0 4	9 30	16 50	23 29	23 30	16 14	15 44	3 11
W19	14 26	19 8	2 2	9 10	1 30	1 37	1 33	22 57	0 52	22 20	0 40	22 58	0 16	0 12	0 42	18 29	0 4	9 30	16 51	23 29	23 30	16 16	15 45	3 11
T 20	14 45	21 48	1 1	10 0	1 21	1 11	1 35	23 3	0 52	22 19	0 40	22 58	0 15	0 11	0 42	18 29	0 4	9 30	16 51	23 29	23 30	16 19	15 46	3 11
F 21	15 3	23 31	0s 2	10 51	1 12	0 45	1 37	23 9	0 53	22 19	0 39	22 58	0 15	0 10	0 42	18 29	0 4	9 29	16 51	23 29	23 30	16 21	15 47	3 11
S 22	15 21	24 12	1 7	11 41	1 3	0 18	1 38	23 15	0 53	22 18	0 39	22 58	0 15	0 9	0 42	18 29	0 4	9 29	16 51	23 29	23 30	16 23	15 48	3 11
S 23	15 39	23 44	2 9	12 32	0 54	0n 8	1 40	23 20	0 54	22 18	0 39	22 57	0 15	0 8	0 43	18 29	0 4	9 29	16 51	23 29	23 30	16 25	15 49	3 11
M24	15 56	22 6	3 6	13 22	0 44	0 35	1 42	23 25	0 54	22 18	0 39	22 57	0 15	0 7	0 43	18 29	0 4	9 28	16 51	23 29	23 30	16 28	15 50	3 11
T 25	16 14	19 21	3 56	14 13	0 34	1 1	1 43	23 30	0 54	22 17	0 39	22 57	0 15	0 6	0 43	18 28	0 4	9 28	16 51	23 29	23 30	16 30	15 51	3 11
W26	16 31	15 33	4 36	15 2	0 24	1 28	1 44	23 35	0 55	22 17	0 39	22 57	0 15	0 5	0 43	18 28	0 4	9 28	16 52	23 29	23 29	16 32	15 52	3 11
T 27	16 48	10 51	5 1	15 51	0 13	1 54	1 46	23 40	0 55	22 16	0 39	22 56	0 15	0 3	0 43	18 28	0 4	9 27	16 52	23 29	23 29	16 34	15 53	3 11
F 28	17 4	5 25	5 10	16 40	0 3	2 21	1 47	23 44	0 55	22 16	0 39	22 56	0 15	0 2	0 43	18 28	0 4	9 27	16 52	23 29	23 29	16 37	15 54	3 11
S 29	17 20	0n28	5 0	17 27	0n 8	2 48	1 48	23 48	0 55	22 15	0 39	22 56	0 14	0 1	0 43	18 28	0 4	9 27	16 52	23 28	23 29	16 39	15 55	3 12
S 30	17n36	6n29	4s29	18n13	0n19	3n14	1s49	23n52	0n56	22s15	0n39	22n55	0s14	0s 0	0s43	18n28	0n 4	9s26	16s52	23n28	23n29	16s41	15n56	3s12

Julian Day Number = 2302626.5, Delta T = 99.82 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'00, Lahiri = 18°10'01 Julian Calendar 1 Apr. 1592 == Greg. Calendar 11 Apr. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

MAY 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 15 37	20♉18'10	12♉50	22♉41	13♈34	18♊37	17°R20	9♋27	1♈40	7♎41	15♈33	27°R38	29♊17	26♏35	24♉59	M 1
T 2	15 19 34	21°15'58	28° 4	24°52	14°45	19°17	17♐14	9°33	1°42	7°42	15°34	27♊34	29°14	26°41	25° 3	T 2
W 3	15 23 30	22°13'44	13♊13	27° 3	15°56	19°56	17° 8	9°40	1°45	7°42	15°36	27°32	29°10	26°48	25° 8	W 3
T 4	15 27 27	23°11'28	28° 9	29°13	17° 6	20°36	17° 2	9°46	1°47	7°43	15°37	27°D31	29° 7	26°55	25°12	T 4
F 5	15 31 23	24° 9'11	12♋44	1♊22	18°17	21°15	16°55	9°52	1°49	7°44	15°38	27°32	29° 4	27° 1	25°17	F 5
S 6	15 35 20	25° 6'53	26°55	3°30	19°28	21°54	16°49	9°58	1°52	7°45	15°39	27°33	29° 1	27° 8	25°22	S 6
S 7	15 39 17	26° 4'33	10♌40	5°36	20°39	22°34	16°42	10° 5	1°54	7°46	15°40	27°34	28°58	27°15	25°26	S 7
M 8	15 43 13	27° 2'11	24° 0	7°41	21°50	23°13	16°36	10°11	1°56	7°47	15°41	27°R35	28°55	27°21	25°31	M 8
T 9	15 47 10	27°59'47	6♍58	9°44	23° 1	23°52	16°29	10°17	1°59	7°48	15°43	27°35	28°51	27°28	25°36	T 9
W10	15 51 6	28°57'22	19°36	11°45	24°12	24°32	16°22	10°24	2° 1	7°49	15°44	27°33	28°48	27°35	25°40	W10
T 11	15 55 3	29°54'56	1♎59	13°43	25°23	25°11	16°15	10°30	2° 3	7°50	15°45	27°30	28°45	27°41	25°45	T 11
F 12	15 58 59	0♊52'28	14°10	15°40	26°34	25°50	16° 8	10°37	2° 5	7°51	15°46	27°27	28°42	27°48	25°50	F 12
S 13	16 2 56	1°49'59	26°11	17°33	27°45	26°29	16° 1	10°44	2° 7	7°52	15°47	27°22	28°39	27°55	25°54	S 13
S 14	16 6 52	2°47'29	8♏ 6	19°24	28°56	27° 8	15°53	10°50	2° 9	7°53	15°48	27°18	28°36	28° 1	25°59	S 14
M15	16 10 49	3°44'57	19°57	21°13	0♉ 7	27°48	15°46	10°57	2°11	7°54	15°49	27°14	28°32	28° 8	26° 3	M15
T 16	16 14 46	4°42'25	1♐46	22°59	1°18	28°27	15°39	11° 4	2°13	7°56	15°50	27°12	28°29	28°15	26° 8	T 16
W17	16 18 42	5°39'51	13°36	24°42	2°29	29° 6	15°31	11°11	2°15	7°57	15°51	27°10	28°26	28°21	26°13	W17
T 18	16 22 39	6°37'17	25°27	26°22	3°41	29°45	15°24	11°17	2°17	7°58	15°52	27°D 9	28°23	28°28	26°17	T 18
F 19	16 26 35	7°34'41	7♑24	28° 0	4°52	0♋24	15°16	11°24	2°19	7°59	15°53	27°10	28°20	28°35	26°22	F 19
S 20	16 30 32	8°32'05	19°27	29°34	6° 3	1° 3	15° 9	11°31	2°21	8° 1	15°54	27°11	28°16	28°41	26°26	S 20
S 21	16 34 28	9°29'28	1♒42	1♋ 6	7°15	1°42	15° 1	11°38	2°23	8° 2	15°55	27°12	28°13	28°48	26°31	S 21
M22	16 38 25	10°26'51	14°10	2°35	8°26	2°21	14°54	11°45	2°25	8° 3	15°56	27°13	28°10	28°55	26°36	M22
T 23	16 42 22	11°24'12	26°55	4° 1	9°37	3° 0	14°46	11°52	2°26	8° 5	15°57	27°14	28° 7	29° 1	26°40	T 23
W24	16 46 18	12°21'34	10♓ 0	5°24	10°49	3°39	14°39	12° 0	2°28	8° 6	15°57	27°R15	28° 4	29° 8	26°45	W24
T 25	16 50 15	13°18'54	23°29	6°44	12° 0	4°18	14°31	12° 7	2°30	8° 7	15°58	27°15	28° 1	29°15	26°49	T 25
F 26	16 54 11	14°16'14	7♈22	8° 1	13°12	4°57	14°23	12°14	2°31	8° 9	15°59	27°14	27°57	29°21	26°54	F 26
S 27	16 58 8	15°13'34	21°41	9°15	14°24	5°36	14°16	12°21	2°33	8°10	16° 0	27°13	27°54	29°28	26°58	S 27
S 28	17 2 4	16°10'53	6♉21	10°26	15°35	6°15	14° 8	12°28	2°34	8°12	16° 1	27°11	27°51	29°35	27° 3	S 28
M29	17 6 1	17° 8'12	21°18	11°34	16°47	6°53	14° 0	12°36	2°36	8°13	16° 2	27°10	27°48	29°41	27° 7	M29
T 30	17 9 57	18° 5'31	6♊25	12°38	17°59	7°32	13°53	12°43	2°37	8°15	16° 2	27° 9	27°45	29°48	27°11	T 30
W31	17 13 54	19♊ 2'49	21♊32	13♋40	19♉10	8♋11	13♐45	12♋50	2♈38	8♎17	16♈ 3	27°D 9	27♊42	29♏55	27♉16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n52	12n14	3s39	18n57	0n29	3n41	1s50	23n56	0n56	22s14	0n39	22n55	0s14	0n 1	0s43	18n28	0n 4	9s26	16s53	23n28	23n29	16s43	15n57	3s12
T 2	18 7	17 17	2 34	19 40	0 39	4 7	1 51	24 0	0 56	22 14	0 39	22 55	0 14	0 2	0 43	18 27	0 4	9 26	16 53	23 28	23 29	16 46	15 58	3 12
W 3	18 22	21 10	1 17	20 20	0 49	4 34	1 51	24 3	0 57	22 13	0 39	22 54	0 14	0 2	0 43	18 27	0 4	9 26	16 53	23 28	23 29	16 48	15 59	3 12
T 4	18 37	23 32	0n 3	20 59	0 59	5 1	1 52	24 6	0 57	22 13	0 39	22 54	0 14	0 3	0 43	18 27	0 4	9 25	16 53	23 28	23 29	16 50	16 0	3 12
F 5	18 51	24 15	1 22	21 35	1 8	5 27	1 53	24 9	0 57	22 12	0 39	22 54	0 14	0 4	0 43	18 27	0 4	9 25	16 53	23 28	23 29	16 52	16 1	3 12
S 6	19 5	23 20	2 34	22 9	1 17	5 53	1 53	24 12	0 58	22 12	0 39	22 53	0 14	0 5	0 43	18 26	0 4	9 25	16 54	23 28	23 29	16 55	16 2	3 12
S 7	19 19	21 2	3 34	22 41	1 25	6 20	1 53	24 15	0 58	22 11	0 39	22 53	0 14	0 6	0 43	18 26	0 4	9 25	16 54	23 28	23 29	16 57	16 3	3 12
M 8	19 32	17 39	4 21	23 10	1 33	6 46	1 54	24 17	0 58	22 11	0 39	22 53	0 13	0 7	0 43	18 26	0 4	9 24	16 54	23 28	23 29	16 59	16 4	3 12
T 9	19 45	13 31	4 53	23 36	1 40	7 12	1 54	24 19	0 58	22 10	0 38	22 52	0 13	0 8	0 43	18 26	0 4	9 24	16 54	23 28	23 29	17 1	16 5	3 12
W10	19 58	8 53	5 10	24 0	1 46	7 38	1 54	24 21	0 59	22 9	0 38	22 52	0 13	0 9	0 43	18 26	0 4	9 24	16 54	23 28	23 29	17 4	16 6	3 12
T 11	20 11	3 59	5 12	24 21	1 52	8 4	1 54	24 23	0 59	22 9	0 38	22 51	0 13	0 10	0 43	18 25	0 4	9 24	16 55	23 28	23 29	17 6	16 7	3 13
F 12	20 23	0s59	5 0	24 39	1 57	8 30	1 54	24 25	0 59	22 8	0 38	22 51	0 13	0 11	0 43	18 25	0 4	9 24	16 55	23 28	23 29	17 8	16 8	3 13
S 13	20 34	5 52	4 35	24 55	2 1	8 56	1 54	24 26	0 59	22 7	0 38	22 51	0 13	0 11	0 43	18 25	0 4	9 24	16 55	23 28	23 29	17 10	16 9	3 13
S 14	20 46	10 29	3 58	25 8	2 4	9 21	1 53	24 27	1 0	22 7	0 38	22 50	0 13	0 12	0 43	18 24	0 4	9 23	16 55	23 28	23 29	17 12	16 10	3 13
M15	20 57	14 42	3 11	25 19	2 7	9 46	1 53	24 28	1 0	22 6	0 38	22 50	0 13	0 13	0 43	18 24	0 4	9 23	16 56	23 28	23 29	17 15	16 11	3 13
T 16	21 8	18 21	2 15	25 27	2 9	10 11	1 53	24 29	1 0	22 5	0 38	22 49	0 13	0 14	0 43	18 24	0 4	9 23	16 56	23 28	23 29	17 17	16 12	3 13
W17	21 18	21 15	1 14	25 33	2 10	10 36	1 52	24 30	1 0	22 5	0 38	22 49	0 12	0 14	0 43	18 24	0 4	9 23	16 56	23 28	23 29	17 19	16 13	3 13
T 18	21 28	23 15	0 9	25 37	2 11	11 1	1 52	24 30	1 1	22 4	0 38	22 48	0 12	0 15	0 43	18 23	0 4	9 23	16 56	23 28	23 29	17 21	16 14	3 13
F 19	21 37	24 13	0s56	25 39	2 10	11 26	1 51	24 30	1 1	22 3	0 38	22 48	0 12	0 16	0 43	18 23	0 4	9 23	16 57	23 28	23 29	17 23	16 15	3 13
S 20	21 47	24 4	2 0	25 38	2 9	11 50	1 50	24 30	1 1	22 3	0 37	22 47	0 12	0 17	0 43	18 23	0 4	9 23	16 57	23 28	23 29	17 26	16 16	3 14
S 21	21 55	22 45	3 0	25 36	2 7	12 14	1 50	24 30	1 1	22 2	0 37	22 47	0 12	0 17	0 43	18 22	0 4	9 23	16 57	23 28	23 29	17 28	16 17	3 14
M22	22 4	20 19	3 52	25 32	2 4	12 38	1 49	24 30	1 2	22 1	0 37	22 46	0 12	0 18	0 43	18 22	0 4	9 22	16 58	23 28	23 29	17 30	16 18	3 14
T 23	22 12	16 51	4 34	25 26	2 1	13 1	1 48	24 29	1 2	22 0	0 37	22 46	0 12	0 19	0 43	18 22	0 4	9 22	16 58	23 28	23 29	17 32	16 18	3 14
W24	22 20	12 30	5 3	25 19	1 56	13 25	1 47	24 29	1 2	22 0	0 37	22 45	0 12	0 19	0 43	18 21	0 4	9 22	16 58	23 28	23 29	17 34	16 19	3 14
T 25	22 27	7 26	5 16	25 10	1 51	13 48	1 46	24 28	1 2	21 59	0 37	22 45	0 12	0 20	0 43	18 21	0 4	9 22	16 58	23 28	23 29	17 37	16 20	3 14
F 26	22 34	1 50	5 12	25 0	1 46	14 10	1 45	24 26	1 2	21 58	0 37	22 44	0 12	0 20	0 43	18 20	0 4	9 22	16 59	23 28	23 29	17 39	16 21	3 14
S 27	22 40	4n 0	4 48	24 49	1 39	14 33	1 43	24 25	1 3	21 57	0 37	22 44	0 11	0 21	0 43	18 20	0 4	9 22	16 59	23 28	23 29	17 41	16 22	3 15
S 28	22 46	9 48	4 6	24 37	1 32	14 55	1 42	24 24	1 3	21 57	0 36	22 43	0 11	0 22	0 43	18 20	0 5	9 22	16 59	23 28	23 28	17 43	16 23	3 15
M29	22 52	15 8	3 6	24 23	1 24	15 17	1 41	24 22	1 3	21 56	0 36	22 42	0 11	0 22	0 43	18 19	0 5	9 22	17 0	23 28	23 28	17 45	16 24	3 15
T 30	22 57	19 35	1 53	24 9	1 16	15 38	1 39	24 20	1 3	21 55	0 36	22 42	0 11	0 23	0 44	18 19	0 5	9 22	17 0	23 28	23 28	17 47	16 24	3 15
W31	23n 2	22n42	0s31	23n53	1n 6	15n59	1s38	24n18	1n 3	21s54	0n36	22n41	0s11	0n23	0s44	18n19	0n 5	9s22	17s 0	23n28	23n28	17s50	16n25	3s15

Julian Day Number = 2302656.5, Delta T = 99.70 sec
Ecliptic obliquity = 23°29'32, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'04, Lahiri = 18°10'05 Julian Calendar 1 May 1592 == Greg. Calendar 11 May 1592

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1592
geocentric

JUNE 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 17 51	20♊ 0'06	6♋31	14♋37	20♉22	8♋50	13°R37	12♋58	2♈40	8♏18	16♈ 4	27♊ 9	27♊38	0♐ 1	27♉20	T 1
F 2	17 21 47	20°57'23	21°13	15°32	21°34	9°29	13♐30	13° 5	2°41	8°20	16° 5	27° 9	27°35	0° 8	27°25	F 2
S 3	17 25 44	21°54'39	5♌32	16°22	22°46	10° 7	13°22	13°13	2°42	8°21	16° 5	27°10	27°32	0°15	27°29	S 3
S 4	17 29 40	22°51'55	19°26	17° 9	23°58	10°46	13°15	13°20	2°43	8°23	16° 6	27°10	27°29	0°21	27°33	S 4
M 5	17 33 37	23°49'09	2♍54	17°53	25° 9	11°25	13° 7	13°28	2°45	8°25	16° 7	27°11	27°26	0°28	27°38	M 5
T 6	17 37 33	24°46'23	15°56	18°32	26°21	12° 4	13° 0	13°35	2°46	8°26	16° 7	27°11	27°22	0°35	27°42	T 6
W 7	17 41 30	25°43'36	28°36	19° 7	27°33	12°42	12°53	13°43	2°47	8°28	16° 8	27°R11	27°19	0°41	27°46	W 7
T 8	17 45 26	26°40'49	10♎58	19°38	28°45	13°21	12°45	13°50	2°48	8°30	16° 8	27°D11	27°16	0°48	27°50	T 8
F 9	17 49 23	27°38'01	23° 5	20° 5	29°57	14° 0	12°38	13°58	2°49	8°32	16° 9	27°11	27°13	0°55	27°55	F 9
S 10	17 53 20	28°35'12	5♏ 3	20°28	1♊ 9	14°38	12°31	14° 6	2°49	8°33	16°10	27°11	27°10	1° 1	27°59	S 10
S 11	17 57 16	29°32'23	16°54	20°46	2°21	15°17	12°24	14°13	2°50	8°35	16°10	27°11	27° 7	1° 8	28° 3	S 11
M12	18 1 13	0♋29'34	28°42	21° 0	3°33	15°56	12°17	14°21	2°51	8°37	16°11	27°11	27° 3	1°15	28° 7	M12
T 13	18 5 9	1°26'44	10♐32	21° 9	4°46	16°34	12°10	14°29	2°52	8°39	16°11	27°12	27° 0	1°21	28°11	T 13
W14	18 9 6	2°23'54	22°24	21°R13	5°58	17°13	12° 3	14°36	2°53	8°41	16°12	27°R12	26°57	1°28	28°15	W14
T 15	18 13 2	3°21'04	4♑23	21°13	7°10	17°51	11°57	14°44	2°53	8°43	16°12	27°12	26°54	1°35	28°19	T 15
F 16	18 16 59	4°18'14	16°30	21° 8	8°22	18°30	11°50	14°52	2°54	8°44	16°13	27°12	26°51	1°41	28°23	F 16
S 17	18 20 55	5°15'24	28°46	20°59	9°34	19° 8	11°44	14°59	2°54	8°46	16°13	27°11	26°48	1°48	28°27	S 17
S 18	18 24 52	6°12'34	11♒14	20°45	10°47	19°47	11°37	15° 7	2°55	8°48	16°13	27°10	26°44	1°55	28°31	S 18
M19	18 28 49	7° 9'44	23°54	20°27	11°59	20°25	11°31	15°15	2°55	8°50	16°14	27° 9	26°41	2° 1	28°35	M19
T 20	18 32 45	8° 6'54	6♓50	20° 5	13°11	21° 4	11°25	15°23	2°56	8°52	16°14	27° 7	26°38	2° 8	28°39	T 20
W21	18 36 42	9° 4'05	20° 2	19°39	14°24	21°42	11°19	15°30	2°56	8°54	16°14	27° 6	26°35	2°15	28°43	W21
T 22	18 40 38	10° 1'16	3♈31	19° 9	15°36	22°21	11°13	15°38	2°56	8°56	16°15	27° 6	26°32	2°21	28°47	T 22
F 23	18 44 35	10°58'27	17°19	18°37	16°49	22°59	11° 7	15°46	2°57	8°58	16°15	27°D 6	26°28	2°28	28°51	F 23
S 24	18 48 31	11°55'39	1♉25	18° 2	18° 1	23°38	11° 1	15°54	2°57	9° 0	16°15	27° 6	26°25	2°35	28°54	S 24
S 25	18 52 28	12°52'51	15°49	17°25	19°14	24°16	10°56	16° 2	2°57	9° 2	16°16	27° 7	26°22	2°41	28°58	S 25
M26	18 56 24	13°50'04	0♊26	16°47	20°26	24°55	10°50	16° 9	2°57	9° 4	16°16	27° 8	26°19	2°48	29° 2	M26
T 27	19 0 21	14°47'18	15°13	16° 8	21°39	25°33	10°45	16°17	2°57	9° 6	16°16	27° 9	26°16	2°55	29° 5	T 27
W28	19 4 18	15°44'32	0♋ 4	15°29	22°52	26°12	10°40	16°25	2°R57	9° 8	16°16	27°R 9	26°13	3° 1	29° 9	W28
T 29	19 8 14	16°41'46	14°51	14°50	24° 4	26°50	10°35	16°33	2°57	9°10	16°16	27° 9	26° 9	3° 8	29°12	T 29
F 30	19 12 11	17♋39'01	29♋26	14♋13	25♊17	27♋28	10♐30	16♋41	2♈57	9♏13	16♈17	27♊ 7	26♊ 6	3♐15	29♉16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	24n12	0n52	23n37	0n56	16n20	1s36	24n15	1n 4	21s53	0n36	22n41	0s11	0n24	0s44	18n18	0n 5	9s22	17s 1	23n28	23n28	17s52	16n26	3s15
F 2	23 11	23 57	2 10	23 21	0 46	16 40	1 35	24 13	1 4	21 53	0 36	22 40	0 11	0 24	0 44	18 18	0 5	9 22	17 1	23 28	23 28	17 54	16 27	3 16
S 3	23 15	22 7	3 17	23 4	0 35	17 0	1 33	24 10	1 4	21 52	0 36	22 39	0 11	0 25	0 44	18 17	0 5	9 22	17 1	23 28	23 28	17 56	16 28	3 16
S 4	23 18	19 0	4 11	22 46	0 23	17 20	1 31	24 7	1 4	21 51	0 36	22 39	0 11	0 25	0 44	18 17	0 5	9 22	17 2	23 28	23 28	17 58	16 29	3 16
M 5	23 21	14 58	4 50	22 28	0 10	17 39	1 30	24 4	1 4	21 50	0 35	22 38	0 11	0 25	0 44	18 16	0 5	9 22	17 2	23 28	23 28	18 0	16 29	3 16
T 6	23 23	10 20	5 12	22 10	0s 3	17 58	1 28	24 1	1 5	21 50	0 35	22 37	0 11	0 26	0 44	18 16	0 5	9 22	17 2	23 28	23 28	18 3	16 30	3 16
W 7	23 25	5 25	5 17	21 52	0 16	18 16	1 26	23 57	1 5	21 49	0 35	22 37	0 10	0 26	0 44	18 16	0 5	9 22	17 3	23 28	23 28	18 5	16 31	3 17
T 8	23 27	0 23	5 8	21 33	0 30	18 34	1 24	23 54	1 5	21 48	0 35	22 36	0 10	0 27	0 44	18 15	0 5	9 23	17 3	23 28	23 28	18 7	16 32	3 17
F 9	23 28	4s34	4 46	21 15	0 44	18 51	1 22	23 50	1 5	21 47	0 35	22 35	0 10	0 27	0 44	18 15	0 5	9 23	17 3	23 28	23 28	18 9	16 32	3 17
S 10	23 29	9 17	4 11	20 57	0 59	19 8	1 20	23 46	1 5	21 47	0 35	22 35	0 10	0 27	0 44	18 14	0 5	9 23	17 3	23 28	23 28	18 11	16 33	3 17
S 11	23 29	13 38	3 26	20 40	1 14	19 24	1 18	23 42	1 5	21 46	0 34	22 34	0 10	0 28	0 44	18 14	0 5	9 23	17 4	23 28	23 28	18 13	16 34	3 17
M12	23 29	17 27	2 32	20 22	1 30	19 40	1 16	23 37	1 6	21 45	0 34	22 33	0 10	0 28	0 44	18 13	0 5	9 23	17 4	23 28	23 28	18 15	16 34	3 18
T 13	23 29	20 34	1 31	20 5	1 45	19 56	1 14	23 33	1 6	21 44	0 34	22 32	0 10	0 28	0 44	18 13	0 5	9 23	17 5	23 28	23 27	18 18	16 35	3 18
W14	23 28	22 50	0 27	19 49	2 1	20 10	1 12	23 28	1 6	21 44	0 34	22 32	0 10	0 28	0 44	18 12	0 5	9 23	17 5	23 28	23 27	18 20	16 36	3 18
T 15	23 27	24 5	0s40	19 33	2 17	20 25	1 9	23 23	1 6	21 43	0 34	22 31	0 10	0 29	0 44	18 12	0 5	9 23	17 5	23 28	23 27	18 22	16 37	3 18
F 16	23 25	24 13	1 45	19 19	2 33	20 39	1 7	23 18	1 6	21 42	0 34	22 30	0 10	0 29	0 44	18 11	0 5	9 24	17 6	23 28	23 27	18 24	16 37	3 18
S 17	23 23	23 10	2 46	19 5	2 48	20 52	1 5	23 13	1 6	21 41	0 33	22 29	0 10	0 29	0 44	18 11	0 5	9 24	17 6	23 28	23 27	18 26	16 38	3 19
S 18	23 21	20 59	3 41	18 52	3 4	21 5	1 3	23 7	1 6	21 41	0 33	22 29	0 9	0 29	0 44	18 10	0 5	9 24	17 6	23 28	23 27	18 28	16 38	3 19
M19	23 18	17 45	4 25	18 40	3 18	21 17	1 0	23 2	1 6	21 40	0 33	22 28	0 9	0 29	0 44	18 10	0 5	9 24	17 7	23 28	23 27	18 30	16 39	3 19
T 20	23 15	13 37	4 57	18 29	3 33	21 29	0 58	22 56	1 7	21 39	0 33	22 27	0 9	0 29	0 44	18 9	0 5	9 24	17 7	23 28	23 27	18 32	16 40	3 19
W21	23 11	8 46	5 14	18 19	3 46	21 40	0 55	22 50	1 7	21 39	0 33	22 26	0 9	0 30	0 44	18 9	0 5	9 24	17 7	23 28	23 27	18 34	16 40	3 20
T 22	23 7	3 25	5 15	18 11	3 59	21 50	0 53	22 44	1 7	21 38	0 32	22 25	0 9	0 30	0 44	18 8	0 5	9 25	17 8	23 28	23 27	18 36	16 41	3 20
F 23	23 2	2n14	4 57	18 4	4 10	22 0	0 50	22 38	1 7	21 38	0 32	22 25	0 9	0 30	0 44	18 8	0 5	9 25	17 8	23 28	23 27	18 39	16 41	3 20
S 24	22 57	7 54	4 22	17 58	4 21	22 9	0 48	22 31	1 7	21 37	0 32	22 24	0 9	0 30	0 44	18 7	0 5	9 25	17 8	23 28	23 27	18 41	16 42	3 20
S 25	22 52	13 16	3 29	17 54	4 30	22 18	0 45	22 25	1 7	21 36	0 32	22 23	0 9	0 30	0 44	18 7	0 5	9 25	17 9	23 28	23 27	18 43	16 43	3 21
M26	22 46	17 58	2 22	17 51	4 38	22 26	0 43	22 18	1 7	21 36	0 32	22 22	0 9	0 30	0 44	18 6	0 5	9 26	17 9	23 28	23 26	18 45	16 43	3 21
T 27	22 40	21 35	1 6	17 49	4 44	22 33	0 40	22 11	1 7	21 35	0 32	22 21	0 9	0 30	0 44	18 6	0 5	9 26	17 9	23 28	23 26	18 47	16 44	3 21
W28	22 34	23 46	0n16	17 49	4 49	22 40	0 38	22 4	1 7	21 35	0 31	22 20	0 9	0 30	0 44	18 5	0 5	9 26	17 10	23 28	23 26	18 49	16 44	3 21
T 29	22 27	24 15	1 36	17 50	4 52	22 46	0 35	21 56	1 8	21 34	0 31	22 20	0 8	0 30	0 45	18 5	0 5	9 26	17 10	23 28	23 26	18 51	16 45	3 22
F 30	22n20	23n 4	2n49	17n53	4s53	22n52	0s33	21n49	1n 8	21s34	0n31	22n19	0s 8	0n30	0s45	18n 4	0n 5	9s27	17s10	23n28	23n26	18s53	16n45	3s22

Julian Day Number = 2302687.5, Delta T = 99.57 sec
Ecliptic obliquity = 23°29'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'09, Lahiri = 18°10'09 Julian Calendar 1 June 1592 == Greg. Calendar 11 June 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

JULY 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 16 7	18♋36'16	13♌45	13°R37	26♊30	28♋ 7	10°R25	16♋48	2°R57	9♌15	16♈17	27°R 5	26♊ 3	3♐21	29♉19	S 1
S 2	19 20 4	19°33'31	27°41	13♋ 5	27°42	28°45	10♐21	16°56	2♈57	9°17	16°17	27♊ 2	26° 0	3°28	29°23	S 2
M 3	19 24 0	20°30'47	11♍12	12°35	28°55	29°23	10°17	17° 4	2°57	9°19	16°17	26°58	25°57	3°35	29°26	M 3
T 4	19 27 57	21°28'02	24°18	12° 9	0♋ 8	0♌ 2	10°12	17°12	2°56	9°21	16°17	26°56	25°54	3°41	29°30	T 4
W 5	19 31 53	22°25'18	7♎ 1	11°47	1°21	0°40	10° 8	17°20	2°56	9°23	16°17	26°54	25°50	3°48	29°33	W 5
T 6	19 35 50	23°22'35	19°25	11°30	2°34	1°19	10° 5	17°27	2°56	9°25	16°R17	26°D53	25°47	3°54	29°36	T 6
F 7	19 39 47	24°19'51	1♏32	11°18	3°47	1°57	10° 1	17°35	2°55	9°27	16°17	26°53	25°44	4° 1	29°39	F 7
S 8	19 43 43	25°17'08	13°29	11°12	5° 0	2°35	9°57	17°43	2°55	9°30	16°17	26°54	25°41	4° 8	29°42	S 8
S 9	19 47 40	26°14'25	25°19	11°D11	6°13	3°13	9°54	17°51	2°54	9°32	16°17	26°56	25°38	4°14	29°45	S 9
M10	19 51 36	27°11'43	7♐ 8	11°15	7°26	3°52	9°51	17°58	2°54	9°34	16°17	26°57	25°34	4°21	29°49	M10
T 11	19 55 33	28° 9'02	18°59	11°26	8°39	4°30	9°48	18° 6	2°53	9°36	16°17	26°58	25°31	4°28	29°52	T 11
W12	19 59 29	29° 6'21	0♑57	11°43	9°52	5° 8	9°45	18°14	2°53	9°38	16°17	26°R59	25°28	4°34	29°54	W12
T 13	20 3 26	0♌ 3'40	13° 5	12° 6	11° 5	5°47	9°42	18°22	2°52	9°41	16°16	26°58	25°25	4°41	29°57	T 13
F 14	20 7 23	1° 1'01	25°24	12°35	12°18	6°25	9°40	18°29	2°51	9°43	16°16	26°55	25°22	4°48	0♊ 0	F 14
S 15	20 11 19	1°58'22	7♒57	13°10	13°31	7° 3	9°37	18°37	2°50	9°45	16°16	26°50	25°19	4°54	0° 3	S 15
S 16	20 15 16	2°55'44	20°44	13°52	14°45	7°41	9°35	18°45	2°50	9°47	16°16	26°45	25°15	5° 1	0° 6	S 16
M17	20 19 12	3°53'07	3♓45	14°39	15°58	8°20	9°33	18°52	2°49	9°49	16°16	26°39	25°12	5° 8	0° 8	M17
T 18	20 23 9	4°50'31	16°59	15°33	17°11	8°58	9°32	19° 0	2°48	9°52	16°16	26°33	25° 9	5°14	0°11	T 18
W19	20 27 5	5°47'56	0♈27	16°32	18°25	9°36	9°30	19° 8	2°47	9°54	16°15	26°28	25° 6	5°21	0°14	W19
T 20	20 31 2	6°45'22	14° 6	17°37	19°38	10°14	9°29	19°15	2°46	9°56	16°15	26°24	25° 3	5°28	0°16	T 20
F 21	20 34 58	7°42'50	27°57	18°48	20°51	10°52	9°27	19°23	2°45	9°58	16°15	26°22	25° 0	5°34	0°19	F 21
S 22	20 38 55	8°40'19	11♉58	20° 4	22° 5	11°31	9°26	19°30	2°44	10° 1	16°14	26°D22	24°56	5°41	0°21	S 22
S 23	20 42 51	9°37'49	26° 8	21°25	23°18	12° 9	9°26	19°38	2°43	10° 3	16°14	26°23	24°53	5°48	0°23	S 23
M24	20 46 48	10°35'21	10♊26	22°52	24°32	12°47	9°25	19°45	2°41	10° 5	16°14	26°24	24°50	5°54	0°26	M24
T 25	20 50 45	11°32'54	24°51	24°23	25°45	13°25	9°24	19°53	2°40	10° 7	16°13	26°R24	24°47	6° 1	0°28	T 25
W26	20 54 41	12°30'29	9♋17	25°59	26°59	14° 4	9°24	20° 0	2°39	10° 9	16°13	26°24	24°44	6° 8	0°30	W26
T 27	20 58 38	13°28'05	23°41	27°39	28°13	14°42	9°D24	20° 8	2°38	10°12	16°12	26°21	24°40	6°14	0°32	T 27
F 28	21 2 34	14°25'42	7♌58	29°22	29°26	15°20	9°24	20°15	2°36	10°14	16°12	26°16	24°37	6°21	0°34	F 28
S 29	21 6 31	15°23'21	22° 3	1♌ 9	0♌40	15°58	9°24	20°22	2°35	10°16	16°12	26°10	24°34	6°28	0°36	S 29
S 30	21 10 27	16°21'00	5♍50	2°59	1°54	16°36	9°25	20°30	2°34	10°18	16°11	26° 2	24°31	6°34	0°38	S 30
M31	21 14 24	17♌18'41	19♍17	4♌52	3♌ 7	17♌15	9♐26	20♋37	2♈32	10♌21	16♈11	25♊53	24♊28	6♐41	0♊40	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n12	20n24	3n49	17n56	4s53	22n57	0s30	21n41	1n 8	21s33	0n31	22n18	0s 8	0n30	0s45	18n 4	0n 5	9s27	17s11	23n28	23n26	18s55	16n46	3s22
S 2	22 4	16 36	4 35	18 2	4 51	23 1	0 27	21 34	1 8	21 33	0 31	22 17	0 8	0 30	0 45	18 3	0 5	9 27	17 11	23 28	23 26	18 57	16 46	3 22
M 3	21 55	12 3	5 3	18 8	4 47	23 4	0 25	21 26	1 8	21 32	0 30	22 16	0 8	0 29	0 45	18 2	0 5	9 27	17 12	23 27	23 26	18 59	16 47	3 23
T 4	21 47	7 4	5 14	18 15	4 42	23 7	0 22	21 18	1 8	21 32	0 30	22 15	0 8	0 29	0 45	18 2	0 5	9 28	17 12	23 27	23 26	19 1	16 47	3 23
W 5	21 37	1 57	5 10	18 24	4 35	23 10	0 20	21 10	1 8	21 31	0 30	22 14	0 8	0 29	0 45	18 1	0 5	9 28	17 12	23 27	23 26	19 3	16 47	3 23
T 6	21 28	3s 8	4 51	18 33	4 27	23 11	0 17	21 1	1 8	21 31	0 30	22 13	0 8	0 29	0 45	18 1	0 5	9 28	17 13	23 27	23 26	19 5	16 48	3 23
F 7	21 18	7 59	4 19	18 44	4 18	23 12	0 14	20 53	1 8	21 31	0 30	22 12	0 8	0 29	0 45	18 0	0 5	9 29	17 13	23 27	23 25	19 7	16 48	3 24
S 8	21 8	12 29	3 36	18 54	4 8	23 12	0 12	20 44	1 8	21 30	0 29	22 11	0 8	0 29	0 45	18 0	0 5	9 29	17 13	23 27	23 25	19 9	16 49	3 24
S 9	20 57	16 28	2 45	19 6	3 56	23 12	0 9	20 35	1 8	21 30	0 29	22 10	0 8	0 28	0 45	17 59	0 5	9 29	17 14	23 27	23 25	19 11	16 49	3 24
M10	20 46	19 48	1 47	19 18	3 44	23 10	0 7	20 26	1 8	21 30	0 29	22 10	0 7	0 28	0 45	17 59	0 5	9 30	17 14	23 27	23 25	19 14	16 49	3 25
T 11	20 35	22 18	0 44	19 30	3 31	23 9	0 4	20 17	1 8	21 30	0 29	22 9	0 7	0 28	0 45	17 58	0 5	9 30	17 14	23 27	23 25	19 16	16 50	3 25
W12	20 23	23 51	0s22	19 42	3 17	23 6	0 1	20 8	1 9	21 29	0 29	22 8	0 7	0 28	0 45	17 57	0 5	9 31	17 15	23 27	23 25	19 18	16 50	3 25
T 13	20 11	24 17	1 27	19 55	3 2	23 3	0n 1	19 59	1 9	21 29	0 28	22 7	0 7	0 27	0 45	17 57	0 5	9 31	17 15	23 27	23 25	19 20	16 50	3 25
F 14	19 59	23 33	2 29	20 7	2 48	22 59	0 4	19 49	1 9	21 29	0 28	22 6	0 7	0 27	0 45	17 56	0 5	9 31	17 15	23 27	23 25	19 22	16 51	3 26
S 15	19 46	21 37	3 25	20 19	2 32	22 55	0 6	19 39	1 9	21 29	0 28	22 5	0 7	0 27	0 45	17 56	0 5	9 32	17 16	23 27	23 25	19 24	16 51	3 26
S 16	19 33	18 35	4 12	20 30	2 17	22 49	0 9	19 30	1 9	21 29	0 28	22 4	0 7	0 26	0 45	17 55	0 5	9 32	17 16	23 27	23 24	19 26	16 51	3 26
M17	19 19	14 36	4 46	20 40	2 1	22 43	0 11	19 20	1 9	21 29	0 28	22 3	0 7	0 26	0 45	17 54	0 5	9 32	17 16	23 27	23 24	19 28	16 51	3 27
T 18	19 6	9 50	5 6	20 50	1 46	22 37	0 14	19 10	1 9	21 29	0 27	22 2	0 7	0 25	0 45	17 54	0 5	9 33	17 17	23 27	23 24	19 30	16 52	3 27
W19	18 52	4 33	5 10	20 58	1 30	22 30	0 16	19 0	1 9	21 29	0 27	22 1	0 7	0 25	0 45	17 53	0 5	9 33	17 17	23 27	23 24	19 32	16 52	3 27
T 20	18 38	1n 2	4 56	21 6	1 15	22 22	0 19	18 49	1 9	21 29	0 27	22 0	0 7	0 25	0 45	17 53	0 5	9 34	17 18	23 27	23 24	19 34	16 52	3 28
F 21	18 23	6 39	4 25	21 11	1 0	22 13	0 21	18 39	1 9	21 29	0 27	21 59	0 7	0 24	0 45	17 52	0 5	9 34	17 18	23 27	23 24	19 36	16 52	3 28
S 22	18 8	12 0	3 38	21 15	0 45	22 4	0 24	18 28	1 9	21 29	0 27	21 58	0 6	0 24	0 45	17 52	0 5	9 35	17 18	23 27	23 24	19 38	16 53	3 28
S 23	17 53	16 47	2 37	21 17	0 30	21 54	0 26	18 18	1 9	21 29	0 26	21 57	0 6	0 23	0 45	17 51	0 5	9 35	17 19	23 27	23 24	19 40	16 53	3 28
M24	17 37	20 39	1 25	21 17	0 16	21 44	0 28	18 7	1 9	21 29	0 26	21 56	0 6	0 23	0 45	17 50	0 5	9 35	17 19	23 27	23 23	19 42	16 53	3 29
T 25	17 21	23 15	0 8	21 15	0 3	21 33	0 31	17 56	1 9	21 29	0 26	21 55	0 6	0 22	0 45	17 50	0 5	9 36	17 19	23 27	23 23	19 43	16 53	3 29
W26	17 5	24 19	1n 9	21 10	0n10	21 21	0 33	17 45	1 9	21 29	0 26	21 54	0 6	0 22	0 45	17 49	0 5	9 36	17 20	23 27	23 23	19 45	16 53	3 29
T 27	16 49	23 44	2 22	21 3	0 22	21 9	0 35	17 34	1 9	21 29	0 26	21 53	0 6	0 21	0 45	17 49	0 5	9 37	17 20	23 27	23 23	19 47	16 53	3 30
F 28	16 32	21 37	3 25	20 53	0 34	20 56	0 38	17 22	1 9	21 29	0 26	21 52	0 6	0 21	0 45	17 48	0 5	9 37	17 20	23 26	23 23	19 49	16 53	3 30
S 29	16 15	18 12	4 15	20 40	0 45	20 42	0 40	17 11	1 9	21 30	0 25	21 51	0 6	0 20	0 45	17 47	0 5	9 38	17 20	23 26	23 23	19 51	16 54	3 30
S 30	15 58	13 51	4 48	20 25	0 54	20 28	0 42	16 59	1 9	21 30	0 25	21 50	0 6	0 19	0 45	17 47	0 5	9 38	17 21	23 26	23 23	19 53	16 54	3 31
M31	15n41	8n55	5n 5	20n 7	1n 3	20n13	0n44	16n48	1n 9	21s30	0n25	21n49	0s 6	0n19	0s45	17n46	0n 5	9s39	17s21	23n26	23n23	19s55	16n54	3s31

Julian Day Number = 2302717.5, Delta T = 99.44 sec
Ecliptic obliquity = 23°29'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'13, Lahiri = 18°10'13 Julian Calendar 1 July 1592 == Greg. Calendar 11 July 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

AUGUST 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 18 21	18♌16'23	2♎21	6♌47	4♌21	17♌53	9♐26	20♋44	2°R31	10♌23	16°R10	25°R45	24♊25	6♐47	0♊42	T 1
W 2	21 22 17	19°14'06	15° 4	8°44	5°35	18°31	9°27	20°51	2♈29	10°25	16♈10	25♊38	24°21	6°54	0°44	W 2
T 3	21 26 14	20°11'50	27°28	10°42	6°49	19° 9	9°29	20°58	2°27	10°27	16° 9	25°34	24°18	7° 1	0°46	T 3
F 4	21 30 10	21° 9'36	9♏35	12°41	8° 3	19°47	9°30	21° 6	2°26	10°29	16° 8	25°31	24°15	7° 7	0°47	F 4
S 5	21 34 7	22° 7'22	21°32	14°41	9°17	20°26	9°32	21°13	2°24	10°32	16° 8	25°D30	24°12	7°14	0°49	S 5
S 6	21 38 3	23° 5'10	3♐22	16°41	10°31	21° 4	9°33	21°20	2°22	10°34	16° 7	25°31	24° 9	7°21	0°50	S 6
M 7	21 42 0	24° 2'59	15°11	18°42	11°45	21°42	9°35	21°27	2°21	10°36	16° 7	25°32	24° 5	7°27	0°52	M 7
T 8	21 45 56	25° 0'49	27° 4	20°42	12°59	22°20	9°38	21°34	2°19	10°38	16° 6	25°R32	24° 2	7°34	0°53	T 8
W 9	21 49 53	25°58'41	9♑ 7	22°42	14°13	22°58	9°40	21°41	2°17	10°40	16° 5	25°31	23°59	7°41	0°54	W 9
T 10	21 53 49	26°56'34	21°22	24°41	15°27	23°37	9°42	21°48	2°15	10°42	16° 5	25°28	23°56	7°47	0°56	T 10
F 11	21 57 46	27°54'28	3♒53	26°40	16°41	24°15	9°45	21°54	2°14	10°45	16° 4	25°22	23°53	7°54	0°57	F 11
S 12	22 1 43	28°52'24	16°43	28°38	17°55	24°53	9°48	22° 1	2°12	10°47	16° 3	25°15	23°50	8° 1	0°58	S 12
S 13	22 5 39	29°50'21	29°51	0♍35	19° 9	25°31	9°51	22° 8	2°10	10°49	16° 2	25° 5	23°46	8° 7	0°59	S 13
M14	22 9 36	0♍48'20	13♓15	2°31	20°23	26° 9	9°54	22°15	2° 8	10°51	16° 2	24°54	23°43	8°14	1° 0	M14
T 15	22 13 32	1°46'20	26°55	4°26	21°37	26°47	9°57	22°21	2° 6	10°53	16° 1	24°43	23°40	8°21	1° 1	T 15
W16	22 17 29	2°44'22	10♈46	6°20	22°52	27°26	10° 1	22°28	2° 4	10°55	16° 0	24°34	23°37	8°27	1° 2	W16
T 17	22 21 25	3°42'26	24°45	8°12	24° 6	28° 4	10° 5	22°34	2° 2	10°57	15°59	24°26	23°34	8°34	1° 2	T 17
F 18	22 25 22	4°40'32	8♉49	10° 4	25°20	28°42	10° 9	22°41	2° 0	10°59	15°59	24°22	23°31	8°41	1° 3	F 18
S 19	22 29 18	5°38'40	22°55	11°54	26°34	29°20	10°13	22°47	1°58	11° 1	15°58	24°19	23°27	8°47	1° 4	S 19
S 20	22 33 15	6°36'50	7♊ 2	13°43	27°49	29°58	10°17	22°54	1°56	11° 3	15°57	24°D19	23°24	8°54	1° 4	S 20
M21	22 37 12	7°35'02	21° 9	15°31	29° 3	0♍37	10°21	23° 0	1°54	11° 5	15°56	24°R19	23°21	9° 0	1° 5	M21
T 22	22 41 8	8°33'17	5♋15	17°18	0♍18	1°15	10°26	23° 6	1°51	11° 8	15°55	24°19	23°18	9° 7	1° 5	T 22
W23	22 45 5	9°31'33	19°18	19° 3	1°32	1°53	10°31	23°13	1°49	11°10	15°54	24°17	23°15	9°14	1° 6	W23
T 24	22 49 1	10°29'52	3♌17	20°48	2°47	2°31	10°35	23°19	1°47	11°12	15°53	24°12	23°11	9°20	1° 6	T 24
F 25	22 52 58	11°28'12	17° 9	22°31	4° 1	3° 9	10°41	23°25	1°45	11°14	15°53	24° 5	23° 8	9°27	1° 6	F 25
S 26	22 56 54	12°26'34	0♍51	24°13	5°16	3°48	10°46	23°31	1°43	11°15	15°52	23°54	23° 5	9°34	1° 6	S 26
S 27	23 0 51	13°24'59	14°20	25°54	6°30	4°26	10°51	23°37	1°40	11°17	15°51	23°42	23° 2	9°40	1° 7	S 27
M28	23 4 47	14°23'25	27°32	27°34	7°45	5° 4	10°57	23°43	1°38	11°19	15°50	23°30	22°59	9°47	1°R 7	M28
T 29	23 8 44	15°21'52	10♎27	29°12	8°59	5°42	11° 2	23°49	1°36	11°21	15°49	23°18	22°56	9°54	1° 7	T 29
W30	23 12 41	16°20'22	23° 4	0♎50	10°14	6°21	11° 8	23°55	1°33	11°23	15°48	23° 7	22°52	10° 0	1° 6	W30
T 31	23 16 37	17♍18'53	5♏24	2♎27	11♍28	6♍59	11♐14	24♋ 0	1♈31	11♌25	15♈47	22♊59	22♊49	10♐ 7	1♊ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n23	3n43	5n 5	19n46	1n12	19n58	0n46	16n36	1n 9	21s30	0n25	21n48	0s 6	0n18	0s46	17n46	0n 5	9s39	17s21	23n25	23n22	19s57	16n54	3s31
W 2	15 5	1s30	4 49	19 23	1 19	19 42	0 48	16 24	1 9	21 31	0 25	21 47	0 6	0 18	0 46	17 45	0 5	9 40	17 22	23 25	23 22	19 59	16 54	3 32
T 3	14 47	6 32	4 21	18 58	1 25	19 25	0 50	16 12	1 9	21 31	0 24	21 46	0 5	0 17	0 46	17 44	0 5	9 40	17 22	23 25	23 22	20 1	16 54	3 32
F 4	14 29	11 13	3 41	18 29	1 31	19 8	0 52	16 0	1 9	21 32	0 24	21 45	0 5	0 16	0 46	17 44	0 5	9 41	17 22	23 25	23 22	20 3	16 54	3 32
S 5	14 10	15 25	2 52	17 59	1 35	18 50	0 54	15 48	1 9	21 32	0 24	21 44	0 5	0 16	0 46	17 43	0 5	9 41	17 23	23 25	23 22	20 5	16 54	3 33
S 6	13 51	18 58	1 56	17 27	1 39	18 32	0 56	15 36	1 9	21 32	0 24	21 43	0 5	0 15	0 46	17 43	0 5	9 42	17 23	23 25	23 22	20 7	16 54	3 33
M 7	13 32	21 45	0 55	16 52	1 42	18 14	0 58	15 24	1 9	21 33	0 24	21 42	0 5	0 14	0 46	17 42	0 5	9 42	17 23	23 25	23 22	20 9	16 54	3 33
T 8	13 13	23 36	0s 8	16 16	1 44	17 54	0 59	15 11	1 9	21 33	0 23	21 41	0 5	0 14	0 46	17 42	0 5	9 43	17 23	23 25	23 21	20 11	16 54	3 34
W 9	12 53	24 23	1 12	15 38	1 46	17 35	1 1	14 59	1 9	21 34	0 23	21 40	0 5	0 13	0 46	17 41	0 5	9 43	17 24	23 25	23 21	20 13	16 54	3 34
T 10	12 34	23 59	2 14	14 59	1 46	17 14	1 3	14 46	1 9	21 35	0 23	21 39	0 5	0 12	0 46	17 40	0 5	9 44	17 24	23 25	23 21	20 15	16 53	3 34
F 11	12 14	22 24	3 10	14 19	1 46	16 54	1 4	14 33	1 9	21 35	0 23	21 38	0 5	0 11	0 46	17 40	0 5	9 44	17 24	23 25	23 21	20 16	16 53	3 35
S 12	11 54	19 38	3 58	13 37	1 45	16 32	1 6	14 20	1 9	21 36	0 23	21 37	0 5	0 11	0 46	17 39	0 5	9 45	17 25	23 24	23 21	20 18	16 53	3 35
S 13	11 33	15 50	4 34	12 55	1 44	16 11	1 7	14 7	1 9	21 36	0 22	21 36	0 5	0 10	0 46	17 39	0 5	9 45	17 25	23 24	23 21	20 20	16 53	3 36
M14	11 13	11 9	4 57	12 11	1 42	15 49	1 9	13 54	1 9	21 37	0 22	21 35	0 5	0 9	0 46	17 38	0 5	9 46	17 25	23 24	23 21	20 22	16 53	3 36
T 15	10 52	5 51	5 2	11 27	1 40	15 26	1 10	13 41	1 9	21 38	0 22	21 34	0 4	0 8	0 46	17 38	0 5	9 46	17 25	23 23	23 20	20 24	16 53	3 36
W16	10 31	0 11	4 51	10 43	1 37	15 3	1 12	13 28	1 9	21 38	0 22	21 33	0 4	0 7	0 46	17 37	0 5	9 47	17 26	23 23	23 20	20 26	16 53	3 37
T 17	10 10	5n33	4 22	9 57	1 33	14 40	1 13	13 15	1 9	21 39	0 22	21 32	0 4	0 7	0 46	17 36	0 5	9 47	17 26	23 23	23 20	20 28	16 52	3 37
F 18	9 49	11 3	3 37	9 12	1 30	14 16	1 14	13 1	1 9	21 40	0 22	21 31	0 4	0 6	0 46	17 36	0 5	9 48	17 26	23 22	23 20	20 30	16 52	3 37
S 19	9 28	15 59	2 39	8 26	1 25	13 52	1 15	12 48	1 9	21 41	0 21	21 30	0 4	0 5	0 46	17 35	0 5	9 48	17 26	23 22	23 20	20 31	16 52	3 38
S 20	9 6	20 3	1 30	7 40	1 21	13 27	1 16	12 35	1 9	21 41	0 21	21 29	0 4	0 4	0 46	17 35	0 5	9 49	17 27	23 22	23 20	20 33	16 52	3 38
M21	8 45	22 55	0 17	6 53	1 16	13 2	1 17	12 21	1 8	21 42	0 21	21 28	0 4	0 3	0 46	17 34	0 5	9 49	17 27	23 22	23 20	20 35	16 51	3 38
T 22	8 23	24 21	0n58	6 7	1 11	12 37	1 18	12 7	1 8	21 43	0 21	21 27	0 4	0 2	0 46	17 34	0 5	9 50	17 27	23 22	23 19	20 37	16 51	3 39
W23	8 1	24 13	2 8	5 20	1 5	12 11	1 19	11 54	1 8	21 44	0 21	21 26	0 4	0 1	0 46	17 33	0 5	9 50	17 27	23 22	23 19	20 39	16 51	3 39
T 24	7 39	22 33	3 11	4 34	0 59	11 45	1 20	11 40	1 8	21 45	0 21	21 25	0 4	0 1	0 46	17 33	0 5	9 51	17 27	23 22	23 19	20 41	16 51	3 39
F 25	7 17	19 33	4 1	3 48	0 53	11 19	1 21	11 26	1 8	21 46	0 20	21 24	0 4	0s 0	0 46	17 32	0 5	9 51	17 28	23 22	23 19	20 43	16 50	3 40
S 26	6 54	15 30	4 37	3 1	0 47	10 52	1 22	11 12	1 8	21 47	0 20	21 23	0 3	0 1	0 46	17 32	0 5	9 52	17 28	23 21	23 19	20 44	16 50	3 40
S 27	6 32	10 44	4 57	2 15	0 40	10 25	1 22	10 58	1 8	21 48	0 20	21 22	0 3	0 2	0 46	17 31	0 5	9 52	17 28	23 21	23 19	20 46	16 50	3 41
M28	6 9	5 34	5 0	1 29	0 34	9 58	1 23	10 44	1 8	21 48	0 20	21 21	0 3	0 3	0 46	17 30	0 5	9 53	17 28	23 20	23 18	20 48	16 49	3 41
T 29	5 47	0 16	4 48	0 44	0 27	9 30	1 23	10 30	1 8	21 49	0 20	21 20	0 3	0 4	0 46	17 30	0 5	9 53	17 28	23 19	23 18	20 50	16 49	3 41
W30	5 24	4s57	4 21	0s 2	0 20	9 2	1 24	10 15	1 8	21 50	0 19	21 19	0 3	0 5	0 46	17 29	0 6	9 54	17 29	23 19	23 18	20 52	16 49	3 42
T 31	5n 1	9s51	3n43	0s47	0n13	8n34	1n24	10n 1	1n 8	21s51	0n19	21n18	0s 3	0s 6	0s46	17n29	0n 6	9s55	17s29	23n18	23n18	20s54	16n48	3s42

Julian Day Number = 2302748.5, Delta T = 99.32 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'17, Lahiri = 18°10'17 Julian Calendar 1 Aug. 1592 == Greg. Calendar 11 Aug. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

SEPTEMBER 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 20 34	18♍17'26	17♏30	4♎ 2	12♍43	7♍37	11♐20	24♋ 6	1°R29	11♑27	15°R46	22°R53	22♊46	10♐14	1°R 6	F 1
S 2	23 24 30	19°16'01	29°25	5°37	13°58	8°15	11°27	24°11	1♈26	11°29	15♈45	22♊50	22°43	10°20	1♊ 6	S 2
S 3	23 28 27	20°14'38	11♐14	7°10	15°12	8°54	11°33	24°17	1°24	11°31	15°44	22°49	22°40	10°27	1° 5	S 3
M 4	23 32 23	21°13'16	23° 2	8°43	16°27	9°32	11°40	24°22	1°22	11°32	15°43	22°49	22°37	10°34	1° 5	M 4
T 5	23 36 20	22°11'56	4♑55	10°14	17°42	10°10	11°47	24°28	1°19	11°34	15°42	22°48	22°33	10°40	1° 4	T 5
W 6	23 40 16	23°10'38	16°59	11°44	18°57	10°48	11°54	24°33	1°17	11°36	15°41	22°47	22°30	10°47	1° 4	W 6
T 7	23 44 13	24° 9'22	29°18	13°14	20°11	11°27	12° 1	24°38	1°15	11°38	15°40	22°44	22°27	10°54	1° 3	T 7
F 8	23 48 10	25° 8'07	11♒56	14°42	21°26	12° 5	12° 8	24°43	1°12	11°40	15°39	22°37	22°24	11° 0	1° 2	F 8
S 9	23 52 6	26° 6'54	24°56	16°10	22°41	12°43	12°15	24°48	1°10	11°41	15°37	22°29	22°21	11° 7	1° 1	S 9
S 10	23 56 3	27° 5'43	8♓20	17°36	23°56	13°22	12°23	24°53	1° 7	11°43	15°36	22°18	22°17	11°13	1° 1	S 10
M11	23 59 59	28° 4'33	22° 6	19° 1	25°11	14° 0	12°30	24°58	1° 5	11°45	15°35	22° 6	22°14	11°20	1° 0	M11
T 12	0 3 56	29° 3'26	6♈10	20°26	26°25	14°38	12°38	25° 3	1° 3	11°46	15°34	21°54	22°11	11°27	0°59	T 12
W13	0 7 52	0♎ 2'21	20°28	21°49	27°40	15°17	12°46	25° 8	1° 0	11°48	15°33	21°43	22° 8	11°33	0°58	W13
T 14	0 11 49	1° 1'18	4♉53	23°11	28°55	15°55	12°54	25°13	0°58	11°49	15°32	21°34	22° 5	11°40	0°56	T 14
F 15	0 15 45	2° 0'17	19°19	24°32	0♎10	16°33	13° 2	25°17	0°55	11°51	15°31	21°29	22° 2	11°47	0°55	F 15
S 16	0 19 42	2°59'19	3♊42	25°51	1°25	17°12	13°10	25°22	0°53	11°53	15°30	21°26	21°58	11°53	0°54	S 16
S 17	0 23 39	3°58'23	17°59	27°10	2°40	17°50	13°19	25°26	0°50	11°54	15°29	21°D25	21°55	12° 0	0°53	S 17
M18	0 27 35	4°57'29	2♋ 7	28°27	3°55	18°28	13°27	25°30	0°48	11°56	15°28	21°R25	21°52	12° 7	0°51	M18
T 19	0 31 32	5°56'38	16° 5	29°43	5°10	19° 7	13°36	25°35	0°46	11°57	15°26	21°25	21°49	12°13	0°50	T 19
W20	0 35 28	6°55'49	29°53	0♏57	6°25	19°45	13°45	25°39	0°43	11°59	15°25	21°23	21°46	12°20	0°48	W20
T 21	0 39 25	7°55'02	13♌31	2° 9	7°40	20°23	13°54	25°43	0°41	12° 0	15°24	21°18	21°43	12°27	0°47	T 21
F 22	0 43 21	8°54'18	27° 0	3°20	8°55	21° 2	14° 3	25°47	0°38	12° 1	15°23	21°11	21°39	12°33	0°45	F 22
S 23	0 47 18	9°53'36	10♍17	4°30	10°10	21°40	14°12	25°51	0°36	12° 3	15°22	21° 2	21°36	12°40	0°43	S 23
S 24	0 51 14	10°52'56	23°23	5°37	11°25	22°19	14°21	25°54	0°34	12° 4	15°21	20°50	21°33	12°47	0°41	S 24
M25	0 55 11	11°52'18	6♎16	6°42	12°40	22°57	14°31	25°58	0°31	12° 5	15°20	20°38	21°30	12°53	0°40	M25
T 26	0 59 7	12°51'42	18°55	7°45	13°55	23°35	14°40	26° 2	0°29	12° 7	15°18	20°26	21°27	13° 0	0°38	T 26
W27	1 3 4	13°51'09	1♏20	8°45	15°10	24°14	14°50	26° 5	0°27	12° 8	15°17	20°15	21°23	13° 6	0°36	W27
T 28	1 7 1	14°50'37	13°32	9°43	16°25	24°52	15° 0	26° 9	0°24	12° 9	15°16	20° 7	21°20	13°13	0°34	T 28
F 29	1 10 57	15°50'07	25°33	10°38	17°40	25°31	15° 9	26°12	0°22	12°10	15°15	20° 1	21°17	13°20	0°32	F 29
S 30	1 14 54	16♎49'40	7♐25	11♏29	18♎55	26♍ 9	15♐19	26♋15	0♈20	12♑12	15♈14	19♊58	21♊14	13♐26	0♊29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n38	14s17	2n55	1s31	0n 6	8n 6	1n25	9n47	1n 8	21s52	0n19	21n17	0s 3	0s 7	0s46	17n28	0n 6	9s55	17s29	23n18	23n18	20s55	16n48	3s42
S 2	4 15	18 6	2 1	2 16	0s 2	7 38	1 25	9 32	1 8	21 53	0 19	21 17	0 3	0 8	0 46	17 28	0 6	9 56	17 29	23 18	23 18	20 57	16 47	3 43
S 3	3 52	21 10	1 1	2 59	0 9	7 9	1 25	9 18	1 8	21 55	0 19	21 16	0 3	0 9	0 46	17 27	0 6	9 56	17 29	23 18	23 17	20 59	16 47	3 43
M 4	3 29	23 20	0s 1	3 43	0 16	6 40	1 25	9 3	1 7	21 56	0 19	21 15	0 3	0 10	0 46	17 27	0 6	9 57	17 29	23 18	23 17	21 1	16 47	3 43
T 5	3 6	24 28	1 4	4 26	0 24	6 11	1 25	8 49	1 7	21 57	0 18	21 14	0 3	0 11	0 46	17 26	0 6	9 57	17 30	23 18	23 17	21 3	16 46	3 44
W 6	2 43	24 28	2 4	5 8	0 32	5 41	1 25	8 34	1 7	21 58	0 18	21 13	0 3	0 12	0 46	17 26	0 6	9 58	17 30	23 18	23 17	21 4	16 46	3 44
T 7	2 20	23 17	3 0	5 50	0 39	5 12	1 25	8 19	1 7	21 59	0 18	21 12	0 2	0 12	0 46	17 25	0 6	9 58	17 30	23 18	23 17	21 6	16 45	3 44
F 8	1 56	20 55	3 49	6 31	0 47	4 42	1 25	8 5	1 7	22 0	0 18	21 11	0 2	0 13	0 46	17 25	0 6	9 59	17 30	23 17	23 16	21 8	16 45	3 45
S 9	1 33	17 26	4 27	7 12	0 54	4 13	1 25	7 50	1 7	22 1	0 18	21 11	0 2	0 14	0 46	17 25	0 6	9 59	17 30	23 17	23 16	21 10	16 44	3 45
S 10	1 9	12 58	4 52	7 52	1 2	3 43	1 25	7 35	1 7	22 2	0 18	21 10	0 2	0 15	0 46	17 24	0 6	10 0	17 30	23 16	23 16	21 12	16 44	3 45
M11	0 46	7 44	5 1	8 32	1 9	3 13	1 24	7 20	1 7	22 3	0 18	21 9	0 2	0 16	0 46	17 24	0 6	10 0	17 30	23 15	23 16	21 13	16 43	3 46
T 12	0 23	2 0	4 51	9 11	1 17	2 42	1 24	7 5	1 7	22 5	0 17	21 8	0 2	0 17	0 46	17 23	0 6	10 1	17 30	23 15	23 16	21 15	16 43	3 46
W13	0s 1	3n56	4 24	9 49	1 24	2 12	1 24	6 50	1 6	22 6	0 17	21 7	0 2	0 18	0 46	17 23	0 6	10 1	17 31	23 14	23 16	21 17	16 42	3 47
T 14	0 24	9 43	3 40	10 27	1 32	1 42	1 23	6 35	1 6	22 7	0 17	21 7	0 2	0 19	0 46	17 22	0 6	10 2	17 31	23 13	23 15	21 19	16 41	3 47
F 15	0 48	15 1	2 41	11 3	1 39	1 12	1 22	6 20	1 6	22 8	0 17	21 6	0 2	0 20	0 46	17 22	0 6	10 2	17 31	23 13	23 15	21 20	16 41	3 47
S 16	1 11	19 26	1 32	11 39	1 46	0 41	1 22	6 5	1 6	22 9	0 17	21 5	0 2	0 21	0 46	17 21	0 6	10 3	17 31	23 13	23 15	21 22	16 40	3 48
S 17	1 35	22 39	0 18	12 14	1 53	0 11	1 21	5 50	1 6	22 10	0 17	21 5	0 2	0 22	0 46	17 21	0 6	10 3	17 31	23 13	23 15	21 24	16 40	3 48
M18	1 58	24 25	0n56	12 49	2 0	0s20	1 20	5 35	1 6	22 12	0 16	21 4	0 1	0 23	0 46	17 21	0 6	10 4	17 31	23 13	23 15	21 26	16 39	3 48
T 19	2 22	24 37	2 7	13 22	2 7	0 50	1 20	5 20	1 6	22 13	0 16	21 3	0 1	0 24	0 46	17 20	0 6	10 4	17 31	23 13	23 14	21 27	16 38	3 49
W20	2 45	23 18	3 9	13 55	2 13	1 21	1 19	5 4	1 6	22 14	0 16	21 2	0 1	0 25	0 46	17 20	0 6	10 5	17 31	23 13	23 14	21 29	16 38	3 49
T 21	3 9	20 37	3 59	14 26	2 20	1 51	1 18	4 49	1 5	22 15	0 16	21 2	0 1	0 26	0 46	17 19	0 6	10 5	17 31	23 12	23 14	21 31	16 37	3 49
F 22	3 32	16 51	4 36	14 56	2 26	2 22	1 17	4 34	1 5	22 16	0 16	21 1	0 1	0 27	0 46	17 19	0 6	10 6	17 31	23 12	23 14	21 33	16 37	3 50
S 23	3 56	12 18	4 57	15 26	2 32	2 52	1 16	4 19	1 5	22 18	0 16	21 1	0 1	0 28	0 46	17 19	0 6	10 6	17 31	23 11	23 14	21 34	16 36	3 50
S 24	4 19	7 15	5 2	15 54	2 37	3 23	1 15	4 3	1 5	22 19	0 16	21 0	0 1	0 29	0 46	17 18	0 6	10 6	17 31	23 11	23 13	21 36	16 35	3 50
M25	4 42	1 58	4 51	16 21	2 43	3 53	1 13	3 48	1 5	22 20	0 15	20 59	0 1	0 30	0 46	17 18	0 6	10 7	17 31	23 10	23 13	21 38	16 34	3 51
T 26	5 5	3s19	4 26	16 46	2 48	4 24	1 12	3 32	1 5	22 21	0 15	20 59	0 1	0 31	0 46	17 18	0 6	10 7	17 31	23 9	23 13	21 39	16 34	3 51
W27	5 29	8 23	3 49	17 10	2 52	4 54	1 11	3 17	1 5	22 23	0 15	20 58	0 1	0 32	0 46	17 17	0 6	10 8	17 31	23 8	23 13	21 41	16 33	3 51
T 28	5 52	13 3	3 1	17 33	2 57	5 24	1 10	3 2	1 4	22 24	0 15	20 58	0 0	0 32	0 46	17 17	0 6	10 8	17 31	23 7	23 13	21 43	16 32	3 51
F 29	6 15	17 8	2 7	17 54	3 0	5 54	1 8	2 46	1 4	22 25	0 15	20 57	0 0	0 33	0 46	17 17	0 6	10 9	17 31	23 7	23 12	21 44	16 32	3 52
S 30	6s38	20s30	1n 7	18s13	3s 4	6s24	1n 7	2n31	1n 4	22s26	0n15	20n57	0s 0	0s34	0s46	17n16	0n 6	10s 9	17s31	23n 7	23n12	21s46	16n31	3s52

Julian Day Number = 2302779.5, Delta T = 99.19 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'21, Lahiri = 18°10'22 Julian Calendar 1 Sept. 1592 == Greg. Calendar 11 Sept. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

OCTOBER 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 18 50	17♎49'14	19♐12	12♏17	20♎10	26♍48	15♐29	26♋18	0°R17	12♌13	15°R13	19°D57	21♊11	13♐33	0°R27	S 1
M 2	1 22 47	18°48'50	0♑59	13° 1	21°25	27°26	15°40	26°21	0♈15	12°14	15♈11	19♊58	21° 8	13°40	0♊25	M 2
T 3	1 26 43	19°48'27	12°50	13°40	22°41	28° 5	15°50	26°24	0°13	12°15	15°10	19°59	21° 4	13°46	0°23	T 3
W 4	1 30 40	20°48'07	24°52	14°15	23°56	28°43	16° 0	26°27	0°11	12°16	15° 9	19°R59	21° 1	13°53	0°20	W 4
T 5	1 34 36	21°47'48	7♒10	14°44	25°11	29°22	16°11	26°30	0° 8	12°17	15° 8	19°57	20°58	14° 0	0°18	T 5
F 6	1 38 33	22°47'31	19°47	15° 8	26°26	0♎ 0	16°21	26°32	0° 6	12°18	15° 7	19°54	20°55	14° 6	0°15	F 6
S 7	1 42 30	23°47'16	2♓50	15°25	27°41	0°39	16°32	26°35	0° 4	12°19	15° 6	19°48	20°52	14°13	0°13	S 7
S 8	1 46 26	24°47'02	16°19	15°35	28°56	1°17	16°43	26°37	0° 2	12°20	15° 5	19°41	20°48	14°20	0°10	S 8
M 9	1 50 23	25°46'50	0♈15	15°R38	0♏11	1°56	16°54	26°39	29♓59	12°21	15° 3	19°32	20°45	14°26	0° 8	M 9
T 10	1 54 19	26°46'40	14°34	15°32	1°26	2°34	17° 5	26°41	29°58	12°22	15° 2	19°23	20°42	14°33	0° 5	T 10
W11	1 58 16	27°46'32	29°13	15°18	2°42	3°13	17°16	26°43	29°56	12°23	15° 1	19°15	20°39	14°39	0° 2	W11
T 12	2 2 12	28°46'26	14♉ 2	14°55	3°57	3°51	17°27	26°45	29°54	12°23	15° 0	19° 9	20°36	14°46	29♉59	T 12
F 13	2 6 9	29°46'22	28°54	14°23	5°12	4°30	17°38	26°47	29°52	12°24	14°59	19° 5	20°33	14°53	29°57	F 13
S 14	2 10 5	0♏46'20	13♊42	13°41	6°27	5° 9	17°49	26°49	29°50	12°25	14°58	19°D 3	20°29	14°59	29°54	S 14
S 15	2 14 2	1°46'21	28°18	12°51	7°42	5°47	18° 1	26°51	29°48	12°26	14°57	19° 4	20°26	15° 6	29°51	S 15
M16	2 17 59	2°46'23	12♋39	11°51	8°57	6°26	18°12	26°52	29°46	12°26	14°56	19° 5	20°23	15°13	29°48	M16
T 17	2 21 55	3°46'28	26°43	10°45	10°13	7° 4	18°24	26°54	29°44	12°27	14°55	19° 6	20°20	15°19	29°45	T 17
W18	2 25 52	4°46'35	10♌29	9°32	11°28	7°43	18°35	26°55	29°42	12°28	14°54	19°R 6	20°17	15°26	29°42	W18
T 19	2 29 48	5°46'44	23°57	8°15	12°43	8°22	18°47	26°56	29°40	12°28	14°52	19° 4	20°14	15°33	29°39	T 19
F 20	2 33 45	6°46'55	7♍10	6°57	13°58	9° 0	18°59	26°57	29°38	12°29	14°51	19° 1	20°10	15°39	29°36	F 20
S 21	2 37 41	7°47'08	20° 9	5°39	15°13	9°39	19°11	26°58	29°37	12°29	14°50	18°55	20° 7	15°46	29°33	S 21
S 22	2 41 38	8°47'23	2♎54	4°24	16°29	10°18	19°23	26°59	29°35	12°30	14°49	18°48	20° 4	15°53	29°30	S 22
M23	2 45 34	9°47'40	15°27	3°14	17°44	10°57	19°35	27° 0	29°33	12°30	14°48	18°41	20° 1	15°59	29°27	M23
T 24	2 49 31	10°47'59	27°49	2°12	18°59	11°35	19°47	27° 0	29°32	12°31	14°47	18°34	19°58	16° 6	29°24	T 24
W25	2 53 28	11°48'20	10♏ 0	1°19	20°14	12°14	19°59	27° 1	29°30	12°31	14°46	18°28	19°54	16°13	29°20	W25
T 26	2 57 24	12°48'42	22° 2	0°37	21°30	12°53	20°11	27° 1	29°28	12°31	14°45	18°23	19°51	16°19	29°17	T 26
F 27	3 1 21	13°49'06	3♐56	0° 6	22°45	13°31	20°23	27° 2	29°27	12°32	14°44	18°20	19°48	16°26	29°14	F 27
S 28	3 5 17	14°49'32	15°45	29♎47	24° 0	14°10	20°36	27° 2	29°25	12°32	14°43	18°D19	19°45	16°32	29°10	S 28
S 29	3 9 14	15°50'00	27°31	29°D40	25°15	14°49	20°48	27°R 2	29°24	12°32	14°42	18°19	19°42	16°39	29° 7	S 29
M30	3 13 10	16°50'29	9♑17	29°44	26°30	15°28	21° 1	27° 2	29°22	12°32	14°41	18°21	19°39	16°46	29° 4	M30
T 31	3 17 7	17♏50'59	21♑ 9	29♎58	27♏46	16♎ 7	21♐13	27♋ 2	29♓21	12♌33	14♈40	18♊22	19♊35	16♐52	29♉ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s 0	22s59	0n 4	18s31	3s 6	6s54	1n 5	2n15	1n 4	22s28	0n15	20n56	0s 0	0s35	0s46	17n16	0n 6	10s 9	17s31	23n 7	23n12	21s48	16n30	3s52
M 2	7 23	24 28	0s59	18 46	3 9	7 23	1 4	2 0	1 4	22 29	0 14	20 56	0 0	0 36	0 46	17 16	0 6	10 10	17 31	23 7	23 12	21 50	16 29	3 53
T 3	7 46	24 51	2 0	19 0	3 10	7 53	1 2	1 44	1 4	22 30	0 14	20 55	0 0	0 37	0 46	17 15	0 6	10 10	17 31	23 7	23 11	21 51	16 29	3 53
W 4	8 8	24 5	2 56	19 11	3 11	8 22	1 0	1 29	1 3	22 31	0 14	20 55	0n 0	0 38	0 46	17 15	0 6	10 11	17 31	23 7	23 11	21 53	16 28	3 53
T 5	8 31	22 9	3 45	19 19	3 10	8 51	0 59	1 13	1 3	22 32	0 14	20 54	0 0	0 39	0 46	17 15	0 6	10 11	17 31	23 7	23 11	21 55	16 27	3 54
F 6	8 53	19 6	4 25	19 25	3 9	9 20	0 57	0 58	1 3	22 34	0 14	20 54	0 0	0 39	0 46	17 15	0 6	10 11	17 31	23 6	23 11	21 56	16 26	3 54
S 7	9 15	15 2	4 53	19 28	3 7	9 49	0 55	0 42	1 3	22 35	0 14	20 54	0 0	0 40	0 46	17 14	0 6	10 12	17 31	23 6	23 11	21 58	16 26	3 54
S 8	9 37	10 6	5 6	19 28	3 3	10 17	0 53	0 27	1 3	22 36	0 14	20 53	0 0	0 41	0 46	17 14	0 6	10 12	17 31	23 5	23 10	21 59	16 25	3 54
M 9	9 59	4 30	5 1	19 24	2 59	10 46	0 52	0 11	1 2	22 37	0 14	20 53	0 1	0 42	0 46	17 14	0 6	10 13	17 31	23 5	23 10	22 1	16 24	3 55
T 10	10 21	1n29	4 38	19 17	2 53	11 14	0 50	0s 4	1 2	22 38	0 13	20 53	0 1	0 43	0 46	17 14	0 6	10 13	17 31	23 4	23 10	22 3	16 23	3 55
W11	10 42	7 33	3 56	19 5	2 45	11 41	0 48	0 20	1 2	22 40	0 13	20 52	0 1	0 44	0 46	17 13	0 6	10 13	17 31	23 3	23 10	22 4	16 22	3 55
T 12	11 4	13 16	2 57	18 50	2 36	12 9	0 46	0 36	1 2	22 41	0 13	20 52	0 1	0 44	0 46	17 13	0 6	10 14	17 31	23 3	23 10	22 6	16 21	3 55
F 13	11 25	18 14	1 47	18 30	2 25	12 36	0 44	0 51	1 2	22 42	0 13	20 52	0 1	0 45	0 46	17 13	0 6	10 14	17 31	23 3	23 9	22 8	16 21	3 56
S 14	11 46	22 1	0 29	18 5	2 12	13 3	0 42	1 7	1 1	22 43	0 13	20 51	0 1	0 46	0 46	17 13	0 6	10 14	17 30	23 2	23 9	22 9	16 20	3 56
S 15	12 7	24 19	0n50	17 36	1 58	13 29	0 40	1 22	1 1	22 44	0 13	20 51	0 1	0 47	0 46	17 13	0 6	10 15	17 30	23 2	23 9	22 11	16 19	3 56
M16	12 28	24 57	2 4	17 2	1 42	13 55	0 37	1 38	1 1	22 45	0 13	20 51	0 1	0 47	0 46	17 12	0 6	10 15	17 30	23 3	23 9	22 12	16 18	3 56
T 17	12 48	23 58	3 9	16 25	1 24	14 21	0 35	1 53	1 1	22 47	0 13	20 51	0 1	0 48	0 46	17 12	0 6	10 15	17 30	23 3	23 8	22 14	16 17	3 57
W18	13 9	21 32	4 2	15 44	1 5	14 47	0 33	2 9	1 0	22 48	0 12	20 51	0 1	0 49	0 45	17 12	0 6	10 15	17 30	23 3	23 8	22 16	16 16	3 57
T 19	13 29	17 58	4 41	15 0	0 45	15 12	0 31	2 24	1 0	22 49	0 12	20 51	0 2	0 50	0 45	17 12	0 6	10 16	17 30	23 2	23 8	22 17	16 16	3 57
F 20	13 49	13 35	5 3	14 15	0 24	15 37	0 29	2 40	1 0	22 50	0 12	20 50	0 2	0 50	0 45	17 12	0 6	10 16	17 30	23 2	23 8	22 19	16 15	3 57
S 21	14 8	8 39	5 10	13 29	0 4	16 1	0 26	2 55	1 0	22 51	0 12	20 50	0 2	0 51	0 45	17 12	0 6	10 16	17 29	23 2	23 7	22 20	16 14	3 58
S 22	14 28	3 26	5 1	12 45	0n17	16 25	0 24	3 10	1 0	22 52	0 12	20 50	0 2	0 52	0 45	17 12	0 6	10 16	17 29	23 1	23 7	22 22	16 13	3 58
M23	14 47	1s50	4 37	12 3	0 36	16 49	0 22	3 26	0 59	22 53	0 12	20 50	0 2	0 52	0 45	17 11	0 6	10 17	17 29	23 1	23 7	22 24	16 12	3 58
T 24	15 6	6 58	4 1	11 24	0 55	17 12	0 19	3 41	0 59	22 54	0 12	20 50	0 2	0 53	0 45	17 11	0 6	10 17	17 29	23 0	23 7	22 25	16 11	3 58
W25	15 25	11 47	3 14	10 50	1 12	17 34	0 17	3 57	0 59	22 55	0 12	20 50	0 2	0 54	0 45	17 11	0 6	10 17	17 29	22 59	23 6	22 27	16 10	3 58
T 26	15 43	16 5	2 19	10 21	1 27	17 56	0 15	4 12	0 59	22 56	0 11	20 50	0 2	0 54	0 45	17 11	0 6	10 17	17 29	22 59	23 6	22 28	16 9	3 59
F 27	16 1	19 42	1 18	9 58	1 41	18 18	0 12	4 27	0 58	22 57	0 11	20 50	0 2	0 55	0 45	17 11	0 6	10 18	17 28	22 59	23 6	22 30	16 9	3 59
S 28	16 19	22 30	0 14	9 40	1 52	18 39	0 10	4 43	0 58	22 58	0 11	20 50	0 3	0 55	0 45	17 11	0 6	10 18	17 28	22 59	23 6	22 31	16 8	3 59
S 29	16 37	24 18	0s50	9 29	2 2	19 0	0 7	4 58	0 58	22 59	0 11	20 51	0 3	0 56	0 45	17 11	0 6	10 18	17 28	22 59	23 5	22 33	16 7	3 59
M30	16 54	25 2	1 53	9 23	2 10	19 20	0 5	5 13	0 58	23 0	0 11	20 51	0 3	0 56	0 45	17 11	0 6	10 18	17 28	22 59	23 5	22 34	16 6	3 59
T 31	17s11	24s38	2s51	9s22	2n16	19s40	0n 3	5s28	0n57	23s 1	0n11	20n51	0n 3	0s57	0s45	17n11	0n 6	10s18	17s28	22n59	23n 5	22s36	16n 5	4s 0

Julian Day Number = 2302809.5, Delta T = 99.06 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'25, Lahiri = 18°10'26 Julian Calendar 1 Oct. 1592 == Greg. Calendar 11 Oct. 1592

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1592
geocentric

NOVEMBER 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 21 3	18♏51'30	3♒ 9	0♏22	29♏ 1	16♎45	21♐26	27°R 1	29°R20	12♑33	14°R39	18♊24	19♊32	16♐59	28°R57	W 1
T 2	3 25 0	19°52'03	15°24	0°56	0♐16	17°24	21°38	27♋ 1	29♓18	12°33	14♈39	18°R25	19°29	17° 6	28♉54	T 2
F 3	3 28 57	20°52'37	27°57	1°37	1°31	18° 3	21°51	27° 0	29°17	12°33	14°38	18°25	19°26	17°12	28°50	F 3
S 4	3 32 53	21°53'13	10♓54	2°25	2°47	18°42	22° 4	27° 0	29°16	12°33	14°37	18°24	19°23	17°19	28°47	S 4
S 5	3 36 50	22°53'49	24°17	3°20	4° 2	19°21	22°17	26°59	29°15	12°R33	14°36	18°21	19°20	17°26	28°43	S 5
M 6	3 40 46	23°54'27	8♈ 9	4°20	5°17	19°59	22°30	26°58	29°14	12°33	14°35	18°18	19°16	17°32	28°40	M 6
T 7	3 44 43	24°55'06	22°29	5°25	6°32	20°38	22°43	26°57	29°13	12°33	14°34	18°14	19°13	17°39	28°37	T 7
W 8	3 48 39	25°55'46	7♉12	6°34	7°47	21°17	22°56	26°56	29°12	12°33	14°33	18°11	19°10	17°46	28°33	W 8
T 9	3 52 36	26°56'28	22°13	7°47	9° 3	21°56	23° 9	26°55	29°11	12°33	14°33	18° 9	19° 7	17°52	28°30	T 9
F 10	3 56 32	27°57'11	7♊23	9° 3	10°18	22°35	23°22	26°54	29°10	12°32	14°32	18° 7	19° 4	17°59	28°26	F 10
S 11	4 0 29	28°57'55	22°31	10°21	11°33	23°14	23°35	26°52	29° 9	12°32	14°31	18°D 7	19° 0	18° 5	28°23	S 11
S 12	4 4 26	29°58'41	7♋30	11°42	12°48	23°53	23°48	26°51	29° 8	12°32	14°30	18° 8	18°57	18°12	28°19	S 12
M13	4 8 22	0♐59'28	22°12	13° 4	14° 3	24°32	24° 1	26°49	29° 7	12°32	14°29	18° 9	18°54	18°19	28°16	M13
T 14	4 12 19	2° 0'17	6♌32	14°28	15°19	25°11	24°14	26°48	29° 6	12°31	14°29	18°10	18°51	18°25	28°12	T 14
W15	4 16 15	3° 1'07	20°28	15°54	16°34	25°49	24°28	26°46	29° 6	12°31	14°28	18°11	18°48	18°32	28° 9	W15
T 16	4 20 12	4° 1'59	3♍59	17°20	17°49	26°28	24°41	26°44	29° 5	12°31	14°27	18°R12	18°45	18°39	28° 5	T 16
F 17	4 24 8	5° 2'52	17° 9	18°48	19° 4	27° 7	24°54	26°42	29° 5	12°30	14°27	18°11	18°41	18°45	28° 2	F 17
S 18	4 28 5	6° 3'46	29°58	20°16	20°19	27°46	25° 8	26°40	29° 4	12°30	14°26	18°10	18°38	18°52	27°59	S 18
S 19	4 32 1	7° 4'42	12♎30	21°46	21°34	28°25	25°21	26°37	29° 4	12°29	14°25	18° 9	18°35	18°59	27°55	S 19
M20	4 35 58	8° 5'39	24°49	23°15	22°50	29° 4	25°35	26°35	29° 3	12°29	14°25	18° 7	18°32	19° 5	27°52	M20
T 21	4 39 55	9° 6'37	6♏56	24°46	24° 5	29°43	25°48	26°33	29° 3	12°28	14°24	18° 6	18°29	19°12	27°48	T 21
W22	4 43 51	10° 7'36	18°55	26°16	25°20	0♏22	26° 2	26°30	29° 2	12°28	14°23	18° 5	18°26	19°19	27°45	W22
T 23	4 47 48	11° 8'37	0♐48	27°47	26°35	1° 1	26°15	26°27	29° 2	12°27	14°23	18° 4	18°22	19°25	27°42	T 23
F 24	4 51 44	12° 9'38	12°37	29°18	27°50	1°41	26°29	26°25	29° 2	12°27	14°22	18°D 4	18°19	19°32	27°38	F 24
S 25	4 55 41	13°10'40	24°24	0♐50	29° 6	2°20	26°43	26°22	29° 2	12°26	14°22	18° 4	18°16	19°39	27°35	S 25
S 26	4 59 37	14°11'44	6♑12	2°22	0♑21	2°59	26°56	26°19	29° 2	12°25	14°21	18° 4	18°13	19°45	27°32	S 26
M27	5 3 34	15°12'47	18° 2	3°54	1°36	3°38	27°10	26°16	29° 1	12°24	14°21	18° 4	18°10	19°52	27°28	M27
T 28	5 7 30	16°13'52	29°57	5°26	2°51	4°17	27°24	26°13	29°D 1	12°24	14°20	18° 5	18° 6	19°58	27°25	T 28
W29	5 11 27	17°14'57	12♒ 1	6°58	4° 6	4°56	27°37	26° 9	29° 1	12°23	14°20	18° 5	18° 3	20° 5	27°22	W29
T 30	5 15 24	18♐16'02	24♒17	8♐31	5♑21	5♏35	27♐51	26♋ 6	29♓ 1	12♑22	14♈20	18°R 5	18♊ 0	20♐12	27♉19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s28	23s 6	3s42	9s27	2n20	19s59	0n 0	5s43	0n57	23s 2	0n11	20n51	0n 3	0s57	0s45	17n11	0n 6	10s18	17s27	22n59	23n 5	22s38	16n 4	4s 0	W 1
T 2	17 45	20 27	4 24	9 36	2 23	20 17	0s 2	5 58	0 57	23 3	0 11	20 51	0 3	0 58	0 45	17 11	0 6	10 19	17 27	22 59	23 5	22 39	16 3	4 0	T 2
F 3	18 1	16 49	4 55	9 49	2 24	20 35	0 5	6 14	0 56	23 4	0 11	20 51	0 3	0 58	0 45	17 11	0 6	10 19	17 27	22 59	23 4	22 41	16 2	4 0	F 3
S 4	18 17	12 18	5 12	10 5	2 24	20 53	0 7	6 29	0 56	23 5	0 10	20 52	0 3	0 59	0 45	17 11	0 6	10 19	17 27	22 59	23 4	22 42	16 1	4 0	S 4
S 5	18 32	7 4	5 13	10 24	2 23	21 9	0 10	6 44	0 56	23 6	0 10	20 52	0 3	0 59	0 45	17 11	0 6	10 19	17 27	22 59	23 4	22 44	16 1	4 0	S 5
M 6	18 47	1 18	4 56	10 46	2 22	21 26	0 12	6 59	0 56	23 7	0 10	20 52	0 4	1 0	0 45	17 11	0 6	10 19	17 26	22 59	23 3	22 45	16 0	4 0	M 6
T 7	19 2	4n44	4 21	11 10	2 19	21 41	0 15	7 13	0 55	23 7	0 10	20 52	0 4	1 0	0 45	17 11	0 6	10 19	17 26	22 58	23 3	22 47	15 59	4 1	T 7
W 8	19 17	10 41	3 27	11 36	2 15	21 56	0 17	7 28	0 55	23 8	0 10	20 53	0 4	1 0	0 45	17 11	0 7	10 19	17 26	22 58	23 3	22 48	15 58	4 1	W 8
T 9	19 31	16 8	2 18	12 4	2 11	22 10	0 19	7 43	0 55	23 9	0 10	20 53	0 4	1 1	0 45	17 11	0 7	10 19	17 26	22 58	23 3	22 50	15 57	4 1	T 9
F 10	19 45	20 37	0 59	12 32	2 7	22 24	0 22	7 58	0 54	23 10	0 10	20 53	0 4	1 1	0 45	17 11	0 7	10 19	17 25	22 58	23 2	22 51	15 56	4 1	F 10
S 11	19 58	23 41	0n24	13 2	2 2	22 37	0 24	8 13	0 54	23 10	0 10	20 54	0 4	1 1	0 45	17 11	0 7	10 19	17 25	22 58	23 2	22 53	15 55	4 1	S 11
S 12	20 11	25 2	1 45	13 32	1 56	22 49	0 27	8 27	0 54	23 11	0 10	20 54	0 4	1 2	0 45	17 11	0 7	10 19	17 25	22 58	23 2	22 54	15 55	4 1	S 12
M13	20 24	24 35	2 58	14 3	1 50	23 1	0 29	8 42	0 53	23 12	0 9	20 55	0 4	1 2	0 45	17 11	0 7	10 19	17 25	22 58	23 2	22 55	15 54	4 1	M13
T 14	20 37	22 30	3 57	14 34	1 44	23 12	0 31	8 56	0 53	23 13	0 9	20 55	0 4	1 2	0 45	17 11	0 7	10 19	17 24	22 58	23 1	22 57	15 53	4 1	T 14
W15	20 48	19 8	4 41	15 5	1 37	23 22	0 34	9 11	0 53	23 13	0 9	20 55	0 5	1 2	0 45	17 12	0 7	10 19	17 24	22 58	23 1	22 58	15 52	4 1	W15
T 16	21 0	14 50	5 7	15 36	1 31	23 32	0 36	9 25	0 52	23 14	0 9	20 56	0 5	1 3	0 45	17 12	0 7	10 19	17 24	22 58	23 1	23 0	15 51	4 1	T 16
F 17	21 11	9 57	5 17	16 6	1 24	23 41	0 38	9 40	0 52	23 15	0 9	20 56	0 5	1 3	0 44	17 12	0 7	10 19	17 23	22 58	23 1	23 1	15 50	4 2	F 17
S 18	21 22	4 45	5 10	16 37	1 17	23 49	0 41	9 54	0 52	23 15	0 9	20 57	0 5	1 3	0 44	17 12	0 7	10 19	17 23	22 58	23 0	23 3	15 50	4 2	S 18
S 19	21 32	0s31	4 49	17 7	1 10	23 56	0 43	10 8	0 51	23 16	0 9	20 57	0 5	1 3	0 44	17 12	0 7	10 19	17 23	22 58	23 0	23 4	15 49	4 2	S 19
M20	21 42	5 41	4 15	17 37	1 3	24 3	0 45	10 23	0 51	23 16	0 9	20 58	0 5	1 3	0 44	17 12	0 7	10 19	17 22	22 58	23 0	23 6	15 48	4 2	M20
T 21	21 52	10 34	3 29	18 6	0 56	24 9	0 47	10 37	0 51	23 17	0 9	20 59	0 5	1 3	0 44	17 12	0 7	10 19	17 22	22 58	23 0	23 7	15 47	4 2	T 21
W22	22 1	15 0	2 35	18 35	0 48	24 14	0 50	10 51	0 50	23 17	0 9	20 59	0 5	1 4	0 44	17 13	0 7	10 19	17 22	22 57	22 59	23 8	15 46	4 2	W22
T 23	22 10	18 49	1 34	19 3	0 41	24 19	0 52	11 5	0 50	23 18	0 8	21 0	0 5	1 4	0 44	17 13	0 7	10 19	17 22	22 57	22 59	23 10	15 46	4 2	T 23
F 24	22 18	21 52	0 30	19 30	0 34	24 22	0 54	11 19	0 49	23 18	0 8	21 0	0 6	1 4	0 44	17 13	0 7	10 19	17 21	22 57	22 59	23 11	15 45	4 2	F 24
S 25	22 26	23 58	0s35	19 56	0 27	24 25	0 56	11 32	0 49	23 19	0 8	21 1	0 6	1 4	0 44	17 13	0 7	10 19	17 21	22 57	22 58	23 13	15 44	4 2	S 25
S 26	22 33	25 0	1 39	20 22	0 19	24 28	0 58	11 46	0 49	23 19	0 8	21 2	0 6	1 4	0 44	17 13	0 7	10 19	17 21	22 57	22 58	23 14	15 43	4 2	S 26
M27	22 40	24 54	2 39	20 46	0 12	24 29	1 0	12 0	0 48	23 20	0 8	21 2	0 6	1 4	0 44	17 14	0 7	10 19	17 20	22 57	22 58	23 15	15 43	4 2	M27
T 28	22 47	23 40	3 33	21 10	0 5	24 30	1 2	12 13	0 48	23 20	0 8	21 3	0 6	1 4	0 44	17 14	0 7	10 19	17 20	22 57	22 58	23 17	15 42	4 2	T 28
W29	22 53	21 21	4 17	21 33	0s 2	24 30	1 4	12 27	0 48	23 20	0 8	21 4	0 6	1 4	0 44	17 14	0 7	10 18	17 20	22 57	22 57	23 18	15 41	4 2	W29
T 30	22s58	18s 2	4s51	21s55	0s 9	24s29	1s 6	12s40	0n47	23s21	0n 8	21n 5	0n 6	1s 4	0s44	17n14	0n 7	10s18	17s19	22n57	22n57	23s20	15n40	4s 2	T 30

Julian Day Number = 2302840.5, Delta T = 98.94 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'30, Lahiri = 18°10'30 Julian Calendar 1 Nov. 1592 == Greg. Calendar 11 Nov. 1592

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ASTRODIENST EPHEMERIS for the year 1592
geocentric

DECEMBER 1592 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 19 20	19♐17'08	6♓49	10♐ 4	6♑37	6♏14	28♐ 5	26°R 3	29♓ 2	12°R21	14°R19	18°R 5	17♊57	20♐18	27°R15	F 1
S 2	5 23 17	20°18'14	19°40	11°36	7°52	6°53	28°19	25♋59	29° 2	12♌20	14♈19	18°D 5	17°54	20°25	27♉12	S 2
S 3	5 27 13	21°19'21	2♈54	13° 9	9° 7	7°32	28°32	25°56	29° 2	12°20	14°18	18♊ 5	17°51	20°32	27° 9	S 3
M 4	5 31 10	22°20'27	16°33	14°43	10°22	8°11	28°46	25°52	29° 2	12°19	14°18	18° 5	17°47	20°38	27° 6	M 4
T 5	5 35 6	23°21'34	0♉39	16°16	11°37	8°51	29° 0	25°48	29° 3	12°18	14°18	18° 5	17°44	20°45	27° 3	T 5
W 6	5 39 3	24°22'41	15°11	17°49	12°52	9°30	29°14	25°45	29° 3	12°17	14°17	18° 6	17°41	20°52	27° 0	W 6
T 7	5 42 59	25°23'49	0♊ 4	19°23	14° 7	10° 9	29°28	25°41	29° 3	12°16	14°17	18° 7	17°38	20°58	26°57	T 7
F 8	5 46 56	26°24'57	15°13	20°57	15°22	10°48	29°42	25°37	29° 4	12°15	14°17	18°R 7	17°35	21° 5	26°54	F 8
S 9	5 50 53	27°26'05	0♋28	22°31	16°37	11°27	29°55	25°33	29° 4	12°13	14°17	18° 7	17°32	21°12	26°51	S 9
S 10	5 54 49	28°27'13	15°39	24° 5	17°52	12° 6	0♑ 9	25°29	29° 5	12°12	14°16	18° 6	17°28	21°18	26°49	S 10
M11	5 58 46	29°28'22	0♌37	25°40	19° 7	12°46	0°23	25°25	29° 6	12°11	14°16	18° 5	17°25	21°25	26°46	M11
T 12	6 2 42	0♑29'31	15°14	27°15	20°22	13°25	0°37	25°20	29° 6	12°10	14°16	18° 3	17°22	21°31	26°43	T 12
W13	6 6 39	1°30'41	29°25	28°50	21°37	14° 4	0°51	25°16	29° 7	12° 9	14°16	18° 2	17°19	21°38	26°40	W13
T 14	6 10 35	2°31'51	13♍ 9	0♑26	22°52	14°43	1° 5	25°12	29° 8	12° 8	14°16	18° 0	17°16	21°45	26°38	T 14
F 15	6 14 32	3°33'01	26°24	2° 1	24° 7	15°23	1°19	25° 7	29° 9	12° 7	14°16	17°59	17°12	21°51	26°35	F 15
S 16	6 18 29	4°34'12	9♎15	3°37	25°22	16° 2	1°32	25° 3	29°10	12° 5	14°16	17°D59	17° 9	21°58	26°33	S 16
S 17	6 22 25	5°35'23	21°44	5°14	26°37	16°41	1°46	24°59	29°11	12° 4	14°16	18° 0	17° 6	22° 5	26°30	S 17
M18	6 26 22	6°36'34	3♏57	6°50	27°52	17°20	2° 0	24°54	29°12	12° 3	14°16	18° 1	17° 3	22°11	26°28	M18
T 19	6 30 18	7°37'45	15°57	8°28	29° 7	18° 0	2°14	24°49	29°13	12° 1	14°D16	18° 3	17° 0	22°18	26°25	T 19
W20	6 34 15	8°38'57	27°48	10° 5	0♒22	18°39	2°28	24°45	29°14	12° 0	14°16	18° 5	16°57	22°25	26°23	W20
T 21	6 38 11	9°40'09	9♐36	11°43	1°37	19°18	2°42	24°40	29°15	11°59	14°16	18° 6	16°53	22°31	26°21	T 21
F 22	6 42 8	10°41'21	21°22	13°21	2°52	19°58	2°55	24°35	29°16	11°57	14°16	18°R 6	16°50	22°38	26°19	F 22
S 23	6 46 4	11°42'33	3♑10	15° 0	4° 7	20°37	3° 9	24°31	29°17	11°56	14°16	18° 5	16°47	22°45	26°16	S 23
S 24	6 50 1	12°43'45	15° 2	16°39	5°22	21°16	3°23	24°26	29°19	11°55	14°16	18° 3	16°44	22°51	26°14	S 24
M25	6 53 58	13°44'56	27° 0	18°18	6°36	21°56	3°37	24°21	29°20	11°53	14°16	17°59	16°41	22°58	26°12	M25
T 26	6 57 54	14°46'07	9♒ 5	19°58	7°51	22°35	3°51	24°16	29°21	11°52	14°16	17°55	16°38	23° 5	26°10	T 26
W27	7 1 51	15°47'17	21°20	21°38	9° 6	23°14	4° 4	24°11	29°23	11°50	14°16	17°50	16°34	23°11	26° 8	W27
T 28	7 5 47	16°48'27	3♓46	23°19	10°21	23°54	4°18	24° 7	29°24	11°49	14°17	17°45	16°31	23°18	26° 7	T 28
F 29	7 9 44	17°49'37	16°24	25° 0	11°36	24°33	4°32	24° 2	29°26	11°47	14°17	17°40	16°28	23°24	26° 5	F 29
S 30	7 13 40	18°50'45	29°17	26°41	12°50	25°12	4°46	23°57	29°27	11°46	14°17	17°37	16°25	23°31	26° 3	S 30
S 31	7 17 37	19♑51'53	12♈28	28♑22	14♒ 5	25♏52	4♑59	23♋52	29♓29	11♌44	14♈17	17♊36	16♊22	23♐38	26♉ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 4	13s51	5s12	22s16	0s16	24s27	1s 8	12s54	0n47	23s21	0n 8	21n 5	0n 6	1s 4	0s44	17n15	0n 7	10s18	17s19	22n57	22n57	23s21	15n40	4s 2
S 2	23 8	8 58	5 18	22 36	0 22	24 25	1 10	13 7	0 46	23 21	0 8	21 6	0 6	1 3	0 44	17 15	0 7	10 18	17 19	22 57	22 56	23 22	15 39	4 2
S 3	23 12	3 33	5 8	22 54	0 29	24 22	1 12	13 20	0 46	23 22	0 7	21 7	0 7	1 3	0 44	17 15	0 7	10 18	17 18	22 57	22 56	23 24	15 38	4 2
M 4	23 16	2n13	4 40	23 12	0 35	24 18	1 13	13 33	0 45	23 22	0 7	21 8	0 7	1 3	0 44	17 15	0 7	10 18	17 18	22 57	22 56	23 25	15 38	4 2
T 5	23 20	8 4	3 55	23 28	0 42	24 14	1 15	13 46	0 45	23 22	0 7	21 9	0 7	1 3	0 44	17 16	0 7	10 17	17 18	22 57	22 56	23 26	15 37	4 2
W 6	23 22	13 40	2 53	23 44	0 48	24 8	1 17	13 59	0 45	23 22	0 7	21 9	0 7	1 3	0 44	17 16	0 7	10 17	17 17	22 58	22 55	23 28	15 36	4 2
T 7	23 25	18 36	1 39	23 58	0 54	24 2	1 18	14 12	0 44	23 22	0 7	21 10	0 7	1 3	0 44	17 16	0 7	10 17	17 17	22 58	22 55	23 29	15 36	4 2
F 8	23 27	22 24	0 16	24 11	1 0	23 55	1 20	14 24	0 44	23 23	0 7	21 11	0 7	1 2	0 44	17 17	0 7	10 17	17 16	22 58	22 55	23 30	15 35	4 2
S 9	23 28	24 38	1n 8	24 22	1 5	23 48	1 21	14 37	0 43	23 23	0 7	21 12	0 7	1 2	0 44	17 17	0 7	10 16	17 16	22 58	22 54	23 32	15 35	4 2
S 10	23 29	25 0	2 27	24 33	1 11	23 40	1 23	14 49	0 43	23 23	0 7	21 13	0 7	1 2	0 44	17 17	0 7	10 16	17 16	22 58	22 54	23 33	15 34	4 2
M11	23 29	23 33	3 35	24 42	1 16	23 31	1 24	15 2	0 42	23 23	0 7	21 14	0 7	1 2	0 43	17 17	0 7	10 16	17 15	22 57	22 54	23 34	15 33	4 2
T 12	23 29	20 33	4 27	24 49	1 21	23 21	1 25	15 14	0 42	23 23	0 7	21 14	0 8	1 1	0 43	17 18	0 7	10 16	17 15	22 57	22 53	23 36	15 33	4 2
W13	23 29	16 23	5 1	24 56	1 26	23 11	1 27	15 26	0 41	23 23	0 6	21 15	0 8	1 1	0 43	17 18	0 7	10 15	17 15	22 57	22 53	23 37	15 32	4 2
T 14	23 28	11 30	5 16	25 1	1 31	22 59	1 28	15 38	0 41	23 23	0 6	21 16	0 8	1 1	0 43	17 19	0 7	10 15	17 14	22 57	22 53	23 38	15 32	4 1
F 15	23 27	6 14	5 14	25 4	1 35	22 48	1 29	15 50	0 40	23 23	0 6	21 17	0 8	1 0	0 43	17 19	0 7	10 15	17 14	22 57	22 53	23 40	15 31	4 1
S 16	23 25	0 51	4 56	25 6	1 40	22 35	1 30	16 2	0 40	23 23	0 6	21 18	0 8	1 0	0 43	17 19	0 7	10 14	17 14	22 57	22 52	23 41	15 31	4 1
S 17	23 22	4s25	4 24	25 7	1 44	22 22	1 31	16 14	0 39	23 23	0 6	21 19	0 8	0 59	0 43	17 20	0 7	10 14	17 13	22 57	22 52	23 42	15 30	4 1
M18	23 20	9 24	3 41	25 6	1 47	22 8	1 32	16 25	0 39	23 23	0 6	21 20	0 8	0 59	0 43	17 20	0 7	10 14	17 13	22 57	22 52	23 43	15 30	4 1
T 19	23 16	13 57	2 49	25 4	1 51	21 54	1 33	16 37	0 38	23 23	0 6	21 21	0 8	0 58	0 43	17 20	0 7	10 14	17 12	22 57	22 51	23 45	15 29	4 1
W20	23 13	17 56	1 50	25 0	1 54	21 38	1 34	16 48	0 38	23 22	0 6	21 22	0 8	0 58	0 43	17 21	0 7	10 13	17 12	22 57	22 51	23 46	15 29	4 1
T 21	23 8	21 10	0 47	24 55	1 57	21 23	1 34	17 0	0 37	23 22	0 6	21 23	0 9	0 57	0 43	17 21	0 7	10 13	17 12	22 57	22 51	23 47	15 28	4 1
F 22	23 4	23 31	0s18	24 48	1 59	21 6	1 35	17 11	0 37	23 22	0 6	21 24	0 9	0 57	0 43	17 22	0 7	10 12	17 11	22 58	22 50	23 48	15 28	4 1
S 23	22 59	24 49	1 22	24 39	2 1	20 49	1 36	17 22	0 36	23 22	0 6	21 25	0 9	0 56	0 43	17 22	0 7	10 12	17 11	22 57	22 50	23 50	15 28	4 1
S 24	22 53	25 1	2 23	24 29	2 3	20 32	1 36	17 33	0 36	23 22	0 5	21 26	0 9	0 56	0 43	17 22	0 7	10 12	17 11	22 57	22 50	23 51	15 27	4 0
M25	22 47	24 2	3 18	24 18	2 4	20 13	1 37	17 43	0 35	23 21	0 5	21 27	0 9	0 55	0 43	17 23	0 7	10 11	17 10	22 57	22 49	23 52	15 27	4 0
T 26	22 40	21 57	4 5	24 4	2 6	19 55	1 37	17 54	0 35	23 21	0 5	21 28	0 9	0 55	0 43	17 23	0 7	10 11	17 10	22 56	22 49	23 53	15 27	4 0
W27	22 33	18 51	4 41	23 49	2 6	19 35	1 38	18 4	0 34	23 21	0 5	21 29	0 9	0 54	0 43	17 24	0 7	10 10	17 10	22 56	22 49	23 55	15 26	4 0
T 28	22 26	14 52	5 4	23 33	2 6	19 15	1 38	18 15	0 34	23 20	0 5	21 30	0 9	0 53	0 43	17 24	0 7	10 10	17 9	22 56	22 48	23 56	15 26	4 0
F 29	22 18	10 11	5 13	23 15	2 6	18 55	1 38	18 25	0 33	23 20	0 5	21 30	0 10	0 53	0 43	17 24	0 7	10 10	17 9	22 55	22 48	23 57	15 26	4 0
S 30	22 10	4 58	5 7	22 55	2 5	18 34	1 38	18 35	0 32	23 20	0 5	21 31	0 10	0 52	0 43	17 25	0 7	10 9	17 8	22 55	22 48	23 58	15 25	4 0
S 31	22s 1	0n34	4s44	22s34	2s 4	18s12	1s38	18s45	0n32	23s19	0n 5	21n32	0n10	0s52	0s43	17n25	0n 7	10s 9	17s 8	22n55	22n48	23s59	15n25	4s 0

Julian Day Number = 2302870.5, Delta T = 98.81 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'34, Lahiri = 18°10'34 Julian Calendar 1 Dec. 1592 == Greg. Calendar 11 Dec. 1592

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

JANUARY 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 21 33	20♑53'00	25♈58	0♒ 4	15♒20	26♏31	5♑13	23°R47	29♓31	11°R43	14♈18	17°D35	16♊18	23♐44	26°R 0	M 1
T 2	7 25 30	21°54'06	9♉49	1°46	16°34	27°10	5°26	23♋42	29°32	11♌41	14°18	17♊36	16°15	23°51	25♉58	T 2
W 3	7 29 27	22°55'12	24° 1	3°28	17°49	27°50	5°40	23°37	29°34	11°40	14°18	17°38	16°12	23°58	25°57	W 3
T 4	7 33 23	23°56'16	8♊34	5° 9	19° 4	28°29	5°54	23°32	29°36	11°38	14°19	17°39	16° 9	24° 4	25°56	T 4
F 5	7 37 20	24°57'20	23°24	6°51	20°18	29° 8	6° 7	23°27	29°38	11°36	14°19	17°R39	16° 6	24°11	25°54	F 5
S 6	7 41 16	25°58'23	8♋25	8°32	21°33	29°48	6°21	23°22	29°40	11°35	14°19	17°38	16° 3	24°18	25°53	S 6
S 7	7 45 13	26°59'24	23°30	10°12	22°47	0♐27	6°34	23°17	29°42	11°33	14°20	17°34	15°59	24°24	25°52	S 7
M 8	7 49 9	28° 0'26	8♌27	11°52	24° 2	1° 7	6°48	23°12	29°44	11°32	14°20	17°29	15°56	24°31	25°51	M 8
T 9	7 53 6	29° 1'26	23°10	13°31	25°16	1°46	7° 1	23° 7	29°46	11°30	14°21	17°22	15°53	24°38	25°50	T 9
W10	7 57 3	0♒ 2'25	7♍30	15° 8	26°31	2°25	7°14	23° 2	29°48	11°28	14°21	17°15	15°50	24°44	25°49	W10
T 11	8 0 59	1° 3'24	21°23	16°44	27°45	3° 5	7°28	22°57	29°50	11°27	14°22	17° 9	15°47	24°51	25°48	T 11
F 12	8 4 56	2° 4'22	4♎48	18°18	28°59	3°44	7°41	22°53	29°52	11°25	14°22	17° 4	15°44	24°58	25°47	F 12
S 13	8 8 52	3° 5'20	17°45	19°49	0♓14	4°24	7°54	22°48	29°54	11°23	14°23	17° 0	15°40	25° 4	25°46	S 13
S 14	8 12 49	4° 6'16	0♏18	21°17	1°28	5° 3	8° 7	22°43	29°56	11°22	14°24	16°D59	15°37	25°11	25°45	S 14
M15	8 16 45	5° 7'12	12°31	22°41	2°42	5°43	8°21	22°38	29°59	11°20	14°24	16°59	15°34	25°17	25°45	M15
T 16	8 20 42	6° 8'07	24°30	24° 1	3°57	6°22	8°34	22°33	0♈ 1	11°18	14°25	17° 0	15°31	25°24	25°44	T 16
W17	8 24 38	7° 9'02	6♐20	25°16	5°11	7° 1	8°47	22°29	0° 3	11°17	14°25	17° 2	15°28	25°31	25°44	W17
T 18	8 28 35	8° 9'55	18° 6	26°25	6°25	7°41	9° 0	22°24	0° 6	11°15	14°26	17°R 2	15°24	25°37	25°43	T 18
F 19	8 32 32	9°10'48	29°53	27°28	7°39	8°20	9°13	22°19	0° 8	11°13	14°27	17° 1	15°21	25°44	25°43	F 19
S 20	8 36 28	10°11'40	11♑44	28°23	8°53	9° 0	9°26	22°15	0°11	11°12	14°27	16°58	15°18	25°51	25°43	S 20
S 21	8 40 25	11°12'30	23°42	29°10	10° 7	9°39	9°39	22°10	0°13	11°10	14°28	16°52	15°15	25°57	25°43	S 21
M22	8 44 21	12°13'20	5♒51	29°49	11°21	10°19	9°51	22° 6	0°16	11° 8	14°29	16°44	15°12	26° 4	25°43	M22
T 23	8 48 18	13°14'08	18°10	0♓17	12°35	10°58	10° 4	22° 1	0°18	11° 6	14°30	16°34	15° 9	26°11	25°D43	T 23
W24	8 52 14	14°14'54	0♓41	0°36	13°49	11°38	10°17	21°57	0°21	11° 5	14°30	16°23	15° 5	26°17	25°43	W24
T 25	8 56 11	15°15'40	13°25	0°R44	15° 3	12°17	10°30	21°53	0°23	11° 3	14°31	16°11	15° 2	26°24	25°43	T 25
F 26	9 0 7	16°16'23	26°20	0°42	16°17	12°57	10°42	21°48	0°26	11° 1	14°32	16° 1	14°59	26°31	25°43	F 26
S 27	9 4 4	17°17'06	9♈26	0°29	17°30	13°36	10°55	21°44	0°29	11° 0	14°33	15°53	14°56	26°37	25°43	S 27
S 28	9 8 0	18°17'46	22°45	0° 5	18°44	14°15	11° 7	21°40	0°31	10°58	14°34	15°48	14°53	26°44	25°43	S 28
M29	9 11 57	19°18'25	6♉17	29♒31	19°58	14°55	11°20	21°36	0°34	10°56	14°35	15°45	14°49	26°51	25°44	M29
T 30	9 15 54	20°19'02	20° 2	28°49	21°11	15°34	11°32	21°32	0°37	10°55	14°35	15°D44	14°46	26°57	25°44	T 30
W31	9 19 50	21♒19'37	4♊ 2	27♒58	22♓25	16♐14	11♑44	21♋28	0♈40	10♌53	14♈36	15♊45	14♊43	27♐ 4	25♉45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s52	6n14	4s 6	22s10	2s 2	17s50	1s38	18s55	0n31	23s19	0n 5	21n33	0n10	0s51	0s43	17n26	0n 7	10s 8	17s 8	22n55	22n47	24s 1	15n25	3s59
T 2	21 42	11 45	3 12	21 46	2 0	17 28	1 38	19 4	0 31	23 18	0 5	21 34	0 10	0 50	0 43	17 26	0 7	10 8	17 7	22 55	22 47	24 2	15 25	3 59
W 3	21 32	16 47	2 6	21 20	1 57	17 5	1 38	19 14	0 30	23 18	0 5	21 35	0 10	0 49	0 43	17 27	0 7	10 7	17 7	22 55	22 47	24 3	15 25	3 59
T 4	21 22	20 58	0 49	20 52	1 54	16 41	1 38	19 23	0 29	23 17	0 4	21 36	0 10	0 49	0 43	17 27	0 7	10 7	17 7	22 55	22 46	24 4	15 24	3 59
F 5	21 11	23 51	0n31	20 22	1 50	16 17	1 37	19 33	0 29	23 17	0 4	21 37	0 10	0 48	0 43	17 28	0 7	10 6	17 6	22 55	22 46	24 5	15 24	3 59
S 6	21 0	25 4	1 51	19 52	1 45	15 53	1 37	19 42	0 28	23 16	0 4	21 38	0 10	0 47	0 42	17 28	0 7	10 6	17 6	22 55	22 46	24 7	15 24	3 59
S 7	20 48	24 26	3 3	19 19	1 40	15 28	1 36	19 51	0 27	23 16	0 4	21 39	0 10	0 46	0 42	17 28	0 7	10 5	17 6	22 55	22 45	24 8	15 24	3 59
M 8	20 36	22 4	4 1	18 46	1 33	15 3	1 36	19 59	0 27	23 15	0 4	21 40	0 11	0 45	0 42	17 29	0 7	10 5	17 5	22 54	22 45	24 9	15 24	3 58
T 9	20 24	18 16	4 43	18 11	1 27	14 37	1 35	20 8	0 26	23 14	0 4	21 41	0 11	0 45	0 42	17 29	0 7	10 4	17 5	22 54	22 45	24 10	15 24	3 58
W10	20 11	13 29	5 5	17 35	1 19	14 11	1 35	20 17	0 25	23 14	0 4	21 42	0 11	0 44	0 42	17 30	0 7	10 4	17 4	22 53	22 44	24 11	15 24	3 58
T 11	19 58	8 9	5 9	16 58	1 10	13 45	1 34	20 25	0 25	23 13	0 4	21 43	0 11	0 43	0 42	17 30	0 7	10 3	17 4	22 52	22 44	24 12	15 24	3 58
F 12	19 45	2 36	4 55	16 21	1 1	13 18	1 33	20 33	0 24	23 13	0 4	21 44	0 11	0 42	0 42	17 31	0 7	10 3	17 4	22 52	22 44	24 13	15 24	3 58
S 13	19 31	2s52	4 26	15 43	0 51	12 51	1 32	20 41	0 23	23 12	0 4	21 45	0 11	0 41	0 42	17 31	0 7	10 2	17 3	22 51	22 43	24 15	15 24	3 58
S 14	19 16	8 5	3 46	15 4	0 40	12 24	1 31	20 49	0 23	23 11	0 3	21 46	0 11	0 40	0 42	17 32	0 7	10 2	17 3	22 51	22 43	24 16	15 24	3 57
M15	19 2	12 50	2 56	14 26	0 28	11 56	1 30	20 57	0 22	23 10	0 3	21 46	0 11	0 39	0 42	17 32	0 7	10 1	17 3	22 51	22 43	24 17	15 24	3 57
T 16	18 47	17 1	1 59	13 47	0 16	11 28	1 29	21 4	0 21	23 10	0 3	21 47	0 11	0 38	0 42	17 33	0 7	10 1	17 2	22 51	22 42	24 18	15 24	3 57
W17	18 32	20 28	0 58	13 10	0 2	11 0	1 28	21 12	0 21	23 9	0 3	21 48	0 12	0 37	0 42	17 33	0 7	10 0	17 2	22 52	22 42	24 19	15 24	3 57
T 18	18 16	23 3	0s 6	12 33	0n12	10 31	1 26	21 19	0 20	23 8	0 3	21 49	0 12	0 36	0 42	17 34	0 8	10 0	17 2	22 52	22 42	24 20	15 24	3 57
F 19	18 0	24 38	1 9	11 57	0 27	10 2	1 25	21 26	0 19	23 7	0 3	21 50	0 12	0 35	0 42	17 34	0 8	9 59	17 1	22 51	22 41	24 21	15 24	3 57
S 20	17 44	25 7	2 9	11 24	0 43	9 33	1 24	21 33	0 18	23 7	0 3	21 51	0 12	0 34	0 42	17 35	0 8	9 59	17 1	22 51	22 41	24 22	15 24	3 56
S 21	17 27	24 26	3 4	10 52	0 59	9 4	1 22	21 39	0 18	23 6	0 3	21 52	0 12	0 33	0 42	17 35	0 8	9 58	17 1	22 51	22 40	24 23	15 24	3 56
M22	17 10	22 35	3 51	10 23	1 15	8 34	1 21	21 46	0 17	23 5	0 3	21 52	0 12	0 32	0 42	17 36	0 8	9 57	17 0	22 50	22 40	24 24	15 24	3 56
T 23	16 53	19 40	4 28	9 58	1 32	8 4	1 19	21 52	0 16	23 4	0 3	21 53	0 12	0 31	0 42	17 36	0 8	9 57	17 0	22 49	22 40	24 25	15 24	3 56
W24	16 36	15 49	4 53	9 35	1 49	7 34	1 17	21 59	0 15	23 3	0 3	21 54	0 12	0 30	0 42	17 37	0 8	9 56	17 0	22 48	22 39	24 27	15 25	3 56
T 25	16 18	11 12	5 4	9 17	2 5	7 4	1 15	22 5	0 15	23 2	0 2	21 55	0 12	0 29	0 42	17 37	0 8	9 56	16 59	22 46	22 39	24 28	15 25	3 56
F 26	16 0	6 2	4 59	9 3	2 22	6 33	1 14	22 10	0 14	23 1	0 2	21 56	0 12	0 28	0 42	17 37	0 8	9 55	16 59	22 45	22 39	24 29	15 25	3 55
S 27	15 41	0 32	4 39	8 53	2 37	6 3	1 12	22 16	0 13	23 0	0 2	21 56	0 13	0 27	0 42	17 38	0 8	9 54	16 59	22 45	22 38	24 30	15 25	3 55
S 28	15 23	5n 6	4 4	8 47	2 52	5 32	1 10	22 22	0 12	22 59	0 2	21 57	0 13	0 26	0 42	17 38	0 8	9 54	16 58	22 44	22 38	24 31	15 26	3 55
M29	15 4	10 35	3 14	8 47	3 5	5 1	1 8	22 27	0 11	22 59	0 2	21 58	0 13	0 25	0 42	17 39	0 8	9 53	16 58	22 44	22 38	24 32	15 26	3 55
T 30	14 45	15 40	2 13	8 50	3 17	4 30	1 5	22 32	0 10	22 58	0 2	21 59	0 13	0 24	0 42	17 39	0 8	9 53	16 58	22 44	22 37	24 33	15 26	3 55
W31	14s25	19n59	1s 2	8s58	3n27	3s59	1s 3	22s37	0n10	22s57	0n 2	21n59	0n13	0s22	0s42	17n40	0n 8	9s52	16s58	22n44	22n37	24s34	15n26	3s54

Julian Day Number = 2302901.5, Delta T = 98.69 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'38, Lahiri = 18°10'38 Julian Calendar 1 Jan. 1593 == Greg. Calendar 11 Jan. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

FEBRUARY 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 23 47	22♒20'11	18♊15	27°R 1	23♓38	16♐53	11♑56	21°R24	0♈43	10°R51	14♈37	15°R45	14♊40	27♐10	25♉46	T 1
F 2	9 27 43	23°20'43	2♋42	25♒58	24°52	17°33	12° 9	21♋20	0°46	10♌50	14°38	15♊44	14°37	27°17	25°46	F 2
S 3	9 31 40	24°21'13	17°18	24°53	26° 5	18°12	12°21	21°16	0°48	10°48	14°39	15°40	14°34	27°24	25°47	S 3
S 4	9 35 36	25°21'41	1♌59	23°45	27°19	18°51	12°33	21°13	0°51	10°46	14°40	15°34	14°30	27°30	25°48	S 4
M 5	9 39 33	26°22'07	16°38	22°38	28°32	19°31	12°44	21° 9	0°54	10°45	14°41	15°25	14°27	27°37	25°49	M 5
T 6	9 43 30	27°22'32	1♍ 8	21°33	29°45	20°10	12°56	21° 6	0°57	10°43	14°42	15°14	14°24	27°44	25°50	T 6
W 7	9 47 26	28°22'54	15°21	20°31	0♈58	20°50	13° 8	21° 2	1° 0	10°42	14°43	15° 3	14°21	27°50	25°51	W 7
T 8	9 51 23	29°23'16	29°12	19°33	2°11	21°29	13°20	20°59	1° 3	10°40	14°44	14°51	14°18	27°57	25°52	T 8
F 9	9 55 19	0♓23'35	12♎38	18°41	3°24	22° 9	13°31	20°55	1° 6	10°38	14°45	14°42	14°15	28° 4	25°53	F 9
S 10	9 59 16	1°23'53	25°39	17°55	4°37	22°48	13°43	20°52	1° 9	10°37	14°46	14°34	14°11	28°10	25°54	S 10
S 11	10 3 12	2°24'10	8♏16	17°16	5°50	23°27	13°54	20°49	1°13	10°35	14°47	14°30	14° 8	28°17	25°56	S 11
M12	10 7 9	3°24'25	20°33	16°44	7° 3	24° 7	14° 6	20°46	1°16	10°34	14°49	14°27	14° 5	28°24	25°57	M12
T 13	10 11 5	4°24'39	2♐34	16°19	8°15	24°46	14°17	20°43	1°19	10°32	14°50	14°D27	14° 2	28°30	25°59	T 13
W14	10 15 2	5°24'51	14°25	16° 1	9°28	25°26	14°28	20°41	1°22	10°31	14°51	14°R27	13°59	28°37	26° 0	W14
T 15	10 18 58	6°25'02	26°13	15°50	10°41	26° 5	14°39	20°38	1°25	10°29	14°52	14°26	13°55	28°44	26° 2	T 15
F 16	10 22 55	7°25'11	8♑ 1	15°D46	11°53	26°45	14°50	20°35	1°28	10°28	14°53	14°24	13°52	28°50	26° 4	F 16
S 17	10 26 52	8°25'18	19°55	15°48	13° 6	27°24	15° 1	20°33	1°32	10°26	14°54	14°20	13°49	28°57	26° 5	S 17
S 18	10 30 48	9°25'24	2♒ 0	15°57	14°18	28° 3	15°12	20°30	1°35	10°25	14°55	14°13	13°46	29° 4	26° 7	S 18
M19	10 34 45	10°25'28	14°18	16°11	15°30	28°43	15°23	20°28	1°38	10°24	14°57	14° 3	13°43	29°10	26° 9	M19
T 20	10 38 41	11°25'30	26°51	16°31	16°43	29°22	15°33	20°26	1°41	10°22	14°58	13°50	13°40	29°17	26°11	T 20
W21	10 42 38	12°25'30	9♓40	16°56	17°55	0♑ 1	15°44	20°24	1°45	10°21	14°59	13°37	13°36	29°23	26°13	W21
T 22	10 46 34	13°25'28	22°44	17°26	19° 7	0°41	15°54	20°22	1°48	10°19	15° 0	13°23	13°33	29°30	26°15	T 22
F 23	10 50 31	14°25'25	6♈ 2	18° 0	20°19	1°20	16° 4	20°20	1°51	10°18	15° 2	13°11	13°30	29°37	26°17	F 23
S 24	10 54 27	15°25'19	19°31	18°39	21°31	1°59	16°15	20°18	1°54	10°17	15° 3	13° 1	13°27	29°43	26°19	S 24
S 25	10 58 24	16°25'11	3♉10	19°21	22°43	2°39	16°25	20°16	1°58	10°15	15° 4	12°53	13°24	29°50	26°22	S 25
M26	11 2 21	17°25'01	16°57	20° 8	23°54	3°18	16°35	20°15	2° 1	10°14	15° 5	12°49	13°21	29°57	26°24	M26
T 27	11 6 17	18°24'49	0♊51	20°57	25° 6	3°57	16°45	20°13	2° 4	10°13	15° 7	12°48	13°17	0♑ 3	26°26	T 27
W28	11 10 14	19♓24'34	14♊50	21♒50	26♈17	4♑36	16♑54	20♋12	2♈ 8	10♌12	15♈ 8	12♊47	13♊14	0♑10	26♉29	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 6	23n12	0n13	9s10	3n35	3s28	1s 1	22s42	0n 9	22s56	0n 2	22n 0	0n13	0s21	0s42	17n40	0n 8	9s51	16s57	22n44	22n37	24s35	15n27	3s54
F 2	13 46	24 57	1 29	9 26	3 40	2 57	0 59	22 47	0 8	22 55	0 2	22 1	0 13	0 20	0 42	17 41	0 8	9 51	16 57	22 44	22 36	24 36	15 27	3 54
S 3	13 26	25 0	2 39	9 44	3 44	2 25	0 56	22 51	0 7	22 54	0 2	22 1	0 13	0 19	0 42	17 41	0 8	9 50	16 57	22 43	22 36	24 37	15 27	3 54
S 4	13 6	23 20	3 40	10 5	3 45	1 54	0 54	22 55	0 6	22 53	0 1	22 2	0 13	0 18	0 42	17 42	0 8	9 50	16 56	22 43	22 35	24 38	15 28	3 54
M 5	12 45	20 6	4 25	10 28	3 44	1 22	0 51	22 59	0 5	22 52	0 1	22 3	0 13	0 17	0 42	17 42	0 8	9 49	16 56	22 42	22 35	24 39	15 28	3 54
T 6	12 25	15 39	4 53	10 52	3 40	0 51	0 49	23 3	0 4	22 50	0 1	22 3	0 13	0 15	0 42	17 43	0 8	9 48	16 56	22 40	22 35	24 40	15 29	3 53
W 7	12 4	10 25	5 2	11 17	3 35	0 19	0 46	23 7	0 3	22 49	0 1	22 4	0 14	0 14	0 42	17 43	0 8	9 48	16 56	22 39	22 34	24 41	15 29	3 53
T 8	11 43	4 47	4 52	11 42	3 28	0n12	0 43	23 11	0 3	22 48	0 1	22 5	0 14	0 13	0 42	17 43	0 8	9 47	16 55	22 38	22 34	24 42	15 30	3 53
F 9	11 21	0s54	4 27	12 6	3 19	0 44	0 41	23 14	0 2	22 47	0 1	22 5	0 14	0 12	0 42	17 44	0 8	9 46	16 55	22 37	22 34	24 43	15 30	3 53
S 10	11 0	6 23	3 48	12 30	3 9	1 16	0 38	23 17	0 1	22 46	0 1	22 6	0 14	0 10	0 42	17 44	0 8	9 46	16 55	22 36	22 33	24 44	15 30	3 53
S 11	10 39	11 28	2 59	12 52	2 58	1 47	0 35	23 20	0s 0	22 45	0 1	22 6	0 14	0 9	0 41	17 45	0 8	9 45	16 55	22 35	22 33	24 45	15 31	3 52
M12	10 17	15 57	2 3	13 13	2 46	2 19	0 32	23 23	0 1	22 44	0 1	22 7	0 14	0 8	0 41	17 45	0 8	9 45	16 54	22 35	22 32	24 45	15 31	3 52
T 13	9 55	19 42	1 3	13 33	2 33	2 50	0 29	23 26	0 2	22 43	0 1	22 7	0 14	0 7	0 41	17 46	0 8	9 44	16 54	22 35	22 32	24 46	15 32	3 52
W14	9 33	22 35	0 0	13 51	2 20	3 22	0 26	23 28	0 3	22 42	0 0	22 8	0 14	0 5	0 41	17 46	0 8	9 43	16 54	22 35	22 32	24 47	15 32	3 52
T 15	9 11	24 28	1s 2	14 7	2 6	3 53	0 23	23 30	0 4	22 41	0 0	22 8	0 14	0 4	0 41	17 46	0 8	9 43	16 54	22 35	22 31	24 48	15 33	3 52
F 16	8 48	25 16	2 1	14 21	1 53	4 24	0 20	23 32	0 5	22 40	0 0	22 9	0 14	0 3	0 41	17 47	0 8	9 42	16 53	22 35	22 31	24 49	15 34	3 52
S 17	8 26	24 55	2 56	14 34	1 39	4 55	0 17	23 34	0 6	22 39	0 0	22 9	0 14	0 1	0 41	17 47	0 8	9 41	16 53	22 34	22 31	24 50	15 34	3 51
S 18	8 3	23 23	3 43	14 44	1 25	5 26	0 14	23 36	0 7	22 37	0 0	22 10	0 15	0 0	0 41	17 48	0 8	9 41	16 53	22 33	22 30	24 51	15 35	3 51
M19	7 41	20 44	4 21	14 53	1 12	5 57	0 11	23 38	0 8	22 36	0s 0	22 10	0 15	0n 1	0 41	17 48	0 8	9 40	16 53	22 32	22 30	24 52	15 35	3 51
T 20	7 18	17 5	4 47	15 0	0 58	6 28	0 7	23 39	0 9	22 35	0 0	22 11	0 15	0 2	0 41	17 48	0 8	9 39	16 53	22 31	22 29	24 53	15 36	3 51
W21	6 55	12 35	4 59	15 5	0 45	6 59	0 4	23 40	0 10	22 34	0 0	22 11	0 15	0 4	0 41	17 49	0 8	9 39	16 52	22 29	22 29	24 54	15 37	3 51
T 22	6 32	7 25	4 56	15 8	0 33	7 29	0 1	23 41	0 12	22 33	0 0	22 11	0 15	0 5	0 41	17 49	0 8	9 38	16 52	22 27	22 29	24 55	15 37	3 51
F 23	6 9	1 50	4 37	15 9	0 20	8 0	0n 3	23 42	0 13	22 32	0 1	22 12	0 15	0 6	0 41	17 50	0 8	9 38	16 52	22 26	22 28	24 55	15 38	3 50
S 24	5 46	3n55	4 2	15 8	0 8	8 30	0 6	23 42	0 14	22 31	0 1	22 12	0 15	0 8	0 41	17 50	0 8	9 37	16 52	22 25	22 28	24 56	15 39	3 50
S 25	5 22	9 35	3 13	15 6	0s 3	9 0	0 9	23 43	0 15	22 30	0 1	22 12	0 15	0 9	0 41	17 50	0 8	9 36	16 52	22 24	22 28	24 57	15 39	3 50
M26	4 59	14 50	2 12	15 2	0 14	9 30	0 13	23 43	0 16	22 29	0 1	22 13	0 15	0 10	0 41	17 51	0 8	9 36	16 52	22 23	22 27	24 58	15 40	3 50
T 27	4 36	19 21	1 3	14 56	0 25	9 59	0 16	23 43	0 17	22 27	0 1	22 13	0 15	0 12	0 41	17 51	0 8	9 35	16 51	22 23	22 27	24 59	15 41	3 50
W28	4s12	22n49	0n11	14s49	0s36	10n29	0n20	23s43	0s18	22s26	0s 1	22n13	0n15	0n13	0s41	17n51	0n 8	9s34	16s51	22n23	22n26	25s 0	15n41	3s50

Julian Day Number = 2302932.5, Delta T = 98.56 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'42, Lahiri = 18°10'43 Julian Calendar 1 Feb. 1593 == Greg. Calendar 11 Feb. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

MARCH 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 14 10	20♓24'17	28♊56	22♒46	27♈29	5♑16	17♑ 4	20°R11	2♈11	10°R10	15♈ 9	12°R47	13♊11	0♑17	26♉31	T 1
F 2	11 18 7	21°23'58	13♋ 6	23°45	28°40	5°55	17°14	20♋ 9	2°15	10♌ 9	15°10	12♊46	13° 8	0°23	26°34	F 2
S 3	11 22 3	22°23'37	27°20	24°46	29°52	6°34	17°23	20° 8	2°18	10° 8	15°12	12°42	13° 5	0°30	26°37	S 3
S 4	11 26 0	23°23'13	11♌34	25°50	1♉ 3	7°13	17°32	20° 7	2°21	10° 7	15°13	12°36	13° 1	0°37	26°39	S 4
M 5	11 29 56	24°22'47	25°46	26°57	2°14	7°52	17°41	20° 7	2°25	10° 6	15°14	12°27	12°58	0°43	26°42	M 5
T 6	11 33 53	25°22'18	9♍50	28° 5	3°25	8°32	17°51	20° 6	2°28	10° 5	15°16	12°16	12°55	0°50	26°45	T 6
W 7	11 37 50	26°21'48	23°42	29°16	4°35	9°11	17°59	20° 5	2°32	10° 4	15°17	12° 4	12°52	0°57	26°48	W 7
T 8	11 41 46	27°21'15	7♎18	0♓29	5°46	9°50	18° 8	20° 5	2°35	10° 3	15°19	11°52	12°49	1° 3	26°51	T 8
F 9	11 45 43	28°20'41	20°33	1°44	6°57	10°29	18°17	20° 4	2°38	10° 2	15°20	11°42	12°46	1°10	26°54	F 9
S 10	11 49 39	29°20'04	3♏28	3° 1	8° 7	11° 8	18°26	20° 4	2°42	10° 1	15°21	11°34	12°42	1°17	26°57	S 10
S 11	11 53 36	0♈19'26	16° 2	4°19	9°18	11°47	18°34	20° 4	2°45	10° 0	15°23	11°28	12°39	1°23	27° 0	S 11
M12	11 57 32	1°18'45	28°19	5°40	10°28	12°26	18°42	20°D 4	2°49	9°59	15°24	11°25	12°36	1°30	27° 3	M12
T 13	12 1 29	2°18'03	10♐22	7° 2	11°38	13° 5	18°50	20° 4	2°52	9°58	15°25	11°D25	12°33	1°36	27° 6	T 13
W14	12 5 25	3°17'20	22°15	8°26	12°48	13°44	18°59	20° 4	2°56	9°57	15°27	11°25	12°30	1°43	27° 9	W14
T 15	12 9 22	4°16'34	4♑ 3	9°51	13°58	14°23	19° 6	20° 4	2°59	9°56	15°28	11°R25	12°26	1°50	27°13	T 15
F 16	12 13 19	5°15'47	15°53	11°18	15° 8	15° 2	19°14	20° 5	3° 2	9°55	15°30	11°25	12°23	1°56	27°16	F 16
S 17	12 17 15	6°14'57	27°50	12°47	16°17	15°41	19°22	20° 5	3° 6	9°54	15°31	11°22	12°20	2° 3	27°19	S 17
S 18	12 21 12	7°14'06	9♒58	14°17	17°27	16°20	19°29	20° 6	3° 9	9°54	15°32	11°18	12°17	2°10	27°23	S 18
M19	12 25 8	8°13'13	22°21	15°49	18°36	16°59	19°37	20° 7	3°13	9°53	15°34	11°10	12°14	2°16	27°26	M19
T 20	12 29 5	9°12'18	5♓ 3	17°22	19°46	17°38	19°44	20° 8	3°16	9°52	15°35	11° 1	12°11	2°23	27°30	T 20
W21	12 33 1	10°11'22	18° 5	18°57	20°55	18°17	19°51	20° 8	3°20	9°52	15°37	10°51	12° 7	2°30	27°34	W21
T 22	12 36 58	11°10'23	1♈27	20°33	22° 4	18°55	19°58	20°10	3°23	9°51	15°38	10°40	12° 4	2°36	27°37	T 22
F 23	12 40 54	12° 9'22	15° 7	22°11	23°13	19°34	20° 5	20°11	3°26	9°50	15°39	10°31	12° 1	2°43	27°41	F 23
S 24	12 44 51	13° 8'19	29° 1	23°51	24°21	20°13	20°11	20°12	3°30	9°50	15°41	10°23	11°58	2°50	27°45	S 24
S 25	12 48 47	14° 7'14	13♉ 6	25°31	25°30	20°51	20°18	20°13	3°33	9°49	15°42	10°18	11°55	2°56	27°48	S 25
M26	12 52 44	15° 6'07	27°17	27°14	26°38	21°30	20°24	20°15	3°37	9°49	15°44	10°15	11°52	3° 3	27°52	M26
T 27	12 56 41	16° 4'58	11♊31	28°58	27°47	22° 9	20°30	20°16	3°40	9°48	15°45	10°D14	11°48	3°10	27°56	T 27
W28	13 0 37	17° 3'47	25°45	0♈43	28°55	22°47	20°36	20°18	3°43	9°48	15°46	10°15	11°45	3°16	28° 0	W28
T 29	13 4 34	18° 2'33	9♋56	2°30	0♊ 3	23°26	20°42	20°20	3°47	9°47	15°48	10°16	11°42	3°23	28° 4	T 29
F 30	13 8 30	19° 1'17	24° 3	4°18	1°11	24° 4	20°48	20°22	3°50	9°47	15°49	10°R16	11°39	3°30	28° 8	F 30
S 31	13 12 27	19♈59'59	8♌ 5	6♈ 8	2♊18	24♑43	20♑53	20♋24	3♈53	9♌47	15♈51	10♊14	11♊36	3♑36	28♉12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s49	24n54	1n24	14s40	0s45	10n58	0n23	23s43	0s19	22s25	0s 1	22n14	0n15	0n14	0s41	17n52	0n 8	9s34	16s51	22n23	22n26	25s 1	15n42	3s49
F 2	3 25	25 23	2 33	14 30	0 55	11 27	0 27	23 42	0 21	22 24	0 1	22 14	0 15	0 16	0 41	17 52	0 8	9 33	16 51	22 23	22 26	25 1	15 43	3 49
S 3	3 1	24 13	3 32	14 18	1 4	11 55	0 31	23 42	0 22	22 23	0 1	22 14	0 16	0 17	0 41	17 52	0 8	9 32	16 51	22 22	22 25	25 2	15 43	3 49
S 4	2 38	21 29	4 18	14 4	1 12	12 24	0 34	23 41	0 23	22 22	0 2	22 14	0 16	0 19	0 41	17 53	0 8	9 32	16 51	22 21	22 25	25 3	15 44	3 49
M 5	2 14	17 29	4 48	13 49	1 20	12 52	0 38	23 40	0 24	22 21	0 2	22 15	0 16	0 20	0 41	17 53	0 8	9 31	16 50	22 20	22 24	25 4	15 45	3 49
T 6	1 51	12 32	5 1	13 32	1 28	13 20	0 41	23 39	0 25	22 20	0 2	22 15	0 16	0 21	0 41	17 53	0 8	9 31	16 50	22 19	22 24	25 5	15 46	3 49
W 7	1 27	7 1	4 55	13 14	1 35	13 47	0 45	23 37	0 27	22 19	0 2	22 15	0 16	0 23	0 41	17 54	0 8	9 30	16 50	22 17	22 24	25 5	15 47	3 49
T 8	1 3	1 16	4 32	12 55	1 42	14 14	0 48	23 36	0 28	22 18	0 2	22 15	0 16	0 24	0 41	17 54	0 8	9 29	16 50	22 16	22 23	25 6	15 47	3 48
F 9	0 40	4s25	3 55	12 34	1 48	14 41	0 52	23 34	0 29	22 17	0 2	22 15	0 16	0 25	0 41	17 54	0 8	9 29	16 50	22 14	22 23	25 7	15 48	3 48
S 10	0 16	9 46	3 7	12 11	1 54	15 7	0 56	23 32	0 31	22 16	0 2	22 15	0 16	0 27	0 41	17 54	0 8	9 28	16 50	22 13	22 22	25 8	15 49	3 48
S 11	0n 8	14 35	2 11	11 48	1 59	15 34	0 59	23 30	0 32	22 14	0 2	22 15	0 16	0 28	0 41	17 55	0 8	9 28	16 50	22 12	22 22	25 9	15 50	3 48
M12	0 31	18 42	1 9	11 22	2 4	15 59	1 3	23 28	0 33	22 13	0 2	22 15	0 16	0 30	0 41	17 55	0 8	9 27	16 50	22 12	22 22	25 9	15 51	3 48
T 13	0 55	21 58	0 6	10 56	2 8	16 25	1 7	23 25	0 34	22 12	0 3	22 15	0 16	0 31	0 41	17 55	0 8	9 26	16 50	22 12	22 21	25 10	15 51	3 48
W14	1 19	24 13	0s57	10 28	2 12	16 50	1 10	23 23	0 36	22 11	0 3	22 16	0 16	0 32	0 41	17 55	0 8	9 26	16 49	22 12	22 21	25 11	15 52	3 48
T 15	1 42	25 23	1 58	9 59	2 16	17 14	1 14	23 20	0 37	22 10	0 3	22 16	0 16	0 34	0 41	17 56	0 8	9 25	16 49	22 12	22 20	25 12	15 53	3 48
F 16	2 6	25 24	2 53	9 28	2 19	17 39	1 17	23 17	0 39	22 9	0 3	22 16	0 17	0 35	0 41	17 56	0 8	9 25	16 49	22 12	22 20	25 12	15 54	3 47
S 17	2 29	24 15	3 41	8 57	2 21	18 2	1 21	23 14	0 40	22 9	0 3	22 16	0 17	0 36	0 41	17 56	0 8	9 24	16 49	22 12	22 19	25 13	15 55	3 47
S 18	2 53	21 58	4 20	8 24	2 23	18 26	1 24	23 11	0 41	22 8	0 3	22 16	0 17	0 38	0 41	17 56	0 8	9 23	16 49	22 11	22 19	25 14	15 56	3 47
M19	3 16	18 37	4 48	7 49	2 24	18 49	1 28	23 7	0 43	22 7	0 3	22 16	0 17	0 39	0 41	17 57	0 8	9 23	16 49	22 10	22 19	25 14	15 57	3 47
T 20	3 39	14 22	5 2	7 14	2 25	19 11	1 32	23 4	0 44	22 6	0 3	22 15	0 17	0 40	0 41	17 57	0 8	9 22	16 49	22 9	22 18	25 15	15 58	3 47
W21	4 3	9 21	5 2	6 37	2 26	19 33	1 35	23 0	0 46	22 5	0 4	22 15	0 17	0 42	0 41	17 57	0 8	9 22	16 49	22 7	22 18	25 16	15 58	3 47
T 22	4 26	3 46	4 45	5 59	2 26	19 55	1 38	22 56	0 47	22 4	0 4	22 15	0 17	0 43	0 41	17 57	0 8	9 21	16 49	22 6	22 17	25 17	15 59	3 47
F 23	4 49	2n 6	4 11	5 20	2 26	20 16	1 42	22 52	0 49	22 3	0 4	22 15	0 17	0 45	0 41	17 57	0 8	9 21	16 49	22 4	22 17	25 17	16 0	3 47
S 24	5 12	8 0	3 22	4 40	2 25	20 36	1 45	22 48	0 50	22 2	0 4	22 15	0 17	0 46	0 41	17 57	0 8	9 20	16 49	22 3	22 17	25 18	16 1	3 47
S 25	5 35	13 35	2 20	3 58	2 23	20 56	1 49	22 43	0 52	22 1	0 4	22 15	0 17	0 47	0 41	17 58	0 8	9 19	16 49	22 3	22 16	25 19	16 2	3 47
M26	5 58	18 29	1 9	3 16	2 21	21 16	1 52	22 39	0 53	22 1	0 4	22 15	0 17	0 49	0 41	17 58	0 8	9 19	16 49	22 2	22 16	25 19	16 3	3 46
T 27	6 20	22 20	0n 7	2 32	2 19	21 35	1 55	22 34	0 55	22 0	0 4	22 15	0 17	0 50	0 41	17 58	0 8	9 18	16 49	22 2	22 15	25 20	16 4	3 46
W28	6 43	24 48	1 22	1 47	2 16	21 53	1 59	22 29	0 56	21 59	0 4	22 14	0 17	0 51	0 41	17 58	0 8	9 18	16 49	22 2	22 15	25 21	16 5	3 46
T 29	7 6	25 39	2 33	1 2	2 12	22 11	2 2	22 24	0 58	21 58	0 5	22 14	0 17	0 53	0 41	17 58	0 8	9 17	16 49	22 2	22 14	25 21	16 6	3 46
F 30	7 28	24 51	3 33	0 15	2 8	22 29	2 5	22 19	0 59	21 57	0 5	22 14	0 17	0 54	0 41	17 58	0 8	9 17	16 49	22 2	22 14	25 22	16 7	3 46
S 31	7n50	22n29	4n21	0n33	2s 4	22n46	2n 8	22s14	1s 1	21s57	0s 5	22n14	0n18	0n55	0s41	17n58	0n 8	9s16	16s49	22n 2	22n14	25s23	16n 8	3s46

Julian Day Number = 2302960.5, Delta T = 98.44 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'46, Lahiri = 18°10'47 Julian Calendar 1 March 1593 == Greg. Calendar 11 March 1593

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1593
geocentric

APRIL 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 23	20♈58'38	22♌ 0	8♈ 0	3♊26	25♉21	20♉58	20♋26	3♈57	9°R46	15♈52	10°R11	11♊32	3♉43	28♉16	S 1
M 2	13 20 20	21°57'15	5♍48	9°53	4°33	25°59	21° 4	20°28	4° 0	9♌46	15°54	10♊ 5	11°29	3°50	28°20	M 2
T 3	13 24 16	22°55'50	19°25	11°48	5°40	26°37	21° 9	20°31	4° 3	9°46	15°55	9°58	11°26	3°56	28°24	T 3
W 4	13 28 13	23°54'22	2♎50	13°44	6°47	27°16	21°14	20°33	4° 7	9°45	15°56	9°50	11°23	4° 3	28°28	W 4
T 5	13 32 10	24°52'53	16° 2	15°42	7°53	27°54	21°18	20°36	4°10	9°45	15°58	9°42	11°20	4°10	28°32	T 5
F 6	13 36 6	25°51'22	28°58	17°41	9° 0	28°32	21°23	20°38	4°13	9°45	15°59	9°36	11°17	4°16	28°37	F 6
S 7	13 40 3	26°49'49	11♏39	19°42	10° 6	29°10	21°27	20°41	4°16	9°45	16° 1	9°30	11°13	4°23	28°41	S 7
S 8	13 43 59	27°48'14	24° 4	21°45	11°12	29°48	21°31	20°44	4°20	9°45	16° 2	9°27	11°10	4°29	28°45	S 8
M 9	13 47 56	28°46'37	6♐15	23°48	12°18	0♒26	21°35	20°47	4°23	9°45	16° 3	9°D26	11° 7	4°36	28°49	M 9
T 10	13 51 52	29°44'59	18°15	25°53	13°24	1° 4	21°39	20°50	4°26	9°D45	16° 5	9°26	11° 4	4°43	28°54	T 10
W11	13 55 49	0♑43'19	0♑ 8	27°59	14°29	1°42	21°43	20°53	4°29	9°45	16° 6	9°28	11° 1	4°49	28°58	W11
T 12	13 59 45	1°41'37	11°57	0♑ 6	15°34	2°20	21°46	20°56	4°32	9°45	16° 8	9°29	10°58	4°56	29° 3	T 12
F 13	14 3 42	2°39'54	23°47	2°15	16°39	2°57	21°50	20°59	4°35	9°45	16° 9	9°31	10°54	5° 3	29° 7	F 13
S 14	14 7 39	3°38'09	5♒44	4°23	17°44	3°35	21°53	21° 3	4°39	9°45	16°10	9°R31	10°51	5° 9	29°12	S 14
S 15	14 11 35	4°36'23	17°53	6°33	18°49	4°13	21°56	21° 6	4°42	9°45	16°12	9°30	10°48	5°16	29°16	S 15
M16	14 15 32	5°34'35	0♓17	8°42	19°53	4°50	21°58	21°10	4°45	9°45	16°13	9°28	10°45	5°23	29°20	M16
T 17	14 19 28	6°32'46	13° 2	10°52	20°57	5°28	22° 1	21°14	4°48	9°45	16°14	9°24	10°42	5°29	29°25	T 17
W18	14 23 25	7°30'55	26° 9	13° 1	22° 0	6° 5	22° 3	21°17	4°51	9°46	16°16	9°19	10°38	5°36	29°30	W18
T 19	14 27 21	8°29'02	9♈39	15° 9	23° 4	6°42	22° 6	21°21	4°54	9°46	16°17	9°14	10°35	5°43	29°34	T 19
F 20	14 31 18	9°27'08	23°33	17°17	24° 7	7°19	22° 8	21°25	4°57	9°46	16°18	9°10	10°32	5°49	29°39	F 20
S 21	14 35 14	10°25'13	7♉46	19°24	25°10	7°57	22° 9	21°29	5° 0	9°47	16°20	9° 6	10°29	5°56	29°43	S 21
S 22	14 39 11	11°23'16	22°14	21°29	26°13	8°34	22°11	21°33	5° 3	9°47	16°21	9° 4	10°26	6° 3	29°48	S 22
M23	14 43 8	12°21'17	6♊51	23°32	27°15	9°11	22°12	21°38	5° 6	9°47	16°22	9°D 3	10°23	6° 9	29°53	M23
T 24	14 47 4	13°19'17	21°31	25°34	28°17	9°47	22°14	21°42	5° 8	9°48	16°24	9° 4	10°19	6°16	29°57	T 24
W25	14 51 1	14°17'14	6♋ 7	27°33	29°19	10°24	22°15	21°46	5°11	9°48	16°25	9° 5	10°16	6°23	0♊ 2	W25
T 26	14 54 57	15°15'10	20°35	29°30	0♋20	11° 1	22°16	21°51	5°14	9°49	16°26	9° 6	10°13	6°29	0° 7	T 26
F 27	14 58 54	16°13'05	4♌51	1♊24	1°21	11°37	22°16	21°55	5°17	9°49	16°27	9° 7	10°10	6°36	0°11	F 27
S 28	15 2 50	17°10'57	18°53	3°16	2°22	12°14	22°17	22° 0	5°20	9°50	16°29	9°R 8	10° 7	6°43	0°16	S 28
S 29	15 6 47	18° 8'47	2♍41	5° 4	3°22	12°50	22°17	22° 5	5°22	9°50	16°30	9° 7	10° 4	6°49	0°21	S 29
M30	15 10 43	19♉ 6'36	16♍13	6♊50	4♋22	13♒26	22°R17	22♋10	5♈25	9♌51	16♈31	9♊ 5	10♊ 0	6♉56	0♊26	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n12	18n49	4n52	1n22	1s59	23n 2	2n11	22s 8	1s 2	21s56	0s 5	22n13	0n18	0n57	0s41	17n58	0n 8	9s16	16s49	22n 2	22n13	25s23	16n 9	3s46
M 2	8 34	14 9	5 7	2 11	1 53	23 18	2 14	22 3	1 4	21 55	0 5	22 13	0 18	0 58	0 41	17 59	0 8	9 15	16 49	22 1	22 13	25 24	16 10	3 46
T 3	8 56	8 51	5 3	3 2	1 47	23 33	2 17	21 57	1 6	21 55	0 5	22 13	0 18	0 59	0 41	17 59	0 8	9 15	16 49	22 0	22 12	25 24	16 11	3 46
W 4	9 18	3 12	4 43	3 53	1 41	23 47	2 20	21 51	1 7	21 54	0 5	22 13	0 18	1 0	0 41	17 59	0 8	9 14	16 49	21 58	22 12	25 25	16 12	3 46
T 5	9 39	2s30	4 8	4 45	1 34	24 1	2 23	21 45	1 9	21 54	0 5	22 12	0 18	1 2	0 41	17 59	0 8	9 14	16 49	21 57	22 11	25 26	16 12	3 46
F 6	10 1	8 0	3 21	5 38	1 26	24 15	2 26	21 39	1 11	21 53	0 6	22 12	0 18	1 3	0 41	17 59	0 8	9 13	16 49	21 56	22 11	25 26	16 13	3 46
S 7	10 22	13 4	2 25	6 31	1 18	24 28	2 28	21 33	1 12	21 52	0 6	22 12	0 18	1 4	0 41	17 59	0 8	9 13	16 49	21 56	22 10	25 27	16 14	3 46
S 8	10 43	17 30	1 23	7 25	1 10	24 40	2 31	21 27	1 14	21 52	0 6	22 11	0 18	1 6	0 41	17 59	0 8	9 12	16 49	21 55	22 10	25 27	16 15	3 46
M 9	11 4	21 7	0 17	8 19	1 1	24 51	2 34	21 20	1 16	21 51	0 6	22 11	0 18	1 7	0 41	17 59	0 8	9 12	16 49	21 55	22 10	25 28	16 16	3 46
T 10	11 25	23 46	0s48	9 13	0 52	25 2	2 36	21 14	1 18	21 51	0 6	22 10	0 18	1 8	0 41	17 59	0 8	9 12	16 49	21 55	22 9	25 29	16 17	3 46
W11	11 45	25 20	1 50	10 8	0 42	25 13	2 38	21 7	1 19	21 50	0 6	22 10	0 18	1 9	0 41	17 59	0 8	9 11	16 49	21 55	22 9	25 29	16 18	3 46
T 12	12 5	25 44	2 48	11 2	0 32	25 22	2 41	21 0	1 21	21 50	0 6	22 10	0 18	1 11	0 41	17 59	0 8	9 11	16 50	21 55	22 8	25 30	16 19	3 46
F 13	12 25	24 59	3 38	11 56	0 22	25 31	2 43	20 53	1 23	21 50	0 7	22 9	0 18	1 12	0 41	17 59	0 8	9 10	16 50	21 56	22 8	25 30	16 20	3 45
S 14	12 45	23 4	4 20	12 50	0 12	25 40	2 45	20 46	1 25	21 49	0 7	22 9	0 18	1 13	0 41	17 59	0 8	9 10	16 50	21 56	22 7	25 31	16 21	3 45
S 15	13 5	20 7	4 50	13 43	0 1	25 48	2 47	20 39	1 27	21 49	0 7	22 8	0 18	1 14	0 41	17 59	0 8	9 9	16 50	21 56	22 7	25 31	16 22	3 45
M16	13 25	16 12	5 8	14 35	0n 9	25 55	2 49	20 32	1 29	21 49	0 7	22 8	0 19	1 15	0 41	17 59	0 8	9 9	16 50	21 55	22 6	25 32	16 23	3 45
T 17	13 44	11 28	5 12	15 26	0 20	26 2	2 51	20 25	1 31	21 48	0 7	22 7	0 19	1 17	0 41	17 59	0 8	9 9	16 50	21 55	22 6	25 32	16 24	3 45
W18	14 3	6 6	4 59	16 16	0 31	26 8	2 53	20 17	1 32	21 48	0 7	22 7	0 19	1 18	0 41	17 59	0 8	9 8	16 50	21 54	22 6	25 33	16 25	3 45
T 19	14 22	0 18	4 30	17 4	0 41	26 13	2 54	20 10	1 34	21 48	0 7	22 6	0 19	1 19	0 41	17 59	0 8	9 8	16 50	21 53	22 5	25 33	16 26	3 45
F 20	14 40	5n42	3 44	17 51	0 51	26 18	2 56	20 2	1 36	21 48	0 8	22 6	0 19	1 20	0 41	17 59	0 8	9 7	16 50	21 52	22 5	25 34	16 27	3 45
S 21	14 59	11 33	2 43	18 36	1 1	26 22	2 57	19 54	1 38	21 48	0 8	22 5	0 19	1 21	0 41	17 58	0 8	9 7	16 51	21 52	22 4	25 34	16 28	3 45
S 22	15 17	16 54	1 31	19 19	1 11	26 25	2 59	19 46	1 40	21 48	0 8	22 4	0 19	1 23	0 41	17 58	0 8	9 7	16 51	21 52	22 4	25 35	16 29	3 45
M23	15 35	21 18	0 12	20 0	1 20	26 28	3 0	19 39	1 42	21 47	0 8	22 4	0 19	1 24	0 41	17 58	0 8	9 6	16 51	21 51	22 3	25 35	16 30	3 45
T 24	15 52	24 21	1n 8	20 38	1 29	26 30	3 1	19 31	1 44	21 47	0 8	22 3	0 19	1 25	0 41	17 58	0 8	9 6	16 51	21 51	22 3	25 36	16 31	3 45
W25	16 10	25 44	2 23	21 14	1 38	26 32	3 2	19 23	1 46	21 47	0 8	22 3	0 19	1 26	0 41	17 58	0 8	9 6	16 51	21 52	22 2	25 36	16 32	3 45
T 26	16 27	25 21	3 29	21 48	1 45	26 33	3 3	19 14	1 48	21 47	0 9	22 2	0 19	1 27	0 41	17 58	0 8	9 5	16 51	21 52	22 2	25 37	16 33	3 45
F 27	16 44	23 18	4 21	22 19	1 52	26 33	3 4	19 6	1 50	21 47	0 9	22 1	0 19	1 28	0 41	17 58	0 8	9 5	16 51	21 52	22 1	25 37	16 34	3 46
S 28	17 0	19 52	4 56	22 48	1 59	26 33	3 4	18 58	1 52	21 47	0 9	22 1	0 19	1 29	0 41	17 58	0 8	9 5	16 52	21 52	22 1	25 38	16 35	3 46
S 29	17 16	15 24	5 13	23 14	2 4	26 32	3 5	18 50	1 55	21 48	0 9	22 0	0 19	1 30	0 42	17 57	0 8	9 4	16 52	21 52	22 0	25 38	16 36	3 46
M30	17n32	10n15	5n13	23n37	2n 9	26n30	3n 5	18s41	1s57	21s48	0s 9	21n59	0n19	1n31	0s42	17n57	0n 8	9s 4	16s52	21n52	22n 0	25s39	16n36	3s46

Julian Day Number = 2302991.5, Delta T = 98.32 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'50, Lahiri = 18°10'51 Julian Calendar 1 Apr. 1593 == Greg. Calendar 11 Apr. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

MAY 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 14 40	20♉ 4'23	29♍30	8♊32	5♋22	14♒ 2	22°R17	22♋14	5♈28	9♌52	16♈32	9°R 3	9♊57	7♑ 3	0♊31	T 1
W 2	15 18 37	21° 2'08	12♎33	10°11	6°21	14°38	22♑17	22°19	5°30	9°52	16°34	9♊ 1	9°54	7° 9	0°35	W 2
T 3	15 22 33	21°59'51	25°21	11°47	7°19	15°14	22°17	22°24	5°33	9°53	16°35	8°58	9°51	7°16	0°40	T 3
F 4	15 26 30	22°57'33	7♏57	13°20	8°18	15°50	22°16	22°29	5°36	9°54	16°36	8°56	9°48	7°23	0°45	F 4
S 5	15 30 26	23°55'14	20°20	14°49	9°16	16°26	22°15	22°35	5°38	9°55	16°37	8°54	9°44	7°29	0°50	S 5
S 6	15 34 23	24°52'54	2♐32	16°14	10°13	17° 1	22°14	22°40	5°41	9°55	16°38	8°54	9°41	7°36	0°55	S 6
M 7	15 38 19	25°50'32	14°35	17°37	11°10	17°37	22°13	22°45	5°43	9°56	16°39	8°D54	9°38	7°43	0°59	M 7
T 8	15 42 16	26°48'09	26°30	18°55	12° 6	18°12	22°12	22°51	5°46	9°57	16°41	8°54	9°35	7°49	1° 4	T 8
W 9	15 46 12	27°45'45	8♑21	20°11	13° 2	18°47	22°10	22°56	5°48	9°58	16°42	8°55	9°32	7°56	1° 9	W 9
T 10	15 50 9	28°43'19	20°10	21°22	13°58	19°22	22° 8	23° 2	5°50	9°59	16°43	8°56	9°29	8° 3	1°14	T 10
F 11	15 54 6	29°40'53	2♒ 1	22°30	14°53	19°57	22° 6	23° 7	5°53	10° 0	16°44	8°57	9°25	8° 9	1°19	F 11
S 12	15 58 2	0♊38'26	13°58	23°34	15°47	20°31	22° 4	23°13	5°55	10° 1	16°45	8°58	9°22	8°16	1°24	S 12
S 13	16 1 59	1°35'58	26° 6	24°35	16°41	21° 6	22° 2	23°19	5°57	10° 2	16°46	8°58	9°19	8°23	1°28	S 13
M14	16 5 55	2°33'29	8♓28	25°31	17°34	21°40	22° 0	23°24	6° 0	10° 3	16°47	8°R58	9°16	8°29	1°33	M14
T 15	16 9 52	3°30'59	21°10	26°24	18°27	22°15	21°57	23°30	6° 2	10° 4	16°48	8°58	9°13	8°36	1°38	T 15
W16	16 13 48	4°28'29	4♈15	27°12	19°19	22°49	21°54	23°36	6° 4	10° 5	16°49	8°58	9° 9	8°43	1°43	W16
T 17	16 17 45	5°25'57	17°45	27°57	20°10	23°22	21°51	23°42	6° 6	10° 6	16°50	8°57	9° 6	8°49	1°48	T 17
F 18	16 21 41	6°23'25	1♉41	28°37	21° 1	23°56	21°48	23°48	6° 8	10° 8	16°51	8°57	9° 3	8°56	1°53	F 18
S 19	16 25 38	7°20'52	16° 2	29°13	21°51	24°30	21°44	23°54	6°10	10° 9	16°52	8°57	9° 0	9° 3	1°58	S 19
S 20	16 29 35	8°18'19	0♊43	29°45	22°40	25° 3	21°41	24° 1	6°12	10°10	16°53	8°D57	8°57	9° 9	2° 2	S 20
M21	16 33 31	9°15'44	15°38	0♋13	23°28	25°36	21°37	24° 7	6°14	10°11	16°54	8°R57	8°54	9°16	2° 7	M21
T 22	16 37 28	10°13'09	0♋39	0°36	24°16	26° 9	21°33	24°13	6°16	10°12	16°55	8°56	8°50	9°23	2°12	T 22
W23	16 41 24	11°10'33	15°38	0°54	25° 3	26°41	21°29	24°19	6°18	10°14	16°56	8°56	8°47	9°29	2°17	W23
T 24	16 45 21	12° 7'55	0♌27	1° 8	25°49	27°14	21°25	24°26	6°20	10°15	16°57	8°56	8°44	9°36	2°22	T 24
F 25	16 49 17	13° 5'17	14°59	1°17	26°35	27°46	21°20	24°32	6°22	10°16	16°58	8°56	8°41	9°43	2°27	F 25
S 26	16 53 14	14° 2'37	29°11	1°22	27°19	28°18	21°16	24°39	6°23	10°18	16°59	8°55	8°38	9°49	2°31	S 26
S 27	16 57 11	14°59'57	13♍ 1	1°R22	28° 2	28°50	21°11	24°45	6°25	10°19	16°59	8°D55	8°35	9°56	2°36	S 27
M28	17 1 7	15°57'15	26°28	1°18	28°45	29°21	21° 6	24°52	6°27	10°21	17° 0	8°55	8°31	10° 3	2°41	M28
T 29	17 5 4	16°54'32	9♎35	1° 9	29°26	29°53	21° 1	24°59	6°29	10°22	17° 1	8°56	8°28	10° 9	2°46	T 29
W30	17 9 0	17°51'49	22°23	0°56	0♌ 6	0♓24	20°56	25° 5	6°30	10°24	17° 2	8°56	8°25	10°16	2°50	W30
T 31	17 12 57	18♊49'04	4♏55	0♋39	0♌46	0♓54	20♑51	25♋12	6♈32	10♌25	17♈ 3	8♊57	8♊22	10♑23	2♊55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n48	4n43	4n55	23n58	2n13	26n28	3n 6	18s33	1s59	21s48	0s 9	21n58	0n19	1n32	0s42	17n57	0n 8	9s 4	16s52	21n51	22n 0	25s39	16n37	3s46
W 2	18 3	0s56	4 23	24 16	2 16	26 26	3 6	18 24	2 1	21 48	0 9	21 58	0 20	1 33	0 42	17 57	0 8	9 4	16 52	21 51	21 59	25 39	16 38	3 46
T 3	18 18	6 27	3 38	24 33	2 19	26 23	3 6	18 16	2 3	21 48	0 10	21 57	0 20	1 34	0 42	17 57	0 8	9 3	16 53	21 51	21 59	25 40	16 39	3 46
F 4	18 33	11 37	2 43	24 46	2 20	26 19	3 5	18 7	2 5	21 49	0 10	21 56	0 20	1 35	0 42	17 57	0 8	9 3	16 53	21 50	21 58	25 40	16 40	3 46
S 5	18 48	16 15	1 41	24 58	2 21	26 15	3 5	17 58	2 8	21 49	0 10	21 55	0 20	1 36	0 42	17 56	0 8	9 3	16 53	21 50	21 58	25 41	16 41	3 46
S 6	19 2	20 8	0 35	25 7	2 21	26 10	3 4	17 50	2 10	21 49	0 10	21 54	0 20	1 37	0 42	17 56	0 8	9 3	16 53	21 50	21 57	25 41	16 42	3 46
M 7	19 16	23 7	0s31	25 14	2 20	26 4	3 4	17 41	2 12	21 50	0 10	21 54	0 20	1 38	0 42	17 56	0 8	9 2	16 53	21 50	21 57	25 41	16 43	3 46
T 8	19 29	25 3	1 36	25 20	2 18	25 59	3 3	17 32	2 14	21 50	0 10	21 53	0 20	1 39	0 42	17 56	0 8	9 2	16 54	21 50	21 56	25 42	16 44	3 46
W 9	19 42	25 50	2 36	25 23	2 16	25 52	3 2	17 23	2 17	21 50	0 11	21 52	0 20	1 40	0 42	17 55	0 8	9 2	16 54	21 50	21 56	25 42	16 45	3 46
T 10	19 55	25 26	3 29	25 25	2 12	25 45	3 1	17 15	2 19	21 51	0 11	21 51	0 20	1 41	0 42	17 55	0 8	9 2	16 54	21 50	21 55	25 43	16 46	3 46
F 11	20 8	23 53	4 14	25 24	2 8	25 38	2 59	17 6	2 21	21 51	0 11	21 50	0 20	1 42	0 42	17 55	0 8	9 1	16 54	21 50	21 55	25 43	16 47	3 46
S 12	20 20	21 16	4 48	25 23	2 3	25 30	2 58	16 57	2 24	21 52	0 11	21 49	0 20	1 43	0 42	17 55	0 8	9 1	16 54	21 51	21 54	25 43	16 47	3 46
S 13	20 32	17 42	5 9	25 19	1 57	25 22	2 56	16 48	2 26	21 52	0 11	21 48	0 20	1 44	0 42	17 54	0 8	9 1	16 55	21 51	21 54	25 44	16 48	3 46
M14	20 43	13 18	5 17	25 15	1 50	25 13	2 54	16 39	2 28	21 53	0 11	21 48	0 20	1 45	0 42	17 54	0 8	9 1	16 55	21 51	21 53	25 44	16 49	3 47
T 15	20 54	8 15	5 10	25 8	1 42	25 4	2 52	16 30	2 31	21 53	0 12	21 47	0 20	1 46	0 42	17 54	0 8	9 1	16 55	21 51	21 53	25 44	16 50	3 47
W16	21 5	2 42	4 47	25 1	1 33	24 54	2 50	16 21	2 33	21 54	0 12	21 46	0 20	1 46	0 42	17 54	0 8	9 1	16 55	21 51	21 52	25 45	16 51	3 47
T 17	21 15	3n10	4 8	24 52	1 24	24 44	2 47	16 12	2 36	21 55	0 12	21 45	0 20	1 47	0 42	17 53	0 8	9 1	16 56	21 50	21 52	25 45	16 52	3 47
F 18	21 25	9 5	3 13	24 42	1 13	24 34	2 45	16 3	2 38	21 55	0 12	21 44	0 21	1 48	0 42	17 53	0 8	9 0	16 56	21 50	21 51	25 45	16 53	3 47
S 19	21 35	14 42	2 4	24 32	1 2	24 23	2 42	15 55	2 41	21 56	0 12	21 43	0 21	1 49	0 42	17 53	0 8	9 0	16 56	21 50	21 51	25 46	16 53	3 47
S 20	21 44	19 36	0 46	24 20	0 50	24 11	2 39	15 46	2 43	21 57	0 12	21 42	0 21	1 50	0 42	17 52	0 9	9 0	16 56	21 50	21 50	25 46	16 54	3 47
M21	21 53	23 20	0n37	24 7	0 37	24 0	2 35	15 37	2 46	21 58	0 13	21 41	0 21	1 50	0 42	17 52	0 9	9 0	16 57	21 50	21 50	25 46	16 55	3 47
T 22	22 2	25 27	1 58	23 54	0 24	23 48	2 32	15 28	2 48	21 58	0 13	21 40	0 21	1 51	0 42	17 52	0 9	9 0	16 57	21 50	21 49	25 46	16 56	3 47
W23	22 10	25 43	3 10	23 39	0 10	23 36	2 28	15 19	2 51	21 59	0 13	21 39	0 21	1 52	0 42	17 51	0 9	9 0	16 57	21 50	21 49	25 47	16 57	3 48
T 24	22 18	24 9	4 9	23 25	0s 5	23 23	2 24	15 10	2 53	22 0	0 13	21 37	0 21	1 53	0 42	17 51	0 9	9 0	16 58	21 50	21 48	25 47	16 57	3 48
F 25	22 25	21 0	4 50	23 9	0 20	23 10	2 20	15 2	2 56	22 1	0 13	21 36	0 21	1 53	0 42	17 51	0 9	9 0	16 58	21 50	21 48	25 47	16 58	3 48
S 26	22 32	16 40	5 13	22 53	0 36	22 57	2 15	14 53	2 59	22 2	0 13	21 35	0 21	1 54	0 42	17 50	0 9	9 0	16 58	21 50	21 47	25 47	16 59	3 48
S 27	22 39	11 33	5 17	22 37	0 52	22 44	2 11	14 44	3 1	22 3	0 14	21 34	0 21	1 55	0 42	17 50	0 9	9 0	16 58	21 50	21 47	25 48	17 0	3 48
M28	22 45	6 2	5 3	22 21	1 9	22 30	2 6	14 36	3 4	22 4	0 14	21 33	0 21	1 55	0 42	17 49	0 9	9 0	16 59	21 50	21 46	25 48	17 1	3 48
T 29	22 51	0 23	4 33	22 4	1 25	22 17	2 0	14 27	3 7	22 5	0 14	21 32	0 21	1 56	0 42	17 49	0 9	9 0	16 59	21 50	21 46	25 48	17 1	3 48
W30	22 56	5s 9	3 51	21 47	1 42	22 3	1 55	14 19	3 9	22 5	0 14	21 31	0 21	1 56	0 42	17 49	0 9	9 0	16 59	21 50	21 45	25 48	17 2	3 49
T 31	23n 1	10s24	2n58	21n30	1s59	21n49	1n49	14s10	3s12	22s 6	0s14	21n30	0n21	1n57	0s42	17n48	0n 9	9s 0	17s 0	21n51	21n45	25s49	17n 3	3s49

Julian Day Number = 2303021.5, Delta T = 98.19 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'54, Lahiri = 18°10'55 Julian Calendar 1 May 1593 == Greg. Calendar 11 May 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

JUNE 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 16 53	19♊46'19	17♏14	0°R18	1♌24	1♓25	20°R45	25♋19	6♈33	10♌27	17♈ 3	8♊58	8♊19	10♑29	3♊ 0	F 1
S 2	17 20 50	20°43'33	29°22	29♊54	2° 1	1°55	20♑40	25°26	6°35	10°28	17° 4	8°59	8°15	10°36	3° 5	S 2
S 3	17 24 46	21°40'47	11♐23	29°27	2°36	2°25	20°34	25°32	6°36	10°30	17° 5	8°R59	8°12	10°43	3° 9	S 3
M 4	17 28 43	22°38'00	23°17	28°58	3°11	2°55	20°28	25°39	6°37	10°31	17° 6	8°59	8° 9	10°49	3°14	M 4
T 5	17 32 40	23°35'13	5♑ 8	28°26	3°44	3°24	20°22	25°46	6°39	10°33	17° 6	8°57	8° 6	10°56	3°19	T 5
W 6	17 36 36	24°32'25	16°57	27°52	4°15	3°53	20°16	25°53	6°40	10°35	17° 7	8°56	8° 3	11° 3	3°23	W 6
T 7	17 40 33	25°29'37	28°47	27°18	4°46	4°22	20°10	26° 0	6°41	10°36	17° 8	8°53	8° 0	11° 9	3°28	T 7
F 8	17 44 29	26°26'49	10♒41	26°43	5°14	4°51	20° 3	26° 7	6°43	10°38	17° 8	8°51	7°56	11°16	3°33	F 8
S 9	17 48 26	27°24'01	22°40	26° 8	5°42	5°19	19°57	26°15	6°44	10°40	17° 9	8°48	7°53	11°23	3°37	S 9
S 10	17 52 22	28°21'12	4♓49	25°34	6° 7	5°46	19°50	26°22	6°45	10°41	17° 9	8°46	7°50	11°29	3°42	S 10
M11	17 56 19	29°18'24	17°12	25° 1	6°31	6°14	19°43	26°29	6°46	10°43	17°10	8°44	7°47	11°36	3°46	M11
T 12	18 0 15	0♋15'35	29°51	24°30	6°54	6°41	19°37	26°36	6°47	10°45	17°10	8°D44	7°44	11°43	3°51	T 12
W13	18 4 12	1°12'47	12♈51	24° 2	7°14	7° 8	19°30	26°43	6°48	10°47	17°11	8°44	7°41	11°49	3°55	W13
T 14	18 8 9	2° 9'59	26°14	23°36	7°33	7°34	19°23	26°51	6°49	10°49	17°12	8°45	7°37	11°56	4° 0	T 14
F 15	18 12 5	3° 7'10	10♉ 4	23°14	7°50	8° 0	19°16	26°58	6°50	10°50	17°12	8°47	7°34	12° 3	4° 4	F 15
S 16	18 16 2	4° 4'23	24°20	22°55	8° 5	8°26	19° 9	27° 5	6°50	10°52	17°12	8°48	7°31	12° 9	4° 9	S 16
S 17	18 19 58	5° 1'35	8♊59	22°41	8°18	8°51	19° 1	27°13	6°51	10°54	17°13	8°R49	7°28	12°16	4°13	S 17
M18	18 23 55	5°58'47	23°59	22°31	8°29	9°16	18°54	27°20	6°52	10°56	17°13	8°48	7°25	12°23	4°17	M18
T 19	18 27 51	6°56'00	9♋ 9	22°26	8°38	9°40	18°47	27°28	6°53	10°58	17°14	8°46	7°21	12°29	4°22	T 19
W20	18 31 48	7°53'12	24°22	22°D25	8°44	10° 4	18°39	27°35	6°53	11° 0	17°14	8°43	7°18	12°36	4°26	W20
T 21	18 35 44	8°50'25	9♌27	22°30	8°49	10°27	18°32	27°42	6°54	11° 2	17°15	8°39	7°15	12°43	4°30	T 21
F 22	18 39 41	9°47'37	24°15	22°39	8°R51	10°50	18°24	27°50	6°54	11° 4	17°15	8°35	7°12	12°49	4°34	F 22
S 23	18 43 38	10°44'49	8♍40	22°54	8°51	11°13	18°17	27°58	6°55	11° 6	17°15	8°31	7° 9	12°56	4°39	S 23
S 24	18 47 34	11°42'01	22°38	23°14	8°48	11°35	18° 9	28° 5	6°55	11° 8	17°15	8°28	7° 6	13° 3	4°43	S 24
M25	18 51 31	12°39'13	6♎ 8	23°39	8°44	11°56	18° 1	28°13	6°56	11°10	17°16	8°27	7° 2	13° 9	4°47	M25
T 26	18 55 27	13°36'25	19°13	24° 9	8°36	12°17	17°54	28°20	6°56	11°12	17°16	8°D27	6°59	13°16	4°51	T 26
W27	18 59 24	14°33'37	1♏55	24°44	8°27	12°37	17°46	28°28	6°56	11°14	17°16	8°28	6°56	13°23	4°55	W27
T 28	19 3 20	15°30'49	14°18	25°25	8°15	12°57	17°38	28°35	6°56	11°16	17°16	8°29	6°53	13°29	4°59	T 28
F 29	19 7 17	16°28'01	26°28	26°11	8° 0	13°17	17°31	28°43	6°57	11°18	17°17	8°31	6°50	13°36	5° 3	F 29
S 30	19 11 13	17♋25'13	8♐27	27♊ 2	7♌44	13♓36	17♑23	28♋51	6♈57	11♌20	17♈17	8°R31	6♊47	13♑43	5♊ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	15s 8	1n58	21n14	2s16	21n34	1n43	14s 2	3s15	22s 7	0s14	21n28	0n21	1n58	0s42	17n48	0n 9	9s 0	17s 0	21n51	21n44	25s49	17n 4	3s49
S 2	23 10	19 12	0 53	20 57	2 32	21 20	1 37	13 53	3 18	22 8	0 15	21 27	0 22	1 58	0 42	17 47	0 9	9 0	17 0	21 51	21 44	25 49	17 4	3 49
S 3	23 14	22 25	0s13	20 41	2 48	21 5	1 30	13 45	3 20	22 10	0 15	21 26	0 22	1 59	0 42	17 47	0 9	9 0	17 1	21 51	21 43	25 49	17 5	3 49
M 4	23 17	24 38	1 18	20 26	3 4	20 51	1 23	13 37	3 23	22 11	0 15	21 25	0 22	1 59	0 42	17 47	0 9	9 0	17 1	21 51	21 43	25 49	17 6	3 49
T 5	23 20	25 43	2 20	20 11	3 18	20 36	1 16	13 29	3 26	22 12	0 15	21 24	0 22	2 0	0 42	17 46	0 9	9 0	17 1	21 51	21 42	25 50	17 6	3 50
W 6	23 23	25 38	3 15	19 56	3 32	20 21	1 9	13 21	3 29	22 13	0 15	21 22	0 22	2 0	0 43	17 46	0 9	9 0	17 2	21 50	21 42	25 50	17 7	3 50
T 7	23 25	24 23	4 2	19 43	3 45	20 6	1 1	13 13	3 32	22 14	0 15	21 21	0 22	2 1	0 43	17 45	0 9	9 0	17 2	21 50	21 41	25 50	17 8	3 50
F 8	23 27	22 3	4 38	19 31	3 57	19 51	0 53	13 5	3 35	22 15	0 16	21 20	0 22	2 1	0 43	17 45	0 9	9 0	17 2	21 49	21 41	25 50	17 8	3 50
S 9	23 28	18 45	5 3	19 19	4 7	19 36	0 44	12 57	3 38	22 16	0 16	21 19	0 22	2 1	0 43	17 44	0 9	9 0	17 3	21 49	21 40	25 50	17 9	3 50
S 10	23 29	14 38	5 14	19 9	4 16	19 22	0 36	12 50	3 41	22 17	0 16	21 17	0 22	2 2	0 43	17 44	0 9	9 0	17 3	21 49	21 40	25 50	17 10	3 51
M11	23 29	9 51	5 12	19 1	4 24	19 7	0 27	12 42	3 43	22 18	0 16	21 16	0 22	2 2	0 43	17 43	0 9	9 0	17 3	21 49	21 39	25 51	17 10	3 51
T 12	23 30	4 33	4 54	18 53	4 30	18 52	0 17	12 35	3 46	22 19	0 16	21 15	0 22	2 3	0 43	17 43	0 9	9 0	17 4	21 48	21 39	25 51	17 11	3 51
W13	23 29	1n 4	4 21	18 48	4 34	18 38	0 8	12 27	3 49	22 21	0 16	21 13	0 22	2 3	0 43	17 43	0 9	9 0	17 4	21 49	21 38	25 51	17 12	3 51
T 14	23 29	6 50	3 33	18 43	4 37	18 23	0s 2	12 20	3 52	22 22	0 17	21 12	0 22	2 3	0 43	17 42	0 9	9 0	17 4	21 49	21 38	25 51	17 12	3 51
F 15	23 27	12 28	2 32	18 41	4 39	18 9	0 13	12 13	3 55	22 23	0 17	21 11	0 22	2 4	0 43	17 42	0 9	9 1	17 5	21 49	21 37	25 51	17 13	3 52
S 16	23 26	17 37	1 19	18 40	4 39	17 55	0 23	12 6	3 58	22 24	0 17	21 9	0 22	2 4	0 43	17 41	0 9	9 1	17 5	21 49	21 37	25 51	17 13	3 52
S 17	23 24	21 52	0n 1	18 40	4 38	17 41	0 34	12 0	4 1	22 25	0 17	21 8	0 23	2 4	0 43	17 41	0 9	9 1	17 5	21 49	21 36	25 51	17 14	3 52
M18	23 21	24 44	1 22	18 42	4 35	17 27	0 46	11 53	4 4	22 26	0 17	21 7	0 23	2 4	0 43	17 40	0 9	9 1	17 6	21 49	21 36	25 51	17 15	3 52
T 19	23 19	25 49	2 39	18 46	4 31	17 13	0 57	11 47	4 8	22 28	0 17	21 5	0 23	2 5	0 43	17 39	0 9	9 1	17 6	21 49	21 35	25 51	17 15	3 52
W20	23 15	24 58	3 44	18 51	4 26	17 0	1 9	11 40	4 11	22 29	0 18	21 4	0 23	2 5	0 43	17 39	0 9	9 1	17 6	21 48	21 35	25 52	17 16	3 53
T 21	23 12	22 19	4 33	18 58	4 19	16 47	1 22	11 34	4 14	22 30	0 18	21 2	0 23	2 5	0 43	17 38	0 9	9 2	17 7	21 48	21 34	25 52	17 16	3 53
F 22	23 8	18 13	5 3	19 6	4 12	16 34	1 34	11 28	4 17	22 31	0 18	21 1	0 23	2 5	0 43	17 38	0 9	9 2	17 7	21 47	21 34	25 52	17 17	3 53
S 23	23 3	13 10	5 13	19 15	4 4	16 22	1 47	11 23	4 20	22 32	0 18	21 0	0 23	2 5	0 43	17 37	0 9	9 2	17 7	21 46	21 33	25 52	17 17	3 53
S 24	22 59	7 34	5 3	19 25	3 54	16 10	2 0	11 17	4 23	22 34	0 18	20 58	0 23	2 6	0 43	17 37	0 9	9 2	17 8	21 46	21 33	25 52	17 18	3 54
M25	22 53	1 48	4 37	19 36	3 44	15 58	2 13	11 12	4 26	22 35	0 18	20 57	0 23	2 6	0 43	17 36	0 9	9 2	17 8	21 46	21 32	25 52	17 18	3 54
T 26	22 48	3s53	3 57	19 49	3 33	15 47	2 27	11 7	4 29	22 36	0 18	20 55	0 23	2 6	0 43	17 36	0 9	9 3	17 8	21 46	21 32	25 52	17 19	3 54
W27	22 42	9 15	3 6	20 2	3 22	15 36	2 41	11 2	4 32	22 37	0 19	20 54	0 23	2 6	0 43	17 35	0 9	9 3	17 9	21 46	21 31	25 52	17 19	3 54
T 28	22 35	14 8	2 8	20 15	3 10	15 26	2 54	10 57	4 36	22 38	0 19	20 52	0 23	2 6	0 43	17 35	0 9	9 3	17 9	21 46	21 30	25 52	17 20	3 55
F 29	22 29	18 21	1 5	20 29	2 57	15 16	3 8	10 52	4 39	22 39	0 19	20 51	0 23	2 6	0 43	17 34	0 9	9 3	17 9	21 46	21 30	25 52	17 20	3 55
S 30	22n21	21s45	0n 0	20n43	2s44	15n 7	3s22	10s48	4s42	22s41	0s19	20n49	0n24	2n 6	0s43	17n34	0n 9	9s 4	17s10	21n46	21n29	25s52	17n20	3s55

Julian Day Number = 2303052.5, Delta T = 98.07 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'59, Lahiri = 18°10'59 Julian Calendar 1 June 1593 == Greg. Calendar 11 June 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

JULY 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 15 10	18♋22'26	20♐20	27♊57	7°R25	13♓54	17°R15	28♋58	6♈57	11♎22	17♈17	8°R31	6♊43	13♑49	5♊11	S 1
M 2	19 19 7	19°19'39	2♑ 9	28°58	7♎ 3	14°12	17♑ 7	29° 6	6°R57	11°24	17°17	8♊28	6°40	13°56	5°15	M 2
T 3	19 23 3	20°16'52	13°58	0♌ 4	6°40	14°29	17° 0	29°14	6°57	11°26	17°17	8°24	6°37	14° 3	5°19	T 3
W 4	19 27 0	21°14'05	25°49	1°14	6°14	14°45	16°52	29°21	6°57	11°28	17°17	8°17	6°34	14° 9	5°23	W 4
T 5	19 30 56	22°11'19	7♒43	2°29	5°47	15° 1	16°44	29°29	6°57	11°30	17°17	8°10	6°31	14°16	5°26	T 5
F 6	19 34 53	23° 8'34	19°42	3°49	5°17	15°17	16°37	29°37	6°57	11°32	17°17	8° 1	6°27	14°23	5°30	F 6
S 7	19 38 49	24° 5'49	1♓49	5°13	4°46	15°31	16°29	29°45	6°56	11°35	17°17	7°53	6°24	14°29	5°34	S 7
S 8	19 42 46	25° 3'06	14° 4	6°42	4°14	15°45	16°21	29°52	6°56	11°37	17°R17	7°46	6°21	14°36	5°37	S 8
M 9	19 46 43	26° 0'22	26°30	8°15	3°40	15°59	16°14	0♎ 0	6°56	11°39	17°17	7°41	6°18	14°43	5°41	M 9
T 10	19 50 39	26°57'40	9♈11	9°52	3° 5	16°11	16° 6	0° 8	6°56	11°41	17°17	7°37	6°15	14°49	5°45	T 10
W11	19 54 36	27°54'59	22° 9	11°33	2°29	16°23	15°59	0°16	6°55	11°43	17°17	7°35	6°12	14°56	5°48	W11
T 12	19 58 32	28°52'19	5♉26	13°18	1°52	16°35	15°51	0°23	6°55	11°45	17°17	7°D35	6° 8	15° 3	5°52	T 12
F 13	20 2 29	29°49'40	19° 6	15° 6	1°15	16°45	15°44	0°31	6°54	11°48	17°17	7°36	6° 5	15° 9	5°55	F 13
S 14	20 6 25	0♎47'02	3♊11	16°57	0°38	16°55	15°37	0°39	6°54	11°50	17°17	7°R37	6° 2	15°16	5°58	S 14
S 15	20 10 22	1°44'25	17°40	18°51	0° 0	17° 4	15°30	0°47	6°53	11°52	17°17	7°37	5°59	15°23	6° 2	S 15
M16	20 14 18	2°41'49	2♋29	20°47	29♋23	17°12	15°23	0°54	6°53	11°54	17°17	7°35	5°56	15°30	6° 5	M16
T 17	20 18 15	3°39'15	17°34	22°46	28°47	17°20	15°16	1° 2	6°52	11°56	17°17	7°30	5°53	15°36	6° 8	T 17
W18	20 22 12	4°36'41	2♎46	24°46	28°11	17°26	15° 9	1°10	6°51	11°59	17°16	7°23	5°49	15°43	6°11	W18
T 19	20 26 8	5°34'09	17°55	26°48	27°36	17°32	15° 2	1°18	6°50	12° 1	17°16	7°15	5°46	15°50	6°14	T 19
F 20	20 30 5	6°31'37	2♏49	28°51	27° 2	17°37	14°55	1°25	6°50	12° 3	17°16	7° 6	5°43	15°56	6°17	F 20
S 21	20 34 1	7°29'06	17°22	0♎55	26°30	17°42	14°48	1°33	6°49	12° 5	17°16	6°58	5°40	16° 3	6°20	S 21
S 22	20 37 58	8°26'35	1♐27	2°59	25°59	17°45	14°42	1°41	6°48	12° 7	17°15	6°51	5°37	16°10	6°23	S 22
M23	20 41 54	9°24'06	15° 3	5° 3	25°29	17°48	14°36	1°49	6°47	12°10	17°15	6°46	5°33	16°16	6°26	M23
T 24	20 45 51	10°21'37	28°11	7° 7	25° 2	17°50	14°29	1°56	6°46	12°12	17°15	6°44	5°30	16°23	6°29	T 24
W25	20 49 47	11°19'09	10♏53	9°11	24°36	17°51	14°23	2° 4	6°45	12°14	17°14	6°D43	5°27	16°30	6°32	W25
T 26	20 53 44	12°16'43	23°15	11°15	24°13	17°R51	14°17	2°12	6°44	12°16	17°14	6°43	5°24	16°36	6°35	T 26
F 27	20 57 41	13°14'17	5♐21	13°17	23°51	17°50	14°11	2°19	6°43	12°19	17°14	6°R44	5°21	16°43	6°37	F 27
S 28	21 1 37	14°11'52	17°17	15°19	23°32	17°49	14° 5	2°27	6°41	12°21	17°13	6°43	5°18	16°50	6°40	S 28
S 29	21 5 34	15° 9'28	29° 7	17°19	23°16	17°47	14° 0	2°35	6°40	12°23	17°13	6°41	5°14	16°56	6°42	S 29
M30	21 9 30	16° 7'05	10♑55	19°19	23° 1	17°44	13°54	2°42	6°39	12°25	17°12	6°36	5°11	17° 3	6°45	M30
T 31	21 13 27	17♎ 4'43	22♑45	21♎17	22♋49	17♓40	13♑49	2♎50	6♈38	12♎27	17♈12	6♊29	5♊ 8	17♑10	6♊47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n14	24s12	1s 4	20n58	2s31	14n58	3s37	10s44	4s45	22s42	0s19	20n48	0n24	2n 6	0s43	17n33	0n 9	9s 4	17s10	21n46	21n29	25s52	17n21	3s56
M 2	22 6	25 33	2 5	21 12	2 17	14 50	3 51	10 40	4 48	22 43	0 19	20 46	0 24	2 6	0 43	17 32	0 9	9 4	17 10	21 46	21 28	25 52	17 21	3 56
T 3	21 57	25 45	3 0	21 26	2 4	14 42	4 5	10 36	4 51	22 44	0 19	20 45	0 24	2 6	0 43	17 32	0 9	9 4	17 11	21 45	21 28	25 52	17 22	3 56
W 4	21 49	24 46	3 48	21 40	1 50	14 35	4 19	10 32	4 54	22 45	0 20	20 43	0 24	2 6	0 43	17 31	0 9	9 5	17 11	21 44	21 27	25 52	17 22	3 56
T 5	21 40	22 40	4 26	21 53	1 36	14 28	4 33	10 29	4 58	22 46	0 20	20 42	0 24	2 6	0 43	17 31	0 9	9 5	17 12	21 43	21 27	25 52	17 22	3 57
F 6	21 30	19 33	4 52	22 5	1 22	14 22	4 46	10 26	5 1	22 47	0 20	20 40	0 24	2 6	0 43	17 30	0 9	9 5	17 12	21 42	21 26	25 52	17 23	3 57
S 7	21 20	15 37	5 6	22 16	1 8	14 16	5 0	10 23	5 4	22 48	0 20	20 39	0 24	2 6	0 44	17 30	0 9	9 6	17 12	21 40	21 26	25 52	17 23	3 57
S 8	21 10	10 59	5 6	22 26	0 54	14 11	5 13	10 20	5 7	22 49	0 20	20 37	0 24	2 6	0 44	17 29	0 9	9 6	17 13	21 39	21 25	25 52	17 23	3 58
M 9	21 0	5 51	4 51	22 34	0 40	14 6	5 25	10 18	5 10	22 50	0 20	20 35	0 24	2 5	0 44	17 28	0 9	9 6	17 13	21 38	21 25	25 52	17 24	3 58
T 10	20 49	0 23	4 23	22 41	0 27	14 2	5 37	10 16	5 13	22 51	0 20	20 34	0 24	2 5	0 44	17 28	0 9	9 7	17 13	21 38	21 24	25 52	17 24	3 58
W11	20 37	5n14	3 40	22 46	0 14	13 59	5 49	10 14	5 16	22 52	0 21	20 32	0 24	2 5	0 44	17 27	0 9	9 7	17 14	21 38	21 23	25 52	17 24	3 59
T 12	20 26	10 47	2 44	22 49	0 1	13 56	6 0	10 12	5 19	22 53	0 21	20 31	0 25	2 5	0 44	17 27	0 9	9 7	17 14	21 38	21 23	25 51	17 25	3 59
F 13	20 14	15 58	1 38	22 49	0n11	13 54	6 10	10 11	5 22	22 54	0 21	20 29	0 25	2 5	0 44	17 26	0 9	9 8	17 14	21 38	21 22	25 51	17 25	3 59
S 14	20 2	20 27	0 24	22 47	0 23	13 52	6 20	10 10	5 25	22 55	0 21	20 28	0 25	2 4	0 44	17 25	0 9	9 8	17 15	21 38	21 22	25 51	17 25	3 59
S 15	19 49	23 49	0n54	22 43	0 33	13 51	6 29	10 9	5 28	22 56	0 21	20 26	0 25	2 4	0 44	17 25	0 9	9 9	17 15	21 38	21 21	25 51	17 25	4 0
M16	19 36	25 37	2 9	22 36	0 44	13 50	6 38	10 9	5 31	22 57	0 21	20 24	0 25	2 4	0 44	17 24	0 9	9 9	17 15	21 37	21 21	25 51	17 26	4 0
T 17	19 23	25 36	3 17	22 27	0 53	13 50	6 45	10 8	5 34	22 58	0 21	20 23	0 25	2 4	0 44	17 24	0 9	9 9	17 16	21 37	21 20	25 51	17 26	4 0
W18	19 9	23 40	4 11	22 14	1 2	13 50	6 52	10 8	5 37	22 59	0 21	20 21	0 25	2 3	0 44	17 23	0 9	9 10	17 16	21 36	21 20	25 51	17 26	4 1
T 19	18 55	20 3	4 48	21 59	1 10	13 51	6 59	10 9	5 40	23 0	0 22	20 19	0 25	2 3	0 44	17 22	0 9	9 10	17 16	21 34	21 19	25 51	17 26	4 1
F 20	18 41	15 12	5 4	21 42	1 17	13 52	7 4	10 9	5 43	23 1	0 22	20 18	0 25	2 3	0 44	17 22	0 9	9 10	17 17	21 33	21 18	25 51	17 26	4 1
S 21	18 26	9 36	5 0	21 22	1 24	13 53	7 8	10 10	5 45	23 2	0 22	20 16	0 25	2 2	0 44	17 21	0 9	9 11	17 17	21 31	21 18	25 50	17 27	4 2
S 22	18 12	3 40	4 37	20 59	1 29	13 55	7 12	10 11	5 48	23 3	0 22	20 15	0 25	2 2	0 44	17 21	0 9	9 11	17 17	21 30	21 17	25 50	17 27	4 2
M23	17 56	2s15	4 0	20 34	1 34	13 57	7 15	10 12	5 50	23 3	0 22	20 13	0 26	2 1	0 44	17 20	0 9	9 12	17 18	21 29	21 17	25 50	17 27	4 3
T 24	17 41	7 53	3 11	20 7	1 38	14 0	7 17	10 14	5 53	23 4	0 22	20 11	0 26	2 1	0 44	17 19	0 9	9 12	17 18	21 29	21 16	25 50	17 27	4 3
W25	17 25	13 1	2 13	19 37	1 41	14 3	7 19	10 16	5 55	23 5	0 22	20 10	0 26	2 1	0 44	17 19	0 9	9 13	17 18	21 29	21 16	25 50	17 27	4 3
T 26	17 9	17 29	1 11	19 6	1 43	14 6	7 20	10 18	5 58	23 6	0 22	20 8	0 26	2 0	0 44	17 18	0 9	9 13	17 19	21 29	21 15	25 50	17 27	4 4
F 27	16 53	21 7	0 7	18 33	1 45	14 9	7 20	10 20	6 0	23 6	0 22	20 6	0 26	2 0	0 44	17 17	0 9	9 13	17 19	21 29	21 14	25 49	17 27	4 4
S 28	16 36	23 49	0s56	17 58	1 46	14 13	7 19	10 23	6 2	23 7	0 22	20 5	0 26	1 59	0 44	17 17	0 9	9 14	17 19	21 29	21 14	25 49	17 27	4 4
S 29	16 20	25 26	1 56	17 22	1 46	14 17	7 18	10 25	6 4	23 8	0 23	20 3	0 26	1 59	0 44	17 16	0 9	9 14	17 20	21 28	21 13	25 49	17 27	4 5
M30	16 2	25 53	2 51	16 44	1 46	14 21	7 16	10 28	6 6	23 8	0 23	20 1	0 26	1 58	0 44	17 16	0 9	9 15	17 20	21 28	21 13	25 49	17 28	4 5
T 31	15n45	25s10	3s39	16n 5	1n44	14n25	7s14	10s32	6s 8	23s 9	0s23	20n 0	0n26	1n58	0s44	17n15	0n 9	9s15	17s20	21n26	21n12	25s49	17n28	4s 5

Julian Day Number = 2303082.5, Delta T = 97.95 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'03, Lahiri = 18°11'03 Julian Calendar 1 July 1593 == Greg. Calendar 11 July 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

AUGUST 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 17 23	18♌ 2'23	4♒40	23♌14	22°R39	17°R35	13°R44	2♌58	6°R36	12♌30	17°R11	6°R19	5♊ 5	17♉16	6♊50	W 1
T 2	21 21 20	19° 0'03	16°41	25°10	22♋32	17♓30	13♉39	3° 5	6♈35	12°32	17♈11	6♊ 7	5° 2	17°23	6°52	T 2
F 3	21 25 16	19°57'45	28°51	27° 5	22°27	17°24	13°34	3°13	6°34	12°34	17°10	5°54	4°59	17°30	6°54	F 3
S 4	21 29 13	20°55'29	11♓ 8	28°58	22°25	17°17	13°29	3°20	6°32	12°36	17°10	5°41	4°55	17°36	6°56	S 4
S 5	21 33 10	21°53'13	23°36	0♍49	22°D25	17° 9	13°24	3°28	6°31	12°39	17° 9	5°30	4°52	17°43	6°59	S 5
M 6	21 37 6	22°51'00	6♈14	2°40	22°27	17° 1	13°20	3°35	6°29	12°41	17° 9	5°21	4°49	17°50	7° 1	M 6
T 7	21 41 3	23°48'48	19° 3	4°28	22°31	16°52	13°16	3°43	6°28	12°43	17° 8	5°14	4°46	17°56	7° 3	T 7
W 8	21 44 59	24°46'38	2♉ 6	6°16	22°38	16°42	13°12	3°50	6°26	12°45	17° 7	5°10	4°43	18° 3	7° 5	W 8
T 9	21 48 56	25°44'29	15°24	8° 2	22°47	16°31	13° 8	3°58	6°24	12°47	17° 7	5° 8	4°39	18°10	7° 6	T 9
F 10	21 52 52	26°42'23	29° 0	9°47	22°58	16°20	13° 4	4° 5	6°23	12°49	17° 6	5° 8	4°36	18°17	7° 8	F 10
S 11	21 56 49	27°40'18	12♊55	11°31	23°11	16° 8	13° 0	4°12	6°21	12°52	17° 5	5° 8	4°33	18°23	7°10	S 11
S 12	22 0 45	28°38'15	27° 9	13°13	23°26	15°56	12°57	4°20	6°19	12°54	17° 5	5° 7	4°30	18°30	7°12	S 12
M13	22 4 42	29°36'14	11♋42	14°54	23°44	15°43	12°54	4°27	6°17	12°56	17° 4	5° 4	4°27	18°37	7°13	M13
T 14	22 8 39	0♍34'15	26°29	16°33	24° 3	15°29	12°51	4°34	6°16	12°58	17° 3	4°58	4°24	18°43	7°15	T 14
W15	22 12 35	1°32'18	11♌25	18°12	24°24	15°15	12°48	4°41	6°14	13° 0	17° 2	4°49	4°20	18°50	7°16	W15
T 16	22 16 32	2°30'23	26°21	19°49	24°46	15° 1	12°45	4°49	6°12	13° 2	17° 2	4°38	4°17	18°57	7°18	T 16
F 17	22 20 28	3°28'29	11♍ 7	21°25	25°11	14°46	12°43	4°56	6°10	13° 4	17° 1	4°27	4°14	19° 3	7°19	F 17
S 18	22 24 25	4°26'36	25°37	22°59	25°37	14°30	12°40	5° 3	6° 8	13° 7	17° 0	4°16	4°11	19°10	7°20	S 18
S 19	22 28 21	5°24'46	9♎42	24°33	26° 4	14°15	12°38	5°10	6° 6	13° 9	16°59	4° 6	4° 8	19°17	7°21	S 19
M20	22 32 18	6°22'57	23°19	26° 5	26°33	13°59	12°36	5°17	6° 4	13°11	16°59	3°59	4° 5	19°23	7°23	M20
T 21	22 36 14	7°21'09	6♏30	27°36	27° 4	13°42	12°34	5°24	6° 2	13°13	16°58	3°55	4° 1	19°30	7°24	T 21
W22	22 40 11	8°19'23	19°15	29° 5	27°36	13°26	12°33	5°31	6° 0	13°15	16°57	3°53	3°58	19°37	7°25	W22
T 23	22 44 7	9°17'39	1♐38	0♎34	28° 9	13°10	12°32	5°38	5°58	13°17	16°56	3°52	3°55	19°43	7°26	T 23
F 24	22 48 4	10°15'56	13°45	2° 1	28°44	12°53	12°30	5°45	5°56	13°19	16°55	3°52	3°52	19°50	7°26	F 24
S 25	22 52 1	11°14'14	25°41	3°27	29°20	12°36	12°29	5°52	5°54	13°21	16°54	3°52	3°49	19°57	7°27	S 25
S 26	22 55 57	12°12'35	7♑31	4°51	29°57	12°20	12°29	5°58	5°52	13°23	16°53	3°49	3°45	20° 3	7°28	S 26
M27	22 59 54	13°10'57	19°21	6°15	0♌36	12° 3	12°28	6° 5	5°49	13°25	16°52	3°45	3°42	20°10	7°28	M27
T 28	23 3 50	14° 9'20	1♒14	7°37	1°16	11°47	12°28	6°12	5°47	13°27	16°51	3°37	3°39	20°17	7°29	T 28
W29	23 7 47	15° 7'45	13°14	8°57	1°56	11°30	12°27	6°19	5°45	13°29	16°51	3°27	3°36	20°24	7°30	W29
T 30	23 11 43	16° 6'12	25°23	10°16	2°38	11°14	12°D27	6°25	5°43	13°31	16°50	3°15	3°33	20°30	7°30	T 30
F 31	23 15 40	17♍ 4'41	7♓44	11♎34	3♌21	10♓58	12♑28	6♌32	5♈41	13♌33	16♈49	3♊ 2	3♊30	20♑37	7♊30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n27	23s18	4s17	15n25	1n43	14n30	7s11	10s35	6s10	23s10	0s23	19n58	0n26	1n57	0s44	17n14	0n 9	9s16	17s21	21n25	21n12	25s48	17n28	4s 6
T 2	15 10	20 23	4 44	14 44	1 41	14 34	7 8	10 39	6 12	23 10	0 23	19 56	0 26	1 57	0 44	17 14	0 9	9 16	17 21	21 23	21 11	25 48	17 28	4 6
F 3	14 52	16 34	4 59	14 3	1 38	14 38	7 4	10 43	6 13	23 11	0 23	19 55	0 27	1 56	0 44	17 13	0 9	9 17	17 21	21 20	21 11	25 48	17 28	4 7
S 4	14 33	12 1	4 59	13 20	1 35	14 43	7 0	10 47	6 15	23 12	0 23	19 53	0 27	1 55	0 44	17 13	0 9	9 17	17 22	21 18	21 10	25 48	17 28	4 7
S 5	14 15	6 55	4 46	12 37	1 31	14 48	6 55	10 51	6 16	23 12	0 23	19 51	0 27	1 55	0 44	17 12	0 9	9 18	17 22	21 16	21 9	25 47	17 28	4 7
M 6	13 56	1 29	4 19	11 54	1 27	14 52	6 50	10 55	6 17	23 13	0 23	19 50	0 27	1 54	0 44	17 11	0 9	9 18	17 22	21 14	21 9	25 47	17 27	4 8
T 7	13 37	4n 7	3 38	11 10	1 22	14 57	6 45	11 0	6 18	23 13	0 23	19 48	0 27	1 53	0 44	17 11	0 9	9 19	17 23	21 13	21 8	25 47	17 27	4 8
W 8	13 18	9 39	2 45	10 26	1 17	15 1	6 40	11 4	6 19	23 14	0 23	19 47	0 27	1 53	0 44	17 10	0 9	9 19	17 23	21 13	21 8	25 47	17 27	4 8
T 9	12 58	14 52	1 42	9 41	1 12	15 5	6 34	11 9	6 20	23 14	0 24	19 45	0 27	1 52	0 44	17 10	0 9	9 20	17 23	21 12	21 7	25 46	17 27	4 9
F 10	12 38	19 27	0 32	8 57	1 6	15 10	6 28	11 14	6 20	23 14	0 24	19 43	0 27	1 51	0 44	17 9	0 9	9 20	17 23	21 12	21 6	25 46	17 27	4 9
S 11	12 19	23 5	0n41	8 12	1 0	15 14	6 21	11 19	6 21	23 15	0 24	19 42	0 27	1 51	0 44	17 8	0 9	9 21	17 24	21 12	21 6	25 46	17 27	4 10
S 12	11 58	25 21	1 54	7 27	0 54	15 18	6 15	11 24	6 21	23 15	0 24	19 40	0 27	1 50	0 44	17 8	0 9	9 21	17 24	21 12	21 5	25 45	17 27	4 10
M13	11 38	25 58	3 0	6 42	0 48	15 21	6 8	11 29	6 21	23 16	0 24	19 38	0 28	1 49	0 44	17 7	0 9	9 22	17 24	21 11	21 5	25 45	17 27	4 10
T 14	11 18	24 46	3 56	5 57	0 41	15 25	6 1	11 34	6 21	23 16	0 24	19 37	0 28	1 49	0 45	17 7	0 9	9 22	17 24	21 10	21 4	25 45	17 27	4 11
W15	10 57	21 49	4 36	5 12	0 34	15 28	5 54	11 40	6 20	23 16	0 24	19 35	0 28	1 48	0 45	17 6	0 9	9 23	17 25	21 9	21 4	25 44	17 27	4 11
T 16	10 36	17 25	4 57	4 28	0 27	15 31	5 47	11 45	6 20	23 17	0 24	19 33	0 28	1 47	0 45	17 5	0 9	9 23	17 25	21 7	21 3	25 44	17 26	4 12
F 17	10 15	12 0	4 58	3 43	0 20	15 34	5 40	11 50	6 19	23 17	0 24	19 32	0 28	1 46	0 45	17 5	0 9	9 24	17 25	21 5	21 2	25 44	17 26	4 12
S 18	9 54	6 2	4 40	2 59	0 13	15 37	5 33	11 55	6 18	23 17	0 24	19 30	0 28	1 46	0 45	17 4	0 9	9 24	17 25	21 3	21 2	25 43	17 26	4 12
S 19	9 33	0s 6	4 5	2 15	0 5	15 39	5 25	12 1	6 17	23 18	0 24	19 29	0 28	1 45	0 45	17 4	0 9	9 25	17 26	21 1	21 1	25 43	17 26	4 13
M20	9 11	6 2	3 17	1 31	0s 3	15 41	5 18	12 6	6 16	23 18	0 24	19 27	0 28	1 44	0 45	17 3	0 9	9 25	17 26	21 0	21 1	25 43	17 26	4 13
T 21	8 50	11 31	2 19	0 48	0 10	15 43	5 10	12 11	6 15	23 18	0 24	19 25	0 28	1 43	0 45	17 2	0 9	9 26	17 26	20 59	21 0	25 42	17 25	4 14
W22	8 28	16 21	1 17	0 5	0 18	15 44	5 3	12 16	6 13	23 18	0 24	19 24	0 29	1 42	0 45	17 2	0 9	9 26	17 26	20 58	20 59	25 42	17 25	4 14
T 23	8 6	20 20	0 12	0s38	0 26	15 45	4 55	12 20	6 11	23 18	0 24	19 22	0 29	1 41	0 45	17 1	0 9	9 27	17 27	20 58	20 59	25 42	17 25	4 14
F 24	7 44	23 22	0s52	1 20	0 34	15 46	4 47	12 25	6 9	23 19	0 25	19 21	0 29	1 41	0 45	17 1	0 9	9 27	17 27	20 58	20 58	25 41	17 25	4 15
S 25	7 22	25 18	1 53	2 1	0 43	15 46	4 40	12 30	6 7	23 19	0 25	19 19	0 29	1 40	0 45	17 0	0 9	9 28	17 27	20 58	20 58	25 41	17 24	4 15
S 26	7 0	26 5	2 48	2 43	0 51	15 46	4 32	12 34	6 5	23 19	0 25	19 17	0 29	1 39	0 45	17 0	0 9	9 28	17 27	20 58	20 57	25 40	17 24	4 16
M27	6 37	25 39	3 36	3 23	0 59	15 46	4 24	12 38	6 3	23 19	0 25	19 16	0 29	1 38	0 45	16 59	0 9	9 29	17 27	20 57	20 56	25 40	17 24	4 16
T 28	6 15	24 4	4 15	4 3	1 7	15 45	4 17	12 42	6 0	23 19	0 25	19 14	0 29	1 37	0 45	16 58	0 9	9 30	17 28	20 55	20 56	25 40	17 23	4 17
W29	5 52	21 23	4 42	4 43	1 15	15 44	4 9	12 46	5 57	23 19	0 25	19 13	0 29	1 36	0 45	16 58	0 10	9 30	17 28	20 54	20 55	25 39	17 23	4 17
T 30	5 30	17 45	4 58	5 21	1 24	15 42	4 1	12 49	5 54	23 19	0 25	19 11	0 29	1 35	0 45	16 57	0 10	9 31	17 28	20 51	20 55	25 39	17 23	4 17
F 31	5n 7	13s19	5s 0	5s59	1s32	15n40	3s53	12s52	5s51	23s19	0s25	19n10	0n30	1n35	0s45	16n57	0n10	9s31	17s28	20n49	20n54	25s38	17n22	4s18

Julian Day Number = 2303113.5, Delta T = 97.82 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'07, Lahiri = 18°11'08 Julian Calendar 1 Aug. 1593 == Greg. Calendar 11 Aug. 1593

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1593
geocentric

SEPTEMBER 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 19 36	18♍ 3'11	20♓17	12♎50	4♌ 5	10°R43	12♑28	6♌38	5°R38	13♌35	16°R48	2°R50	3♊26	20♑44	7♊31	S 1
S 2	23 23 33	19° 1'44	3♈ 2	14° 5	4°50	10♓28	12°29	6°45	5♈36	13°37	16♈47	2♊38	3°23	20°50	7°31	S 2
M 3	23 27 30	20° 0'18	15°58	15°18	5°35	10°13	12°29	6°51	5°34	13°39	16°46	2°28	3°20	20°57	7°31	M 3
T 4	23 31 26	20°58'55	29° 6	16°29	6°22	9°58	12°30	6°57	5°31	13°40	16°45	2°22	3°17	21° 4	7°R31	T 4
W 5	23 35 23	21°57'33	12♉24	17°38	7°10	9°44	12°31	7° 4	5°29	13°42	16°44	2°18	3°14	21°10	7°31	W 5
T 6	23 39 19	22°56'14	25°53	18°46	7°58	9°31	12°33	7°10	5°27	13°44	16°43	2°16	3°10	21°17	7°31	T 6
F 7	23 43 16	23°54'58	9♊34	19°51	8°47	9°17	12°34	7°16	5°24	13°46	16°42	2°D16	3° 7	21°24	7°31	F 7
S 8	23 47 12	24°53'43	23°27	20°54	9°37	9° 5	12°36	7°22	5°22	13°48	16°40	2°R16	3° 4	21°30	7°30	S 8
S 9	23 51 9	25°52'31	7♋32	21°55	10°28	8°53	12°38	7°28	5°20	13°49	16°39	2°16	3° 1	21°37	7°30	S 9
M10	23 55 5	26°51'22	21°49	22°53	11°19	8°41	12°40	7°34	5°17	13°51	16°38	2°14	2°58	21°44	7°30	M10
T 11	23 59 2	27°50'14	6♌15	23°49	12°11	8°31	12°42	7°40	5°15	13°53	16°37	2° 9	2°55	21°50	7°29	T 11
W12	0 2 59	28°49'09	20°47	24°41	13° 4	8°21	12°45	7°46	5°12	13°55	16°36	2° 2	2°51	21°57	7°29	W12
T 13	0 6 55	29°48'06	5♍18	25°31	13°58	8°11	12°48	7°52	5°10	13°56	16°35	1°53	2°48	22° 4	7°28	T 13
F 14	0 10 52	0♎47'05	19°43	26°17	14°52	8° 2	12°50	7°57	5° 8	13°58	16°34	1°43	2°45	22°11	7°28	F 14
S 15	0 14 48	1°46'06	3♎55	26°59	15°46	7°54	12°53	8° 3	5° 5	14° 0	16°33	1°33	2°42	22°17	7°27	S 15
S 16	0 18 45	2°45'10	17°48	27°37	16°42	7°47	12°57	8° 9	5° 3	14° 1	16°32	1°25	2°39	22°24	7°26	S 16
M17	0 22 41	3°44'15	1♏18	28°10	17°38	7°41	13° 0	8°14	5° 0	14° 3	16°31	1°19	2°36	22°31	7°25	M17
T 18	0 26 38	4°43'22	14°26	28°39	18°34	7°35	13° 4	8°19	4°58	14° 4	16°30	1°15	2°32	22°37	7°24	T 18
W19	0 30 34	5°42'31	27°10	29° 2	19°31	7°30	13° 7	8°25	4°55	14° 6	16°28	1°D13	2°29	22°44	7°23	W19
T 20	0 34 31	6°41'42	9♐34	29°20	20°28	7°26	13°11	8°30	4°53	14° 7	16°27	1°14	2°26	22°51	7°22	T 20
F 21	0 38 28	7°40'55	21°43	29°31	21°26	7°23	13°16	8°35	4°51	14° 9	16°26	1°15	2°23	22°57	7°21	F 21
S 22	0 42 24	8°40'10	3♑40	29°R36	22°25	7°20	13°20	8°40	4°48	14°10	16°25	1°R16	2°20	23° 4	7°20	S 22
S 23	0 46 21	9°39'26	15°32	29°33	23°23	7°19	13°24	8°46	4°46	14°12	16°24	1°15	2°16	23°11	7°18	S 23
M24	0 50 17	10°38'44	27°23	29°23	24°23	7°18	13°29	8°51	4°43	14°13	16°23	1°14	2°13	23°17	7°17	M24
T 25	0 54 14	11°38'04	9♒18	29° 5	25°23	7°D18	13°34	8°55	4°41	14°15	16°22	1°10	2°10	23°24	7°15	T 25
W26	0 58 10	12°37'26	21°22	28°39	26°23	7°18	13°39	9° 0	4°39	14°16	16°20	1° 4	2° 7	23°31	7°14	W26
T 27	1 2 7	13°36'50	3♓37	28° 5	27°23	7°20	13°44	9° 5	4°36	14°17	16°19	0°57	2° 4	23°38	7°12	T 27
F 28	1 6 3	14°36'15	16° 8	27°22	28°24	7°22	13°50	9°10	4°34	14°19	16°18	0°48	2° 1	23°44	7°11	F 28
S 29	1 10 0	15°35'43	28°54	26°31	29°26	7°25	13°55	9°14	4°31	14°20	16°17	0°40	1°57	23°51	7° 9	S 29
S 30	1 13 57	16♎35'12	11♈57	25♎33	0♍28	7♓29	14♑ 1	9♌19	4♈29	14♌21	16♈16	0♊32	1♊54	23♑58	7♊ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n44	8s15	4s47	6s37	1s40	15n37	3s46	12s55	5s48	23s19	0s25	19n 8	0n30	1n34	0s45	16n56	0n10	9s32	17s28	20n46	20n53	25s38	17n22	4s18
S 2	4 21	2 46	4 20	7 13	1 48	15 34	3 38	12 58	5 44	23 19	0 25	19 7	0 30	1 33	0 45	16 56	0 10	9 32	17 29	20 44	20 53	25 37	17 22	4 19
M 3	3 58	2n55	3 39	7 49	1 56	15 31	3 31	13 0	5 41	23 19	0 25	19 5	0 30	1 32	0 45	16 55	0 10	9 33	17 29	20 42	20 52	25 37	17 21	4 19
T 4	3 35	8 35	2 46	8 24	2 4	15 27	3 23	13 2	5 37	23 19	0 25	19 4	0 30	1 31	0 45	16 55	0 10	9 33	17 29	20 41	20 52	25 36	17 21	4 19
W 5	3 12	13 57	1 43	8 58	2 11	15 22	3 15	13 4	5 33	23 19	0 25	19 2	0 30	1 30	0 45	16 54	0 10	9 34	17 29	20 40	20 51	25 36	17 20	4 20
T 6	2 49	18 43	0 34	9 30	2 19	15 17	3 8	13 6	5 29	23 19	0 25	19 1	0 30	1 29	0 45	16 54	0 10	9 34	17 29	20 40	20 50	25 36	17 20	4 20
F 7	2 25	22 34	0n39	10 2	2 26	15 12	3 0	13 7	5 25	23 19	0 25	18 59	0 30	1 28	0 45	16 53	0 10	9 35	17 29	20 40	20 50	25 35	17 19	4 21
S 8	2 2	25 10	1 50	10 33	2 34	15 6	2 53	13 8	5 21	23 19	0 25	18 58	0 31	1 27	0 45	16 53	0 10	9 35	17 30	20 40	20 49	25 35	17 19	4 21
S 9	1 39	26 12	2 56	11 2	2 41	15 0	2 46	13 9	5 17	23 19	0 25	18 56	0 31	1 26	0 45	16 52	0 10	9 36	17 30	20 40	20 49	25 34	17 19	4 22
M10	1 15	25 32	3 52	11 30	2 47	14 53	2 38	13 9	5 12	23 19	0 25	18 55	0 31	1 25	0 45	16 52	0 10	9 36	17 30	20 39	20 48	25 34	17 18	4 22
T 11	0 52	23 10	4 33	11 57	2 54	14 46	2 31	13 9	5 8	23 18	0 25	18 54	0 31	1 24	0 45	16 51	0 10	9 37	17 30	20 38	20 47	25 33	17 18	4 22
W12	0 28	19 18	4 58	12 22	3 0	14 38	2 24	13 9	5 4	23 18	0 25	18 52	0 31	1 23	0 45	16 51	0 10	9 37	17 30	20 37	20 47	25 32	17 17	4 23
T 13	0 5	14 17	5 3	12 46	3 6	14 30	2 17	13 8	4 59	23 18	0 25	18 51	0 31	1 22	0 45	16 50	0 10	9 38	17 30	20 35	20 46	25 32	17 17	4 23
F 14	0s19	8 30	4 49	13 8	3 11	14 21	2 10	13 7	4 54	23 18	0 26	18 50	0 31	1 21	0 45	16 50	0 10	9 38	17 30	20 33	20 45	25 31	17 16	4 24
S 15	0 42	2 22	4 17	13 28	3 16	14 11	2 3	13 6	4 50	23 17	0 26	18 48	0 31	1 20	0 45	16 49	0 10	9 39	17 30	20 31	20 45	25 31	17 16	4 24
S 16	1 6	3s45	3 30	13 46	3 20	14 2	1 56	13 4	4 45	23 17	0 26	18 47	0 32	1 19	0 45	16 49	0 10	9 39	17 30	20 29	20 44	25 30	17 15	4 24
M17	1 29	9 34	2 33	14 1	3 24	13 51	1 49	13 2	4 40	23 17	0 26	18 46	0 32	1 18	0 45	16 48	0 10	9 40	17 30	20 28	20 44	25 30	17 15	4 25
T 18	1 53	14 47	1 29	14 14	3 27	13 41	1 42	13 0	4 36	23 17	0 26	18 44	0 32	1 18	0 45	16 48	0 10	9 40	17 31	20 27	20 43	25 29	17 14	4 25
W19	2 16	19 13	0 22	14 25	3 29	13 29	1 35	12 57	4 31	23 16	0 26	18 43	0 32	1 17	0 45	16 48	0 10	9 41	17 31	20 27	20 42	25 29	17 13	4 26
T 20	2 40	22 40	0s45	14 32	3 31	13 18	1 29	12 54	4 26	23 16	0 26	18 42	0 32	1 16	0 45	16 47	0 10	9 41	17 31	20 27	20 42	25 28	17 13	4 26
F 21	3 3	25 2	1 48	14 37	3 31	13 5	1 22	12 51	4 21	23 16	0 26	18 41	0 32	1 15	0 45	16 47	0 10	9 42	17 31	20 27	20 41	25 27	17 12	4 26
S 22	3 27	26 12	2 45	14 38	3 31	12 53	1 16	12 48	4 16	23 15	0 26	18 39	0 32	1 14	0 45	16 46	0 10	9 42	17 31	20 28	20 40	25 27	17 12	4 27
S 23	3 50	26 9	3 35	14 36	3 29	12 40	1 9	12 44	4 11	23 15	0 26	18 38	0 33	1 13	0 45	16 46	0 10	9 43	17 31	20 28	20 40	25 26	17 11	4 27
M24	4 13	24 55	4 16	14 29	3 26	12 26	1 3	12 40	4 7	23 14	0 26	18 37	0 33	1 12	0 45	16 45	0 10	9 43	17 31	20 27	20 39	25 26	17 10	4 28
T 25	4 37	22 33	4 46	14 18	3 21	12 12	0 57	12 35	4 2	23 14	0 26	18 36	0 33	1 11	0 45	16 45	0 10	9 43	17 31	20 26	20 39	25 25	17 10	4 28
W26	5 0	19 11	5 3	14 3	3 15	11 57	0 51	12 31	3 57	23 13	0 26	18 35	0 33	1 10	0 45	16 45	0 10	9 44	17 31	20 25	20 38	25 24	17 9	4 28
T 27	5 23	14 58	5 7	13 43	3 7	11 42	0 45	12 26	3 52	23 13	0 26	18 34	0 33	1 9	0 45	16 44	0 10	9 44	17 31	20 24	20 37	25 24	17 9	4 29
F 28	5 46	10 2	4 57	13 19	2 57	11 27	0 39	12 20	3 47	23 12	0 26	18 32	0 33	1 8	0 45	16 44	0 10	9 45	17 31	20 22	20 37	25 23	17 8	4 29
S 29	6 9	4 35	4 31	12 50	2 46	11 11	0 33	12 15	3 43	23 12	0 26	18 31	0 33	1 7	0 45	16 44	0 10	9 45	17 31	20 20	20 36	25 22	17 7	4 30
S 30	6s32	1n11	3s52	12s16	2s33	10n55	0s27	12s 9	3s38	23s11	0s26	18n30	0n34	1n 6	0s45	16n43	0n10	9s46	17s31	20n19	20n35	25s22	17n 7	4s30

Julian Day Number = 2303144.5, Delta T = 97.69 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'11, Lahiri = 18°11'12 Julian Calendar 1 Sept. 1593 == Greg. Calendar 11 Sept. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

OCTOBER 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 17 53	17♎34'43	25♈14	24°R29	1♍30	7♓34	14♑ 7	9♌23	4°R27	14♌22	16°R15	0°R26	1♊51	24♑ 4	7°R 5	M 1
T 2	1 21 50	18°34'17	8♉46	23♎19	2°32	7°39	14°13	9°27	4♈24	14°24	16♈14	0♊22	1°48	24°11	7♊ 3	T 2
W 3	1 25 46	19°33'53	22°28	22° 6	3°35	7°45	14°19	9°32	4°22	14°25	16°12	0°20	1°45	24°18	7° 2	W 3
T 4	1 29 43	20°33'31	6♊20	20°52	4°38	7°52	14°25	9°36	4°20	14°26	16°11	0°D20	1°42	24°24	6°59	T 4
F 5	1 33 39	21°33'11	20°18	19°38	5°42	8° 0	14°32	9°40	4°17	14°27	16°10	0°21	1°38	24°31	6°57	F 5
S 6	1 37 36	22°32'53	4♋22	18°27	6°46	8° 8	14°38	9°44	4°15	14°28	16° 9	0°23	1°35	24°38	6°55	S 6
S 7	1 41 32	23°32'38	18°30	17°21	7°50	8°17	14°45	9°48	4°13	14°29	16° 8	0°R24	1°32	24°44	6°53	S 7
M 8	1 45 29	24°32'25	2♌40	16°22	8°55	8°27	14°52	9°51	4°11	14°30	16° 7	0°24	1°29	24°51	6°51	M 8
T 9	1 49 26	25°32'15	16°50	15°31	9°59	8°37	14°59	9°55	4° 8	14°31	16° 6	0°22	1°26	24°58	6°48	T 9
W10	1 53 22	26°32'07	0♍59	14°51	11° 4	8°48	15° 7	9°59	4° 6	14°32	16° 4	0°19	1°22	25° 5	6°46	W10
T 11	1 57 19	27°32'00	15° 4	14°21	12°10	9° 0	15°14	10° 2	4° 4	14°33	16° 3	0°14	1°19	25°11	6°44	T 11
F 12	2 1 15	28°31'56	29° 0	14° 3	13°15	9°12	15°22	10° 6	4° 2	14°34	16° 2	0° 9	1°16	25°18	6°41	F 12
S 13	2 5 12	29°31'54	12♎45	13°D57	14°21	9°25	15°29	10° 9	4° 0	14°35	16° 1	0° 4	1°13	25°25	6°39	S 13
S 14	2 9 8	0♏31'55	26°15	14° 1	15°28	9°39	15°37	10°12	3°58	14°35	16° 0	29♉59	1°10	25°31	6°36	S 14
M15	2 13 5	1°31'57	9♏29	14°17	16°34	9°53	15°45	10°15	3°56	14°36	15°59	29°57	1° 7	25°38	6°33	M15
T 16	2 17 1	2°32'01	22°24	14°42	17°41	10° 8	15°53	10°18	3°54	14°37	15°58	29°55	1° 3	25°45	6°31	T 16
W17	2 20 58	3°32'06	5♐ 2	15°17	18°48	10°24	16° 2	10°21	3°52	14°38	15°57	29°D55	1° 0	25°51	6°28	W17
T 18	2 24 54	4°32'14	17°24	16° 1	19°55	10°40	16°10	10°24	3°50	14°38	15°56	29°56	0°57	25°58	6°25	T 18
F 19	2 28 51	5°32'23	29°31	16°52	21° 2	10°57	16°19	10°27	3°48	14°39	15°54	29°58	0°54	26° 5	6°22	F 19
S 20	2 32 48	6°32'34	11♑29	17°50	22°10	11°14	16°27	10°29	3°46	14°40	15°53	29°59	0°51	26°12	6°19	S 20
S 21	2 36 44	7°32'47	23°21	18°53	23°17	11°32	16°36	10°32	3°44	14°40	15°52	0♊ 1	0°48	26°18	6°16	S 21
M22	2 40 41	8°33'01	5♒12	20° 2	24°25	11°50	16°45	10°34	3°42	14°41	15°51	0°R 2	0°44	26°25	6°13	M22
T 23	2 44 37	9°33'16	17° 7	21°16	25°33	12° 9	16°54	10°36	3°40	14°41	15°50	0° 2	0°41	26°32	6°10	T 23
W24	2 48 34	10°33'33	29°11	22°33	26°42	12°29	17° 4	10°39	3°38	14°42	15°49	0° 0	0°38	26°38	6° 7	W24
T 25	2 52 30	11°33'52	11♓27	23°54	27°50	12°49	17°13	10°41	3°37	14°42	15°48	29♉58	0°35	26°45	6° 4	T 25
F 26	2 56 27	12°34'11	24° 1	25°17	28°59	13° 9	17°22	10°43	3°35	14°43	15°47	29°56	0°32	26°52	6° 1	F 26
S 27	3 0 23	13°34'33	6♈54	26°42	0♎ 8	13°30	17°32	10°44	3°33	14°43	15°46	29°54	0°28	26°58	5°58	S 27
S 28	3 4 20	14°34'56	20° 8	28°10	1°17	13°51	17°42	10°46	3°31	14°44	15°45	29°51	0°25	27° 5	5°55	S 28
M29	3 8 17	15°35'20	3♉43	29°39	2°26	14°13	17°51	10°48	3°30	14°44	15°44	29°49	0°22	27°12	5°51	M29
T 30	3 12 13	16°35'46	17°37	1♏ 9	3°36	14°35	18° 1	10°49	3°28	14°44	15°43	29°48	0°19	27°19	5°48	T 30
W31	3 16 10	17♏36'14	1♊46	2♏40	4♎45	14♓58	18♑12	10♌51	3♈27	14♌44	15♈42	29°D48	0♊16	27♑25	5♊45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	6s55	7n 1	2s58	11s38	2s17	10n38	0s21	12s 3	3s33	23s11	0s26	18n29	0n34	1n 5	0s45	16n43	0n10	9s46	17s31	20n17	20n35	25s21	17n 6	4s30	M 1
T 2	7 18	12 39	1 54	10 57	2 1	10 21	0 16	11 56	3 28	23 10	0 26	18 28	0 34	1 4	0 45	16 43	0 10	9 46	17 31	20 16	20 34	25 20	17 5	4 31	T 2
W 3	7 40	17 45	0 43	10 12	1 42	10 3	0 10	11 50	3 24	23 9	0 26	18 27	0 34	1 3	0 45	16 42	0 10	9 47	17 31	20 16	20 33	25 20	17 5	4 31	W 3
T 4	8 3	21 57	0n33	9 26	1 23	9 45	0 5	11 43	3 19	23 9	0 26	18 26	0 34	1 3	0 45	16 42	0 10	9 47	17 31	20 16	20 33	25 19	17 4	4 31	T 4
F 5	8 25	24 54	1 46	8 40	1 3	9 27	0n 0	11 36	3 15	23 8	0 26	18 25	0 34	1 2	0 45	16 42	0 10	9 48	17 31	20 16	20 32	25 18	17 3	4 32	F 5
S 6	8 48	26 20	2 54	7 54	0 42	9 8	0 6	11 29	3 10	23 7	0 26	18 24	0 34	1 1	0 45	16 41	0 10	9 48	17 31	20 17	20 32	25 18	17 3	4 32	S 6
S 7	9 10	26 3	3 52	7 9	0 21	8 49	0 11	11 21	3 6	23 7	0 26	18 24	0 35	1 0	0 45	16 41	0 10	9 48	17 31	20 17	20 31	25 17	17 2	4 32	S 7
M 8	9 32	24 5	4 36	6 28	0 1	8 29	0 16	11 13	3 1	23 6	0 26	18 23	0 35	0 59	0 45	16 41	0 10	9 49	17 31	20 17	20 30	25 16	17 1	4 33	M 8
T 9	9 54	20 38	5 3	5 51	0n18	8 10	0 21	11 5	2 57	23 5	0 26	18 22	0 35	0 58	0 45	16 41	0 10	9 49	17 31	20 16	20 30	25 15	17 0	4 33	T 9
W10	10 16	16 0	5 12	5 18	0 37	7 49	0 25	10 57	2 53	23 4	0 26	18 21	0 35	0 57	0 45	16 40	0 10	9 50	17 30	20 16	20 29	25 15	17 0	4 33	W10
T 11	10 37	10 31	5 1	4 51	0 53	7 29	0 30	10 49	2 48	23 4	0 26	18 20	0 35	0 56	0 45	16 40	0 10	9 50	17 30	20 15	20 28	25 14	16 59	4 34	T 11
F 12	10 59	4 34	4 33	4 30	1 9	7 8	0 35	10 40	2 44	23 3	0 26	18 19	0 35	0 56	0 44	16 40	0 10	9 50	17 30	20 14	20 28	25 13	16 58	4 34	F 12
S 13	11 20	1s31	3 50	4 15	1 22	6 46	0 39	10 31	2 40	23 2	0 27	18 19	0 36	0 55	0 44	16 40	0 10	9 51	17 30	20 13	20 27	25 13	16 57	4 34	S 13
S 14	11 41	7 27	2 54	4 6	1 34	6 25	0 44	10 22	2 36	23 1	0 27	18 18	0 36	0 54	0 44	16 39	0 10	9 51	17 30	20 12	20 26	25 12	16 57	4 35	S 14
M15	12 2	12 57	1 50	4 2	1 44	6 3	0 48	10 13	2 32	23 0	0 27	18 17	0 36	0 53	0 44	16 39	0 10	9 51	17 30	20 11	20 26	25 11	16 56	4 35	M15
T 16	12 23	17 45	0 41	4 4	1 53	5 41	0 52	10 4	2 28	22 59	0 27	18 17	0 36	0 52	0 44	16 39	0 10	9 51	17 30	20 11	20 25	25 10	16 55	4 35	T 16
W17	12 43	21 39	0s28	4 12	2 0	5 18	0 56	9 54	2 24	22 58	0 27	18 16	0 36	0 52	0 44	16 39	0 10	9 52	17 30	20 11	20 24	25 9	16 54	4 36	W17
T 18	13 4	24 28	1 35	4 23	2 5	4 55	1 0	9 44	2 20	22 57	0 27	18 15	0 36	0 51	0 44	16 38	0 10	9 52	17 30	20 11	20 24	25 9	16 54	4 36	T 18
F 19	13 24	26 5	2 36	4 39	2 9	4 32	1 4	9 34	2 16	22 56	0 27	18 15	0 36	0 50	0 44	16 38	0 10	9 52	17 30	20 11	20 23	25 8	16 53	4 36	F 19
S 20	13 44	26 28	3 29	4 59	2 12	4 9	1 7	9 24	2 12	22 55	0 27	18 14	0 37	0 49	0 44	16 38	0 10	9 53	17 29	20 12	20 22	25 7	16 52	4 37	S 20
S 21	14 4	25 37	4 13	5 22	2 13	3 45	1 11	9 14	2 9	22 54	0 27	18 14	0 37	0 49	0 44	16 38	0 10	9 53	17 29	20 12	20 22	25 6	16 51	4 37	S 21
M22	14 23	23 38	4 46	5 48	2 13	3 22	1 14	9 4	2 5	22 53	0 27	18 13	0 37	0 48	0 44	16 38	0 10	9 53	17 29	20 12	20 21	25 5	16 51	4 37	M22
T 23	14 42	20 37	5 7	6 16	2 13	2 58	1 18	8 53	2 1	22 52	0 27	18 13	0 37	0 47	0 44	16 38	0 10	9 53	17 29	20 12	20 20	25 5	16 50	4 37	T 23
W24	15 1	16 42	5 15	6 46	2 11	2 33	1 21	8 42	1 58	22 51	0 27	18 12	0 37	0 46	0 44	16 38	0 10	9 54	17 29	20 12	20 20	25 4	16 49	4 38	W24
T 25	15 20	12 2	5 9	7 18	2 9	2 9	1 24	8 31	1 54	22 50	0 27	18 12	0 37	0 46	0 44	16 37	0 10	9 54	17 29	20 11	20 19	25 3	16 48	4 38	T 25
F 26	15 39	6 47	4 48	7 51	2 6	1 44	1 27	8 20	1 51	22 48	0 27	18 12	0 38	0 45	0 44	16 37	0 10	9 54	17 28	20 11	20 18	25 2	16 47	4 38	F 26
S 27	15 57	1 7	4 12	8 25	2 2	1 19	1 30	8 9	1 47	22 47	0 27	18 11	0 38	0 44	0 44	16 37	0 10	9 54	17 28	20 10	20 18	25 1	16 47	4 39	S 27
S 28	16 15	4n46	3 22	9 0	1 58	0 55	1 33	7 58	1 44	22 46	0 27	18 11	0 38	0 44	0 44	16 37	0 10	9 54	17 28	20 10	20 17	25 0	16 46	4 39	S 28
M29	16 33	10 36	2 19	9 36	1 54	0 29	1 36	7 46	1 41	22 45	0 27	18 11	0 38	0 43	0 44	16 37	0 10	9 55	17 28	20 10	20 16	25 0	16 45	4 39	M29
T 30	16 50	16 3	1 7	10 12	1 49	0 4	1 38	7 35	1 37	22 43	0 27	18 10	0 38	0 43	0 44	16 37	0 10	9 55	17 28	20 9	20 16	24 59	16 44	4 39	T 30
W31	17s 7	20n44	0n11	10s49	1n43	0s21	1n41	7s23	1s34	22s42	0s27	18n10	0n38	0n42	0s44	16n37	0n11	9s55	17s28	20n 9	20n15	24s58	16n44	4s39	W31

Julian Day Number = 2303174.5, Delta T = 97.57 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'16, Lahiri = 18°11'16 Julian Calendar 1 Oct. 1593 == Greg. Calendar 11 Oct. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

NOVEMBER 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 20 6	18♏36'44	16♊ 6	4♏12	5♎55	15♓21	18♑22	10♌52	3°R25	14♌45	15°R41	29♉49	0♊13	27♑32	5°R41	T 1
F 2	3 24 3	19°37'15	0♋32	5°45	7° 5	15°44	18°32	10°53	3♈24	14°45	15♈40	29°49	0° 9	27°39	5♊38	F 2
S 3	3 27 59	20°37'48	15° 0	7°19	8°15	16° 8	18°42	10°54	3°22	14°45	15°39	29°50	0° 6	27°45	5°35	S 3
S 4	3 31 56	21°38'23	29°24	8°52	9°25	16°33	18°53	10°55	3°21	14°45	15°39	29°51	0° 3	27°52	5°31	S 4
M 5	3 35 53	22°38'59	13♌40	10°26	10°36	16°57	19° 4	10°56	3°20	14°45	15°38	29°51	29♉59	27°59	5°28	M 5
T 6	3 39 49	23°39'38	27°48	12° 1	11°46	17°22	19°14	10°57	3°18	14°45	15°37	29°R51	29°57	28° 5	5°24	T 6
W 7	3 43 46	24°40'18	11♍44	13°35	12°57	17°48	19°25	10°57	3°17	14°R45	15°36	29°51	29°53	28°12	5°21	W 7
T 8	3 47 42	25°40'59	25°27	15°10	14° 8	18°13	19°36	10°58	3°16	14°45	15°35	29°51	29°50	28°19	5°17	T 8
F 9	3 51 39	26°41'43	8♎58	16°44	15°19	18°39	19°47	10°58	3°15	14°45	15°34	29°50	29°47	28°26	5°14	F 9
S 10	3 55 35	27°42'28	22°16	18°19	16°30	19° 6	19°58	10°59	3°13	14°45	15°33	29°50	29°44	28°32	5°10	S 10
S 11	3 59 32	28°43'14	5♏20	19°53	17°41	19°32	20° 9	10°59	3°12	14°45	15°33	29°50	29°41	28°39	5° 7	S 11
M12	4 3 28	29°44'02	18°11	21°28	18°52	19°59	20°21	10°R59	3°11	14°45	15°32	29°D50	29°38	28°46	5° 3	M12
T 13	4 7 25	0♐44'51	0♐49	23° 3	20° 3	20°27	20°32	10°59	3°10	14°45	15°31	29°R50	29°34	28°52	5° 0	T 13
W14	4 11 22	1°45'42	13°14	24°37	21°15	20°54	20°44	10°59	3° 9	14°45	15°30	29°50	29°31	28°59	4°56	W14
T 15	4 15 18	2°46'34	25°28	26°11	22°27	21°22	20°55	10°58	3° 9	14°44	15°30	29°50	29°28	29° 6	4°52	T 15
F 16	4 19 15	3°47'26	7♑31	27°46	23°38	21°51	21° 7	10°58	3° 8	14°44	15°29	29°49	29°25	29°12	4°49	F 16
S 17	4 23 11	4°48'20	19°28	29°20	24°50	22°19	21°19	10°58	3° 7	14°44	15°28	29°49	29°22	29°19	4°45	S 17
S 18	4 27 8	5°49'15	1♒19	0♐54	26° 2	22°48	21°31	10°57	3° 6	14°43	15°28	29°48	29°19	29°26	4°42	S 18
M19	4 31 4	6°50'11	13°10	2°29	27°14	23°17	21°43	10°56	3° 5	14°43	15°27	29°47	29°15	29°33	4°38	M19
T 20	4 35 1	7°51'07	25° 3	4° 3	28°26	23°46	21°55	10°55	3° 5	14°42	15°26	29°46	29°12	29°39	4°34	T 20
W21	4 38 57	8°52'04	7♓ 4	5°37	29°38	24°16	22° 7	10°54	3° 4	14°42	15°26	29°D46	29° 9	29°46	4°31	W21
T 22	4 42 54	9°53'02	19°17	7°11	0♏51	24°46	22°19	10°53	3° 4	14°42	15°25	29°46	29° 6	29°53	4°27	T 22
F 23	4 46 51	10°54'00	1♈47	8°45	2° 3	25°16	22°31	10°52	3° 3	14°41	15°24	29°47	29° 3	29°59	4°24	F 23
S 24	4 50 47	11°54'59	14°37	10°20	3°15	25°46	22°44	10°51	3° 3	14°40	15°24	29°48	28°59	0♒ 6	4°20	S 24
S 25	4 54 44	12°55'59	27°52	11°54	4°28	26°16	22°56	10°49	3° 2	14°40	15°23	29°49	28°56	0°13	4°17	S 25
M26	4 58 40	13°56'59	11♉32	13°28	5°40	26°47	23° 8	10°48	3° 2	14°39	15°23	29°50	28°53	0°20	4°13	M26
T 27	5 2 37	14°58'01	25°37	15° 2	6°53	27°18	23°21	10°46	3° 2	14°39	15°22	29°R51	28°50	0°26	4°10	T 27
W28	5 6 33	15°59'02	10♊ 5	16°37	8° 6	27°49	23°34	10°45	3° 1	14°38	15°22	29°50	28°47	0°33	4° 6	W28
T 29	5 10 30	17° 0'05	24°50	18°11	9°19	28°21	23°46	10°43	3° 1	14°37	15°21	29°49	28°44	0°40	4° 3	T 29
F 30	5 14 26	18♐ 1'08	9♋45	19♐46	10♏31	28♓52	23♑59	10♌41	3♈ 1	14♌36	15♈21	29♉47	28♉40	0♒46	3♊59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s24	24n15	1n29	11s25	1n38	0s47	1n43	7s11	1s31	22s41	0s27	18n10	0n39	0n41	0s44	16n37	0n11	9s55	17s27	20n 9	20n14	24s57	16n43	4s40
F 2	17 41	26 12	2 42	12 2	1 32	1 12	1 45	6 59	1 28	22 39	0 27	18 10	0 39	0 41	0 44	16 37	0 11	9 55	17 27	20 10	20 14	24 56	16 42	4 40
S 3	17 57	26 23	3 45	12 38	1 26	1 38	1 47	6 47	1 25	22 38	0 27	18 10	0 39	0 40	0 44	16 37	0 11	9 55	17 27	20 10	20 13	24 55	16 41	4 40
S 4	18 13	24 47	4 33	13 14	1 19	2 4	1 49	6 35	1 22	22 37	0 27	18 9	0 39	0 40	0 44	16 37	0 11	9 56	17 27	20 10	20 12	24 54	16 40	4 40
M 5	18 29	21 37	5 5	13 50	1 13	2 30	1 51	6 23	1 19	22 35	0 27	18 9	0 39	0 39	0 44	16 37	0 11	9 56	17 26	20 10	20 12	24 53	16 40	4 40
T 6	18 44	17 13	5 17	14 25	1 6	2 56	1 53	6 10	1 16	22 34	0 27	18 9	0 39	0 39	0 44	16 37	0 11	9 56	17 26	20 10	20 11	24 52	16 39	4 41
W 7	18 59	11 57	5 10	15 0	0 59	3 22	1 55	5 58	1 13	22 32	0 27	18 9	0 40	0 38	0 44	16 37	0 11	9 56	17 26	20 10	20 10	24 51	16 38	4 41
T 8	19 13	6 11	4 46	15 35	0 53	3 48	1 56	5 45	1 11	22 31	0 27	18 9	0 40	0 38	0 44	16 37	0 11	9 56	17 26	20 10	20 10	24 50	16 37	4 41
F 9	19 28	0 12	4 6	16 9	0 46	4 14	1 58	5 32	1 8	22 29	0 27	18 9	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 9	24 50	16 36	4 41
S 10	19 42	5s41	3 14	16 42	0 39	4 40	1 59	5 19	1 5	22 27	0 27	18 10	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 8	24 49	16 36	4 41
S 11	19 55	11 16	2 12	17 14	0 32	5 6	2 0	5 6	1 2	22 26	0 28	18 10	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 8	24 48	16 35	4 42
M12	20 8	16 15	1 4	17 46	0 25	5 32	2 1	4 53	1 0	22 24	0 28	18 10	0 40	0 36	0 44	16 37	0 11	9 56	17 25	20 10	20 7	24 47	16 34	4 42
T 13	20 21	20 27	0s 5	18 17	0 18	5 58	2 2	4 40	0 57	22 22	0 28	18 10	0 41	0 36	0 44	16 37	0 11	9 56	17 24	20 10	20 6	24 46	16 33	4 42
W14	20 34	23 39	1 14	18 47	0 11	6 24	2 3	4 27	0 55	22 21	0 28	18 10	0 41	0 36	0 44	16 37	0 11	9 56	17 24	20 10	20 6	24 45	16 33	4 42
T 15	20 46	25 42	2 17	19 16	0 4	6 50	2 4	4 14	0 52	22 19	0 28	18 10	0 41	0 35	0 43	16 37	0 11	9 56	17 24	20 10	20 5	24 44	16 32	4 42
F 16	20 57	26 31	3 14	19 45	0s 3	7 16	2 5	4 0	0 50	22 17	0 28	18 11	0 41	0 35	0 43	16 37	0 11	9 56	17 24	20 9	20 4	24 43	16 31	4 42
S 17	21 9	26 4	4 2	20 12	0 9	7 42	2 5	3 47	0 47	22 15	0 28	18 11	0 41	0 35	0 43	16 37	0 11	9 56	17 23	20 9	20 4	24 42	16 30	4 42
S 18	21 20	24 26	4 39	20 39	0 16	8 7	2 6	3 33	0 45	22 14	0 28	18 11	0 41	0 34	0 43	16 38	0 11	9 56	17 23	20 9	20 3	24 41	16 30	4 42
M19	21 30	21 45	5 4	21 4	0 23	8 33	2 6	3 20	0 43	22 12	0 28	18 12	0 42	0 34	0 43	16 38	0 11	9 56	17 23	20 9	20 2	24 40	16 29	4 42
T 20	21 40	18 9	5 16	21 29	0 29	8 58	2 7	3 6	0 40	22 10	0 28	18 12	0 42	0 34	0 43	16 38	0 11	9 56	17 22	20 9	20 1	24 39	16 28	4 43
W21	21 50	13 48	5 14	21 52	0 36	9 23	2 7	2 52	0 38	22 8	0 28	18 12	0 42	0 34	0 43	16 38	0 11	9 56	17 22	20 9	20 1	24 38	16 27	4 43
T 22	21 59	8 50	4 59	22 15	0 42	9 49	2 7	2 38	0 36	22 6	0 28	18 13	0 42	0 34	0 43	16 38	0 11	9 56	17 22	20 9	20 0	24 37	16 27	4 43
F 23	22 8	3 24	4 29	22 36	0 48	10 14	2 7	2 24	0 34	22 4	0 28	18 13	0 42	0 33	0 43	16 38	0 11	9 56	17 22	20 9	19 59	24 36	16 26	4 43
S 24	22 16	2n19	3 45	22 56	0 54	10 38	2 7	2 10	0 32	22 2	0 28	18 14	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 9	19 59	24 35	16 25	4 43
S 25	22 24	8 7	2 48	23 15	1 0	11 3	2 7	1 56	0 30	22 0	0 28	18 14	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 9	19 58	24 33	16 25	4 43
M26	22 32	13 45	1 40	23 33	1 6	11 27	2 6	1 42	0 28	21 58	0 28	18 15	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 10	19 57	24 32	16 24	4 43
T 27	22 39	18 50	0 23	23 50	1 11	11 52	2 6	1 28	0 26	21 56	0 28	18 16	0 43	0 33	0 43	16 39	0 11	9 56	17 20	20 10	19 57	24 31	16 23	4 43
W28	22 45	22 56	0n56	24 5	1 17	12 16	2 5	1 14	0 24	21 54	0 28	18 16	0 43	0 33	0 43	16 39	0 11	9 56	17 20	20 10	19 56	24 30	16 23	4 43
T 29	22 51	25 37	2 14	24 19	1 22	12 39	2 5	0 59	0 22	21 52	0 28	18 17	0 43	0 33	0 43	16 40	0 11	9 56	17 20	20 10	19 55	24 29	16 22	4 43
F 30	22s57	26n30	3n23	24s32	1s27	13s 3	2n 4	0s45	0s20	21s49	0s28	18n18	0n44	0n33	0s43	16n40	0n11	9s55	17s19	20n 9	19n55	24s28	16n21	4s43

Julian Day Number = 2303205.5, Delta T = 97.45 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'20, Lahiri = 18°11'20 Julian Calendar 1 Nov. 1593 == Greg. Calendar 11 Nov. 1593

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ASTRODIENST EPHEMERIS for the year 1593
geocentric

DECEMBER 1593 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 18 23	19♐ 2'13	24♋41	21♐21	11♏44	29♓24	24♉12	10°R39	3°R 1	14°R36	15°R20	29°R45	28♉37	0♒53	3°R56	S 1
S 2	5 22 20	20° 3'18	9♌30	22°56	12°57	29°56	24°25	10♌37	3°D 1	14♌35	15♈20	29♉42	28°34	1° 0	3♊52	S 2
M 3	5 26 16	21° 4'23	24° 6	24°31	14°11	0♈28	24°38	10°35	3♈ 1	14°34	15°20	29°40	28°31	1° 6	3°49	M 3
T 4	5 30 13	22° 5'30	8♍24	26° 6	15°24	1° 0	24°51	10°32	3° 1	14°33	15°19	29°38	28°28	1°13	3°45	T 4
W 5	5 34 9	23° 6'37	22°21	27°42	16°37	1°32	25° 4	10°30	3° 1	14°32	15°19	29°D38	28°25	1°20	3°42	W 5
T 6	5 38 6	24° 7'45	5♎57	29°17	17°50	2° 5	25°17	10°27	3° 1	14°31	15°19	29°38	28°21	1°27	3°39	T 6
F 7	5 42 2	25° 8'54	19°13	0♑53	19° 3	2°38	25°30	10°25	3° 1	14°30	15°18	29°39	28°18	1°33	3°36	F 7
S 8	5 45 59	26°10'04	2♏12	2°29	20°17	3°11	25°44	10°22	3° 2	14°29	15°18	29°41	28°15	1°40	3°32	S 8
S 9	5 49 55	27°11'14	14°55	4° 5	21°30	3°44	25°57	10°19	3° 2	14°28	15°18	29°43	28°12	1°47	3°29	S 9
M10	5 53 52	28°12'25	27°25	5°42	22°44	4°17	26°10	10°16	3° 2	14°27	15°18	29°R43	28° 9	1°53	3°26	M10
T 11	5 57 49	29°13'36	9♐45	7°18	23°57	4°50	26°24	10°13	3° 3	14°26	15°17	29°43	28° 5	2° 0	3°23	T 11
W12	6 1 45	0♑14'47	21°56	8°55	25°11	5°24	26°37	10°10	3° 3	14°25	15°17	29°41	28° 2	2° 7	3°20	W12
T 13	6 5 42	1°15'59	3♑59	10°32	26°25	5°57	26°51	10° 7	3° 4	14°24	15°17	29°37	27°59	2°14	3°17	T 13
F 14	6 9 38	2°17'11	15°57	12° 9	27°38	6°31	27° 4	10° 3	3° 4	14°23	15°17	29°32	27°56	2°20	3°14	F 14
S 15	6 13 35	3°18'24	27°50	13°46	28°52	7° 5	27°18	10° 0	3° 5	14°22	15°17	29°26	27°53	2°27	3°11	S 15
S 16	6 17 31	4°19'36	9♒41	15°23	0♐ 6	7°39	27°31	9°57	3° 6	14°21	15°17	29°19	27°50	2°34	3° 8	S 16
M17	6 21 28	5°20'48	21°32	17° 0	1°19	8°13	27°45	9°53	3° 6	14°20	15°17	29°12	27°46	2°40	3° 5	M17
T 18	6 25 25	6°21'59	3♓25	18°37	2°33	8°47	27°59	9°50	3° 7	14°18	15°16	29° 6	27°43	2°47	3° 2	T 18
W19	6 29 21	7°23'11	15°25	20°14	3°47	9°22	28°13	9°46	3° 8	14°17	15°16	29° 2	27°40	2°54	2°59	W19
T 20	6 33 18	8°24'22	27°34	21°50	5° 1	9°56	28°26	9°42	3° 9	14°16	15°D16	29° 0	27°37	3° 1	2°56	T 20
F 21	6 37 14	9°25'33	9♈58	23°26	6°15	10°31	28°40	9°38	3°10	14°14	15°16	28°D59	27°34	3° 7	2°54	F 21
S 22	6 41 11	10°26'43	22°41	25° 1	7°29	11° 6	28°54	9°34	3°11	14°13	15°16	29° 0	27°31	3°14	2°51	S 22
S 23	6 45 7	11°27'53	5♉47	26°36	8°43	11°40	29° 8	9°30	3°12	14°12	15°17	29° 1	27°27	3°21	2°48	S 23
M24	6 49 4	12°29'03	19°21	28° 9	9°57	12°15	29°22	9°26	3°13	14°10	15°17	29° 2	27°24	3°27	2°46	M24
T 25	6 53 0	13°30'12	3♊22	29°42	11°11	12°50	29°36	9°22	3°14	14° 9	15°17	29°R 3	27°21	3°34	2°43	T 25
W26	6 56 57	14°31'20	17°52	1♒12	12°25	13°26	29°50	9°18	3°15	14° 8	15°17	29° 1	27°18	3°41	2°41	W26
T 27	7 0 54	15°32'29	2♋46	2°41	13°39	14° 1	0♒ 4	9°14	3°17	14° 6	15°17	28°57	27°15	3°48	2°39	T 27
F 28	7 4 50	16°33'36	17°57	4° 7	14°53	14°36	0°18	9° 9	3°18	14° 5	15°17	28°52	27°11	3°54	2°36	F 28
S 29	7 8 47	17°34'44	3♌14	5°31	16° 7	15°11	0°32	9° 5	3°19	14° 3	15°17	28°44	27° 8	4° 1	2°34	S 29
S 30	7 12 43	18°35'51	18°27	6°51	17°21	15°47	0°46	9° 1	3°21	14° 2	15°18	28°36	27° 5	4° 8	2°32	S 30
M31	7 16 40	19♑36'57	3♍26	8♒ 7	18♐35	16♈22	1♒ 0	8♌56	3♈22	14♌ 0	15♈18	28♉29	27♉ 2	4♒14	2♊30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	25n28	4n18	24s44	1s32	13s26	2n 3	0s31	0s18	21s47	0s28	18n18	0n44	0n33	0s43	16n40	0n11	9s55	17s19	20n 9	19n54	24s27	16n21	4s43
S 2	23 7	22 39	4 56	24 54	1 36	13 49	2 3	0 16	0 16	21 45	0 28	18 19	0 44	0 33	0 43	16 40	0 11	9 55	17 19	20 8	19 53	24 26	16 20	4 43
M 3	23 12	18 26	5 13	25 3	1 40	14 12	2 2	0 2	0 14	21 43	0 29	18 20	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 52	24 25	16 19	4 43
T 4	23 15	13 15	5 11	25 11	1 45	14 34	2 1	0n13	0 12	21 41	0 29	18 21	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 52	24 24	16 19	4 43
W 5	23 19	7 29	4 51	25 17	1 48	14 56	2 0	0 27	0 11	21 38	0 29	18 22	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 51	24 23	16 18	4 43
T 6	23 22	1 31	4 14	25 22	1 52	15 17	1 58	0 42	0 9	21 36	0 29	18 22	0 45	0 33	0 43	16 41	0 11	9 54	17 17	20 7	19 50	24 21	16 18	4 43
F 7	23 24	4s23	3 24	25 25	1 55	15 39	1 57	0 56	0 7	21 33	0 29	18 23	0 45	0 33	0 43	16 42	0 11	9 54	17 17	20 7	19 50	24 20	16 17	4 43
S 8	23 26	9 59	2 25	25 27	1 58	16 0	1 56	1 11	0 5	21 31	0 29	18 24	0 45	0 33	0 43	16 42	0 11	9 54	17 17	20 8	19 49	24 19	16 16	4 43
S 9	23 28	15 4	1 20	25 27	2 1	16 20	1 54	1 26	0 4	21 29	0 29	18 25	0 45	0 34	0 43	16 42	0 11	9 54	17 16	20 8	19 48	24 18	16 16	4 43
M10	23 29	19 25	0 13	25 26	2 3	16 40	1 53	1 40	0 2	21 26	0 29	18 26	0 45	0 34	0 43	16 43	0 11	9 53	17 16	20 8	19 47	24 17	16 15	4 43
T 11	23 29	22 52	0s55	25 23	2 5	17 0	1 51	1 55	0 1	21 24	0 29	18 27	0 45	0 34	0 42	16 43	0 11	9 53	17 15	20 8	19 47	24 16	16 15	4 43
W12	23 30	25 13	1 59	25 18	2 7	17 20	1 50	2 10	0n 1	21 21	0 29	18 28	0 46	0 34	0 42	16 43	0 11	9 53	17 15	20 8	19 46	24 14	16 14	4 43
T 13	23 29	26 22	2 56	25 12	2 8	17 39	1 48	2 24	0 2	21 19	0 29	18 29	0 46	0 34	0 42	16 44	0 11	9 53	17 15	20 7	19 45	24 13	16 14	4 43
F 14	23 28	26 16	3 46	25 5	2 9	17 57	1 46	2 39	0 4	21 16	0 29	18 30	0 46	0 35	0 42	16 44	0 11	9 52	17 14	20 6	19 45	24 12	16 13	4 43
S 15	23 27	24 58	4 25	24 56	2 10	18 15	1 45	2 54	0 5	21 13	0 29	18 31	0 46	0 35	0 42	16 44	0 11	9 52	17 14	20 4	19 44	24 11	16 13	4 43
S 16	23 25	22 33	4 53	24 45	2 10	18 33	1 43	3 9	0 7	21 11	0 29	18 32	0 46	0 35	0 42	16 45	0 11	9 52	17 14	20 3	19 43	24 10	16 12	4 43
M17	23 23	19 12	5 8	24 33	2 9	18 50	1 41	3 24	0 8	21 8	0 29	18 33	0 46	0 36	0 42	16 45	0 11	9 51	17 13	20 1	19 42	24 8	16 12	4 42
T 18	23 20	15 4	5 9	24 19	2 8	19 6	1 39	3 38	0 10	21 6	0 29	18 34	0 46	0 36	0 42	16 45	0 11	9 51	17 13	20 0	19 42	24 7	16 12	4 42
W19	23 17	10 20	4 58	24 3	2 7	19 22	1 37	3 53	0 11	21 3	0 29	18 36	0 47	0 36	0 42	16 46	0 11	9 51	17 13	19 59	19 41	24 6	16 11	4 42
T 20	23 14	5 8	4 33	23 46	2 4	19 38	1 35	4 8	0 12	21 0	0 29	18 37	0 47	0 37	0 42	16 46	0 11	9 50	17 12	19 59	19 40	24 5	16 11	4 42
F 21	23 9	0n22	3 55	23 27	2 2	19 53	1 32	4 23	0 14	20 57	0 30	18 38	0 47	0 37	0 42	16 47	0 11	9 50	17 12	19 59	19 40	24 4	16 10	4 42
S 22	23 5	6 0	3 4	23 7	1 58	20 8	1 30	4 38	0 15	20 55	0 30	18 39	0 47	0 38	0 42	16 47	0 11	9 50	17 11	19 59	19 39	24 2	16 10	4 42
S 23	23 0	11 33	2 3	22 45	1 54	20 21	1 28	4 53	0 16	20 52	0 30	18 40	0 47	0 38	0 42	16 47	0 11	9 49	17 11	19 59	19 38	24 1	16 10	4 42
M24	22 54	16 46	0 52	22 22	1 49	20 35	1 26	5 7	0 18	20 49	0 30	18 42	0 47	0 38	0 42	16 48	0 11	9 49	17 11	19 59	19 37	24 0	16 9	4 42
T 25	22 48	21 16	0n23	21 57	1 44	20 48	1 23	5 22	0 19	20 46	0 30	18 43	0 47	0 39	0 42	16 48	0 11	9 49	17 10	19 59	19 37	23 59	16 9	4 42
W26	22 42	24 36	1 40	21 31	1 38	21 0	1 21	5 37	0 20	20 43	0 30	18 44	0 48	0 39	0 42	16 49	0 11	9 48	17 10	19 59	19 36	23 57	16 9	4 41
T 27	22 35	26 19	2 52	21 4	1 31	21 12	1 18	5 52	0 21	20 40	0 30	18 45	0 48	0 40	0 42	16 49	0 11	9 48	17 10	19 58	19 35	23 56	16 8	4 41
F 28	22 28	26 8	3 53	20 36	1 23	21 23	1 16	6 7	0 22	20 37	0 30	18 47	0 48	0 41	0 42	16 49	0 11	9 47	17 9	19 57	19 35	23 55	16 8	4 41
S 29	22 20	23 58	4 37	20 8	1 14	21 33	1 13	6 21	0 24	20 34	0 30	18 48	0 48	0 41	0 42	16 50	0 11	9 47	17 9	19 55	19 34	23 53	16 8	4 41
S 30	22 12	20 7	5 2	19 38	1 4	21 43	1 11	6 36	0 25	20 31	0 30	18 49	0 48	0 42	0 42	16 50	0 11	9 47	17 8	19 54	19 33	23 52	16 7	4 41
M31	22s 3	15n 1	5n 6	19s 8	0s53	21s52	1n 8	6n51	0n26	20s28	0s30	18n50	0n48	0n42	0s42	16n51	0n12	9s46	17s 8	19n52	19n32	23s51	16n 7	4s41

Julian Day Number = 2303235.5, Delta T = 97.32 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'24, Lahiri = 18°11'24 Julian Calendar 1 Dec. 1593 == Greg. Calendar 11 Dec. 1593

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

JANUARY 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 20 36	20♑38'04	18♍ 2	9♒18	19♐50	16♈58	1♒14	8°R52	3♈24	13°R59	15♈18	28°R23	26♉59	4♒21	2°R28	T 1
W 2	7 24 33	21°39'09	2♎11	10°24	21° 4	17°34	1°28	8♏47	3°25	13♏57	15°18	28♉19	26°56	4°28	2♊26	W 2
T 3	7 28 29	22°40'15	15°52	11°24	22°18	18° 9	1°43	8°43	3°27	13°56	15°19	28°17	26°52	4°35	2°24	T 3
F 4	7 32 26	23°41'20	29° 7	12°17	23°32	18°45	1°57	8°38	3°28	13°54	15°19	28°D17	26°49	4°41	2°22	F 4
S 5	7 36 23	24°42'26	11♏59	13° 2	24°46	19°21	2°11	8°33	3°30	13°53	15°19	28°17	26°46	4°48	2°20	S 5
S 6	7 40 19	25°43'30	24°32	13°38	26° 1	19°57	2°25	8°29	3°32	13°51	15°20	28°R18	26°43	4°55	2°19	S 6
M 7	7 44 16	26°44'34	6♐50	14° 4	27°15	20°33	2°39	8°24	3°33	13°49	15°20	28°18	26°40	5° 1	2°17	M 7
T 8	7 48 12	27°45'38	18°57	14°21	28°29	21° 9	2°54	8°19	3°35	13°48	15°21	28°16	26°37	5° 8	2°15	T 8
W 9	7 52 9	28°46'41	0♑56	14°R26	29°44	21°45	3° 8	8°14	3°37	13°46	15°21	28°11	26°33	5°15	2°14	W 9
T 10	7 56 5	29°47'43	12°51	14°20	0♑58	22°22	3°22	8° 9	3°39	13°45	15°21	28° 3	26°30	5°22	2°12	T 10
F 11	8 0 2	0♒48'45	24°44	14° 3	2°13	22°58	3°37	8° 5	3°41	13°43	15°22	27°52	26°27	5°28	2°11	F 11
S 12	8 3 58	1°49'46	6♒35	13°34	3°27	23°34	3°51	8° 0	3°43	13°41	15°22	27°40	26°24	5°35	2°10	S 12
S 13	8 7 55	2°50'45	18°27	12°55	4°41	24°11	4° 5	7°55	3°45	13°40	15°23	27°27	26°21	5°42	2° 8	S 13
M14	8 11 52	3°51'44	0♓21	12° 5	5°56	24°47	4°19	7°50	3°47	13°38	15°24	27°14	26°17	5°48	2° 7	M14
T 15	8 15 48	4°52'41	12°18	11° 7	7°10	25°24	4°34	7°45	3°49	13°36	15°24	27° 2	26°14	5°55	2° 6	T 15
W16	8 19 45	5°53'37	24°21	10° 2	8°25	26° 0	4°48	7°40	3°51	13°35	15°25	26°52	26°11	6° 2	2° 5	W16
T 17	8 23 41	6°54'32	6♈32	8°53	9°39	26°37	5° 2	7°35	3°53	13°33	15°25	26°45	26° 8	6° 9	2° 4	T 17
F 18	8 27 38	7°55'26	18°54	7°40	10°53	27°14	5°16	7°30	3°56	13°31	15°26	26°41	26° 5	6°15	2° 3	F 18
S 19	8 31 34	8°56'18	1♉33	6°26	12° 8	27°50	5°31	7°25	3°58	13°30	15°27	26°39	26° 2	6°22	2° 3	S 19
S 20	8 35 31	9°57'08	14°31	5°14	13°22	28°27	5°45	7°20	4° 0	13°28	15°27	26°D39	25°58	6°29	2° 2	S 20
M21	8 39 27	10°57'58	27°53	4° 5	14°37	29° 4	5°59	7°15	4° 2	13°26	15°28	26°R39	25°55	6°35	2° 1	M21
T 22	8 43 24	11°58'45	11♊43	3° 0	15°51	29°41	6°14	7°11	4° 5	13°25	15°29	26°39	25°52	6°42	2° 1	T 22
W23	8 47 21	12°59'32	26° 1	2° 2	17° 6	0♉18	6°28	7° 6	4° 7	13°23	15°29	26°36	25°49	6°49	2° 0	W23
T 24	8 51 17	14° 0'16	10♋46	1°10	18°20	0°55	6°42	7° 1	4°10	13°21	15°30	26°30	25°46	6°56	2° 0	T 24
F 25	8 55 14	15° 1'00	25°53	0°26	19°34	1°32	6°56	6°56	4°12	13°20	15°31	26°22	25°43	7° 2	2° 0	F 25
S 26	8 59 10	16° 1'41	11♌12	29♑50	20°49	2° 8	7°10	6°51	4°15	13°18	15°32	26°12	25°39	7° 9	1°59	S 26
S 27	9 3 7	17° 2'22	26°33	29°23	22° 3	2°46	7°25	6°46	4°17	13°16	15°33	26° 0	25°36	7°16	1°59	S 27
M28	9 7 3	18° 3'00	11♍44	29° 3	23°18	3°23	7°39	6°42	4°20	13°15	15°33	25°49	25°33	7°22	1°59	M28
T 29	9 11 0	19° 3'38	26°34	28°51	24°32	4° 0	7°53	6°37	4°22	13°13	15°34	25°40	25°30	7°29	1°D59	T 29
W30	9 14 56	20° 4'14	10♎57	28°D47	25°47	4°37	8° 7	6°32	4°25	13°11	15°35	25°33	25°27	7°36	1°59	W30
T 31	9 18 53	21♒ 4'49	24♎50	28♑49	27♑ 1	5♉14	8♒21	6♏27	4♈28	13♏10	15♈36	25♉28	25♉23	7♒43	1♊59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s54	9n10	4n49	18s38	0s41	22s 1	1n 6	7n 6	0n27	20s25	0s30	18n52	0n48	0n43	0s42	16n51	0n12	9s46	17s 8	19n51	19n32	23s50	16n 7	4s40	T 1
W 2	21 45	3 2	4 15	18 8	0 29	22 9	1 3	7 20	0 28	20 22	0 30	18 53	0 49	0 44	0 42	16 52	0 12	9 45	17 7	19 50	19 31	23 48	16 7	4 40	W 2
T 3	21 35	3s 4	3 27	17 38	0 15	22 16	1 0	7 35	0 29	20 19	0 30	18 54	0 49	0 44	0 42	16 52	0 12	9 45	17 7	19 49	19 30	23 47	16 7	4 40	T 3
F 4	21 25	8 51	2 30	17 10	0 0	22 23	0 58	7 50	0 30	20 16	0 31	18 56	0 49	0 45	0 42	16 53	0 12	9 44	17 7	19 49	19 29	23 46	16 6	4 40	F 4
S 5	21 14	14 6	1 26	16 42	0n15	22 29	0 55	8 4	0 31	20 13	0 31	18 57	0 49	0 46	0 41	16 53	0 12	9 44	17 6	19 49	19 29	23 44	16 6	4 40	S 5
S 6	21 3	18 37	0 20	16 16	0 31	22 34	0 52	8 19	0 32	20 10	0 31	18 59	0 49	0 46	0 41	16 54	0 12	9 43	17 6	19 50	19 28	23 43	16 6	4 40	S 6
M 7	20 51	22 15	0s45	15 52	0 48	22 39	0 49	8 33	0 33	20 7	0 31	19 0	0 49	0 47	0 41	16 54	0 12	9 43	17 6	19 50	19 27	23 41	16 6	4 39	M 7
T 8	20 39	24 50	1 48	15 31	1 6	22 43	0 46	8 48	0 34	20 3	0 31	19 1	0 49	0 48	0 41	16 54	0 12	9 43	17 5	19 49	19 26	23 40	16 6	4 39	T 8
W 9	20 27	26 14	2 45	15 12	1 24	22 46	0 44	9 2	0 35	20 0	0 31	19 3	0 49	0 49	0 41	16 55	0 12	9 42	17 5	19 48	19 26	23 39	16 6	4 39	W 9
T 10	20 14	26 25	3 34	14 56	1 42	22 49	0 41	9 17	0 36	19 57	0 31	19 4	0 50	0 49	0 41	16 55	0 12	9 42	17 4	19 46	19 25	23 37	16 6	4 39	T 10
F 11	20 1	25 23	4 14	14 44	2 0	22 50	0 38	9 31	0 37	19 54	0 31	19 5	0 50	0 50	0 41	16 56	0 12	9 41	17 4	19 44	19 24	23 36	16 6	4 39	F 11
S 12	19 48	23 13	4 42	14 36	2 17	22 52	0 35	9 45	0 38	19 50	0 31	19 7	0 50	0 51	0 41	16 56	0 12	9 41	17 4	19 41	19 24	23 35	16 5	4 38	S 12
S 13	19 34	20 3	4 58	14 31	2 34	22 52	0 32	10 0	0 39	19 47	0 31	19 8	0 50	0 52	0 41	16 57	0 12	9 40	17 3	19 38	19 23	23 33	16 5	4 38	S 13
M14	19 20	16 4	5 1	14 30	2 49	22 52	0 30	10 14	0 39	19 44	0 31	19 10	0 50	0 53	0 41	16 57	0 12	9 39	17 3	19 35	19 22	23 32	16 5	4 38	M14
T 15	19 5	11 27	4 51	14 32	3 3	22 51	0 27	10 28	0 40	19 40	0 31	19 11	0 50	0 53	0 41	16 58	0 12	9 39	17 3	19 32	19 21	23 30	16 5	4 38	T 15
W16	18 50	6 21	4 28	14 38	3 15	22 50	0 24	10 42	0 41	19 37	0 32	19 12	0 50	0 54	0 41	16 58	0 12	9 38	17 2	19 30	19 21	23 29	16 5	4 38	W16
T 17	18 35	0 58	3 53	14 47	3 25	22 48	0 21	10 56	0 42	19 34	0 32	19 14	0 50	0 55	0 41	16 59	0 12	9 38	17 2	19 28	19 20	23 28	16 5	4 37	T 17
F 18	18 20	4n33	3 6	14 58	3 32	22 45	0 18	11 10	0 43	19 30	0 32	19 15	0 50	0 56	0 41	16 59	0 12	9 37	17 2	19 28	19 19	23 26	16 6	4 37	F 18
S 19	18 4	10 1	2 9	15 12	3 38	22 41	0 15	11 24	0 43	19 27	0 32	19 16	0 51	0 57	0 41	17 0	0 12	9 37	17 1	19 27	19 18	23 25	16 6	4 37	S 19
S 20	17 48	15 13	1 4	15 27	3 40	22 37	0 13	11 38	0 44	19 24	0 32	19 18	0 51	0 58	0 41	17 0	0 12	9 36	17 1	19 27	19 18	23 23	16 6	4 37	S 20
M21	17 31	19 50	0n 7	15 43	3 40	22 32	0 10	11 52	0 45	19 20	0 32	19 19	0 51	0 59	0 41	17 1	0 12	9 36	17 1	19 27	19 17	23 22	16 6	4 36	M21
T 22	17 14	23 33	1 19	15 59	3 38	22 26	0 7	12 6	0 46	19 17	0 32	19 20	0 51	1 0	0 41	17 1	0 12	9 35	17 0	19 27	19 16	23 20	16 6	4 36	T 22
W23	16 57	25 55	2 29	16 17	3 34	22 20	0 4	12 20	0 47	19 13	0 32	19 22	0 51	1 1	0 41	17 2	0 12	9 34	17 0	19 26	19 15	23 19	16 6	4 36	W23
T 24	16 40	26 33	3 31	16 34	3 28	22 13	0 1	12 33	0 47	19 10	0 32	19 23	0 51	1 2	0 41	17 2	0 12	9 34	17 0	19 25	19 15	23 17	16 6	4 36	T 24
F 25	16 22	25 16	4 19	16 50	3 21	22 5	0s 1	12 47	0 48	19 6	0 32	19 24	0 51	1 3	0 41	17 3	0 12	9 33	16 59	19 23	19 14	23 16	16 6	4 36	F 25
S 26	16 4	22 6	4 50	17 6	3 12	21 57	0 4	13 0	0 49	19 3	0 33	19 26	0 51	1 4	0 41	17 3	0 12	9 33	16 59	19 21	19 13	23 15	16 7	4 35	S 26
S 27	15 46	17 23	5 0	17 22	3 2	21 48	0 7	13 14	0 49	18 59	0 33	19 27	0 51	1 5	0 41	17 4	0 12	9 32	16 59	19 18	19 12	23 13	16 7	4 35	S 27
M28	15 27	11 37	4 49	17 36	2 51	21 38	0 10	13 27	0 50	18 56	0 33	19 28	0 51	1 6	0 41	17 4	0 12	9 32	16 58	19 15	19 12	23 12	16 7	4 35	M28
T 29	15 9	5 19	4 18	17 50	2 40	21 28	0 12	13 40	0 51	18 52	0 33	19 30	0 52	1 7	0 41	17 5	0 12	9 31	16 58	19 13	19 11	23 10	16 7	4 35	T 29
W30	14 50	1s 6	3 32	18 2	2 28	21 17	0 15	13 54	0 51	18 48	0 33	19 31	0 52	1 8	0 41	17 5	0 12	9 30	16 58	19 11	19 10	23 9	16 7	4 34	W30
T 31	14s30	7s15	2n34	18s14	2n16	21s 5	0s18	14n 7	0n52	18s45	0s33	19n32	0n52	1n 9	0s41	17n 6	0n12	9s30	16s58	19n10	19n 9	23s 7	16n 8	4s34	T 31

Julian Day Number = 2303266.5, Delta T = 97.20 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'28, Lahiri = 18°11'29 Julian Calendar 1 Jan. 1594 == Greg. Calendar 11 Jan. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

FEBRUARY 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 22 50	22♒ 5'23	8♏12	28♑59	28♑16	5♉51	8♒35	6°R23	4♈30	13°R 8	15♈37	25°R26	25♉20	7♒49	1♊59	F 1
S 2	9 26 46	23° 5'55	21° 8	29°14	29°30	6°28	8°49	6♌18	4°33	13♌ 6	15°38	25♉26	25°17	7°56	2° 0	S 2
S 3	9 30 43	24° 6'27	3♐41	29°36	0♒45	7° 5	9° 4	6°14	4°36	13° 5	15°39	25°26	25°14	8° 3	2° 0	S 3
M 4	9 34 39	25° 6'57	15°56	0♒ 3	1°59	7°43	9°18	6° 9	4°39	13° 3	15°40	25°25	25°11	8° 9	2° 0	M 4
T 5	9 38 36	26° 7'25	27°59	0°35	3°14	8°20	9°32	6° 4	4°42	13° 1	15°41	25°22	25° 8	8°16	2° 1	T 5
W 6	9 42 32	27° 7'53	9♑53	1°12	4°28	8°57	9°46	6° 0	4°45	13° 0	15°42	25°16	25° 4	8°23	2° 2	W 6
T 7	9 46 29	28° 8'18	21°44	1°53	5°43	9°35	10° 0	5°56	4°47	12°58	15°43	25° 7	25° 1	8°30	2° 2	T 7
F 8	9 50 25	29° 8'43	3♒34	2°38	6°57	10°12	10°13	5°51	4°50	12°56	15°44	24°56	24°58	8°36	2° 3	F 8
S 9	9 54 22	0♓ 9'05	15°26	3°26	8°12	10°49	10°27	5°47	4°53	12°55	15°45	24°42	24°55	8°43	2° 4	S 9
S 10	9 58 19	1° 9'26	27°21	4°18	9°26	11°27	10°41	5°43	4°56	12°53	15°46	24°27	24°52	8°50	2° 5	S 10
M11	10 2 15	2° 9'45	9♓20	5°13	10°41	12° 4	10°55	5°39	4°59	12°52	15°47	24°12	24°49	8°56	2° 6	M11
T 12	10 6 12	3°10'03	21°26	6°12	11°55	12°42	11° 9	5°35	5° 2	12°50	15°48	23°59	24°45	9° 3	2° 7	T 12
W13	10 10 8	4°10'18	3♈38	7°12	13°10	13°19	11°23	5°31	5° 5	12°48	15°49	23°48	24°42	9°10	2° 8	W13
T 14	10 14 5	5°10'31	15°58	8°16	14°24	13°56	11°36	5°27	5° 8	12°47	15°50	23°40	24°39	9°17	2° 9	T 14
F 15	10 18 1	6°10'43	28°28	9°21	15°39	14°34	11°50	5°23	5°11	12°45	15°51	23°35	24°36	9°23	2°10	F 15
S 16	10 21 58	7°10'52	11♉12	10°29	16°53	15°11	12° 4	5°19	5°15	12°44	15°52	23°32	24°33	9°30	2°11	S 16
S 17	10 25 54	8°11'00	24°11	11°39	18° 8	15°49	12°17	5°15	5°18	12°42	15°53	23°D32	24°29	9°37	2°13	S 17
M18	10 29 51	9°11'05	7♊29	12°51	19°22	16°26	12°31	5°12	5°21	12°41	15°55	23°R32	24°26	9°43	2°14	M18
T 19	10 33 48	10°11'08	21° 9	14° 5	20°37	17° 4	12°44	5° 8	5°24	12°39	15°56	23°32	24°23	9°50	2°16	T 19
W20	10 37 44	11°11'09	5♋13	15°20	21°51	17°42	12°58	5° 5	5°27	12°38	15°57	23°30	24°20	9°57	2°18	W20
T 21	10 41 41	12°11'08	19°41	16°38	23° 5	18°19	13°11	5° 1	5°30	12°37	15°58	23°25	24°17	10° 4	2°19	T 21
F 22	10 45 37	13°11'04	4♌29	17°57	24°20	18°57	13°25	4°58	5°34	12°35	15°59	23°18	24°14	10°10	2°21	F 22
S 23	10 49 34	14°10'59	19°32	19°17	25°34	19°34	13°38	4°55	5°37	12°34	16° 1	23° 9	24°10	10°17	2°23	S 23
S 24	10 53 30	15°10'51	4♍40	20°39	26°49	20°12	13°51	4°51	5°40	12°32	16° 2	22°58	24° 7	10°24	2°25	S 24
M25	10 57 27	16°10'41	19°44	22° 3	28° 3	20°50	14° 4	4°48	5°43	12°31	16° 3	22°48	24° 4	10°31	2°27	M25
T 26	11 1 23	17°10'29	4♎33	23°28	29°18	21°27	14°17	4°45	5°47	12°30	16° 4	22°39	24° 1	10°37	2°29	T 26
W27	11 5 20	18°10'15	18°59	24°54	0♓32	22° 5	14°31	4°42	5°50	12°28	16° 6	22°33	23°58	10°44	2°31	W27
T 28	11 9 17	19♓10'00	2♏57	26♒22	1♓46	22♉42	14♒44	4♌40	5♈53	12♌27	16♈ 7	22♉29	23♉55	10♒51	2♊33	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s11	12s52	1n30	18s24	2n 3	20s53	0s20	14n20	0n53	18s41	0s33	19n33	0n52	1n10	0s41	17n 6	0n12	9s29	16s57	19n10	19n 8	23s 6	16n 8	4s34	F 1
S 2	13 51	17 43	0 23	18 33	1 51	20 40	0 23	14 33	0 53	18 38	0 33	19 35	0 52	1 12	0 41	17 7	0 12	9 29	16 57	19 10	19 8	23 4	16 8	4 34	S 2
S 3	13 31	21 39	0s43	18 40	1 39	20 27	0 25	14 45	0 54	18 34	0 33	19 36	0 52	1 13	0 41	17 7	0 12	9 28	16 57	19 10	19 7	23 2	16 9	4 33	S 3
M 4	13 11	24 30	1 46	18 47	1 26	20 13	0 28	14 58	0 54	18 30	0 33	19 37	0 52	1 14	0 41	17 8	0 12	9 27	16 56	19 10	19 6	23 1	16 9	4 33	M 4
T 5	12 50	26 11	2 43	18 52	1 14	19 58	0 30	15 11	0 55	18 27	0 34	19 38	0 52	1 15	0 41	17 8	0 12	9 27	16 56	19 9	19 5	22 59	16 9	4 33	T 5
W 6	12 30	26 38	3 31	18 56	1 2	19 43	0 33	15 23	0 55	18 23	0 34	19 39	0 52	1 16	0 40	17 9	0 12	9 26	16 56	19 7	19 5	22 58	16 10	4 33	W 6
T 7	12 9	25 52	4 11	18 58	0 50	19 27	0 35	15 36	0 56	18 20	0 34	19 40	0 52	1 17	0 40	17 9	0 12	9 25	16 56	19 5	19 4	22 56	16 10	4 32	T 7
F 8	11 48	23 55	4 39	18 59	0 39	19 11	0 38	15 48	0 57	18 16	0 34	19 42	0 52	1 19	0 40	17 10	0 12	9 25	16 55	19 3	19 3	22 55	16 10	4 32	F 8
S 9	11 27	20 57	4 55	18 59	0 28	18 54	0 40	16 1	0 57	18 12	0 34	19 43	0 52	1 20	0 40	17 10	0 12	9 24	16 55	18 59	19 2	22 53	16 11	4 32	S 9
S 10	11 5	17 5	4 59	18 57	0 17	18 37	0 42	16 13	0 58	18 9	0 34	19 44	0 52	1 21	0 40	17 10	0 12	9 24	16 55	18 56	19 2	22 52	16 11	4 32	S 10
M11	10 44	12 33	4 49	18 54	0 6	18 19	0 44	16 25	0 58	18 5	0 34	19 45	0 52	1 22	0 40	17 11	0 12	9 23	16 55	18 52	19 1	22 50	16 12	4 31	M11
T 12	10 22	7 29	4 26	18 50	0s 4	18 0	0 47	16 37	0 59	18 1	0 34	19 46	0 52	1 23	0 40	17 11	0 12	9 22	16 54	18 49	19 0	22 48	16 12	4 31	T 12
W13	10 0	2 5	3 51	18 44	0 14	17 41	0 49	16 49	0 59	17 58	0 35	19 47	0 52	1 25	0 40	17 12	0 12	9 22	16 54	18 46	18 59	22 47	16 12	4 31	W13
T 14	9 38	3n27	3 4	18 37	0 24	17 22	0 51	17 0	1 0	17 54	0 35	19 48	0 53	1 26	0 40	17 12	0 12	9 21	16 54	18 44	18 58	22 45	16 13	4 31	T 14
F 15	9 16	8 57	2 8	18 29	0 33	17 2	0 53	17 12	1 0	17 50	0 35	19 49	0 53	1 27	0 40	17 13	0 12	9 20	16 54	18 43	18 58	22 44	16 13	4 30	F 15
S 16	8 54	14 12	1 5	18 19	0 42	16 41	0 55	17 24	1 1	17 46	0 35	19 50	0 53	1 28	0 40	17 13	0 12	9 20	16 53	18 42	18 57	22 42	16 14	4 30	S 16
S 17	8 31	18 55	0n 3	18 8	0 50	16 20	0 57	17 35	1 1	17 43	0 35	19 51	0 53	1 30	0 40	17 14	0 12	9 19	16 53	18 42	18 56	22 40	16 14	4 30	S 17
M18	8 9	22 49	1 13	17 56	0 58	15 59	0 59	17 46	1 1	17 39	0 35	19 52	0 53	1 31	0 40	17 14	0 12	9 19	16 53	18 42	18 55	22 39	16 15	4 30	M18
T 19	7 46	25 32	2 21	17 42	1 6	15 37	1 1	17 57	1 2	17 35	0 35	19 53	0 53	1 32	0 40	17 14	0 12	9 18	16 53	18 42	18 55	22 37	16 15	4 30	T 19
W20	7 23	26 45	3 22	17 27	1 14	15 14	1 2	18 9	1 2	17 32	0 35	19 54	0 53	1 33	0 40	17 15	0 12	9 17	16 52	18 41	18 54	22 35	16 16	4 29	W20
T 21	7 0	26 12	4 12	17 10	1 21	14 52	1 4	18 20	1 3	17 28	0 36	19 55	0 53	1 35	0 40	17 15	0 12	9 17	16 52	18 40	18 53	22 34	16 16	4 29	T 21
F 22	6 37	23 48	4 46	16 52	1 27	14 29	1 6	18 30	1 3	17 24	0 36	19 55	0 53	1 36	0 40	17 16	0 12	9 16	16 52	18 38	18 52	22 32	16 17	4 29	F 22
S 23	6 14	19 45	5 1	16 33	1 34	14 5	1 8	18 41	1 3	17 21	0 36	19 56	0 53	1 37	0 40	17 16	0 12	9 15	16 52	18 36	18 51	22 30	16 18	4 29	S 23
S 24	5 51	14 24	4 56	16 13	1 39	13 41	1 9	18 52	1 4	17 17	0 36	19 57	0 53	1 39	0 40	17 17	0 12	9 15	16 52	18 33	18 51	22 29	16 18	4 28	S 24
M25	5 28	8 12	4 30	15 51	1 45	13 17	1 11	19 2	1 4	17 13	0 36	19 58	0 53	1 40	0 40	17 17	0 12	9 14	16 52	18 31	18 50	22 27	16 19	4 28	M25
T 26	5 5	1 39	3 46	15 27	1 50	12 52	1 12	19 12	1 5	17 9	0 36	19 59	0 53	1 41	0 40	17 17	0 12	9 13	16 51	18 29	18 49	22 25	16 19	4 28	T 26
W27	4 41	4s51	2 48	15 3	1 55	12 27	1 14	19 23	1 5	17 6	0 36	19 59	0 53	1 43	0 40	17 18	0 12	9 13	16 51	18 27	18 48	22 24	16 20	4 28	W27
T 28	4s18	10s56	1n42	14s37	1s59	12s 2	1s15	19n33	1n 5	17s 2	0s37	20n 0	0n53	1n44	0s40	17n18	0n12	9s12	16s51	18n26	18n48	22s22	16n21	4s27	T 28

Julian Day Number = 2303297.5, Delta T = 97.07 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'32, Lahiri = 18°11'33 Julian Calendar 1 Feb. 1594 == Greg. Calendar 11 Feb. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

MARCH 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 13 13	20♓ 9'42	16♏27	27♒51	3♓ 1	23♉20	14♒57	4°R37	5♈57	12°R26	16♈ 8	22°D27	23♉51	10♒57	2♊35	F 1
S 2	11 17 10	21° 9'23	29°30	29°21	4°15	23°58	15°10	4♌34	6° 0	12♌25	16°10	22♉27	23°48	11° 4	2°38	S 2
S 3	11 21 6	22° 9'02	12♐ 8	0♓53	5°30	24°35	15°22	4°32	6° 3	12°23	16°11	22°28	23°45	11°11	2°40	S 3
M 4	11 25 3	23° 8'40	24°27	2°26	6°44	25°13	15°35	4°29	6° 7	12°22	16°12	22°R28	23°42	11°18	2°42	M 4
T 5	11 28 59	24° 8'16	6♑32	4° 1	7°58	25°51	15°48	4°27	6°10	12°21	16°13	22°27	23°39	11°24	2°45	T 5
W 6	11 32 56	25° 7'49	18°27	5°36	9°13	26°28	16° 1	4°25	6°13	12°20	16°15	22°24	23°35	11°31	2°48	W 6
T 7	11 36 52	26° 7'21	0♒18	7°13	10°27	27° 6	16°13	4°23	6°17	12°19	16°16	22°19	23°32	11°38	2°50	T 7
F 8	11 40 49	27° 6'52	12° 9	8°52	11°41	27°44	16°26	4°21	6°20	12°18	16°17	22°12	23°29	11°44	2°53	F 8
S 9	11 44 46	28° 6'20	24° 3	10°31	12°56	28°21	16°38	4°19	6°24	12°17	16°19	22° 2	23°26	11°51	2°56	S 9
S 10	11 48 42	29° 5'46	6♓ 2	12°12	14°10	28°59	16°51	4°17	6°27	12°15	16°20	21°52	23°23	11°58	2°58	S 10
M11	11 52 39	0♈ 5'11	18° 9	13°54	15°24	29°37	17° 3	4°15	6°30	12°14	16°22	21°42	23°20	12° 5	3° 1	M11
T 12	11 56 35	1° 4'33	0♈25	15°38	16°39	0♊14	17°15	4°14	6°34	12°13	16°23	21°32	23°16	12°11	3° 4	T 12
W13	12 0 32	2° 3'53	12°51	17°23	17°53	0°52	17°27	4°12	6°37	12°12	16°24	21°25	23°13	12°18	3° 7	W13
T 14	12 4 28	3° 3'11	25°27	19° 9	19° 7	1°30	17°39	4°11	6°41	12°12	16°26	21°19	23°10	12°25	3°10	T 14
F 15	12 8 25	4° 2'27	8♉14	20°57	20°22	2° 7	17°51	4° 9	6°44	12°11	16°27	21°16	23° 7	12°31	3°13	F 15
S 16	12 12 21	5° 1'41	21°13	22°46	21°36	2°45	18° 3	4° 8	6°48	12°10	16°28	21°D16	23° 4	12°38	3°17	S 16
S 17	12 16 18	6° 0'53	4♊25	24°36	22°50	3°23	18°15	4° 7	6°51	12° 9	16°30	21°16	23° 0	12°45	3°20	S 17
M18	12 20 14	7° 0'02	17°51	26°28	24° 4	4° 0	18°27	4° 6	6°54	12° 8	16°31	21°17	22°57	12°52	3°23	M18
T 19	12 24 11	7°59'09	1♋32	28°21	25°19	4°38	18°39	4° 5	6°58	12° 7	16°33	21°R18	22°54	12°58	3°27	T 19
W20	12 28 8	8°58'14	15°30	0♈16	26°33	5°16	18°50	4° 5	7° 1	12° 6	16°34	21°18	22°51	13° 5	3°30	W20
T 21	12 32 4	9°57'16	29°44	2°12	27°47	5°54	19° 2	4° 4	7° 5	12° 6	16°35	21°17	22°48	13°12	3°33	T 21
F 22	12 36 1	10°56'16	14♌13	4° 9	29° 1	6°31	19°13	4° 3	7° 8	12° 5	16°37	21°13	22°45	13°19	3°37	F 22
S 23	12 39 57	11°55'13	28°51	6° 8	0♈16	7° 9	19°25	4° 3	7°12	12° 4	16°38	21° 9	22°41	13°25	3°40	S 23
S 24	12 43 54	12°54'08	13♍34	8° 8	1°30	7°47	19°36	4° 3	7°15	12° 4	16°40	21° 3	22°38	13°32	3°44	S 24
M25	12 47 50	13°53'01	28°14	10° 9	2°44	8°24	19°47	4° 2	7°18	12° 3	16°41	20°57	22°35	13°39	3°48	M25
T 26	12 51 47	14°51'52	12♎44	12°11	3°58	9° 2	19°58	4°D 2	7°22	12° 2	16°42	20°52	22°32	13°45	3°51	T 26
W27	12 55 43	15°50'41	26°58	14°15	5°12	9°40	20° 9	4° 2	7°25	12° 2	16°44	20°49	22°29	13°52	3°55	W27
T 28	12 59 40	16°49'27	10♏50	16°19	6°26	10°17	20°20	4° 2	7°29	12° 1	16°45	20°47	22°26	13°59	3°59	T 28
F 29	13 3 37	17°48'12	24°18	18°25	7°41	10°55	20°31	4° 3	7°32	12° 1	16°47	20°D46	22°22	14° 6	4° 3	F 29
S 30	13 7 33	18°46'56	7♐22	20°31	8°55	11°33	20°41	4° 3	7°36	12° 0	16°48	20°47	22°19	14°12	4° 7	S 30
S 31	13 11 30	19♈45'37	20♐ 5	22♈37	10♈ 9	12♊11	20♒52	4♌ 3	7♈39	12♌ 0	16♈50	20♉49	22♉16	14♒19	4♊11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s54	16s17	0n32	14s10	2s 3	11s36	1s16	19n43	1n 6	16s58	0s37	20n 1	0n53	1n45	0s40	17n18	0n12	9s12	16s51	18n26	18n47	22s20	16n21	4s27
S 2	3 31	20 42	0s38	13 41	2 6	11 10	1 17	19 52	1 6	16 55	0 37	20 1	0 53	1 47	0 40	17 19	0 12	9 11	16 51	18 26	18 46	22 19	16 22	4 27
S 3	3 7	24 0	1 43	13 12	2 9	10 44	1 19	20 2	1 6	16 51	0 37	20 2	0 53	1 48	0 40	17 19	0 12	9 10	16 51	18 26	18 45	22 17	16 23	4 27
M 4	2 44	26 5	2 42	12 40	2 12	10 18	1 20	20 11	1 7	16 47	0 37	20 3	0 53	1 49	0 40	17 19	0 12	9 10	16 50	18 26	18 44	22 15	16 23	4 27
T 5	2 20	26 53	3 33	12 8	2 14	9 51	1 21	20 21	1 7	16 44	0 37	20 3	0 53	1 51	0 40	17 20	0 12	9 9	16 50	18 26	18 44	22 14	16 24	4 26
W 6	1 56	26 24	4 14	11 34	2 15	9 24	1 22	20 30	1 7	16 40	0 37	20 4	0 53	1 52	0 40	17 20	0 12	9 8	16 50	18 25	18 43	22 12	16 25	4 26
T 7	1 33	24 44	4 43	10 59	2 17	8 56	1 23	20 39	1 8	16 36	0 38	20 4	0 53	1 53	0 40	17 20	0 12	9 8	16 50	18 23	18 42	22 10	16 25	4 26
F 8	1 9	21 59	5 0	10 23	2 17	8 29	1 23	20 48	1 8	16 33	0 38	20 5	0 53	1 55	0 40	17 21	0 12	9 7	16 50	18 22	18 41	22 8	16 26	4 26
S 9	0 45	18 19	5 5	9 46	2 18	8 1	1 24	20 57	1 8	16 29	0 38	20 5	0 53	1 56	0 40	17 21	0 12	9 7	16 50	18 19	18 40	22 7	16 27	4 26
S 10	0 22	13 54	4 56	9 7	2 18	7 33	1 25	21 5	1 9	16 26	0 38	20 6	0 53	1 57	0 40	17 21	0 12	9 6	16 50	18 16	18 40	22 5	16 28	4 25
M11	0n 2	8 53	4 34	8 27	2 17	7 5	1 25	21 14	1 9	16 22	0 38	20 6	0 53	1 59	0 40	17 22	0 12	9 5	16 49	18 14	18 39	22 3	16 28	4 25
T 12	0 26	3 28	3 58	7 46	2 16	6 36	1 26	21 22	1 9	16 18	0 38	20 6	0 53	2 0	0 40	17 22	0 12	9 5	16 49	18 11	18 38	22 1	16 29	4 25
W13	0 49	2n 9	3 11	7 3	2 14	6 8	1 27	21 31	1 9	16 15	0 38	20 7	0 53	2 1	0 40	17 22	0 12	9 4	16 49	18 9	18 37	22 0	16 30	4 25
T 14	1 13	7 47	2 14	6 20	2 12	5 39	1 27	21 39	1 10	16 11	0 39	20 7	0 53	2 3	0 40	17 23	0 12	9 4	16 49	18 8	18 36	21 58	16 31	4 25
F 15	1 37	13 11	1 10	5 35	2 10	5 10	1 27	21 46	1 10	16 8	0 39	20 7	0 53	2 4	0 40	17 23	0 12	9 3	16 49	18 7	18 36	21 56	16 31	4 24
S 16	2 0	18 6	0 0	4 49	2 7	4 41	1 28	21 54	1 10	16 4	0 39	20 8	0 53	2 6	0 40	17 23	0 12	9 2	16 49	18 7	18 35	21 54	16 32	4 24
S 17	2 24	22 14	1n10	4 2	2 3	4 12	1 28	22 2	1 10	16 1	0 39	20 8	0 53	2 7	0 40	17 23	0 12	9 2	16 49	18 7	18 34	21 52	16 33	4 24
M18	2 47	25 14	2 19	3 14	1 59	3 42	1 28	22 9	1 11	15 57	0 39	20 8	0 53	2 8	0 40	17 24	0 12	9 1	16 49	18 7	18 33	21 51	16 34	4 24
T 19	3 10	26 49	3 20	2 24	1 54	3 13	1 28	22 16	1 11	15 54	0 39	20 8	0 53	2 10	0 40	17 24	0 12	9 1	16 49	18 8	18 32	21 49	16 34	4 24
W20	3 34	26 45	4 11	1 34	1 49	2 44	1 28	22 24	1 11	15 50	0 40	20 9	0 53	2 11	0 40	17 24	0 12	9 0	16 49	18 8	18 32	21 47	16 35	4 24
T 21	3 57	24 56	4 48	0 43	1 44	2 14	1 28	22 31	1 11	15 47	0 40	20 9	0 53	2 12	0 40	17 24	0 12	9 0	16 49	18 7	18 31	21 45	16 36	4 23
F 22	4 20	21 30	5 7	0n10	1 38	1 44	1 28	22 37	1 12	15 44	0 40	20 9	0 53	2 14	0 40	17 24	0 12	8 59	16 49	18 6	18 30	21 43	16 37	4 23
S 23	4 43	16 41	5 7	1 3	1 31	1 15	1 28	22 44	1 12	15 40	0 40	20 9	0 53	2 15	0 40	17 25	0 12	8 58	16 49	18 5	18 29	21 41	16 38	4 23
S 24	5 6	10 52	4 46	1 57	1 24	0 45	1 28	22 50	1 12	15 37	0 40	20 9	0 53	2 16	0 40	17 25	0 12	8 58	16 49	18 4	18 28	21 40	16 38	4 23
M25	5 29	4 29	4 7	2 52	1 16	0 15	1 28	22 57	1 12	15 33	0 41	20 9	0 53	2 18	0 40	17 25	0 12	8 57	16 49	18 2	18 28	21 38	16 39	4 23
T 26	5 52	2s 6	3 12	3 47	1 8	0n15	1 27	23 3	1 12	15 30	0 41	20 9	0 53	2 19	0 40	17 25	0 12	8 57	16 49	18 1	18 27	21 36	16 40	4 23
W27	6 15	8 27	2 6	4 43	0 59	0 45	1 27	23 9	1 12	15 27	0 41	20 9	0 53	2 20	0 40	17 25	0 12	8 56	16 49	18 0	18 26	21 34	16 41	4 23
T 28	6 38	14 15	0 54	5 39	0 50	1 14	1 26	23 14	1 13	15 24	0 41	20 9	0 53	2 22	0 40	17 25	0 12	8 56	16 49	17 59	18 25	21 32	16 42	4 22
F 29	7 0	19 12	0s19	6 36	0 41	1 44	1 26	23 20	1 13	15 20	0 41	20 9	0 53	2 23	0 40	17 26	0 12	8 55	16 48	17 59	18 24	21 30	16 43	4 22
S 30	7 22	23 4	1 29	7 33	0 31	2 14	1 25	23 25	1 13	15 17	0 41	20 9	0 53	2 24	0 40	17 26	0 12	8 55	16 48	17 59	18 23	21 28	16 43	4 22
S 31	7n45	25s40	2s33	8n30	0s21	2n44	1s25	23n31	1n13	15s14	0s42	20n 9	0n53	2n26	0s40	17n26	0n12	8s54	16s49	18n 0	18n23	21s27	16n44	4s22

Julian Day Number = 2303325.5, Delta T = 96.96 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'36, Lahiri = 18°11'37 Julian Calendar 1 March 1594 == Greg. Calendar 11 March 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

APRIL 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 15 26	20♈44'17	2♉28	24♈44	11♈23	12♊48	21♒ 2	4♌ 4	7♈42	12°R 0	16♈51	20♉50	22♉13	14♒26	4♊15	M 1
T 2	13 19 23	21°42'55	14°36	26°51	12°37	13°26	21°13	4° 5	7°46	11♌59	16°52	20°52	22°10	14°32	4°19	T 2
W 3	13 23 19	22°41'31	26°35	28°58	13°51	14° 4	21°23	4° 5	7°49	11°59	16°54	20°R52	22° 6	14°39	4°23	W 3
T 4	13 27 16	23°40'06	8♒28	1♉ 4	15° 5	14°41	21°33	4° 6	7°52	11°58	16°55	20°51	22° 3	14°46	4°27	T 4
F 5	13 31 12	24°38'39	20°20	3°10	16°19	15°19	21°43	4° 7	7°56	11°58	16°57	20°48	22° 0	14°53	4°31	F 5
S 6	13 35 9	25°37'10	2♓17	5°14	17°33	15°57	21°53	4° 8	7°59	11°58	16°58	20°45	21°57	14°59	4°35	S 6
S 7	13 39 6	26°35'39	14°20	7°17	18°47	16°34	22° 3	4°10	8° 2	11°58	16°59	20°41	21°54	15° 6	4°39	S 7
M 8	13 43 2	27°34'07	26°34	9°18	20° 1	17°12	22°12	4°11	8° 6	11°58	17° 1	20°38	21°51	15°13	4°44	M 8
T 9	13 46 59	28°32'33	9♈ 0	11°17	21°16	17°50	22°22	4°12	8° 9	11°57	17° 2	20°34	21°47	15°20	4°48	T 9
W10	13 50 55	29°30'57	21°40	13°14	22°30	18°27	22°31	4°14	8°12	11°57	17° 4	20°31	21°44	15°26	4°52	W10
T 11	13 54 52	0♉29'19	4♉35	15° 8	23°44	19° 5	22°41	4°15	8°15	11°57	17° 5	20°29	21°41	15°33	4°57	T 11
F 12	13 58 48	1°27'40	17°43	16°59	24°58	19°43	22°50	4°17	8°19	11°57	17° 6	20°D29	21°38	15°40	5° 1	F 12
S 13	14 2 45	2°25'58	1♊ 5	18°47	26°12	20°20	22°59	4°19	8°22	11°D57	17° 8	20°29	21°35	15°46	5° 6	S 13
S 14	14 6 41	3°24'15	14°39	20°32	27°26	20°58	23° 8	4°21	8°25	11°57	17° 9	20°30	21°32	15°53	5°10	S 14
M15	14 10 38	4°22'30	28°25	22°13	28°40	21°36	23°17	4°23	8°28	11°57	17°10	20°31	21°28	16° 0	5°15	M15
T 16	14 14 35	5°20'43	12♋21	23°50	29°54	22°13	23°25	4°25	8°31	11°57	17°12	20°32	21°25	16° 7	5°19	T 16
W17	14 18 31	6°18'54	26°25	25°24	1♉ 8	22°51	23°34	4°27	8°34	11°57	17°13	20°33	21°22	16°13	5°24	W17
T 18	14 22 28	7°17'02	10♌37	26°54	2°21	23°29	23°42	4°30	8°38	11°58	17°15	20°R33	21°19	16°20	5°28	T 18
F 19	14 26 24	8°15'09	24°53	28°19	3°35	24° 6	23°51	4°32	8°41	11°58	17°16	20°33	21°16	16°27	5°33	F 19
S 20	14 30 21	9°13'13	9♍10	29°41	4°49	24°44	23°59	4°35	8°44	11°58	17°17	20°32	21°12	16°33	5°38	S 20
S 21	14 34 17	10°11'16	23°27	0♊59	6° 3	25°22	24° 7	4°37	8°47	11°58	17°19	20°31	21° 9	16°40	5°42	S 21
M22	14 38 14	11° 9'16	7♎38	2°12	7°17	25°59	24°15	4°40	8°50	11°59	17°20	20°29	21° 6	16°47	5°47	M22
T 23	14 42 10	12° 7'15	21°41	3°21	8°31	26°37	24°23	4°43	8°53	11°59	17°21	20°28	21° 3	16°54	5°52	T 23
W24	14 46 7	13° 5'12	5♏30	4°25	9°45	27°14	24°30	4°46	8°56	11°59	17°22	20°28	21° 0	17° 0	5°57	W24
T 25	14 50 4	14° 3'08	19° 3	5°25	10°59	27°52	24°38	4°49	8°59	12° 0	17°24	20°D28	20°57	17° 7	6° 1	T 25
F 26	14 54 0	15° 1'02	2♐19	6°21	12°13	28°30	24°45	4°52	9° 2	12° 0	17°25	20°28	20°53	17°14	6° 6	F 26
S 27	14 57 57	15°58'55	15°16	7°12	13°26	29° 7	24°52	4°55	9° 5	12° 0	17°26	20°28	20°50	17°21	6°11	S 27
S 28	15 1 53	16°56'46	27°55	7°58	14°40	29°45	24°59	4°59	9° 8	12° 1	17°28	20°28	20°47	17°27	6°16	S 28
M29	15 5 50	17°54'36	10♑19	8°40	15°54	0♋22	25° 6	5° 2	9°10	12° 1	17°29	20°29	20°44	17°34	6°21	M29
T 30	15 9 46	18♑52'24	22♑28	9♊17	17♉ 8	1♋ 0	25♒13	5♌ 5	9♈13	12♌ 2	17♈30	20♉29	20♉41	17♒41	6♊26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 7	26s57	3s28	9n26	0s11	3n14	1s24	23n36	1n13	15s11	0s42	20n 9	0n53	2n27	0s40	17n26	0n12	8s54	16s49	18n 0	18n22	21s25	16n45	4s22
T 2	8 29	26 53	4 13	10 22	0n 0	3 43	1 23	23 41	1 13	15 8	0 42	20 9	0 53	2 28	0 40	17 26	0 12	8 53	16 49	18 1	18 21	21 23	16 46	4 22
W 3	8 51	25 33	4 46	11 18	0 11	4 13	1 22	23 45	1 14	15 4	0 42	20 8	0 53	2 30	0 40	17 26	0 12	8 53	16 49	18 1	18 20	21 21	16 47	4 22
T 4	9 13	23 6	5 6	12 13	0 22	4 42	1 21	23 50	1 14	15 1	0 42	20 8	0 53	2 31	0 40	17 26	0 12	8 52	16 49	18 0	18 19	21 19	16 48	4 21
F 5	9 34	19 41	5 13	13 6	0 33	5 12	1 20	23 54	1 14	14 58	0 43	20 8	0 53	2 32	0 40	17 26	0 12	8 52	16 49	18 0	18 19	21 17	16 48	4 21
S 6	9 56	15 27	5 7	13 59	0 44	5 41	1 19	23 59	1 14	14 55	0 43	20 8	0 53	2 34	0 40	17 26	0 12	8 51	16 49	17 59	18 18	21 15	16 49	4 21
S 7	10 17	10 35	4 47	14 50	0 54	6 10	1 18	24 3	1 14	14 52	0 43	20 7	0 53	2 35	0 40	17 26	0 12	8 51	16 49	17 58	18 17	21 13	16 50	4 21
M 8	10 38	5 15	4 14	15 39	1 5	6 39	1 17	24 6	1 14	14 49	0 43	20 7	0 53	2 36	0 40	17 27	0 12	8 50	16 49	17 57	18 16	21 11	16 51	4 21
T 9	10 59	0n23	3 29	16 27	1 15	7 8	1 16	24 10	1 14	14 46	0 43	20 7	0 53	2 38	0 40	17 27	0 12	8 50	16 49	17 56	18 15	21 9	16 52	4 21
W10	11 20	6 7	2 32	17 12	1 25	7 37	1 15	24 14	1 15	14 44	0 44	20 6	0 53	2 39	0 40	17 27	0 12	8 49	16 49	17 55	18 14	21 7	16 53	4 21
T 11	11 40	11 43	1 26	17 55	1 35	8 5	1 14	24 17	1 15	14 41	0 44	20 6	0 53	2 40	0 40	17 27	0 12	8 49	16 49	17 55	18 14	21 5	16 54	4 21
F 12	12 1	16 55	0 15	18 36	1 44	8 34	1 12	24 20	1 15	14 38	0 44	20 6	0 53	2 41	0 40	17 27	0 12	8 48	16 49	17 55	18 13	21 3	16 54	4 21
S 13	12 21	21 22	0n58	19 15	1 52	9 2	1 11	24 23	1 15	14 35	0 44	20 5	0 53	2 43	0 40	17 27	0 12	8 48	16 49	17 55	18 12	21 2	16 55	4 21
S 14	12 41	24 45	2 9	19 51	2 0	9 30	1 9	24 26	1 15	14 32	0 45	20 5	0 53	2 44	0 40	17 27	0 12	8 48	16 49	17 55	18 11	21 0	16 56	4 21
M15	13 0	26 43	3 14	20 25	2 7	9 58	1 8	24 28	1 15	14 30	0 45	20 4	0 53	2 45	0 40	17 27	0 12	8 47	16 49	17 55	18 10	20 58	16 57	4 20
T 16	13 20	27 3	4 9	20 56	2 13	10 26	1 6	24 31	1 15	14 27	0 45	20 4	0 53	2 46	0 40	17 27	0 12	8 47	16 49	17 55	18 9	20 56	16 58	4 20
W17	13 39	25 38	4 48	21 24	2 19	10 53	1 5	24 33	1 15	14 24	0 45	20 3	0 53	2 48	0 40	17 27	0 12	8 46	16 49	17 56	18 9	20 54	16 59	4 20
T 18	13 58	22 36	5 11	21 50	2 24	11 20	1 3	24 35	1 15	14 22	0 45	20 3	0 53	2 49	0 40	17 27	0 12	8 46	16 50	17 56	18 8	20 52	17 0	4 20
F 19	14 17	18 12	5 15	22 14	2 28	11 47	1 1	24 37	1 15	14 19	0 46	20 2	0 53	2 50	0 40	17 27	0 12	8 45	16 50	17 56	18 7	20 50	17 0	4 20
S 20	14 36	12 46	4 59	22 35	2 31	12 13	1 0	24 39	1 15	14 17	0 46	20 1	0 53	2 51	0 40	17 26	0 12	8 45	16 50	17 55	18 6	20 48	17 1	4 20
S 21	14 54	6 40	4 25	22 54	2 33	12 40	0 58	24 40	1 15	14 14	0 46	20 1	0 53	2 53	0 40	17 26	0 12	8 45	16 50	17 55	18 5	20 46	17 2	4 20
M22	15 13	0 15	3 35	23 10	2 34	13 5	0 56	24 41	1 16	14 12	0 46	20 0	0 53	2 54	0 40	17 26	0 12	8 44	16 50	17 55	18 4	20 44	17 3	4 20
T 23	15 30	6s 6	2 33	23 24	2 35	13 31	0 54	24 43	1 16	14 9	0 47	19 59	0 53	2 55	0 40	17 26	0 12	8 44	16 50	17 54	18 4	20 42	17 4	4 20
W24	15 48	12 6	1 22	23 36	2 34	13 56	0 52	24 44	1 16	14 7	0 47	19 59	0 53	2 56	0 40	17 26	0 12	8 44	16 50	17 54	18 3	20 40	17 5	4 20
T 25	16 6	17 24	0 8	23 45	2 33	14 21	0 50	24 44	1 16	14 5	0 47	19 58	0 53	2 57	0 40	17 26	0 12	8 43	16 50	17 54	18 2	20 38	17 6	4 20
F 26	16 23	21 44	1s 5	23 53	2 30	14 46	0 48	24 45	1 16	14 3	0 47	19 57	0 53	2 58	0 40	17 26	0 12	8 43	16 51	17 54	18 1	20 35	17 6	4 20
S 27	16 40	24 53	2 13	23 58	2 26	15 10	0 46	24 45	1 16	14 0	0 47	19 56	0 53	2 59	0 40	17 26	0 12	8 43	16 51	17 54	18 0	20 33	17 7	4 20
S 28	16 56	26 42	3 13	24 1	2 22	15 34	0 44	24 45	1 16	13 58	0 48	19 56	0 53	3 1	0 40	17 26	0 12	8 42	16 51	17 54	17 59	20 31	17 8	4 20
M29	17 12	27 7	4 2	24 2	2 16	15 58	0 42	24 45	1 16	13 56	0 48	19 55	0 53	3 2	0 40	17 26	0 12	8 42	16 51	17 55	17 59	20 29	17 9	4 20
T 30	17n28	26s13	4s40	24n 1	2n 9	16n21	0s40	24n45	1n16	13s54	0s48	19n54	0n53	3n 3	0s40	17n25	0n12	8s42	16s51	17n55	17n58	20s27	17n10	4s20

Julian Day Number = 2303356.5, Delta T = 96.83 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'41, Lahiri = 18°11'41 Julian Calendar 1 Apr. 1594 == Greg. Calendar 11 Apr. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

MAY 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 13 43	19♉50'12	4♒29	9♊49	18♉22	1♋38	25♒19	5♌ 9	9♈16	12♌ 3	17♈31	20♉29	20♉38	17♒47	6♊31	W 1
T 2	15 17 39	20°47'58	16°23	10°16	19°36	2°15	25°26	5°13	9°19	12° 3	17°32	20°29	20°34	17°54	6°36	T 2
F 3	15 21 36	21°45'43	28°17	10°39	20°50	2°53	25°32	5°17	9°22	12° 4	17°34	20°29	20°31	18° 1	6°41	F 3
S 4	15 25 33	22°43'27	10♓14	10°56	22° 3	3°30	25°38	5°20	9°24	12° 4	17°35	20°29	20°28	18° 8	6°45	S 4
S 5	15 29 29	23°41'09	22°19	11° 9	23°17	4° 8	25°44	5°24	9°27	12° 5	17°36	20°29	20°25	18°14	6°50	S 5
M 6	15 33 26	24°38'51	4♈36	11°17	24°31	4°46	25°50	5°28	9°30	12° 6	17°37	20°30	20°22	18°21	6°55	M 6
T 7	15 37 22	25°36'31	17° 9	11°R20	25°45	5°23	25°55	5°32	9°32	12° 7	17°38	20°30	20°18	18°28	7° 0	T 7
W 8	15 41 19	26°34'11	29°59	11°18	26°59	6° 1	26° 1	5°37	9°35	12° 7	17°40	20°31	20°15	18°35	7° 6	W 8
T 9	15 45 15	27°31'49	13♉ 9	11°12	28°12	6°38	26° 6	5°41	9°37	12° 8	17°41	20°31	20°12	18°41	7°11	T 9
F 10	15 49 12	28°29'26	26°38	11° 2	29°26	7°16	26°11	5°45	9°40	12° 9	17°42	20°R31	20° 9	18°48	7°16	F 10
S 11	15 53 8	29°27'02	10♊25	10°47	0♊40	7°54	26°16	5°50	9°42	12°10	17°43	20°31	20° 6	18°55	7°21	S 11
S 12	15 57 5	0♊24'37	24°27	10°29	1°54	8°31	26°21	5°54	9°45	12°11	17°44	20°30	20° 3	19° 1	7°26	S 12
M13	16 1 2	1°22'11	8♋39	10° 7	3° 7	9° 9	26°26	5°59	9°47	12°12	17°45	20°29	19°59	19° 8	7°31	M13
T 14	16 4 58	2°19'43	22°59	9°41	4°21	9°46	26°30	6° 4	9°50	12°13	17°46	20°27	19°56	19°15	7°36	T 14
W15	16 8 55	3°17'14	7♌21	9°14	5°35	10°24	26°34	6° 8	9°52	12°14	17°47	20°26	19°53	19°22	7°41	W15
T 16	16 12 51	4°14'44	21°41	8°44	6°49	11° 2	26°38	6°13	9°54	12°15	17°48	20°25	19°50	19°28	7°46	T 16
F 17	16 16 48	5°12'12	5♍55	8°12	8° 2	11°39	26°42	6°18	9°57	12°16	17°49	20°D25	19°47	19°35	7°51	F 17
S 18	16 20 44	6° 9'38	20° 2	7°39	9°16	12°17	26°46	6°23	9°59	12°17	17°50	20°25	19°44	19°42	7°56	S 18
S 19	16 24 41	7° 7'04	4♎ 0	7° 5	10°30	12°54	26°50	6°28	10° 1	12°18	17°51	20°26	19°40	19°48	8° 1	S 19
M20	16 28 37	8° 4'28	17°47	6°32	11°44	13°32	26°53	6°33	10° 3	12°19	17°52	20°27	19°37	19°55	8° 7	M20
T 21	16 32 34	9° 1'51	1♏22	5°59	12°57	14° 9	26°56	6°39	10° 6	12°21	17°53	20°29	19°34	20° 2	8°12	T 21
W22	16 36 31	9°59'13	14°45	5°27	14°11	14°47	26°59	6°44	10° 8	12°22	17°54	20°R29	19°31	20° 9	8°17	W22
T 23	16 40 27	10°56'34	27°55	4°57	15°25	15°25	27° 2	6°49	10°10	12°23	17°55	20°29	19°28	20°15	8°22	T 23
F 24	16 44 24	11°53'54	10♐51	4°29	16°38	16° 2	27° 5	6°55	10°12	12°24	17°56	20°28	19°24	20°22	8°27	F 24
S 25	16 48 20	12°51'14	23°34	4° 3	17°52	16°40	27° 7	7° 0	10°14	12°26	17°57	20°26	19°21	20°29	8°32	S 25
S 26	16 52 17	13°48'33	6♑ 4	3°41	19° 6	17°17	27° 9	7° 6	10°16	12°27	17°58	20°23	19°18	20°36	8°37	S 26
M27	16 56 13	14°45'51	18°22	3°22	20°19	17°55	27°12	7°11	10°18	12°28	17°59	20°19	19°15	20°42	8°42	M27
T 28	17 0 10	15°43'08	0♒29	3° 7	21°33	18°32	27°13	7°17	10°19	12°30	18° 0	20°15	19°12	20°49	8°47	T 28
W29	17 4 7	16°40'25	12°28	2°56	22°47	19°10	27°15	7°23	10°21	12°31	18° 0	20°11	19° 9	20°56	8°52	W29
T 30	17 8 3	17°37'42	24°22	2°49	24° 1	19°48	27°17	7°29	10°23	12°32	18° 1	20° 8	19° 5	21° 2	8°58	T 30
F 31	17 12 0	18♊34'58	6♓15	2°D47	25♊14	20♋25	27♒18	7♌35	10♈25	12♌34	18♈ 2	20♉ 6	19♉ 2	21♒ 9	9♊ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n44	24s 7	5s 5	23n59	2n 2	16n43	0s38	24n45	1n16	13s52	0s48	19n53	0n53	3n 4	0s40	17n25	0n12	8s41	16s51	17n55	17n57	20s25	17n10	4s20
T 2	18 0	20 59	5 16	23 54	1 53	17 6	0 36	24 44	1 16	13 50	0 49	19 52	0 53	3 5	0 40	17 25	0 12	8 41	16 52	17 55	17 56	20 23	17 11	4 20
F 3	18 15	17 0	5 14	23 48	1 43	17 27	0 34	24 44	1 16	13 48	0 49	19 51	0 53	3 6	0 40	17 25	0 12	8 41	16 52	17 55	17 55	20 21	17 12	4 20
S 4	18 30	12 21	4 58	23 39	1 32	17 49	0 32	24 43	1 16	13 47	0 49	19 50	0 53	3 7	0 40	17 25	0 12	8 41	16 52	17 55	17 54	20 19	17 13	4 20
S 5	18 44	7 11	4 29	23 30	1 21	18 10	0 29	24 42	1 16	13 45	0 49	19 49	0 53	3 8	0 40	17 25	0 13	8 40	16 52	17 55	17 54	20 17	17 14	4 20
M 6	18 58	1 39	3 48	23 18	1 8	18 30	0 27	24 40	1 16	13 43	0 50	19 48	0 53	3 9	0 40	17 24	0 13	8 40	16 52	17 55	17 53	20 15	17 14	4 20
T 7	19 12	4n 4	2 54	23 5	0 54	18 50	0 25	24 39	1 16	13 41	0 50	19 47	0 53	3 10	0 40	17 24	0 13	8 40	16 53	17 55	17 52	20 13	17 15	4 20
W 8	19 26	9 46	1 51	22 51	0 40	19 10	0 23	24 37	1 16	13 40	0 50	19 46	0 53	3 11	0 40	17 24	0 13	8 40	16 53	17 55	17 51	20 11	17 16	4 20
T 9	19 39	15 11	0 41	22 35	0 25	19 29	0 20	24 35	1 16	13 38	0 50	19 45	0 53	3 12	0 40	17 24	0 13	8 39	16 53	17 55	17 50	20 8	17 17	4 20
F 10	19 52	20 0	0n34	22 18	0 9	19 47	0 18	24 34	1 16	13 37	0 51	19 44	0 53	3 13	0 40	17 23	0 13	8 39	16 53	17 55	17 49	20 6	17 18	4 20
S 11	20 5	23 50	1 48	22 0	0s 7	20 5	0 16	24 31	1 16	13 35	0 51	19 43	0 53	3 14	0 40	17 23	0 13	8 39	16 53	17 55	17 48	20 4	17 18	4 20
S 12	20 17	26 19	2 57	21 40	0 24	20 22	0 13	24 29	1 16	13 34	0 51	19 42	0 53	3 15	0 40	17 23	0 13	8 39	16 54	17 55	17 48	20 2	17 19	4 20
M13	20 29	27 8	3 56	21 20	0 41	20 39	0 11	24 26	1 16	13 33	0 51	19 41	0 53	3 16	0 40	17 23	0 13	8 39	16 54	17 55	17 47	20 0	17 20	4 20
T 14	20 40	26 8	4 40	20 59	0 59	20 55	0 9	24 24	1 16	13 31	0 52	19 39	0 53	3 17	0 40	17 22	0 13	8 38	16 54	17 54	17 46	19 58	17 21	4 20
W15	20 52	23 26	5 8	20 38	1 16	21 11	0 6	24 21	1 16	13 30	0 52	19 38	0 53	3 18	0 41	17 22	0 13	8 38	16 54	17 54	17 45	19 56	17 21	4 20
T 16	21 3	19 17	5 16	20 16	1 34	21 26	0 4	24 18	1 16	13 29	0 52	19 37	0 53	3 19	0 41	17 22	0 13	8 38	16 55	17 54	17 44	19 54	17 22	4 20
F 17	21 13	14 4	5 4	19 54	1 51	21 40	0 1	24 14	1 16	13 28	0 53	19 36	0 53	3 20	0 41	17 22	0 13	8 38	16 55	17 54	17 43	19 51	17 23	4 21
S 18	21 23	8 10	4 35	19 32	2 7	21 54	0n 1	24 11	1 16	13 27	0 53	19 35	0 53	3 20	0 41	17 21	0 13	8 38	16 55	17 54	17 42	19 49	17 24	4 21
S 19	21 33	1 54	3 49	19 11	2 23	22 8	0 3	24 7	1 16	13 26	0 53	19 33	0 53	3 21	0 41	17 21	0 13	8 38	16 55	17 54	17 42	19 47	17 24	4 21
M20	21 42	4s22	2 51	18 50	2 39	22 20	0 6	24 4	1 16	13 25	0 53	19 32	0 53	3 22	0 41	17 21	0 13	8 38	16 56	17 54	17 41	19 45	17 25	4 21
T 21	21 51	10 22	1 43	18 30	2 53	22 32	0 8	24 0	1 16	13 24	0 54	19 31	0 53	3 23	0 41	17 20	0 13	8 37	16 56	17 55	17 40	19 43	17 26	4 21
W22	22 0	15 48	0 32	18 11	3 7	22 44	0 10	23 56	1 16	13 23	0 54	19 29	0 53	3 24	0 41	17 20	0 13	8 37	16 56	17 55	17 39	19 41	17 26	4 21
T 23	22 8	20 24	0s41	17 54	3 20	22 54	0 13	23 51	1 16	13 23	0 54	19 28	0 53	3 25	0 41	17 20	0 13	8 37	16 56	17 55	17 38	19 38	17 27	4 21
F 24	22 16	23 56	1 50	17 38	3 31	23 4	0 15	23 47	1 16	13 22	0 54	19 27	0 53	3 25	0 41	17 19	0 13	8 37	16 57	17 54	17 37	19 36	17 28	4 21
S 25	22 23	26 12	2 52	17 23	3 41	23 14	0 18	23 42	1 16	13 21	0 55	19 25	0 53	3 26	0 41	17 19	0 13	8 37	16 57	17 54	17 36	19 34	17 28	4 21
S 26	22 31	27 6	3 45	17 10	3 50	23 23	0 20	23 37	1 15	13 21	0 55	19 24	0 53	3 27	0 41	17 19	0 13	8 37	16 57	17 53	17 36	19 32	17 29	4 21
M27	22 37	26 37	4 26	16 59	3 58	23 31	0 22	23 32	1 15	13 20	0 55	19 22	0 53	3 28	0 41	17 18	0 13	8 37	16 58	17 52	17 35	19 30	17 30	4 22
T 28	22 44	24 53	4 55	16 50	4 4	23 38	0 25	23 27	1 15	13 20	0 56	19 21	0 53	3 28	0 41	17 18	0 13	8 37	16 58	17 51	17 34	19 27	17 30	4 22
W29	22 49	22 3	5 10	16 43	4 9	23 45	0 27	23 22	1 15	13 20	0 56	19 20	0 53	3 29	0 41	17 17	0 13	8 37	16 58	17 50	17 33	19 25	17 31	4 22
T 30	22 55	18 20	5 12	16 39	4 12	23 51	0 29	23 16	1 15	13 19	0 56	19 18	0 53	3 30	0 41	17 17	0 13	8 37	16 58	17 49	17 32	19 23	17 32	4 22
F 31	23n 0	13s53	5s 1	16n36	4s15	23n56	0n31	23n11	1n15	13s19	0s56	19n17	0n53	3n30	0s41	17n17	0n13	8s37	16s59	17n49	17n31	19s21	17n32	4s22

Julian Day Number = 2303386.5, Delta T = 96.71 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'45, Lahiri = 18°11'45 Julian Calendar 1 May 1594 == Greg. Calendar 11 May 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

JUNE 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 15 56	19♊32'14	18♓11	2♊49	26♊28	21♋ 3	27♒19	7♌41	10♈27	12♌35	18♈ 3	20°D 6	18♉59	21♒16	9♊ 8	S 1
S 2	17 19 53	20°29'29	0♈15	2°55	27°42	21°40	27°20	7°47	10°28	12°37	18° 4	20♉ 6	18°56	21°23	9°13	S 2
M 3	17 23 49	21°26'44	12°32	3° 6	28°55	22°18	27°21	7°53	10°30	12°38	18° 4	20° 7	18°53	21°29	9°18	M 3
T 4	17 27 46	22°23'59	25° 6	3°22	0♋ 9	22°55	27°21	7°59	10°31	12°40	18° 5	20° 9	18°49	21°36	9°23	T 4
W 5	17 31 42	23°21'14	8♉ 0	3°43	1°23	23°33	27°22	8° 5	10°33	12°41	18° 6	20°10	18°46	21°43	9°28	W 5
T 6	17 35 39	24°18'29	21°19	4° 8	2°36	24°11	27°R22	8°11	10°34	12°43	18° 6	20°R11	18°43	21°50	9°33	T 6
F 7	17 39 36	25°15'43	5♊ 1	4°37	3°50	24°48	27°22	8°17	10°36	12°45	18° 7	20°10	18°40	21°56	9°38	F 7
S 8	17 43 32	26°12'57	19° 7	5°12	5° 4	25°26	27°22	8°24	10°37	12°46	18° 8	20° 7	18°37	22° 3	9°43	S 8
S 9	17 47 29	27°10'11	3♋33	5°50	6°17	26° 3	27°21	8°30	10°39	12°48	18° 8	20° 3	18°34	22°10	9°48	S 9
M10	17 51 25	28° 7'25	18°13	6°33	7°31	26°41	27°21	8°37	10°40	12°50	18° 9	19°58	18°30	22°16	9°53	M10
T 11	17 55 22	29° 4'38	2♌59	7°20	8°45	27°19	27°20	8°43	10°41	12°51	18°10	19°52	18°27	22°23	9°58	T 11
W12	17 59 18	0♋ 1'51	17°44	8°12	9°58	27°56	27°19	8°50	10°42	12°53	18°10	19°47	18°24	22°30	10° 3	W12
T 13	18 3 15	0°59'03	2♍21	9° 8	11°12	28°34	27°18	8°56	10°44	12°55	18°11	19°43	18°21	22°37	10° 8	T 13
F 14	18 7 11	1°56'15	16°45	10° 8	12°26	29°12	27°16	9° 3	10°45	12°57	18°11	19°40	18°18	22°43	10°12	F 14
S 15	18 11 8	2°53'26	0♎52	11°12	13°39	29°49	27°15	9°10	10°46	12°58	18°12	19°D39	18°15	22°50	10°17	S 15
S 16	18 15 5	3°50'37	14°41	12°20	14°53	0♌27	27°13	9°16	10°47	13° 0	18°12	19°39	18°11	22°57	10°22	S 16
M17	18 19 1	4°47'48	28°13	13°32	16° 7	1° 4	27°11	9°23	10°48	13° 2	18°13	19°41	18° 8	23° 4	10°27	M17
T 18	18 22 58	5°44'58	11♏29	14°48	17°20	1°42	27° 9	9°30	10°49	13° 4	18°13	19°42	18° 5	23°10	10°32	T 18
W19	18 26 54	6°42'08	24°31	16° 8	18°34	2°20	27° 7	9°37	10°50	13° 6	18°14	19°R42	18° 2	23°17	10°37	W19
T 20	18 30 51	7°39'18	7♐19	17°32	19°47	2°57	27° 4	9°44	10°50	13° 7	18°14	19°40	17°59	23°24	10°41	T 20
F 21	18 34 47	8°36'28	19°56	18°59	21° 1	3°35	27° 1	9°51	10°51	13° 9	18°14	19°37	17°55	23°30	10°46	F 21
S 22	18 38 44	9°33'38	2♑23	20°31	22°15	4°13	26°59	9°58	10°52	13°11	18°15	19°31	17°52	23°37	10°51	S 22
S 23	18 42 40	10°30'48	14°41	22° 6	23°28	4°50	26°56	10° 5	10°53	13°13	18°15	19°23	17°49	23°44	10°55	S 23
M24	18 46 37	11°27'58	26°50	23°44	24°42	5°28	26°52	10°12	10°53	13°15	18°15	19°14	17°46	23°51	11° 0	M24
T 25	18 50 34	12°25'09	8♒51	25°26	25°55	6° 6	26°49	10°19	10°54	13°17	18°16	19° 4	17°43	23°57	11° 5	T 25
W26	18 54 30	13°22'19	20°47	27°11	27° 9	6°43	26°45	10°26	10°54	13°19	18°16	18°55	17°40	24° 4	11° 9	W26
T 27	18 58 27	14°19'30	2♓40	29° 0	28°23	7°21	26°42	10°33	10°55	13°21	18°16	18°46	17°36	24°11	11°14	T 27
F 28	19 2 23	15°16'42	14°31	0♋51	29°36	7°59	26°38	10°40	10°55	13°23	18°17	18°40	17°33	24°17	11°18	F 28
S 29	19 6 20	16°13'54	26°26	2°46	0♌50	8°36	26°33	10°48	10°56	13°25	18°17	18°36	17°30	24°24	11°23	S 29
S 30	19 10 16	17♋11'06	8♈28	4♋43	2♌ 3	9♌14	26♒29	10♌55	10♈56	13♌27	18♈17	18♉33	17♉27	24♒31	11♊27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	8s55	4s36	16n35	4s16	24n 0	0n34	23n 5	1n15	13s19	0s57	19n15	0n53	3n31	0s41	17n16	0n13	8s37	16s59	17n48	17n30	19s18	17n33	4s22
S 2	23 9	3 33	3 59	16 36	4 16	24 4	0 36	22 59	1 15	13 19	0 57	19 14	0 53	3 32	0 41	17 16	0 13	8 37	16 59	17 48	17 29	19 16	17 34	4 22
M 3	23 13	2n 2	3 11	16 40	4 15	24 7	0 38	22 53	1 15	13 19	0 57	19 12	0 53	3 32	0 41	17 15	0 13	8 37	17 0	17 49	17 29	19 14	17 34	4 23
T 4	23 16	7 41	2 13	16 45	4 12	24 10	0 40	22 46	1 15	13 19	0 58	19 10	0 53	3 33	0 41	17 15	0 13	8 37	17 0	17 49	17 28	19 12	17 35	4 23
W 5	23 20	13 10	1 6	16 52	4 9	24 12	0 42	22 40	1 15	13 19	0 58	19 9	0 53	3 33	0 41	17 14	0 13	8 37	17 0	17 50	17 27	19 9	17 35	4 23
T 6	23 22	18 14	0n 6	17 1	4 5	24 13	0 45	22 33	1 15	13 19	0 58	19 7	0 53	3 34	0 41	17 14	0 13	8 37	17 1	17 50	17 26	19 7	17 36	4 23
F 7	23 25	22 30	1 20	17 11	3 59	24 13	0 47	22 26	1 15	13 20	0 58	19 6	0 53	3 34	0 41	17 14	0 13	8 37	17 1	17 49	17 25	19 5	17 36	4 23
S 8	23 26	25 33	2 31	17 23	3 53	24 12	0 49	22 19	1 15	13 20	0 59	19 4	0 53	3 35	0 41	17 13	0 13	8 37	17 1	17 49	17 24	19 3	17 37	4 23
S 9	23 28	27 0	3 34	17 37	3 46	24 11	0 51	22 12	1 14	13 20	0 59	19 2	0 53	3 35	0 41	17 13	0 13	8 37	17 2	17 48	17 23	19 0	17 38	4 24
M10	23 29	26 36	4 24	17 51	3 39	24 9	0 53	22 5	1 14	13 21	0 59	19 1	0 54	3 36	0 41	17 12	0 13	8 37	17 2	17 46	17 22	18 58	17 38	4 24
T 11	23 29	24 20	4 56	18 7	3 30	24 7	0 55	21 57	1 14	13 21	1 0	18 59	0 54	3 36	0 41	17 12	0 13	8 37	17 2	17 45	17 22	18 56	17 39	4 24
W12	23 30	20 27	5 9	18 25	3 21	24 4	0 57	21 50	1 14	13 22	1 0	18 57	0 54	3 37	0 41	17 11	0 13	8 37	17 3	17 43	17 21	18 53	17 39	4 24
T 13	23 29	15 21	5 2	18 43	3 12	24 0	0 59	21 42	1 14	13 23	1 0	18 55	0 54	3 37	0 41	17 11	0 13	8 38	17 3	17 42	17 20	18 51	17 40	4 24
F 14	23 29	9 28	4 36	19 1	3 2	23 55	1 0	21 34	1 14	13 23	1 0	18 54	0 54	3 38	0 41	17 10	0 13	8 38	17 3	17 41	17 19	18 49	17 40	4 24
S 15	23 28	3 13	3 53	19 21	2 51	23 49	1 2	21 26	1 14	13 24	1 1	18 52	0 54	3 38	0 41	17 10	0 13	8 38	17 4	17 41	17 18	18 47	17 41	4 25
S 16	23 26	3s 4	2 58	19 41	2 40	23 43	1 4	21 18	1 14	13 25	1 1	18 50	0 54	3 39	0 41	17 9	0 13	8 38	17 4	17 41	17 17	18 44	17 41	4 25
M17	23 24	9 6	1 53	20 1	2 29	23 36	1 6	21 10	1 14	13 26	1 1	18 48	0 54	3 39	0 41	17 9	0 13	8 38	17 4	17 42	17 16	18 42	17 41	4 25
T 18	23 22	14 37	0 44	20 22	2 17	23 29	1 7	21 1	1 13	13 27	1 1	18 47	0 54	3 39	0 41	17 8	0 13	8 38	17 5	17 42	17 15	18 40	17 42	4 25
W19	23 19	19 22	0s26	20 42	2 5	23 21	1 9	20 53	1 13	13 28	1 2	18 45	0 54	3 40	0 41	17 8	0 13	8 38	17 5	17 42	17 14	18 37	17 42	4 26
T 20	23 16	23 7	1 34	21 3	1 52	23 12	1 10	20 44	1 13	13 29	1 2	18 43	0 54	3 40	0 41	17 7	0 13	8 38	17 5	17 42	17 14	18 35	17 43	4 26
F 21	23 13	25 42	2 35	21 23	1 40	23 2	1 12	20 35	1 13	13 30	1 2	18 41	0 54	3 40	0 42	17 7	0 13	8 39	17 6	17 41	17 13	18 33	17 43	4 26
S 22	23 9	26 57	3 29	21 42	1 27	22 52	1 13	20 26	1 13	13 32	1 3	18 39	0 54	3 40	0 42	17 6	0 13	8 39	17 6	17 39	17 12	18 30	17 44	4 26
S 23	23 5	26 51	4 12	22 1	1 14	22 41	1 15	20 17	1 13	13 33	1 3	18 37	0 54	3 41	0 42	17 6	0 13	8 39	17 6	17 37	17 11	18 28	17 44	4 27
M24	23 0	25 27	4 42	22 19	1 1	22 29	1 16	20 7	1 13	13 34	1 3	18 36	0 54	3 41	0 42	17 5	0 13	8 39	17 7	17 34	17 10	18 25	17 44	4 27
T 25	22 55	22 54	5 0	22 36	0 49	22 17	1 18	19 58	1 13	13 36	1 3	18 34	0 54	3 41	0 42	17 4	0 13	8 39	17 7	17 32	17 9	18 23	17 45	4 27
W26	22 49	19 24	5 5	22 52	0 36	22 4	1 19	19 48	1 12	13 37	1 4	18 32	0 54	3 41	0 42	17 4	0 13	8 40	17 7	17 29	17 8	18 21	17 45	4 27
T 27	22 43	15 9	4 56	23 6	0 24	21 50	1 20	19 38	1 12	13 39	1 4	18 30	0 54	3 41	0 42	17 3	0 13	8 40	17 8	17 27	17 7	18 18	17 46	4 28
F 28	22 37	10 20	4 35	23 18	0 11	21 36	1 21	19 28	1 12	13 40	1 4	18 28	0 54	3 42	0 42	17 3	0 13	8 40	17 8	17 25	17 6	18 16	17 46	4 28
S 29	22 30	5 7	4 2	23 28	0n 0	21 21	1 22	19 18	1 12	13 42	1 4	18 26	0 54	3 42	0 42	17 2	0 13	8 40	17 8	17 24	17 6	18 14	17 46	4 28
S 30	22n23	0n21	3s17	23n36	0n12	21n 6	1n23	19n 8	1n12	13s44	1s 5	18n24	0n54	3n42	0s42	17n 2	0n13	8s41	17s 9	17n23	17n 5	18s11	17n46	4s28

Julian Day Number = 2303417.5, Delta T = 96.59 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'49, Lahiri = 18°11'49 Julian Calendar 1 June 1594 == Greg. Calendar 11 June 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

JULY 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 14 13	18♋ 8'20	20♈42	6♋42	3♌17	9♌52	26°R25	11♌ 2	10♈56	13♌29	18♈17	18°D33	17♉24	24♒38	11♊32	M 1
T 2	19 18 9	19° 5'34	3♉13	8°43	4°31	10°30	26♒20	11° 9	10°57	13°31	18°17	18♉34	17°21	24°44	11°36	T 2
W 3	19 22 6	20° 2'49	16° 6	10°47	5°44	11° 7	26°15	11°17	10°57	13°33	18°17	18°R34	17°17	24°51	11°40	W 3
T 4	19 26 3	21° 0'04	29°24	12°51	6°58	11°45	26°10	11°24	10°57	13°35	18°18	18°34	17°14	24°58	11°45	T 4
F 5	19 29 59	21°57'20	13♊10	14°57	8°11	12°23	26° 5	11°32	10°57	13°37	18°18	18°31	17°11	25° 5	11°49	F 5
S 6	19 33 56	22°54'38	27°24	17° 4	9°25	13° 1	26° 0	11°39	10°57	13°40	18°18	18°27	17° 8	25°11	11°53	S 6
S 7	19 37 52	23°51'55	12♋ 4	19°11	10°38	13°38	25°55	11°46	10°R57	13°42	18°18	18°20	17° 5	25°18	11°57	S 7
M 8	19 41 49	24°49'14	27° 2	21°19	11°52	14°16	25°49	11°54	10°57	13°44	18°18	18°11	17° 2	25°25	12° 2	M 8
T 9	19 45 45	25°46'33	12♌10	23°26	13° 6	14°54	25°43	12° 1	10°57	13°46	18°R18	18° 1	16°58	25°31	12° 6	T 9
W10	19 49 42	26°43'53	27°17	25°33	14°19	15°32	25°37	12° 9	10°57	13°48	18°18	17°52	16°55	25°38	12°10	W10
T 11	19 53 39	27°41'13	12♍14	27°40	15°33	16°10	25°31	12°16	10°57	13°50	18°18	17°44	16°52	25°45	12°14	T 11
F 12	19 57 35	28°38'33	26°52	29°46	16°46	16°47	25°25	12°24	10°57	13°52	18°18	17°38	16°49	25°52	12°18	F 12
S 13	20 1 32	29°35'54	11♎ 8	1♌51	18° 0	17°25	25°19	12°32	10°56	13°54	18°18	17°35	16°46	25°58	12°22	S 13
S 14	20 5 28	0♌33'16	25° 0	3°55	19°13	18° 3	25°13	12°39	10°56	13°57	18°18	17°34	16°42	26° 5	12°26	S 14
M15	20 9 25	1°30'38	8♏27	5°57	20°27	18°41	25° 6	12°47	10°56	13°59	18°17	17°D34	16°39	26°12	12°30	M15
T 16	20 13 21	2°28'01	21°34	7°59	21°40	19°19	25° 0	12°54	10°55	14° 1	18°17	17°R34	16°36	26°18	12°33	T 16
W17	20 17 18	3°25'24	4♐23	9°59	22°54	19°57	24°53	13° 2	10°55	14° 3	18°17	17°33	16°33	26°25	12°37	W17
T 18	20 21 14	4°22'48	16°57	11°57	24° 7	20°35	24°46	13°10	10°54	14° 5	18°17	17°30	16°30	26°32	12°41	T 18
F 19	20 25 11	5°20'13	29°19	13°55	25°21	21°12	24°39	13°17	10°54	14° 8	18°17	17°24	16°27	26°39	12°45	F 19
S 20	20 29 8	6°17'39	11♑33	15°50	26°34	21°50	24°32	13°25	10°53	14°10	18°17	17°15	16°23	26°45	12°48	S 20
S 21	20 33 4	7°15'05	23°39	17°44	27°48	22°28	24°25	13°33	10°52	14°12	18°16	17° 4	16°20	26°52	12°52	S 21
M22	20 37 1	8°12'32	5♒39	19°37	29° 1	23° 6	24°18	13°40	10°52	14°14	18°16	16°51	16°17	26°59	12°55	M22
T 23	20 40 57	9°10'01	17°36	21°28	0♏15	23°44	24°10	13°48	10°51	14°16	18°16	16°38	16°14	27° 6	12°59	T 23
W24	20 44 54	10° 7'30	29°29	23°17	1°28	24°22	24° 3	13°56	10°50	14°19	18°15	16°24	16°11	27°12	13° 2	W24
T 25	20 48 50	11° 5'01	11♓20	25° 5	2°41	25° 0	23°56	14° 3	10°49	14°21	18°15	16°12	16° 7	27°19	13° 6	T 25
F 26	20 52 47	12° 2'33	23°12	26°51	3°55	25°38	23°48	14°11	10°48	14°23	18°15	16° 2	16° 4	27°26	13° 9	F 26
S 27	20 56 43	13° 0'06	5♈ 8	28°36	5° 8	26°16	23°40	14°19	10°48	14°25	18°14	15°55	16° 1	27°32	13°12	S 27
S 28	21 0 40	13°57'41	17°10	0♏19	6°22	26°54	23°33	14°26	10°47	14°28	18°14	15°51	15°58	27°39	13°16	S 28
M29	21 4 37	14°55'17	29°23	2° 1	7°35	27°32	23°25	14°34	10°46	14°30	18°14	15°49	15°55	27°46	13°19	M29
T 30	21 8 33	15°52'55	11♉51	3°41	8°48	28°10	23°17	14°42	10°44	14°32	18°13	15°49	15°52	27°53	13°22	T 30
W31	21 12 30	16♌50'34	24♉40	5♏20	10♏ 2	28♌48	23♒10	14♌49	10♈43	14♌34	18♈13	15♉49	15♉48	27♒59	13♊25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n16	5n53	2s23	23n42	0n23	20n50	1n24	18n58	1n12	13s46	1s 5	18n22	0n54	3n42	0s42	17n 1	0n13	8s41	17s 9	17n23	17n 4	18s 9	17n47	4s29
T 2	22 8	11 21	1 21	23 46	0 33	20 33	1 25	18 48	1 11	13 47	1 5	18 20	0 54	3 42	0 42	17 0	0 13	8 41	17 9	17 23	17 3	18 6	17 47	4 29
W 3	22 0	16 29	0 13	23 47	0 43	20 16	1 26	18 37	1 11	13 49	1 5	18 18	0 54	3 42	0 42	17 0	0 13	8 41	17 10	17 23	17 2	18 4	17 47	4 29
T 4	21 51	21 0	0n57	23 45	0 53	19 58	1 27	18 26	1 11	13 51	1 6	18 16	0 54	3 42	0 42	16 59	0 13	8 42	17 10	17 23	17 1	18 2	17 48	4 29
F 5	21 42	24 32	2 7	23 40	1 1	19 40	1 28	18 16	1 11	13 53	1 6	18 14	0 54	3 42	0 42	16 59	0 13	8 42	17 11	17 23	17 0	17 59	17 48	4 30
S 6	21 33	26 39	3 11	23 33	1 9	19 21	1 28	18 5	1 11	13 55	1 6	18 12	0 54	3 42	0 42	16 58	0 13	8 42	17 11	17 21	16 59	17 57	17 48	4 30
S 7	21 23	27 0	4 4	23 23	1 17	19 2	1 29	17 54	1 11	13 57	1 6	18 10	0 55	3 42	0 42	16 57	0 13	8 43	17 11	17 19	16 58	17 54	17 48	4 30
M 8	21 13	25 25	4 42	23 10	1 23	18 42	1 29	17 43	1 11	13 59	1 7	18 8	0 55	3 42	0 42	16 57	0 13	8 43	17 12	17 17	16 57	17 52	17 49	4 31
T 9	21 2	21 59	5 1	22 55	1 29	18 22	1 30	17 31	1 10	14 1	1 7	18 6	0 55	3 42	0 42	16 56	0 13	8 43	17 12	17 14	16 57	17 50	17 49	4 31
W10	20 51	17 6	4 58	22 37	1 34	18 1	1 30	17 20	1 10	14 4	1 7	18 4	0 55	3 42	0 42	16 56	0 13	8 44	17 12	17 12	16 56	17 47	17 49	4 31
T 11	20 40	11 13	4 35	22 16	1 38	17 39	1 31	17 9	1 10	14 6	1 7	18 2	0 55	3 42	0 42	16 55	0 13	8 44	17 13	17 9	16 55	17 45	17 49	4 32
F 12	20 29	4 50	3 55	21 54	1 41	17 17	1 31	16 57	1 10	14 8	1 8	18 0	0 55	3 42	0 42	16 54	0 13	8 44	17 13	17 8	16 54	17 42	17 49	4 32
S 13	20 17	1s39	3 0	21 29	1 44	16 55	1 31	16 45	1 10	14 11	1 8	17 58	0 55	3 42	0 42	16 54	0 13	8 45	17 13	17 7	16 53	17 40	17 50	4 32
S 14	20 5	7 53	1 57	21 2	1 46	16 32	1 31	16 33	1 9	14 13	1 8	17 56	0 55	3 41	0 42	16 53	0 13	8 45	17 14	17 7	16 52	17 37	17 50	4 33
M15	19 52	13 36	0 48	20 33	1 47	16 9	1 31	16 21	1 9	14 15	1 8	17 54	0 55	3 41	0 42	16 53	0 13	8 45	17 14	17 7	16 51	17 35	17 50	4 33
T 16	19 39	18 32	0s21	20 2	1 47	15 45	1 31	16 9	1 9	14 18	1 8	17 51	0 55	3 41	0 42	16 52	0 13	8 46	17 14	17 7	16 50	17 32	17 50	4 33
W17	19 26	22 30	1 28	19 30	1 47	15 21	1 31	15 57	1 9	14 20	1 9	17 49	0 55	3 41	0 42	16 51	0 13	8 46	17 15	17 6	16 49	17 30	17 50	4 34
T 18	19 13	25 19	2 29	18 56	1 46	14 56	1 31	15 45	1 9	14 23	1 9	17 47	0 55	3 41	0 42	16 51	0 13	8 46	17 15	17 5	16 48	17 27	17 50	4 34
F 19	18 59	26 51	3 22	18 21	1 45	14 31	1 31	15 33	1 8	14 25	1 9	17 45	0 55	3 40	0 42	16 50	0 13	8 47	17 15	17 4	16 48	17 25	17 50	4 34
S 20	18 45	27 3	4 4	17 45	1 42	14 6	1 30	15 20	1 8	14 28	1 9	17 43	0 55	3 40	0 42	16 49	0 13	8 47	17 16	17 1	16 47	17 22	17 51	4 35
S 21	18 30	25 56	4 35	17 8	1 40	13 40	1 30	15 8	1 8	14 30	1 9	17 41	0 55	3 40	0 42	16 49	0 13	8 48	17 16	16 58	16 46	17 20	17 51	4 35
M22	18 15	23 39	4 54	16 30	1 37	13 14	1 30	14 55	1 8	14 33	1 10	17 39	0 55	3 39	0 42	16 48	0 13	8 48	17 16	16 55	16 45	17 17	17 51	4 35
T 23	18 0	20 20	5 0	15 51	1 33	12 48	1 29	14 42	1 8	14 35	1 10	17 37	0 56	3 39	0 42	16 48	0 13	8 48	17 17	16 51	16 44	17 15	17 51	4 36
W24	17 45	16 14	4 52	15 11	1 29	12 21	1 29	14 29	1 7	14 38	1 10	17 34	0 56	3 39	0 43	16 47	0 13	8 49	17 17	16 47	16 43	17 12	17 51	4 36
T 25	17 29	11 31	4 32	14 31	1 24	11 54	1 28	14 16	1 7	14 41	1 10	17 32	0 56	3 38	0 43	16 46	0 13	8 49	17 17	16 43	16 42	17 10	17 51	4 37
F 26	17 13	6 22	4 0	13 50	1 20	11 27	1 27	14 3	1 7	14 43	1 10	17 30	0 56	3 38	0 43	16 46	0 13	8 50	17 18	16 41	16 41	17 7	17 51	4 37
S 27	16 57	0 58	3 17	13 9	1 14	10 59	1 26	13 50	1 7	14 46	1 10	17 28	0 56	3 38	0 43	16 45	0 13	8 50	17 18	16 39	16 40	17 5	17 51	4 37
S 28	16 41	4n31	2 25	12 27	1 9	10 31	1 25	13 37	1 7	14 49	1 11	17 26	0 56	3 37	0 43	16 44	0 13	8 51	17 18	16 37	16 39	17 2	17 51	4 38
M29	16 24	9 57	1 26	11 45	1 2	10 3	1 25	13 24	1 6	14 51	1 11	17 24	0 56	3 37	0 43	16 44	0 13	8 51	17 19	16 37	16 38	17 0	17 51	4 38
T 30	16 7	15 6	0 21	11 3	0 56	9 35	1 24	13 10	1 6	14 54	1 11	17 21	0 56	3 36	0 43	16 43	0 13	8 52	17 19	16 37	16 37	16 57	17 51	4 39
W31	15n49	19n44	0n47	10n21	0n49	9n 6	1n22	12n57	1n 6	14s57	1s11	17n19	0n56	3n36	0s43	16n42	0n13	8s52	17s19	16n37	16n37	16s55	17n51	4s39

Julian Day Number = 2303447.5, Delta T = 96.47 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'53, Lahiri = 18°11'53 Julian Calendar 1 July 1594 == Greg. Calendar 11 July 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

AUGUST 1594 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 16 26	17♌48'15	7♊53	6♍57	11♍15	29♌26	23°R 2	14♌57	10°R42	14♌36	18°R12	15°R48	15♉45	28♒ 6	13♊28	T 1
F 2	21 20 23	18°45'57	21°34	8°33	12°28	0♍ 4	22♒54	15° 5	10♈41	14°39	18♈12	15♉45	15°42	28°13	13°31	F 2
S 3	21 24 19	19°43'41	5♋45	10° 7	13°42	0°42	22°46	15°12	10°40	14°41	18°11	15°40	15°39	28°19	13°34	S 3
S 4	21 28 16	20°41'27	20°24	11°40	14°55	1°21	22°38	15°20	10°39	14°43	18°11	15°32	15°36	28°26	13°36	S 4
M 5	21 32 12	21°39'15	5♌26	13°12	16° 8	1°59	22°30	15°28	10°37	14°45	18°10	15°22	15°33	28°33	13°39	M 5
T 6	21 36 9	22°37'03	20°42	14°42	17°22	2°37	22°23	15°36	10°36	14°48	18°10	15°12	15°29	28°40	13°42	T 6
W 7	21 40 6	23°34'54	6♍ 1	16°10	18°35	3°15	22°15	15°43	10°34	14°50	18° 9	15° 1	15°26	28°46	13°45	W 7
T 8	21 44 2	24°32'45	21°12	17°37	19°48	3°53	22° 7	15°51	10°33	14°52	18° 9	14°52	15°23	28°53	13°47	T 8
F 9	21 47 59	25°30'38	6♎ 4	19° 3	21° 1	4°31	21°59	15°58	10°32	14°54	18° 8	14°45	15°20	29° 0	13°50	F 9
S 10	21 51 55	26°28'32	20°32	20°27	22°15	5°10	21°51	16° 6	10°30	14°56	18° 7	14°41	15°17	29° 7	13°52	S 10
S 11	21 55 52	27°26'28	4♏31	21°49	23°28	5°48	21°43	16°14	10°28	14°59	18° 7	14°39	15°13	29°13	13°54	S 11
M12	21 59 48	28°24'24	18° 4	23°10	24°41	6°26	21°35	16°21	10°27	15° 1	18° 6	14°D39	15°10	29°20	13°57	M12
T 13	22 3 45	29°22'23	1♐10	24°29	25°54	7° 4	21°28	16°29	10°25	15° 3	18° 5	14°R39	15° 7	29°27	13°59	T 13
W14	22 7 41	0♍20'22	13°56	25°47	27° 7	7°43	21°20	16°36	10°24	15° 5	18° 5	14°39	15° 4	29°33	14° 1	W14
T 15	22 11 38	1°18'23	26°24	27° 2	28°20	8°21	21°12	16°44	10°22	15° 7	18° 4	14°36	15° 1	29°40	14° 3	T 15
F 16	22 15 35	2°16'25	8♑38	28°16	29°34	8°59	21° 5	16°51	10°20	15° 9	18° 3	14°31	14°58	29°47	14° 5	F 16
S 17	22 19 31	3°14'29	20°44	29°29	0♎47	9°38	20°57	16°59	10°18	15°12	18° 2	14°23	14°54	29°54	14° 7	S 17
S 18	22 23 28	4°12'34	2♒42	0♎39	2° 0	10°16	20°50	17° 6	10°17	15°14	18° 2	14°13	14°51	0♓ 0	14° 9	S 18
M19	22 27 24	5°10'41	14°37	1°47	3°13	10°54	20°42	17°14	10°15	15°16	18° 1	14° 1	14°48	0° 7	14°11	M19
T 20	22 31 21	6° 8'49	26°30	2°53	4°26	11°33	20°35	17°21	10°13	15°18	18° 0	13°49	14°45	0°14	14°13	T 20
W21	22 35 17	7° 6'59	8♓23	3°57	5°39	12°11	20°28	17°29	10°11	15°20	17°59	13°36	14°42	0°20	14°14	W21
T 22	22 39 14	8° 5'11	20°16	4°58	6°52	12°50	20°20	17°36	10° 9	15°22	17°58	13°25	14°39	0°27	14°16	T 22
F 23	22 43 10	9° 3'24	2♈12	5°57	8° 5	13°28	20°13	17°44	10° 7	15°24	17°58	13°16	14°35	0°34	14°18	F 23
S 24	22 47 7	10° 1'40	14°13	6°54	9°18	14° 7	20° 6	17°51	10° 5	15°26	17°57	13°10	14°32	0°41	14°19	S 24
S 25	22 51 3	10°59'57	26°20	7°47	10°31	14°45	20° 0	17°58	10° 3	15°28	17°56	13° 6	14°29	0°47	14°21	S 25
M26	22 55 0	11°58'17	8♉37	8°37	11°43	15°24	19°53	18° 5	10° 1	15°30	17°55	13°D 4	14°26	0°54	14°22	M26
T 27	22 58 57	12°56'38	21° 8	9°25	12°56	16° 2	19°46	18°13	9°59	15°32	17°54	13° 5	14°23	1° 1	14°23	T 27
W28	23 2 53	13°55'02	3♊56	10° 8	14° 9	16°41	19°40	18°20	9°57	15°34	17°53	13° 5	14°19	1° 7	14°24	W28
T 29	23 6 50	14°53'28	17° 6	10°48	15°22	17°19	19°33	18°27	9°55	15°36	17°52	13°R 6	14°16	1°14	14°26	T 29
F 30	23 10 46	15°51'56	0♋40	11°24	16°35	17°58	19°27	18°34	9°53	15°38	17°51	13° 5	14°13	1°21	14°27	F 30
S 31	23 14 43	16♍50'26	14♋41	11♎56	17♎48	18♍37	19♒21	18♌41	9♈51	15♌40	17♈50	13♉ 2	14♉10	1♓28	14♊28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n32	23n33	1n54	9n38	0n43	8n37	1n21	12n43	1n 6	14s59	1s11	17n17	0n56	3n35	0s43	16n42	0n13	8s52	17s20	16n36	16n36	16s52	17n51	4s39
F 2	15 14	26 10	2 57	8 56	0 35	8 8	1 20	12 30	1 5	15 2	1 11	17 15	0 56	3 35	0 43	16 41	0 13	8 53	17 20	16 36	16 35	16 50	17 51	4 40
S 3	14 56	27 13	3 51	8 13	0 28	7 38	1 19	12 16	1 5	15 5	1 11	17 13	0 56	3 34	0 43	16 41	0 13	8 53	17 20	16 34	16 34	16 47	17 51	4 40
S 4	14 38	26 26	4 32	7 31	0 20	7 9	1 18	12 2	1 5	15 8	1 12	17 10	0 56	3 34	0 43	16 40	0 13	8 54	17 21	16 32	16 33	16 45	17 51	4 41
M 5	14 19	23 44	4 56	6 49	0 12	6 39	1 16	11 48	1 5	15 10	1 12	17 8	0 57	3 33	0 43	16 39	0 13	8 54	17 21	16 29	16 32	16 42	17 50	4 41
T 6	14 0	19 21	4 59	6 6	0 4	6 9	1 15	11 34	1 5	15 13	1 12	17 6	0 57	3 33	0 43	16 39	0 13	8 55	17 21	16 26	16 31	16 39	17 50	4 41
W 7	13 41	13 40	4 41	5 25	0s 4	5 39	1 13	11 20	1 4	15 16	1 12	17 4	0 57	3 32	0 43	16 38	0 13	8 55	17 22	16 23	16 30	16 37	17 50	4 42
T 8	13 22	7 13	4 3	4 43	0 12	5 9	1 11	11 6	1 4	15 18	1 12	17 2	0 57	3 32	0 43	16 37	0 13	8 56	17 22	16 20	16 29	16 34	17 50	4 42
F 9	13 3	0 28	3 9	4 2	0 21	4 38	1 10	10 52	1 4	15 21	1 12	16 59	0 57	3 31	0 43	16 37	0 13	8 56	17 22	16 18	16 28	16 32	17 50	4 43
S 10	12 43	6s 7	2 4	3 21	0 29	4 8	1 8	10 38	1 4	15 24	1 12	16 57	0 57	3 30	0 43	16 36	0 13	8 57	17 22	16 17	16 27	16 29	17 50	4 43
S 11	12 23	12 13	0 53	2 40	0 38	3 37	1 6	10 23	1 3	15 26	1 12	16 55	0 57	3 30	0 43	16 35	0 13	8 57	17 23	16 16	16 26	16 27	17 50	4 44
M12	12 3	17 32	0s18	2 0	0 47	3 6	1 4	10 9	1 3	15 29	1 12	16 53	0 57	3 29	0 43	16 35	0 13	8 58	17 23	16 16	16 25	16 24	17 50	4 44
T 13	11 43	21 51	1 26	1 20	0 56	2 35	1 2	9 54	1 3	15 31	1 12	16 51	0 57	3 29	0 43	16 34	0 13	8 58	17 23	16 16	16 24	16 21	17 49	4 44
W14	11 23	24 59	2 28	0 41	1 5	2 4	1 0	9 40	1 3	15 34	1 12	16 48	0 57	3 28	0 43	16 34	0 13	8 59	17 23	16 16	16 24	16 19	17 49	4 45
T 15	11 2	26 49	3 22	0 3	1 14	1 33	0 58	9 25	1 2	15 36	1 12	16 46	0 58	3 27	0 43	16 33	0 13	8 59	17 24	16 15	16 23	16 16	17 49	4 45
F 16	10 41	27 17	4 5	0s35	1 23	1 2	0 56	9 11	1 2	15 39	1 13	16 44	0 58	3 26	0 43	16 32	0 13	9 0	17 24	16 14	16 22	16 14	17 49	4 46
S 17	10 20	26 27	4 37	1 12	1 32	0 31	0 54	8 56	1 2	15 41	1 13	16 42	0 58	3 26	0 43	16 32	0 13	9 0	17 24	16 12	16 21	16 11	17 49	4 46
S 18	9 59	24 23	4 55	1 48	1 41	0s 0	0 52	8 41	1 2	15 44	1 13	16 40	0 58	3 25	0 43	16 31	0 13	9 1	17 25	16 9	16 20	16 8	17 48	4 47
M19	9 38	21 17	5 1	2 24	1 50	0 31	0 50	8 26	1 1	15 46	1 13	16 38	0 58	3 24	0 43	16 30	0 13	9 1	17 25	16 5	16 19	16 6	17 48	4 47
T 20	9 17	17 19	4 54	2 59	1 59	1 3	0 47	8 11	1 1	15 49	1 13	16 35	0 58	3 24	0 43	16 30	0 13	9 2	17 25	16 1	16 18	16 3	17 48	4 48
W21	8 55	12 41	4 34	3 32	2 8	1 34	0 45	7 56	1 1	15 51	1 13	16 33	0 58	3 23	0 43	16 29	0 13	9 2	17 25	15 57	16 17	16 0	17 48	4 48
T 22	8 33	7 34	4 2	4 5	2 17	2 5	0 42	7 41	1 0	15 53	1 13	16 31	0 58	3 22	0 43	16 29	0 13	9 3	17 25	15 54	16 16	15 58	17 47	4 49
F 23	8 12	2 10	3 19	4 36	2 26	2 36	0 40	7 26	1 0	15 56	1 13	16 29	0 58	3 21	0 43	16 28	0 13	9 3	17 26	15 51	16 15	15 55	17 47	4 49
S 24	7 50	3n21	2 27	5 7	2 35	3 7	0 37	7 11	1 0	15 58	1 13	16 27	0 58	3 20	0 43	16 27	0 13	9 4	17 26	15 49	16 14	15 53	17 47	4 49
S 25	7 27	8 49	1 28	5 35	2 43	3 38	0 35	6 56	1 0	16 0	1 13	16 25	0 59	3 20	0 43	16 27	0 13	9 4	17 26	15 48	16 13	15 50	17 46	4 50
M26	7 5	14 2	0 24	6 3	2 51	4 9	0 32	6 41	0 59	16 2	1 13	16 22	0 59	3 19	0 43	16 26	0 13	9 5	17 26	15 48	16 12	15 47	17 46	4 50
T 27	6 43	18 46	0n43	6 29	2 59	4 40	0 29	6 26	0 59	16 4	1 13	16 20	0 59	3 18	0 43	16 26	0 13	9 6	17 27	15 48	16 11	15 45	17 46	4 51
W28	6 20	22 46	1 49	6 53	3 7	5 11	0 27	6 10	0 59	16 6	1 13	16 18	0 59	3 17	0 43	16 25	0 13	9 6	17 27	15 48	16 10	15 42	17 45	4 51
T 29	5 58	25 43	2 52	7 16	3 14	5 42	0 24	5 55	0 58	16 8	1 13	16 16	0 59	3 16	0 43	16 25	0 13	9 7	17 27	15 48	16 9	15 39	17 45	4 52
F 30	5 35	27 16	3 46	7 36	3 21	6 12	0 21	5 40	0 58	16 10	1 13	16 14	0 59	3 15	0 43	16 24	0 14	9 7	17 27	15 48	16 9	15 37	17 45	4 52
S 31	5n12	27n 9	4n29	7s55	3s28	6s43	0n18	5n24	0n58	16s12	1s13	16n12	0n59	3n15	0s43	16n23	0n14	9s 8	17s27	15n47	16n 8	15s34	17n44	4s53

Julian Day Number = 2303478.5, Delta T = 96.34 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'57, Lahiri = 18°11'58 Julian Calendar 1 Aug. 1594 == Greg. Calendar 11 Aug. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

SEPTEMBER 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 18 39	17♍48'59	29♋ 8	12♎23	19♎ 0	19♍15	19°R15	18♌48	9°R48	15♌42	17°R49	12°R56	14♉ 7	1♓34	14♊28	S 1
M 2	23 22 36	18°47'34	13♌59	12°45	20°13	19°54	19♒ 9	18°56	9♈46	15°44	17♈48	12♉49	14° 4	1°41	14°29	M 2
T 3	23 26 33	19°46'11	29° 6	13° 1	21°26	20°33	19° 3	19° 3	9°44	15°46	17°47	12°41	14° 0	1°48	14°30	T 3
W 4	23 30 29	20°44'49	14♍20	13°12	22°39	21°11	18°57	19°10	9°42	15°48	17°46	12°33	13°57	1°54	14°31	W 4
T 5	23 34 26	21°43'30	29°31	13°R17	23°51	21°50	18°52	19°16	9°39	15°50	17°45	12°27	13°54	2° 1	14°31	T 5
F 6	23 38 22	22°42'13	14♎27	13°15	25° 4	22°29	18°46	19°23	9°37	15°52	17°44	12°22	13°51	2° 8	14°32	F 6
S 7	23 42 19	23°40'57	29° 2	13° 7	26°17	23° 8	18°41	19°30	9°35	15°54	17°43	12°19	13°48	2°15	14°32	S 7
S 8	23 46 15	24°39'44	13♏10	12°52	27°29	23°47	18°36	19°37	9°32	15°56	17°42	12°D18	13°45	2°21	14°33	S 8
M 9	23 50 12	25°38'32	26°50	12°29	28°42	24°25	18°31	19°44	9°30	15°57	17°41	12°19	13°41	2°28	14°33	M 9
T 10	23 54 8	26°37'22	10♐ 3	11°59	29°55	25° 4	18°27	19°50	9°28	15°59	17°40	12°20	13°38	2°35	14°33	T 10
W11	23 58 5	27°36'13	22°51	11°22	1♏ 7	25°43	18°22	19°57	9°25	16° 1	17°39	12°R21	13°35	2°41	14°33	W11
T 12	0 2 1	28°35'07	5♑20	10°37	2°20	26°22	18°18	20° 4	9°23	16° 3	17°38	12°21	13°32	2°48	14°R33	T 12
F 13	0 5 58	29°34'02	17°34	9°46	3°32	27° 1	18°14	20°10	9°21	16° 4	17°37	12°19	13°29	2°55	14°33	F 13
S 14	0 9 55	0♎32'59	29°36	8°49	4°45	27°40	18°10	20°17	9°18	16° 6	17°36	12°15	13°25	3° 2	14°33	S 14
S 15	0 13 51	1°31'58	11♒32	7°47	5°57	28°19	18° 6	20°23	9°16	16° 8	17°35	12°10	13°22	3° 8	14°33	S 15
M16	0 17 48	2°30'59	23°24	6°41	7° 9	28°58	18° 2	20°30	9°13	16° 9	17°34	12° 3	13°19	3°15	14°33	M16
T 17	0 21 44	3°30'01	5♓16	5°32	8°22	29°37	17°59	20°36	9°11	16°11	17°33	11°56	13°16	3°22	14°33	T 17
W18	0 25 41	4°29'05	17°10	4°23	9°34	0♎16	17°56	20°42	9° 9	16°13	17°31	11°49	13°13	3°28	14°32	W18
T 19	0 29 37	5°28'12	29° 9	3°15	10°46	0°55	17°53	20°48	9° 6	16°14	17°30	11°42	13°10	3°35	14°32	T 19
F 20	0 33 34	6°27'20	11♈13	2°10	11°58	1°34	17°50	20°55	9° 4	16°16	17°29	11°37	13° 6	3°42	14°31	F 20
S 21	0 37 30	7°26'30	23°24	1°10	13°11	2°13	17°47	21° 1	9° 1	16°17	17°28	11°34	13° 3	3°49	14°31	S 21
S 22	0 41 27	8°25'43	5♉43	0°16	14°23	2°53	17°45	21° 7	8°59	16°19	17°27	11°D33	13° 0	3°55	14°30	S 22
M23	0 45 24	9°24'58	18°13	29♍30	15°35	3°32	17°42	21°13	8°57	16°20	17°26	11°33	12°57	4° 2	14°29	M23
T 24	0 49 20	10°24'15	0♊55	28°54	16°47	4°11	17°40	21°19	8°54	16°22	17°25	11°34	12°54	4° 9	14°28	T 24
W25	0 53 17	11°23'34	13°52	28°27	17°59	4°50	17°39	21°25	8°52	16°23	17°24	11°35	12°50	4°15	14°27	W25
T 26	0 57 13	12°22'56	27° 5	28°12	19°11	5°29	17°37	21°30	8°49	16°25	17°22	11°37	12°47	4°22	14°26	T 26
F 27	1 1 10	13°22'20	10♋38	28°D 7	20°23	6° 9	17°35	21°36	8°47	16°26	17°21	11°R38	12°44	4°29	14°25	F 27
S 28	1 5 6	14°21'47	24°30	28°13	21°35	6°48	17°34	21°42	8°44	16°28	17°20	11°37	12°41	4°36	14°24	S 28
S 29	1 9 3	15°21'16	8♌44	28°30	22°47	7°27	17°33	21°47	8°42	16°29	17°19	11°36	12°38	4°42	14°23	S 29
M30	1 12 59	16♎20'47	23♌15	28♍57	23♏59	8♎ 7	17♒32	21♌53	8♈40	16♌30	17♈18	11♉33	12♉35	4♓49	14♊22	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n50	25n13	4n57	8s11	3s34	7s13	0n15	5n 9	0n58	16s14	1s13	16n10	0n59	3n14	0s43	16n23	0n14	9s 8	17s28	15n45	16n 7	15s31	17n44	4s53
M 2	4 27	21 32	5 6	8 24	3 39	7 44	0 13	4 53	0 57	16 16	1 13	16 8	1 0	3 13	0 43	16 22	0 14	9 9	17 28	15 43	16 6	15 29	17 44	4 54
T 3	4 4	16 23	4 53	8 35	3 44	8 14	0 10	4 38	0 57	16 18	1 13	16 6	1 0	3 12	0 43	16 22	0 14	9 9	17 28	15 41	16 5	15 26	17 43	4 54
W 4	3 41	10 11	4 20	8 43	3 48	8 44	0 7	4 22	0 57	16 19	1 12	16 4	1 0	3 11	0 43	16 21	0 14	9 10	17 28	15 39	16 4	15 23	17 43	4 55
T 5	3 17	3 24	3 29	8 48	3 51	9 13	0 4	4 6	0 56	16 21	1 12	16 2	1 0	3 10	0 43	16 21	0 14	9 10	17 28	15 36	16 3	15 20	17 42	4 55
F 6	2 54	3s30	2 24	8 49	3 53	9 43	0 1	3 51	0 56	16 23	1 12	15 59	1 0	3 9	0 43	16 20	0 14	9 11	17 28	15 35	16 2	15 18	17 42	4 56
S 7	2 31	10 3	1 11	8 47	3 54	10 12	0s 3	3 35	0 56	16 24	1 12	15 57	1 0	3 8	0 43	16 20	0 14	9 11	17 29	15 34	16 1	15 15	17 42	4 56
S 8	2 8	15 54	0s 5	8 40	3 54	10 42	0 6	3 19	0 55	16 26	1 12	15 55	1 0	3 7	0 43	16 19	0 14	9 12	17 29	15 34	16 0	15 12	17 41	4 57
M 9	1 44	20 45	1 18	8 30	3 52	11 10	0 9	3 4	0 55	16 27	1 12	15 53	1 1	3 7	0 43	16 18	0 14	9 12	17 29	15 34	15 59	15 10	17 41	4 57
T 10	1 21	24 23	2 24	8 15	3 49	11 39	0 12	2 48	0 55	16 29	1 12	15 51	1 1	3 6	0 43	16 18	0 14	9 13	17 29	15 34	15 58	15 7	17 40	4 58
W11	0 57	26 39	3 21	7 56	3 44	12 8	0 15	2 32	0 54	16 30	1 12	15 49	1 1	3 5	0 43	16 17	0 14	9 13	17 29	15 35	15 57	15 4	17 40	4 58
T 12	0 34	27 30	4 7	7 32	3 37	12 36	0 18	2 16	0 54	16 31	1 12	15 48	1 1	3 4	0 43	16 17	0 14	9 14	17 29	15 35	15 56	15 1	17 39	4 58
F 13	0 10	26 59	4 41	7 4	3 28	13 4	0 22	2 1	0 54	16 32	1 12	15 46	1 1	3 3	0 43	16 16	0 14	9 14	17 29	15 34	15 55	14 59	17 39	4 59
S 14	0s13	25 12	5 2	6 32	3 18	13 31	0 25	1 45	0 53	16 34	1 12	15 44	1 1	3 2	0 43	16 16	0 14	9 15	17 29	15 33	15 54	14 56	17 38	4 59
S 15	0 37	22 19	5 9	5 56	3 5	13 58	0 28	1 29	0 53	16 35	1 12	15 42	1 1	3 1	0 43	16 15	0 14	9 15	17 30	15 31	15 53	14 53	17 38	5 0
M16	1 0	18 31	5 3	5 16	2 51	14 25	0 31	1 13	0 53	16 36	1 12	15 40	1 2	3 0	0 43	16 15	0 14	9 16	17 30	15 29	15 52	14 50	17 37	5 0
T 17	1 24	14 0	4 44	4 35	2 35	14 52	0 34	0 57	0 52	16 37	1 12	15 38	1 2	2 59	0 43	16 14	0 14	9 16	17 30	15 27	15 51	14 48	17 37	5 1
W18	1 47	8 57	4 13	3 51	2 17	15 18	0 38	0 41	0 52	16 38	1 11	15 36	1 2	2 58	0 43	16 14	0 14	9 17	17 30	15 25	15 50	14 45	17 36	5 1
T 19	2 11	3 33	3 30	3 7	1 59	15 44	0 41	0 25	0 52	16 38	1 11	15 34	1 2	2 57	0 43	16 14	0 14	9 17	17 30	15 23	15 49	14 42	17 36	5 2
F 20	2 34	2n 2	2 38	2 23	1 39	16 10	0 44	0 10	0 51	16 39	1 11	15 32	1 2	2 56	0 43	16 13	0 14	9 18	17 30	15 21	15 49	14 39	17 35	5 2
S 21	2 58	7 36	1 37	1 40	1 19	16 35	0 47	0s 6	0 51	16 40	1 11	15 31	1 2	2 55	0 43	16 13	0 14	9 18	17 30	15 20	15 48	14 37	17 35	5 3
S 22	3 21	12 58	0 32	1 0	0 58	17 0	0 51	0 22	0 51	16 41	1 11	15 29	1 2	2 54	0 43	16 12	0 14	9 19	17 30	15 20	15 47	14 34	17 34	5 3
M23	3 44	17 53	0n36	0 23	0 38	17 24	0 54	0 38	0 50	16 41	1 11	15 27	1 3	2 53	0 43	16 12	0 14	9 19	17 30	15 20	15 46	14 31	17 34	5 4
T 24	4 8	22 5	1 44	0n10	0 18	17 48	0 57	0 54	0 50	16 42	1 11	15 25	1 3	2 52	0 43	16 11	0 14	9 20	17 30	15 20	15 45	14 28	17 33	5 4
W25	4 31	25 17	2 48	0 38	0n 1	18 12	1 0	1 10	0 50	16 42	1 11	15 23	1 3	2 51	0 43	16 11	0 14	9 20	17 30	15 21	15 44	14 26	17 32	5 5
T 26	4 54	27 12	3 44	1 1	0 19	18 35	1 4	1 26	0 49	16 43	1 11	15 22	1 3	2 50	0 43	16 10	0 14	9 20	17 30	15 21	15 43	14 23	17 32	5 5
F 27	5 17	27 32	4 29	1 18	0 36	18 57	1 7	1 42	0 49	16 43	1 10	15 20	1 3	2 50	0 43	16 10	0 14	9 21	17 30	15 21	15 42	14 20	17 31	5 6
S 28	5 41	26 11	5 0	1 30	0 51	19 20	1 10	1 58	0 48	16 43	1 10	15 18	1 3	2 49	0 43	16 10	0 14	9 21	17 30	15 21	15 41	14 17	17 31	5 6
S 29	6 4	23 9	5 13	1 36	1 5	19 41	1 13	2 14	0 48	16 43	1 10	15 17	1 4	2 48	0 43	16 9	0 14	9 22	17 30	15 21	15 40	14 14	17 30	5 6
M30	6s27	18n38	5n 7	1n36	1n17	20s 3	1s16	2s30	0n48	16s44	1s10	15n15	1n 4	2n47	0s43	16n 9	0n14	9s22	17s30	15n20	15n39	14s12	17n30	5s 7

Julian Day Number = 2303509.5, Delta T = 96.22 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'02, Lahiri = 18°12'02 Julian Calendar 1 Sept. 1594 == Greg. Calendar 11 Sept. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

OCTOBER 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 16 56	17♎20'20	8♍ 1	29♍33	25♏11	8♎46	17°R31	21♌58	8°R37	16♌32	17°R17	11°R30	12♉31	4♓56	14°R20	T 1
W 2	1 20 53	18°19'56	22°54	0♎18	26°23	9°26	17♒31	22° 4	8♈35	16°33	17♈16	11♉27	12°28	5° 2	14♊19	W 2
T 3	1 24 49	19°19'33	7♎48	1°11	27°35	10° 5	17°31	22° 9	8°32	16°34	17°14	11°24	12°25	5° 9	14°17	T 3
F 4	1 28 46	20°19'13	22°33	2°12	28°46	10°45	17°D30	22°14	8°30	16°35	17°13	11°22	12°22	5°16	14°16	F 4
S 5	1 32 42	21°18'55	7♏ 2	3°18	29°58	11°24	17°31	22°20	8°28	16°36	17°12	11°D21	12°19	5°23	14°14	S 5
S 6	1 36 39	22°18'39	21°10	4°31	1♐10	12° 4	17°31	22°25	8°25	16°38	17°11	11°21	12°16	5°29	14°12	S 6
M 7	1 40 35	23°18'25	4♐54	5°48	2°21	12°43	17°31	22°30	8°23	16°39	17°10	11°22	12°12	5°36	14°11	M 7
T 8	1 44 32	24°18'12	18°12	7° 9	3°33	13°23	17°32	22°35	8°21	16°40	17° 9	11°23	12° 9	5°43	14° 9	T 8
W 9	1 48 28	25°18'02	1♑ 6	8°34	4°44	14° 3	17°33	22°40	8°18	16°41	17° 8	11°25	12° 6	5°49	14° 7	W 9
T 10	1 52 25	26°17'53	13°39	10° 2	5°56	14°42	17°34	22°44	8°16	16°42	17° 6	11°26	12° 3	5°56	14° 5	T 10
F 11	1 56 22	27°17'46	25°55	11°32	7° 7	15°22	17°36	22°49	8°14	16°43	17° 5	11°R26	12° 0	6° 3	14° 3	F 11
S 12	2 0 18	28°17'40	7♒59	13° 5	8°19	16° 2	17°37	22°54	8°12	16°44	17° 4	11°26	11°56	6°10	14° 1	S 12
S 13	2 4 15	29°17'36	19°54	14°39	9°30	16°41	17°39	22°58	8° 9	16°45	17° 3	11°25	11°53	6°16	13°58	S 13
M14	2 8 11	0♏17'34	1♓46	16°14	10°41	17°21	17°41	23° 3	8° 7	16°46	17° 2	11°24	11°50	6°23	13°56	M14
T 15	2 12 8	1°17'33	13°39	17°50	11°52	18° 1	17°43	23° 7	8° 5	16°47	17° 1	11°22	11°47	6°30	13°54	T 15
W16	2 16 4	2°17'34	25°36	19°27	13° 3	18°41	17°45	23°11	8° 3	16°47	17° 0	11°21	11°44	6°36	13°51	W16
T 17	2 20 1	3°17'37	7♈39	21° 5	14°15	19°21	17°48	23°15	8° 1	16°48	16°59	11°20	11°41	6°43	13°49	T 17
F 18	2 23 57	4°17'41	19°53	22°43	15°26	20° 0	17°50	23°20	7°59	16°49	16°57	11°19	11°37	6°50	13°47	F 18
S 19	2 27 54	5°17'48	2♉17	24°21	16°36	20°40	17°53	23°24	7°56	16°50	16°56	11°18	11°34	6°57	13°44	S 19
S 20	2 31 51	6°17'56	14°54	25°59	17°47	21°20	17°57	23°27	7°54	16°50	16°55	11°D18	11°31	7° 3	13°41	S 20
M21	2 35 47	7°18'06	27°44	27°38	18°58	22° 0	18° 0	23°31	7°52	16°51	16°54	11°19	11°28	7°10	13°39	M21
T 22	2 39 44	8°18'18	10♊47	29°16	20° 9	22°40	18° 3	23°35	7°50	16°52	16°53	11°19	11°25	7°17	13°36	T 22
W23	2 43 40	9°18'32	24° 3	0♏54	21°19	23°20	18° 7	23°39	7°48	16°52	16°52	11°19	11°22	7°23	13°33	W23
T 24	2 47 37	10°18'48	7♋33	2°32	22°30	24° 0	18°11	23°42	7°46	16°53	16°51	11°19	11°18	7°30	13°30	T 24
F 25	2 51 33	11°19'06	21°15	4°10	23°40	24°41	18°15	23°46	7°45	16°54	16°50	11°R19	11°15	7°37	13°27	F 25
S 26	2 55 30	12°19'27	5♌ 9	5°48	24°51	25°21	18°19	23°49	7°43	16°54	16°49	11°19	11°12	7°44	13°25	S 26
S 27	2 59 26	13°19'49	19°14	7°26	26° 1	26° 1	18°24	23°52	7°41	16°55	16°48	11°D19	11° 9	7°50	13°22	S 27
M28	3 3 23	14°20'13	3♍30	9° 3	27°11	26°41	18°28	23°55	7°39	16°55	16°47	11°19	11° 6	7°57	13°19	M28
T 29	3 7 20	15°20'39	17°52	10°40	28°22	27°21	18°33	23°58	7°37	16°55	16°46	11°20	11° 2	8° 4	13°15	T 29
W30	3 11 16	16°21'06	2♎18	12°17	29°32	28° 2	18°38	24° 1	7°35	16°56	16°45	11°20	10°59	8°10	13°12	W30
T 31	3 15 13	17♏21'36	16♎43	13♏53	0♑42	28♎42	18♒43	24♌ 4	7♈34	16♌56	16♈44	11♉21	10♉56	8♓17	13♊ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s49	12n55	4n41	1n32	1n28	20s23	1s19	2s46	0n47	16s44	1s10	15n13	1n 4	2n46	0s43	16n 9	0n14	9s23	17s30	15n19	15n38	14s 9	17n29	5s 7
W 2	7 12	6 26	3 56	1 22	1 37	20 43	1 23	3 2	0 47	16 44	1 10	15 12	1 4	2 45	0 43	16 8	0 14	9 23	17 30	15 18	15 37	14 6	17 28	5 8
T 3	7 35	0s26	2 54	1 8	1 45	21 3	1 26	3 17	0 47	16 44	1 10	15 10	1 4	2 44	0 43	16 8	0 14	9 23	17 30	15 17	15 36	14 3	17 28	5 8
F 4	7 57	7 13	1 42	0 50	1 51	21 22	1 29	3 33	0 46	16 44	1 10	15 9	1 4	2 43	0 43	16 7	0 14	9 24	17 30	15 16	15 35	14 0	17 27	5 9
S 5	8 20	13 31	0 24	0 28	1 56	21 41	1 32	3 49	0 46	16 43	1 9	15 7	1 5	2 42	0 43	16 7	0 14	9 24	17 30	15 16	15 34	13 58	17 27	5 9
S 6	8 42	18 58	0s54	0 2	2 0	21 59	1 35	4 5	0 45	16 43	1 9	15 6	1 5	2 41	0 43	16 7	0 14	9 25	17 30	15 16	15 33	13 55	17 26	5 10
M 7	9 5	23 14	2 6	0s26	2 2	22 16	1 38	4 21	0 45	16 43	1 9	15 4	1 5	2 40	0 43	16 6	0 14	9 25	17 30	15 17	15 32	13 52	17 25	5 10
T 8	9 27	26 7	3 10	0 57	2 4	22 33	1 40	4 37	0 45	16 42	1 9	15 3	1 5	2 39	0 43	16 6	0 14	9 25	17 30	15 17	15 31	13 49	17 25	5 10
W 9	9 49	27 31	4 1	1 30	2 5	22 50	1 43	4 52	0 44	16 42	1 9	15 1	1 5	2 38	0 43	16 6	0 14	9 26	17 30	15 17	15 30	13 46	17 24	5 11
T 10	10 10	27 26	4 40	2 5	2 4	23 5	1 46	5 8	0 44	16 42	1 9	15 0	1 6	2 38	0 43	16 6	0 14	9 26	17 30	15 18	15 29	13 43	17 23	5 11
F 11	10 32	26 0	5 5	2 41	2 3	23 20	1 49	5 24	0 43	16 41	1 9	14 59	1 6	2 37	0 43	16 5	0 14	9 26	17 30	15 18	15 28	13 41	17 23	5 12
S 12	10 54	23 23	5 16	3 19	2 1	23 35	1 52	5 40	0 43	16 40	1 8	14 57	1 6	2 36	0 43	16 5	0 14	9 27	17 30	15 18	15 27	13 38	17 22	5 12
S 13	11 15	19 49	5 13	3 58	1 59	23 49	1 54	5 55	0 43	16 40	1 8	14 56	1 6	2 35	0 43	16 5	0 14	9 27	17 30	15 17	15 26	13 35	17 21	5 13
M14	11 36	15 29	4 57	4 37	1 55	24 2	1 57	6 11	0 42	16 39	1 8	14 55	1 6	2 34	0 43	16 4	0 14	9 27	17 30	15 17	15 25	13 32	17 21	5 13
T 15	11 57	10 33	4 28	5 17	1 52	24 14	1 59	6 26	0 42	16 38	1 8	14 53	1 6	2 33	0 43	16 4	0 14	9 28	17 29	15 17	15 24	13 29	17 20	5 13
W16	12 18	5 14	3 47	5 58	1 48	24 26	2 2	6 42	0 41	16 37	1 8	14 52	1 7	2 32	0 43	16 4	0 14	9 28	17 29	15 16	15 23	13 26	17 19	5 14
T 17	12 38	0n21	2 56	6 39	1 43	24 37	2 4	6 57	0 41	16 36	1 8	14 51	1 7	2 32	0 43	16 4	0 14	9 28	17 29	15 16	15 22	13 24	17 19	5 14
F 18	12 59	6 0	1 56	7 20	1 38	24 48	2 7	7 13	0 40	16 36	1 8	14 50	1 7	2 31	0 43	16 4	0 14	9 29	17 29	15 16	15 21	13 21	17 18	5 15
S 19	13 19	11 31	0 50	8 1	1 33	24 58	2 9	7 28	0 40	16 34	1 7	14 49	1 7	2 30	0 43	16 3	0 14	9 29	17 29	15 15	15 20	13 18	17 17	5 15
S 20	13 39	16 40	0n20	8 42	1 27	25 7	2 11	7 44	0 40	16 33	1 7	14 48	1 7	2 29	0 43	16 3	0 14	9 29	17 29	15 15	15 19	13 15	17 17	5 15
M21	13 59	21 9	1 30	9 23	1 22	25 15	2 13	7 59	0 39	16 32	1 7	14 46	1 8	2 28	0 43	16 3	0 14	9 30	17 29	15 15	15 18	13 12	17 16	5 16
T 22	14 18	24 42	2 36	10 3	1 16	25 23	2 16	8 14	0 39	16 31	1 7	14 45	1 8	2 28	0 43	16 3	0 14	9 30	17 29	15 16	15 17	13 9	17 15	5 16
W23	14 38	26 57	3 36	10 44	1 10	25 30	2 18	8 30	0 38	16 30	1 7	14 44	1 8	2 27	0 43	16 3	0 14	9 30	17 28	15 16	15 16	13 6	17 15	5 16
T 24	14 57	27 40	4 24	11 23	1 3	25 36	2 20	8 45	0 38	16 28	1 7	14 43	1 8	2 26	0 43	16 2	0 14	9 30	17 28	15 16	15 15	13 3	17 14	5 17
F 25	15 16	26 43	4 58	12 3	0 57	25 42	2 21	9 0	0 37	16 27	1 7	14 42	1 8	2 25	0 43	16 2	0 14	9 30	17 28	15 16	15 14	13 0	17 13	5 17
S 26	15 34	24 7	5 15	12 42	0 50	25 47	2 23	9 15	0 37	16 26	1 6	14 42	1 9	2 25	0 43	16 2	0 14	9 31	17 28	15 16	15 13	12 58	17 13	5 17
S 27	15 53	20 3	5 14	13 20	0 44	25 51	2 25	9 30	0 36	16 24	1 6	14 41	1 9	2 24	0 43	16 2	0 15	9 31	17 28	15 16	15 12	12 55	17 12	5 18
M28	16 11	14 48	4 54	13 58	0 37	25 54	2 27	9 45	0 36	16 22	1 6	14 40	1 9	2 23	0 43	16 2	0 15	9 31	17 28	15 16	15 11	12 52	17 11	5 18
T 29	16 28	8 43	4 15	14 35	0 30	25 57	2 28	10 0	0 35	16 21	1 6	14 39	1 9	2 23	0 43	16 2	0 15	9 31	17 27	15 16	15 10	12 49	17 11	5 18
W30	16 46	2 9	3 20	15 11	0 24	25 59	2 30	10 15	0 35	16 19	1 6	14 38	1 9	2 22	0 43	16 2	0 15	9 32	17 27	15 16	15 9	12 46	17 10	5 19
T 31	17s 3	4s33	2n12	15s46	0n17	26s 0	2s31	10s30	0n35	16s17	1s 6	14n37	1n10	2n21	0s43	16n 2	0n15	9s32	17s27	15n16	15n 8	12s43	17n 9	5s19

Julian Day Number = 2303539.5, Delta T = 96.10 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'06, Lahiri = 18°12'06 Julian Calendar 1 Oct. 1594 == Greg. Calendar 11 Oct. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

NOVEMBER 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 19 9	18♏22'07	1♏ 3	15♏29	1♑52	29♎22	18♒48	24♌ 7	7°R32	16♌56	16°R43	11♉21	10♉53	8♓24	13°R 6	F 1
S 2	3 23 6	19°22'41	15°13	17° 5	3° 1	0♏ 3	18°54	24°10	7♈30	16°57	16♈42	11°R21	10°50	8°30	13♊ 3	S 2
S 3	3 27 2	20°23'15	29° 7	18°41	4°11	0°43	19° 0	24°12	7°29	16°57	16°41	11°21	10°47	8°37	12°59	S 3
M 4	3 30 59	21°23'52	12♐44	20°16	5°21	1°23	19° 6	24°15	7°27	16°57	16°40	11°20	10°43	8°44	12°56	M 4
T 5	3 34 55	22°24'30	26° 0	21°51	6°30	2° 4	19°12	24°17	7°26	16°57	16°39	11°19	10°40	8°51	12°53	T 5
W 6	3 38 52	23°25'09	8♑55	23°26	7°40	2°44	19°18	24°19	7°24	16°57	16°39	11°17	10°37	8°57	12°49	W 6
T 7	3 42 49	24°25'49	21°31	25° 1	8°49	3°25	19°24	24°21	7°23	16°58	16°38	11°15	10°34	9° 4	12°46	T 7
F 8	3 46 45	25°26'30	3♒50	26°36	9°58	4° 5	19°31	24°23	7°21	16°58	16°37	11°14	10°31	9°11	12°42	F 8
S 9	3 50 42	26°27'13	15°55	28°10	11° 7	4°46	19°37	24°25	7°20	16°R58	16°36	11°12	10°28	9°17	12°39	S 9
S 10	3 54 38	27°27'57	27°51	29°44	12°16	5°27	19°44	24°27	7°19	16°58	16°35	11°D12	10°24	9°24	12°35	S 10
M11	3 58 35	28°28'41	9♓43	1♐19	13°25	6° 7	19°51	24°29	7°17	16°58	16°34	11°13	10°21	9°31	12°32	M11
T 12	4 2 31	29°29'27	21°35	2°53	14°33	6°48	19°59	24°30	7°16	16°58	16°33	11°14	10°18	9°38	12°28	T 12
W13	4 6 28	0♐30'14	3♈33	4°26	15°42	7°29	20° 6	24°32	7°15	16°57	16°33	11°15	10°15	9°44	12°25	W13
T 14	4 10 24	1°31'01	15°40	6° 0	16°50	8° 9	20°13	24°33	7°14	16°57	16°32	11°17	10°12	9°51	12°21	T 14
F 15	4 14 21	2°31'50	28° 0	7°34	17°58	8°50	20°21	24°35	7°13	16°57	16°31	11°18	10° 8	9°58	12°17	F 15
S 16	4 18 18	3°32'40	10♉36	9° 8	19° 6	9°31	20°29	24°36	7°12	16°57	16°30	11°R19	10° 5	10° 4	12°14	S 16
S 17	4 22 14	4°33'31	23°30	10°41	20°14	10°12	20°37	24°37	7°11	16°57	16°30	11°18	10° 2	10°11	12°10	S 17
M18	4 26 11	5°34'23	6♊42	12°15	21°22	10°53	20°45	24°38	7°10	16°56	16°29	11°16	9°59	10°18	12° 6	M18
T 19	4 30 7	6°35'16	20°11	13°48	22°29	11°33	20°53	24°38	7° 9	16°56	16°28	11°13	9°56	10°24	12° 3	T 19
W20	4 34 4	7°36'10	3♋55	15°22	23°36	12°14	21° 2	24°39	7° 8	16°56	16°28	11°10	9°53	10°31	11°59	W20
T 21	4 38 0	8°37'06	17°51	16°56	24°43	12°55	21°10	24°40	7° 7	16°55	16°27	11° 5	9°49	10°38	11°55	T 21
F 22	4 41 57	9°38'03	1♌55	18°29	25°50	13°36	21°19	24°40	7° 7	16°55	16°26	11° 1	9°46	10°45	11°52	F 22
S 23	4 45 53	10°39'00	16° 5	20° 3	26°57	14°17	21°28	24°41	7° 6	16°55	16°26	10°58	9°43	10°51	11°48	S 23
S 24	4 49 50	11°39'59	0♍16	21°36	28° 3	14°58	21°37	24°41	7° 5	16°54	16°25	10°56	9°40	10°58	11°44	S 24
M25	4 53 47	12°41'00	14°26	23° 9	29°10	15°39	21°46	24°41	7° 5	16°54	16°25	10°D56	9°37	11° 5	11°41	M25
T 26	4 57 43	13°42'01	28°34	24°43	0♒16	16°21	21°55	24°R41	7° 4	16°53	16°24	10°56	9°34	11°11	11°37	T 26
W27	5 1 40	14°43'03	12♎37	26°16	1°22	17° 2	22° 4	24°41	7° 3	16°52	16°24	10°58	9°30	11°18	11°33	W27
T 28	5 5 36	15°44'07	26°35	27°49	2°27	17°43	22°14	24°41	7° 3	16°52	16°23	10°59	9°27	11°25	11°29	T 28
F 29	5 9 33	16°45'11	10♏26	29°22	3°33	18°24	22°23	24°41	7° 3	16°51	16°22	11°R 0	9°24	11°31	11°26	F 29
S 30	5 13 29	17♐46'17	24♏ 7	0♑55	4♒38	19♏ 5	22♒33	24♌40	7♈ 2	16♌51	16♈22	10♉59	9♉21	11♓38	11♊22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s20	10s59	0n57	16s21	0n10	26s 1	2s32	10s45	0n34	16s16	1s 6	14n37	1n10	2n21	0s43	16n 2	0n15	9s32	17s27	15n16	15n 7	12s40	17n 9	5s19
S 2	17 37	16 47	0s21	16 55	0 3	26 1	2 33	10 59	0 34	16 14	1 6	14 36	1 10	2 20	0 43	16 2	0 15	9 32	17 27	15 16	15 6	12 37	17 8	5 20
S 3	17 53	21 35	1 37	17 28	0s 3	26 0	2 34	11 14	0 33	16 12	1 5	14 35	1 10	2 19	0 43	16 1	0 15	9 32	17 26	15 16	15 5	12 34	17 7	5 20
M 4	18 9	25 6	2 45	18 1	0 10	25 58	2 35	11 28	0 33	16 10	1 5	14 35	1 11	2 19	0 43	16 1	0 15	9 32	17 26	15 16	15 4	12 31	17 6	5 20
T 5	18 25	27 9	3 43	18 32	0 17	25 56	2 36	11 43	0 32	16 8	1 5	14 34	1 11	2 18	0 43	16 1	0 15	9 32	17 26	15 15	15 3	12 28	17 6	5 20
W 6	18 40	27 38	4 27	19 3	0 23	25 53	2 37	11 57	0 32	16 6	1 5	14 34	1 11	2 18	0 43	16 1	0 15	9 33	17 26	15 15	15 3	12 26	17 5	5 21
T 7	18 55	26 40	4 58	19 33	0 30	25 49	2 38	12 12	0 31	16 4	1 5	14 33	1 11	2 17	0 42	16 1	0 15	9 33	17 26	15 14	15 2	12 23	17 4	5 21
F 8	19 10	24 25	5 13	20 1	0 36	25 45	2 38	12 26	0 31	16 1	1 5	14 33	1 11	2 17	0 42	16 1	0 15	9 33	17 25	15 14	15 1	12 20	17 4	5 21
S 9	19 24	21 6	5 15	20 29	0 42	25 40	2 39	12 40	0 30	15 59	1 5	14 32	1 12	2 16	0 42	16 1	0 15	9 33	17 25	15 14	15 0	12 17	17 3	5 21
S 10	19 38	16 59	5 3	20 56	0 49	25 34	2 39	12 54	0 30	15 57	1 4	14 32	1 12	2 16	0 42	16 1	0 15	9 33	17 25	15 13	14 59	12 14	17 2	5 22
M11	19 52	12 14	4 38	21 22	0 55	25 27	2 39	13 8	0 29	15 55	1 4	14 31	1 12	2 15	0 42	16 1	0 15	9 33	17 25	15 14	14 58	12 11	17 2	5 22
T 12	20 5	7 2	4 1	21 46	1 1	25 20	2 39	13 22	0 29	15 52	1 4	14 31	1 12	2 15	0 42	16 1	0 15	9 33	17 24	15 14	14 57	12 8	17 1	5 22
W13	20 18	1 33	3 13	22 10	1 7	25 12	2 39	13 36	0 28	15 50	1 4	14 31	1 12	2 14	0 42	16 1	0 15	9 33	17 24	15 14	14 56	12 5	17 0	5 22
T 14	20 31	4n 5	2 17	22 33	1 12	25 3	2 39	13 49	0 28	15 47	1 4	14 31	1 13	2 14	0 42	16 2	0 15	9 33	17 24	15 15	14 55	12 2	17 0	5 22
F 15	20 43	9 39	1 13	22 54	1 18	24 54	2 39	14 3	0 27	15 45	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 24	15 15	14 54	11 59	16 59	5 23
S 16	20 55	14 59	0 4	23 14	1 23	24 44	2 38	14 16	0 27	15 42	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 23	15 16	14 53	11 56	16 59	5 23
S 17	21 6	19 46	1n 7	23 33	1 28	24 34	2 38	14 30	0 26	15 39	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 23	15 15	14 52	11 53	16 58	5 23
M18	21 17	23 42	2 15	23 51	1 33	24 23	2 37	14 43	0 26	15 37	1 3	14 30	1 14	2 12	0 42	16 2	0 15	9 33	17 23	15 15	14 51	11 50	16 57	5 23
T 19	21 28	26 25	3 17	24 8	1 38	24 11	2 36	14 56	0 25	15 34	1 3	14 30	1 14	2 12	0 42	16 2	0 15	9 33	17 22	15 14	14 50	11 47	16 57	5 23
W20	21 38	27 35	4 9	24 23	1 43	23 58	2 35	15 9	0 24	15 31	1 3	14 30	1 14	2 12	0 42	16 2	0 15	9 33	17 22	15 13	14 48	11 44	16 56	5 23
T 21	21 47	27 3	4 48	24 37	1 47	23 45	2 34	15 22	0 24	15 28	1 3	14 30	1 14	2 11	0 42	16 2	0 15	9 33	17 22	15 11	14 47	11 41	16 55	5 24
F 22	21 57	24 47	5 9	24 50	1 51	23 32	2 33	15 35	0 23	15 25	1 3	14 30	1 14	2 11	0 42	16 2	0 15	9 33	17 22	15 10	14 46	11 38	16 55	5 24
S 23	22 6	21 0	5 11	25 2	1 55	23 17	2 31	15 48	0 23	15 22	1 3	14 30	1 15	2 11	0 42	16 3	0 15	9 33	17 21	15 9	14 45	11 35	16 54	5 24
S 24	22 14	16 0	4 55	25 12	1 58	23 3	2 30	16 1	0 22	15 19	1 3	14 30	1 15	2 11	0 42	16 3	0 15	9 33	17 21	15 8	14 44	11 32	16 54	5 24
M25	22 22	10 9	4 21	25 20	2 2	22 47	2 28	16 13	0 22	15 16	1 3	14 30	1 15	2 10	0 42	16 3	0 15	9 33	17 21	15 8	14 43	11 29	16 53	5 24
T 26	22 30	3 48	3 31	25 28	2 5	22 31	2 26	16 26	0 21	15 13	1 3	14 30	1 15	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 42	11 26	16 52	5 24
W27	22 37	2s43	2 29	25 34	2 7	22 15	2 25	16 38	0 21	15 10	1 2	14 31	1 16	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 41	11 23	16 52	5 24
T 28	22 44	9 4	1 18	25 38	2 9	21 58	2 22	16 50	0 20	15 7	1 2	14 31	1 16	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 40	11 20	16 51	5 24
F 29	22 50	14 56	0 3	25 41	2 11	21 41	2 20	17 2	0 19	15 4	1 2	14 31	1 16	2 10	0 42	16 4	0 15	9 33	17 19	15 10	14 39	11 17	16 51	5 24
S 30	22s56	19s59	1s11	25s42	2s13	21s23	2s18	17s14	0n19	15s 0	1s 2	14n32	1n16	2n10	0s42	16n 4	0n15	9s32	17s19	15n 9	14n38	11s14	16n50	5s24

Julian Day Number = 2303570.5, Delta T = 95.98 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'10, Lahiri = 18°12'10 Julian Calendar 1 Nov. 1594 == Greg. Calendar 11 Nov. 1594

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ASTRODIENST EPHEMERIS for the year 1594
geocentric

DECEMBER 1594 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 17 26	18♐47'23	7♐38	2♑28	5♒43	19♏47	22♒43	24°R40	7°R 2	16°R50	16°R22	10°R56	9♉18	11♓45	11°R18	S 1
M 2	5 21 22	19°48'30	20°57	4° 0	6°47	20°28	22°53	24♎39	7♈ 2	16♎49	16♈21	10♉52	9°14	11°52	11♊15	M 2
T 3	5 25 19	20°49'38	4♑ 0	5°32	7°51	21° 9	23° 3	24°38	7° 1	16°48	16°21	10°45	9°11	11°58	11°11	T 3
W 4	5 29 16	21°50'46	16°48	7° 4	8°55	21°51	23°14	24°37	7° 1	16°48	16°20	10°38	9° 8	12° 5	11° 7	W 4
T 5	5 33 12	22°51'55	29°20	8°35	9°59	22°32	23°24	24°36	7° 1	16°47	16°20	10°30	9° 5	12°12	11° 4	T 5
F 6	5 37 9	23°53'03	11♒38	10° 5	11° 3	23°14	23°34	24°35	7° 1	16°46	16°20	10°22	9° 2	12°18	11° 0	F 6
S 7	5 41 5	24°54'13	23°43	11°34	12° 6	23°55	23°45	24°34	7°D 1	16°45	16°19	10°16	8°59	12°25	10°56	S 7
S 8	5 45 2	25°55'22	5♓39	13° 2	13° 8	24°37	23°56	24°33	7° 1	16°44	16°19	10°11	8°55	12°32	10°53	S 8
M 9	5 48 58	26°56'31	17°30	14°29	14°11	25°18	24° 6	24°31	7° 1	16°43	16°19	10° 9	8°52	12°39	10°49	M 9
T 10	5 52 55	27°57'40	29°21	15°55	15°13	26° 0	24°17	24°30	7° 1	16°42	16°18	10°D 8	8°49	12°45	10°46	T 10
W11	5 56 52	28°58'50	11♈16	17°18	16°14	26°41	24°28	24°28	7° 2	16°41	16°18	10° 9	8°46	12°52	10°42	W11
T 12	6 0 48	29°59'59	23°22	18°39	17°16	27°23	24°40	24°26	7° 2	16°40	16°18	10°10	8°43	12°59	10°39	T 12
F 13	6 4 45	1♑ 1'09	5♉43	19°58	18°16	28° 5	24°51	24°25	7° 2	16°39	16°18	10°R11	8°40	13° 5	10°35	F 13
S 14	6 8 41	2° 2'18	18°24	21°13	19°17	28°46	25° 2	24°23	7° 3	16°38	16°18	10°11	8°36	13°12	10°32	S 14
S 15	6 12 38	3° 3'27	1♊27	22°24	20°17	29°28	25°14	24°21	7° 3	16°37	16°17	10° 9	8°33	13°19	10°29	S 15
M16	6 16 34	4° 4'37	14°54	23°32	21°16	0♐10	25°25	24°18	7° 3	16°36	16°17	10° 4	8°30	13°25	10°25	M16
T 17	6 20 31	5° 5'46	28°45	24°34	22°15	0°52	25°37	24°16	7° 4	16°35	16°17	9°57	8°27	13°32	10°22	T 17
W18	6 24 27	6° 6'56	12♋56	25°30	23°14	1°34	25°48	24°14	7° 5	16°34	16°17	9°49	8°24	13°39	10°19	W18
T 19	6 28 24	7° 8'05	27°22	26°20	24°12	2°15	26° 0	24°11	7° 5	16°32	16°17	9°39	8°20	13°46	10°15	T 19
F 20	6 32 21	8° 9'15	11♌56	27° 3	25° 9	2°57	26°12	24° 9	7° 6	16°31	16°17	9°29	8°17	13°52	10°12	F 20
S 21	6 36 17	9°10'24	26°32	27°37	26° 6	3°39	26°24	24° 6	7° 7	16°30	16°D17	9°21	8°14	13°59	10° 9	S 21
S 22	6 40 14	10°11'34	11♍ 2	28° 2	27° 3	4°21	26°36	24° 3	7° 7	16°29	16°17	9°16	8°11	14° 6	10° 6	S 22
M23	6 44 10	11°12'44	25°22	28°16	27°58	5° 3	26°48	24° 1	7° 8	16°27	16°17	9°12	8° 8	14°12	10° 3	M23
T 24	6 48 7	12°13'53	9♎30	28°R20	28°54	5°45	27° 1	23°58	7° 9	16°26	16°17	9°D11	8° 5	14°19	10° 0	T 24
W25	6 52 3	13°15'03	23°24	28°12	29°48	6°27	27°13	23°55	7°10	16°25	16°17	9°11	8° 1	14°26	9°57	W25
T 26	6 56 0	14°16'13	7♏ 5	27°53	0♓42	7° 9	27°25	23°52	7°11	16°23	16°17	9°R12	7°58	14°32	9°54	T 26
F 27	6 59 56	15°17'23	20°34	27°22	1°35	7°52	27°38	23°48	7°12	16°22	16°17	9°11	7°55	14°39	9°51	F 27
S 28	7 3 53	16°18'33	3♐51	26°39	2°28	8°34	27°50	23°45	7°13	16°21	16°18	9° 9	7°52	14°46	9°49	S 28
S 29	7 7 50	17°19'43	16°57	25°46	3°19	9°16	28° 3	23°42	7°14	16°19	16°18	9° 3	7°49	14°52	9°46	S 29
M30	7 11 46	18°20'52	29°53	24°44	4°10	9°58	28°16	23°38	7°15	16°18	16°18	8°55	7°46	14°59	9°43	M30
T 31	7 15 43	19♑22'02	12♑38	23♑34	5♓ 1	10♐40	28♒29	23♎35	7♈17	16♎16	16♈18	8♉43	7♉42	15♓ 6	9♊41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	23s56	2s20	25s42	2s14	21s 4	2s15	17s26	0n18	14s57	1s 2	14n32	1n16	2n10	0s42	16n 4	0n15	9s32	17s19	15n 9	14n37	11s11	16n50	5s25
M 2	23 6	26 30	3 20	25 41	2 15	20 45	2 13	17 37	0 18	14 54	1 2	14 32	1 17	2 10	0 42	16 4	0 15	9 32	17 18	15 7	14 36	11 8	16 49	5 25
T 3	23 11	27 34	4 8	25 37	2 15	20 26	2 10	17 49	0 17	14 50	1 2	14 33	1 17	2 10	0 42	16 5	0 15	9 32	17 18	15 5	14 35	11 5	16 49	5 25
W 4	23 15	27 6	4 43	25 33	2 15	20 6	2 7	18 0	0 17	14 47	1 2	14 33	1 17	2 9	0 41	16 5	0 15	9 32	17 18	15 3	14 34	11 2	16 48	5 25
T 5	23 18	25 16	5 3	25 26	2 14	19 46	2 3	18 11	0 16	14 43	1 2	14 34	1 17	2 9	0 41	16 5	0 15	9 32	17 17	15 0	14 33	10 59	16 48	5 25
F 6	23 21	22 16	5 8	25 19	2 12	19 25	2 0	18 23	0 15	14 40	1 2	14 34	1 18	2 9	0 41	16 5	0 15	9 31	17 17	14 58	14 32	10 56	16 47	5 25
S 7	23 24	18 22	5 0	25 9	2 10	19 4	1 57	18 33	0 15	14 36	1 1	14 35	1 18	2 10	0 41	16 6	0 15	9 31	17 17	14 56	14 31	10 53	16 47	5 25
S 8	23 26	13 47	4 39	24 58	2 8	18 43	1 53	18 44	0 14	14 32	1 1	14 36	1 18	2 10	0 41	16 6	0 15	9 31	17 16	14 54	14 30	10 50	16 46	5 25
M 9	23 28	8 43	4 6	24 46	2 4	18 21	1 49	18 55	0 13	14 29	1 1	14 36	1 18	2 10	0 41	16 6	0 15	9 31	17 16	14 54	14 29	10 47	16 46	5 25
T 10	23 29	3 21	3 22	24 32	2 0	17 59	1 45	19 5	0 13	14 25	1 1	14 37	1 18	2 10	0 41	16 7	0 15	9 31	17 16	14 53	14 28	10 44	16 45	5 25
W11	23 29	2n11	2 29	24 17	1 55	17 37	1 41	19 16	0 12	14 21	1 1	14 38	1 19	2 10	0 41	16 7	0 15	9 30	17 15	14 54	14 27	10 41	16 45	5 25
T 12	23 30	7 43	1 29	24 0	1 50	17 14	1 37	19 26	0 12	14 17	1 1	14 39	1 19	2 10	0 41	16 7	0 15	9 30	17 15	14 54	14 26	10 38	16 44	5 25
F 13	23 29	13 5	0 24	23 43	1 43	16 51	1 32	19 36	0 11	14 14	1 1	14 39	1 19	2 10	0 41	16 8	0 15	9 30	17 14	14 54	14 25	10 35	16 44	5 24
S 14	23 29	18 3	0n44	23 24	1 36	16 27	1 27	19 46	0 10	14 10	1 1	14 40	1 19	2 10	0 41	16 8	0 15	9 30	17 14	14 54	14 24	10 32	16 43	5 24
S 15	23 28	22 19	1 52	23 4	1 27	16 4	1 22	19 55	0 10	14 6	1 1	14 41	1 19	2 11	0 41	16 8	0 15	9 29	17 14	14 54	14 23	10 29	16 43	5 24
M16	23 26	25 32	2 55	22 43	1 18	15 40	1 17	20 5	0 9	14 2	1 1	14 42	1 20	2 11	0 41	16 9	0 15	9 29	17 13	14 52	14 22	10 26	16 43	5 24
T 17	23 24	27 19	3 50	22 22	1 8	15 16	1 12	20 14	0 8	13 58	1 1	14 43	1 20	2 11	0 41	16 9	0 15	9 29	17 13	14 50	14 21	10 22	16 42	5 24
W18	23 21	27 22	4 32	22 0	0 56	14 51	1 7	20 24	0 8	13 54	1 1	14 44	1 20	2 11	0 41	16 9	0 16	9 28	17 13	14 47	14 20	10 19	16 42	5 24
T 19	23 18	25 35	4 57	21 38	0 43	14 27	1 1	20 33	0 7	13 50	1 0	14 45	1 20	2 12	0 41	16 10	0 16	9 28	17 12	14 44	14 19	10 16	16 42	5 24
F 20	23 15	22 6	5 4	21 17	0 29	14 2	0 55	20 41	0 7	13 45	1 0	14 46	1 21	2 12	0 41	16 10	0 16	9 28	17 12	14 41	14 18	10 13	16 41	5 24
S 21	23 11	17 15	4 51	20 55	0 14	13 37	0 49	20 50	0 6	13 41	1 0	14 47	1 21	2 12	0 41	16 10	0 16	9 27	17 12	14 39	14 17	10 10	16 41	5 24
S 22	23 6	11 26	4 19	20 35	0n 2	13 12	0 43	20 59	0 5	13 37	1 0	14 48	1 21	2 13	0 41	16 11	0 16	9 27	17 11	14 37	14 16	10 7	16 41	5 24
M23	23 1	5 5	3 31	20 15	0 19	12 47	0 37	21 7	0 5	13 33	1 0	14 49	1 21	2 13	0 41	16 11	0 16	9 27	17 11	14 36	14 15	10 4	16 40	5 24
T 24	22 56	1s27	2 31	19 57	0 36	12 22	0 30	21 15	0 4	13 29	1 0	14 51	1 21	2 13	0 41	16 12	0 16	9 26	17 10	14 35	14 14	10 1	16 40	5 23
W25	22 50	7 49	1 23	19 40	0 55	11 56	0 24	21 23	0 3	13 24	1 0	14 52	1 22	2 14	0 41	16 12	0 16	9 26	17 10	14 35	14 13	9 58	16 40	5 23
T 26	22 44	13 44	0 11	19 25	1 14	11 31	0 17	21 31	0 2	13 20	1 0	14 53	1 22	2 14	0 41	16 13	0 16	9 26	17 10	14 36	14 12	9 55	16 39	5 23
F 27	22 37	18 54	1s 0	19 13	1 33	11 5	0 10	21 38	0 2	13 16	1 0	14 54	1 22	2 15	0 41	16 13	0 16	9 25	17 9	14 35	14 11	9 52	16 39	5 23
S 28	22 30	23 3	2 7	19 3	1 52	10 39	0 2	21 46	0 1	13 11	1 0	14 55	1 22	2 15	0 41	16 13	0 16	9 25	17 9	14 35	14 10	9 49	16 39	5 23
S 29	22 22	25 56	3 6	18 55	2 10	10 14	0n 5	21 53	0 0	13 7	1 0	14 57	1 22	2 15	0 41	16 14	0 16	9 24	17 9	14 33	14 9	9 45	16 39	5 23
M30	22 14	27 24	3 55	18 49	2 27	9 48	0 13	22 0	0s 0	13 2	1 0	14 58	1 22	2 16	0 40	16 14	0 16	9 24	17 8	14 30	14 8	9 42	16 38	5 23
T 31	22s 6	27s23	4s31	18s45	2n43	9s22	0n21	22s 7	0s 1	12s58	1s 0	14n59	1n23	2n17	0s40	16n15	0n16	9s24	17s 8	14n26	14n 7	9s39	16n38	5s22

Julian Day Number = 2303600.5, Delta T = 95.86 sec
Ecliptic obliquity = 23°29'37, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'14, Lahiri = 18°12'15 Julian Calendar 1 Dec. 1594 == Greg. Calendar 11 Dec. 1594

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

JANUARY 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 19 39	20♑23'10	25♑11	22°R19	5♓50	11♐23	28♒41	23°R31	7♈18	16°R15	16♈18	8°R30	7♉39	15♓13	9°R38	W 1
T 2	7 23 36	21°24'18	7♒33	21♑ 1	6°39	12° 5	28°54	23♌28	7°19	16♌13	16°19	8♉17	7°36	15°19	9♊36	T 2
F 3	7 27 32	22°25'26	19°44	19°43	7°26	12°47	29° 7	23°24	7°21	16°12	16°19	8° 3	7°33	15°26	9°33	F 3
S 4	7 31 29	23°26'32	1♓46	18°27	8°13	13°30	29°21	23°20	7°22	16°10	16°19	7°51	7°30	15°33	9°31	S 4
S 5	7 35 26	24°27'38	13°39	17°14	8°59	14°12	29°34	23°16	7°23	16° 9	16°20	7°42	7°26	15°39	9°28	S 5
M 6	7 39 22	25°28'43	25°29	16° 8	9°43	14°55	29°47	23°12	7°25	16° 7	16°20	7°35	7°23	15°46	9°26	M 6
T 7	7 43 19	26°29'47	7♈17	15° 9	10°27	15°37	0♓ 0	23° 8	7°27	16° 6	16°20	7°32	7°20	15°53	9°24	T 7
W 8	7 47 15	27°30'50	19°10	14°18	11° 9	16°20	0°13	23° 4	7°28	16° 4	16°21	7°30	7°17	15°59	9°22	W 8
T 9	7 51 12	28°31'51	1♉12	13°36	11°51	17° 2	0°27	23° 0	7°30	16° 3	16°21	7°30	7°14	16° 6	9°20	T 9
F 10	7 55 8	29°32'52	13°30	13° 3	12°31	17°45	0°40	22°56	7°31	16° 1	16°22	7°30	7°11	16°13	9°18	F 10
S 11	7 59 5	0♒33'52	26° 7	12°39	13°10	18°27	0°54	22°51	7°33	15°59	16°22	7°29	7° 7	16°20	9°16	S 11
S 12	8 3 1	1°34'50	9♊10	12°24	13°48	19°10	1° 7	22°47	7°35	15°58	16°22	7°26	7° 4	16°26	9°14	S 12
M13	8 6 58	2°35'48	22°41	12°D17	14°24	19°53	1°21	22°43	7°37	15°56	16°23	7°20	7° 1	16°33	9°12	M13
T 14	8 10 55	3°36'44	6♋41	12°18	14°59	20°35	1°34	22°38	7°39	15°54	16°23	7°11	6°58	16°40	9°11	T 14
W15	8 14 51	4°37'39	21° 7	12°27	15°32	21°18	1°48	22°34	7°41	15°53	16°24	7° 0	6°55	16°46	9° 9	W15
T 16	8 18 48	5°38'33	5♌54	12°43	16° 4	22° 1	2° 2	22°29	7°43	15°51	16°25	6°48	6°52	16°53	9° 8	T 16
F 17	8 22 44	6°39'26	20°54	13° 5	16°35	22°44	2°16	22°25	7°45	15°50	16°25	6°37	6°48	17° 0	9° 6	F 17
S 18	8 26 41	7°40'18	5♍56	13°33	17° 3	23°26	2°30	22°20	7°47	15°48	16°26	6°26	6°45	17° 6	9° 5	S 18
S 19	8 30 37	8°41'09	20°51	14° 6	17°30	24° 9	2°43	22°15	7°49	15°46	16°26	6°18	6°42	17°13	9° 3	S 19
M20	8 34 34	9°41'59	5♎32	14°44	17°56	24°52	2°57	22°11	7°51	15°45	16°27	6°13	6°39	17°20	9° 2	M20
T 21	8 38 30	10°42'48	19°54	15°27	18°19	25°35	3°11	22° 6	7°53	15°43	16°28	6°11	6°36	17°26	9° 1	T 21
W22	8 42 27	11°43'36	3♏54	16°14	18°41	26°18	3°25	22° 1	7°55	15°41	16°28	6°10	6°32	17°33	9° 0	W22
T 23	8 46 24	12°44'23	17°33	17° 4	19° 0	27° 1	3°39	21°56	7°58	15°39	16°29	6°10	6°29	17°40	8°59	T 23
F 24	8 50 20	13°45'09	0♐53	17°58	19°18	27°44	3°53	21°52	8° 0	15°38	16°30	6° 9	6°26	17°47	8°58	F 24
S 25	8 54 17	14°45'54	13°56	18°55	19°34	28°27	4° 7	21°47	8° 2	15°36	16°31	6° 7	6°23	17°53	8°57	S 25
S 26	8 58 13	15°46'38	26°45	19°55	19°47	29°10	4°22	21°42	8° 5	15°34	16°31	6° 1	6°20	18° 0	8°56	S 26
M27	9 2 10	16°47'21	9♑22	20°58	19°58	29°53	4°36	21°37	8° 7	15°33	16°32	5°52	6°17	18° 7	8°56	M27
T 28	9 6 6	17°48'03	21°49	22° 3	20° 7	0♑36	4°50	21°32	8° 9	15°31	16°33	5°41	6°13	18°13	8°55	T 28
W29	9 10 3	18°48'44	4♒ 7	23°10	20°14	1°19	5° 4	21°27	8°12	15°29	16°34	5°27	6°10	18°20	8°54	W29
T 30	9 13 59	19°49'23	16°16	24°19	20°19	2° 2	5°18	21°23	8°14	15°28	16°35	5°13	6° 7	18°27	8°54	T 30
F 31	9 17 56	20♒50'00	28♒19	25♑31	20°R21	2♑46	5♓33	21♌18	8♈17	15♌26	16♈35	4♉59	6♉ 4	18♓33	8♊54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s57	25s56	4s53	18s44	2n57	8s57	0n29	22s13	0s 2	12s53	1s 0	15n 1	1n23	2n17	0s40	16n15	0n16	9s23	17s 8	14n22	14n 6	9s36	16n38	5s22
T 2	21 47	23 16	5 1	18 45	3 8	8 31	0 37	22 20	0 2	12 49	1 0	15 2	1 23	2 18	0 40	16 16	0 16	9 23	17 7	14 18	14 5	9 33	16 38	5 22
F 3	21 37	19 35	4 55	18 47	3 18	8 5	0 46	22 26	0 3	12 44	1 0	15 4	1 23	2 18	0 40	16 16	0 16	9 22	17 7	14 13	14 4	9 30	16 38	5 22
S 4	21 27	15 9	4 35	18 51	3 24	7 40	0 54	22 32	0 4	12 39	1 0	15 5	1 23	2 19	0 40	16 17	0 16	9 22	17 6	14 10	14 3	9 27	16 38	5 22
S 5	21 17	10 12	4 4	18 56	3 29	7 15	1 3	22 38	0 5	12 35	0 59	15 7	1 24	2 19	0 40	16 17	0 16	9 21	17 6	14 7	14 2	9 24	16 37	5 21
M 6	21 6	4 54	3 23	19 2	3 30	6 49	1 12	22 44	0 5	12 30	0 59	15 8	1 24	2 20	0 40	16 18	0 16	9 21	17 6	14 4	14 1	9 21	16 37	5 21
T 7	20 54	0n34	2 33	19 9	3 30	6 24	1 22	22 49	0 6	12 25	0 59	15 9	1 24	2 21	0 40	16 18	0 16	9 20	17 5	14 3	13 59	9 17	16 37	5 21
W 8	20 42	6 3	1 35	19 17	3 27	5 59	1 31	22 54	0 7	12 21	0 59	15 11	1 24	2 21	0 40	16 19	0 16	9 20	17 5	14 3	13 58	9 14	16 37	5 21
T 9	20 30	11 24	0 33	19 26	3 23	5 35	1 41	22 59	0 7	12 16	0 59	15 13	1 24	2 22	0 40	16 19	0 16	9 19	17 5	14 3	13 57	9 11	16 37	5 21
F 10	20 18	16 26	0n32	19 35	3 17	5 10	1 51	23 4	0 8	12 11	0 59	15 14	1 24	2 23	0 40	16 19	0 16	9 19	17 4	14 3	13 56	9 8	16 37	5 20
S 11	20 5	20 54	1 37	19 44	3 10	4 46	2 1	23 8	0 9	12 6	0 59	15 16	1 25	2 23	0 40	16 20	0 16	9 18	17 4	14 2	13 55	9 5	16 37	5 20
S 12	19 51	24 30	2 39	19 54	3 2	4 22	2 11	23 13	0 10	12 1	0 59	15 17	1 25	2 24	0 40	16 20	0 16	9 18	17 4	14 1	13 54	9 2	16 37	5 20
M13	19 37	26 52	3 34	20 4	2 53	3 58	2 22	23 17	0 10	11 57	0 59	15 19	1 25	2 25	0 40	16 21	0 16	9 17	17 3	13 59	13 53	8 59	16 37	5 20
T 14	19 23	27 38	4 19	20 13	2 43	3 35	2 33	23 21	0 11	11 52	0 59	15 20	1 25	2 26	0 40	16 21	0 16	9 17	17 3	13 57	13 52	8 56	16 37	5 19
W15	19 9	26 35	4 49	20 23	2 33	3 12	2 44	23 24	0 12	11 47	0 59	15 22	1 25	2 27	0 40	16 22	0 16	9 16	17 2	13 53	13 51	8 52	16 37	5 19
T 16	18 54	23 41	5 0	20 32	2 22	2 49	2 55	23 28	0 13	11 42	0 59	15 24	1 25	2 27	0 40	16 22	0 16	9 16	17 2	13 49	13 50	8 49	16 37	5 19
F 17	18 39	19 9	4 51	20 41	2 11	2 27	3 6	23 31	0 14	11 37	0 59	15 25	1 25	2 28	0 40	16 23	0 16	9 15	17 2	13 45	13 49	8 46	16 37	5 19
S 18	18 24	13 24	4 22	20 49	2 0	2 6	3 17	23 34	0 14	11 32	0 59	15 27	1 26	2 29	0 40	16 23	0 16	9 15	17 1	13 42	13 48	8 43	16 37	5 18
S 19	18 8	6 55	3 35	20 56	1 49	1 44	3 29	23 37	0 15	11 27	0 59	15 29	1 26	2 30	0 40	16 24	0 16	9 14	17 1	13 39	13 47	8 40	16 37	5 18
M20	17 52	0 9	2 34	21 3	1 38	1 24	3 41	23 39	0 16	11 22	0 59	15 30	1 26	2 31	0 40	16 25	0 16	9 14	17 1	13 37	13 46	8 37	16 37	5 18
T 21	17 35	6s29	1 25	21 10	1 27	1 4	3 53	23 42	0 17	11 17	0 59	15 32	1 26	2 32	0 40	16 25	0 16	9 13	17 0	13 37	13 45	8 33	16 37	5 17
W22	17 19	12 39	0 12	21 15	1 16	0 44	4 5	23 44	0 17	11 12	0 59	15 33	1 26	2 33	0 40	16 26	0 16	9 13	17 0	13 37	13 44	8 30	16 37	5 17
T 23	17 2	18 4	1s 0	21 20	1 5	0 25	4 17	23 46	0 18	11 6	0 59	15 35	1 26	2 33	0 40	16 26	0 16	9 12	17 0	13 37	13 43	8 27	16 38	5 17
F 24	16 44	22 27	2 7	21 23	0 54	0 7	4 29	23 47	0 19	11 1	0 59	15 37	1 26	2 34	0 40	16 27	0 16	9 11	16 59	13 36	13 42	8 24	16 38	5 17
S 25	16 27	25 35	3 5	21 26	0 44	0n10	4 42	23 49	0 20	10 56	0 59	15 38	1 26	2 35	0 40	16 27	0 16	9 11	16 59	13 35	13 41	8 21	16 38	5 16
S 26	16 9	27 21	3 53	21 27	0 34	0 27	4 54	23 50	0 21	10 51	0 59	15 40	1 27	2 36	0 40	16 28	0 16	9 10	16 59	13 33	13 40	8 18	16 38	5 16
M27	15 50	27 38	4 29	21 28	0 24	0 43	5 7	23 51	0 21	10 46	0 59	15 42	1 27	2 37	0 39	16 28	0 16	9 10	16 59	13 31	13 39	8 14	16 38	5 16
T 28	15 32	26 31	4 52	21 27	0 14	0 58	5 19	23 52	0 22	10 41	0 59	15 44	1 27	2 38	0 39	16 29	0 16	9 9	16 58	13 27	13 38	8 11	16 38	5 15
W29	15 13	24 7	5 0	21 26	0 4	1 12	5 32	23 52	0 23	10 35	0 59	15 45	1 27	2 39	0 39	16 29	0 16	9 9	16 58	13 22	13 36	8 8	16 39	5 15
T 30	14 54	20 40	4 55	21 23	0s 5	1 26	5 44	23 53	0 24	10 30	0 59	15 47	1 27	2 40	0 39	16 30	0 16	9 8	16 58	13 17	13 35	8 5	16 39	5 15
F 31	14s35	16s24	4s36	21s19	0s14	1n38	5n57	23s53	0s25	10s25	0s59	15n49	1n27	2n41	0s39	16n30	0n16	9s 7	16s57	13n13	13n34	8s 2	16n39	5s15

Julian Day Number = 2303631.5, Delta T = 95.73 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'18, Lahiri = 18°12'19 Julian Calendar 1 Jan. 1595 == Greg. Calendar 11 Jan. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

FEBRUARY 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 21 53	21♒50'36	10♓14	26♑44	20°R20	3♑29	5♓47	21°R13	8♈20	15°R24	16♈36	4°R47	6♉ 1	18♓40	8°R53	S 1
S 2	9 25 49	22°51'10	22° 5	27°59	20♓17	4°12	6° 1	21♌ 8	8°22	15♌23	16°37	4♉37	5°58	18°47	8♊53	S 2
M 3	9 29 46	23°51'43	3♈53	29°15	20°12	4°55	6°16	21° 3	8°25	15°21	16°38	4°30	5°54	18°53	8°53	M 3
T 4	9 33 42	24°52'13	15°41	0♒33	20° 4	5°39	6°30	20°58	8°27	15°19	16°39	4°25	5°51	19° 0	8°D53	T 4
W 5	9 37 39	25°52'42	27°33	1°52	19°54	6°22	6°44	20°53	8°30	15°18	16°40	4°24	5°48	19° 7	8°53	W 5
T 6	9 41 35	26°53'10	9♉34	3°13	19°41	7° 5	6°59	20°48	8°33	15°16	16°41	4°D23	5°45	19°13	8°53	T 6
F 7	9 45 32	27°53'35	21°48	4°35	19°25	7°49	7°13	20°44	8°36	15°14	16°42	4°R24	5°42	19°20	8°53	F 7
S 8	9 49 28	28°53'58	4♊22	5°58	19° 7	8°32	7°28	20°39	8°38	15°13	16°43	4°24	5°38	19°27	8°53	S 8
S 9	9 53 25	29°54'20	17°19	7°23	18°47	9°16	7°42	20°34	8°41	15°11	16°44	4°22	5°35	19°34	8°54	S 9
M10	9 57 22	0♓54'39	0♋44	8°49	18°24	9°59	7°57	20°29	8°44	15° 9	16°45	4°19	5°32	19°40	8°54	M10
T 11	10 1 18	1°54'57	14°39	10°16	17°59	10°42	8°11	20°25	8°47	15° 8	16°46	4°13	5°29	19°47	8°55	T 11
W12	10 5 15	2°55'12	29° 4	11°44	17°32	11°26	8°26	20°20	8°50	15° 6	16°47	4° 5	5°26	19°54	8°55	W12
T 13	10 9 11	3°55'26	13♌54	13°13	17° 3	12°10	8°40	20°15	8°53	15° 5	16°48	3°55	5°23	20° 0	8°56	T 13
F 14	10 13 8	4°55'37	29° 3	14°44	16°32	12°53	8°55	20°11	8°56	15° 3	16°49	3°46	5°19	20° 7	8°57	F 14
S 15	10 17 4	5°55'47	14♍20	16°15	16° 0	13°37	9° 9	20° 6	8°59	15° 2	16°50	3°38	5°16	20°14	8°57	S 15
S 16	10 21 1	6°55'55	29°33	17°48	15°26	14°20	9°24	20° 1	9° 2	15° 0	16°51	3°31	5°13	20°20	8°58	S 16
M17	10 24 57	7°56'01	14♎34	19°22	14°51	15° 4	9°38	19°57	9° 5	14°59	16°53	3°27	5°10	20°27	8°59	M17
T 18	10 28 54	8°56'05	29°14	20°57	14°15	15°48	9°53	19°52	9° 8	14°57	16°54	3°D26	5° 7	20°34	9° 0	T 18
W19	10 32 51	9°56'08	13♏30	22°33	13°38	16°31	10° 7	19°48	9°11	14°55	16°55	3°26	5° 3	20°40	9° 1	W19
T 20	10 36 47	10°56'09	27°19	24°10	13° 0	17°15	10°22	19°44	9°14	14°54	16°56	3°27	5° 0	20°47	9° 3	T 20
F 21	10 40 44	11°56'09	10♐43	25°48	12°23	17°59	10°36	19°39	9°17	14°53	16°57	3°R28	4°57	20°54	9° 4	F 21
S 22	10 44 40	12°56'07	23°45	27°27	11°45	18°42	10°51	19°35	9°20	14°51	16°58	3°27	4°54	21° 0	9° 5	S 22
S 23	10 48 37	13°56'04	6♑28	29° 8	11° 7	19°26	11° 5	19°31	9°24	14°50	17° 0	3°25	4°51	21° 7	9° 7	S 23
M24	10 52 33	14°55'58	18°56	0♓49	10°30	20°10	11°20	19°27	9°27	14°48	17° 1	3°20	4°48	21°14	9° 8	M24
T 25	10 56 30	15°55'51	1♒11	2°32	9°54	20°54	11°34	19°22	9°30	14°47	17° 2	3°13	4°44	21°20	9°10	T 25
W26	11 0 26	16°55'43	13°17	4°16	9°19	21°38	11°49	19°18	9°33	14°45	17° 3	3° 5	4°41	21°27	9°12	W26
T 27	11 4 23	17°55'32	25°17	6° 1	8°45	22°21	12° 3	19°14	9°36	14°44	17° 5	2°56	4°38	21°34	9°13	T 27
F 28	11 8 20	18♓55'19	7♓11	7♓47	8♓12	23♑ 5	12♓18	19♌11	9♈40	14♌43	17♈ 6	2♉47	4♉35	21♓40	9♊15	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s16	11s32	4s 6	21s14	0s23	1n49	6n 9	23s52	0s26	10s20	0s59	15n50	1n27	2n42	0s39	16n31	0n16	9s 7	16s57	13n 9	13n33	7s59	16n39	5s14
S 2	13 56	6 17	3 24	21 7	0 31	2 0	6 22	23 52	0 26	10 14	0 59	15 52	1 27	2 43	0 39	16 31	0 16	9 6	16 57	13 5	13 32	7 55	16 40	5 14
M 3	13 36	0 49	2 34	21 0	0 39	2 9	6 34	23 51	0 27	10 9	0 59	15 54	1 27	2 45	0 39	16 32	0 16	9 6	16 56	13 3	13 31	7 52	16 40	5 14
T 4	13 16	4n41	1 38	20 51	0 47	2 17	6 46	23 50	0 28	10 4	0 59	15 55	1 27	2 46	0 39	16 32	0 16	9 5	16 56	13 1	13 30	7 49	16 40	5 13
W 5	12 55	10 4	0 36	20 40	0 54	2 23	6 57	23 49	0 29	9 58	0 59	15 57	1 27	2 47	0 39	16 33	0 16	9 4	16 56	13 1	13 29	7 46	16 40	5 13
T 6	12 35	15 9	0n28	20 29	1 2	2 29	7 9	23 48	0 30	9 53	0 59	15 58	1 28	2 48	0 39	16 33	0 16	9 4	16 56	13 1	13 28	7 43	16 41	5 13
F 7	12 14	19 44	1 31	20 16	1 9	2 33	7 20	23 46	0 31	9 48	0 59	16 0	1 28	2 49	0 39	16 34	0 16	9 3	16 55	13 1	13 27	7 39	16 41	5 12
S 8	11 53	23 34	2 33	20 2	1 15	2 36	7 31	23 45	0 31	9 42	0 59	16 2	1 28	2 50	0 39	16 34	0 16	9 3	16 55	13 1	13 26	7 36	16 41	5 12
S 9	11 32	26 20	3 28	19 47	1 21	2 37	7 41	23 42	0 32	9 37	0 59	16 3	1 28	2 51	0 39	16 35	0 16	9 2	16 55	13 0	13 25	7 33	16 42	5 12
M10	11 11	27 43	4 14	19 30	1 27	2 37	7 51	23 40	0 33	9 31	0 59	16 5	1 28	2 52	0 39	16 35	0 16	9 1	16 54	12 59	13 24	7 30	16 42	5 12
T 11	10 49	27 26	4 47	19 12	1 33	2 36	8 0	23 38	0 34	9 26	0 59	16 6	1 28	2 54	0 39	16 36	0 16	9 1	16 54	12 57	13 23	7 27	16 43	5 11
W12	10 27	25 20	5 3	18 53	1 38	2 33	8 8	23 35	0 35	9 21	0 59	16 8	1 28	2 55	0 39	16 36	0 16	9 0	16 54	12 54	13 22	7 23	16 43	5 11
T 13	10 6	21 28	5 0	18 32	1 43	2 29	8 16	23 32	0 36	9 15	0 59	16 9	1 28	2 56	0 39	16 37	0 16	8 59	16 54	12 51	13 21	7 20	16 43	5 11
F 14	9 44	16 8	4 35	18 10	1 47	2 24	8 23	23 29	0 37	9 10	0 59	16 11	1 28	2 57	0 39	16 37	0 16	8 59	16 53	12 48	13 20	7 17	16 44	5 10
S 15	9 21	9 44	3 51	17 46	1 52	2 17	8 29	23 25	0 38	9 4	0 59	16 13	1 28	2 58	0 39	16 37	0 16	8 58	16 53	12 45	13 19	7 14	16 44	5 10
S 16	8 59	2 47	2 51	17 22	1 55	2 9	8 35	23 21	0 38	8 59	0 59	16 14	1 28	2 59	0 39	16 38	0 16	8 57	16 53	12 43	13 17	7 11	16 45	5 10
M17	8 37	4s14	1 39	16 56	1 59	2 0	8 39	23 18	0 39	8 53	0 59	16 15	1 28	3 1	0 39	16 38	0 16	8 57	16 53	12 42	13 16	7 7	16 45	5 9
T 18	8 14	10 53	0 23	16 28	2 2	1 50	8 43	23 13	0 40	8 48	0 59	16 17	1 28	3 2	0 39	16 39	0 16	8 56	16 53	12 41	13 15	7 4	16 46	5 9
W19	7 52	16 47	0s54	15 59	2 4	1 38	8 45	23 9	0 41	8 43	1 0	16 18	1 28	3 3	0 39	16 39	0 16	8 56	16 52	12 41	13 14	7 1	16 46	5 9
T 20	7 29	21 38	2 5	15 29	2 7	1 25	8 47	23 4	0 42	8 37	1 0	16 20	1 28	3 4	0 39	16 40	0 16	8 55	16 52	12 42	13 13	6 58	16 47	5 8
F 21	7 6	25 11	3 7	14 58	2 9	1 12	8 48	23 0	0 43	8 32	1 0	16 21	1 28	3 6	0 39	16 40	0 16	8 54	16 52	12 42	13 12	6 54	16 47	5 8
S 22	6 43	27 17	3 57	14 25	2 10	0 57	8 47	22 55	0 44	8 26	1 0	16 23	1 28	3 7	0 39	16 41	0 16	8 54	16 52	12 42	13 11	6 51	16 48	5 8
S 23	6 20	27 54	4 34	13 51	2 11	0 42	8 46	22 49	0 45	8 21	1 0	16 24	1 28	3 8	0 39	16 41	0 16	8 53	16 51	12 41	13 10	6 48	16 48	5 8
M24	5 57	27 4	4 58	13 15	2 12	0 26	8 44	22 44	0 46	8 15	1 0	16 25	1 28	3 9	0 39	16 41	0 16	8 52	16 51	12 39	13 9	6 45	16 49	5 7
T 25	5 34	24 56	5 7	12 39	2 12	0 10	8 40	22 38	0 47	8 10	1 0	16 27	1 28	3 11	0 39	16 42	0 16	8 52	16 51	12 37	13 8	6 42	16 49	5 7
W26	5 10	21 42	5 2	12 0	2 11	0s 7	8 36	22 32	0 48	8 4	1 0	16 28	1 28	3 12	0 39	16 42	0 16	8 51	16 51	12 34	13 7	6 38	16 50	5 7
T 27	4 47	17 35	4 45	11 21	2 11	0 24	8 31	22 26	0 48	7 59	1 0	16 29	1 28	3 13	0 39	16 43	0 16	8 51	16 51	12 31	13 6	6 35	16 50	5 6
F 28	4s24	12s50	4s14	10s40	2s 9	0s41	8n25	22s19	0s49	7s53	1s 0	16n30	1n28	3n15	0s39	16n43	0n16	8s50	16s51	12n28	13n 5	6s32	16n51	5s 6

Julian Day Number = 2303662.5, Delta T = 95.61 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'23, Lahiri = 18°12'23 Julian Calendar 1 Feb. 1595 == Greg. Calendar 11 Feb. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

MARCH 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 12 16	19♓55'05	19♓ 1	9♓35	7°R41	23♉49	12♓32	19°R 7	9♈43	14°R41	17♈ 7	2°R39	4♉32	21♓47	9♊17	S 1
S 2	11 16 13	20°54'48	0♈50	11°23	7♓12	24°33	12°47	19♎ 3	9°46	14♎40	17° 8	2♉33	4°29	21°54	9°19	S 2
M 3	11 20 9	21°54'29	12°40	13°13	6°45	25°17	13° 1	18°59	9°50	14°39	17°10	2°29	4°25	22° 1	9°21	M 3
T 4	11 24 6	22°54'09	24°31	15° 4	6°20	26° 1	13°16	18°56	9°53	14°38	17°11	2°27	4°22	22° 7	9°23	T 4
W 5	11 28 2	23°53'46	6♉28	16°57	5°57	26°45	13°30	18°52	9°56	14°36	17°12	2°D27	4°19	22°14	9°25	W 5
T 6	11 31 59	24°53'20	18°33	18°50	5°36	27°29	13°44	18°49	10° 0	14°35	17°14	2°28	4°16	22°21	9°28	T 6
F 7	11 35 55	25°52'53	0♊50	20°45	5°17	28°13	13°59	18°45	10° 3	14°34	17°15	2°29	4°13	22°27	9°30	F 7
S 8	11 39 52	26°52'24	13°23	22°41	5° 1	28°57	14°13	18°42	10° 6	14°33	17°16	2°31	4° 9	22°34	9°32	S 8
S 9	11 43 48	27°51'52	26°17	24°38	4°47	29°41	14°27	18°39	10°10	14°32	17°18	2°R32	4° 6	22°41	9°35	S 9
M10	11 47 45	28°51'18	9♋35	26°37	4°36	0♒25	14°42	18°36	10°13	14°31	17°19	2°31	4° 3	22°47	9°37	M10
T 11	11 51 42	29°50'41	23°20	28°36	4°27	1° 9	14°56	18°32	10°16	14°29	17°20	2°29	4° 0	22°54	9°40	T 11
W12	11 55 38	0♈50'02	7♌33	0♈36	4°21	1°53	15°10	18°30	10°20	14°28	17°22	2°26	3°57	23° 1	9°43	W12
T 13	11 59 35	1°49'21	22°12	2°38	4°17	2°37	15°25	18°27	10°23	14°27	17°23	2°22	3°54	23° 7	9°45	T 13
F 14	12 3 31	2°48'37	7♍11	4°40	4°D15	3°21	15°39	18°24	10°27	14°26	17°24	2°17	3°50	23°14	9°48	F 14
S 15	12 7 28	3°47'51	22°23	6°42	4°16	4° 5	15°53	18°21	10°30	14°25	17°26	2°13	3°47	23°21	9°51	S 15
S 16	12 11 24	4°47'03	7♎38	8°46	4°19	4°50	16° 7	18°19	10°33	14°24	17°27	2°11	3°44	23°27	9°54	S 16
M17	12 15 21	5°46'13	22°46	10°49	4°25	5°34	16°21	18°16	10°37	14°23	17°29	2° 9	3°41	23°34	9°57	M17
T 18	12 19 17	6°45'21	7♏37	12°53	4°33	6°18	16°35	18°14	10°40	14°23	17°30	2°D 9	3°38	23°41	10° 0	T 18
W19	12 23 14	7°44'27	22° 6	14°56	4°43	7° 2	16°49	18°11	10°44	14°22	17°31	2°10	3°35	23°47	10° 3	W19
T 20	12 27 11	8°43'32	6♐ 8	16°59	4°55	7°46	17° 3	18° 9	10°47	14°21	17°33	2°11	3°31	23°54	10° 6	T 20
F 21	12 31 7	9°42'34	19°43	19° 1	5° 9	8°30	17°17	18° 7	10°51	14°20	17°34	2°13	3°28	24° 1	10° 9	F 21
S 22	12 35 4	10°41'35	2♑52	21° 2	5°26	9°15	17°31	18° 5	10°54	14°19	17°35	2°14	3°25	24° 7	10°13	S 22
S 23	12 39 0	11°40'34	15°38	23° 2	5°44	9°59	17°45	18° 3	10°58	14°18	17°37	2°R14	3°22	24°14	10°16	S 23
M24	12 42 57	12°39'32	28° 5	25° 0	6° 4	10°43	17°59	18° 1	11° 1	14°18	17°38	2°13	3°19	24°21	10°20	M24
T 25	12 46 53	13°38'27	10♒17	26°55	6°26	11°27	18°13	17°59	11° 4	14°17	17°40	2°11	3°15	24°27	10°23	T 25
W26	12 50 50	14°37'21	22°18	28°49	6°50	12°11	18°27	17°58	11° 8	14°16	17°41	2° 9	3°12	24°34	10°27	W26
T 27	12 54 46	15°36'13	4♓11	0♉39	7°15	12°56	18°40	17°56	11°11	14°16	17°43	2° 6	3° 9	24°41	10°30	T 27
F 28	12 58 43	16°35'02	16° 1	2°26	7°42	13°40	18°54	17°55	11°15	14°15	17°44	2° 4	3° 6	24°47	10°34	F 28
S 29	13 2 40	17°33'51	27°50	4° 9	8°11	14°24	19° 8	17°54	11°18	14°15	17°45	2° 2	3° 3	24°54	10°38	S 29
S 30	13 6 36	18°32'37	9♈39	5°49	8°41	15° 8	19°21	17°52	11°22	14°14	17°47	2° 0	3° 0	25° 1	10°41	S 30
M31	13 10 33	19♈31'21	21♈33	7♉24	9♓13	15♒53	19♓35	17♎51	11♈25	14♎13	17♈48	1♉59	2♉56	25♓ 7	10♊45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s 0	7s37	3s33	9s58	2s 8	0s59	8n19	22s13	0s50	7s48	1s 0	16n32	1n28	3n16	0s39	16n44	0n16	8s49	16s50	12n25	13n 4	6s29	16n51	5s 6
S 2	3 37	2 9	2 43	9 15	2 5	1 16	8 11	22 6	0 51	7 42	1 0	16 33	1 28	3 17	0 39	16 44	0 16	8 49	16 50	12 23	13 3	6 25	16 52	5 5
M 3	3 13	3n24	1 45	8 30	2 3	1 34	8 3	21 59	0 52	7 37	1 0	16 34	1 28	3 18	0 39	16 44	0 16	8 48	16 50	12 22	13 1	6 22	16 52	5 5
T 4	2 49	8 51	0 43	7 44	1 59	1 51	7 55	21 52	0 53	7 31	1 0	16 35	1 28	3 20	0 39	16 45	0 16	8 47	16 50	12 21	13 0	6 19	16 53	5 5
W 5	2 26	14 3	0n22	6 57	1 56	2 8	7 45	21 44	0 54	7 26	1 0	16 36	1 28	3 21	0 39	16 45	0 16	8 47	16 50	12 21	12 59	6 16	16 54	5 5
T 6	2 2	18 46	1 27	6 8	1 52	2 25	7 36	21 37	0 55	7 20	1 0	16 37	1 28	3 22	0 39	16 45	0 16	8 46	16 50	12 21	12 58	6 12	16 54	5 4
F 7	1 38	22 48	2 29	5 19	1 47	2 41	7 25	21 29	0 56	7 15	1 0	16 38	1 28	3 24	0 39	16 46	0 16	8 46	16 49	12 22	12 57	6 9	16 55	5 4
S 8	1 15	25 51	3 25	4 28	1 41	2 57	7 15	21 21	0 57	7 9	1 1	16 39	1 28	3 25	0 39	16 46	0 16	8 45	16 49	12 22	12 56	6 6	16 56	5 4
S 9	0 51	27 39	4 12	3 36	1 36	3 12	7 4	21 12	0 58	7 4	1 1	16 40	1 28	3 26	0 39	16 46	0 16	8 44	16 49	12 23	12 55	6 3	16 56	5 3
M10	0 27	27 56	4 48	2 43	1 29	3 27	6 52	21 4	0 59	6 58	1 1	16 41	1 28	3 28	0 39	16 47	0 16	8 44	16 49	12 22	12 54	5 59	16 57	5 3
T 11	0 4	26 32	5 9	1 49	1 22	3 41	6 41	20 55	1 0	6 53	1 1	16 42	1 28	3 29	0 39	16 47	0 16	8 43	16 49	12 22	12 53	5 56	16 57	5 3
W12	0n20	23 26	5 11	0 54	1 15	3 54	6 29	20 46	1 1	6 47	1 1	16 43	1 28	3 30	0 39	16 47	0 16	8 43	16 49	12 21	12 52	5 53	16 58	5 3
T 13	0 44	18 47	4 54	0n 1	1 7	4 7	6 17	20 37	1 1	6 42	1 1	16 44	1 28	3 32	0 39	16 48	0 16	8 42	16 49	12 19	12 51	5 50	16 59	5 2
F 14	1 7	12 52	4 17	0 58	0 59	4 18	6 5	20 28	1 2	6 37	1 1	16 45	1 28	3 33	0 39	16 48	0 16	8 41	16 49	12 18	12 50	5 46	16 59	5 2
S 15	1 31	6 6	3 21	1 55	0 50	4 30	5 52	20 18	1 3	6 31	1 1	16 46	1 28	3 35	0 39	16 48	0 16	8 41	16 49	12 16	12 49	5 43	17 0	5 2
S 16	1 54	1s 2	2 11	2 52	0 40	4 40	5 40	20 9	1 4	6 26	1 1	16 46	1 28	3 36	0 39	16 49	0 16	8 40	16 48	12 15	12 47	5 40	17 1	5 2
M17	2 18	8 5	0 51	3 50	0 30	4 49	5 28	19 59	1 5	6 20	1 1	16 47	1 28	3 37	0 39	16 49	0 16	8 40	16 48	12 15	12 46	5 36	17 1	5 1
T 18	2 41	14 34	0s30	4 47	0 20	4 58	5 16	19 49	1 6	6 15	1 1	16 48	1 28	3 39	0 39	16 49	0 16	8 39	16 48	12 15	12 45	5 33	17 2	5 1
W19	3 5	20 4	1 48	5 45	0 10	5 6	5 3	19 38	1 7	6 9	1 1	16 48	1 28	3 40	0 39	16 49	0 16	8 38	16 48	12 15	12 44	5 30	17 3	5 1
T 20	3 28	24 16	2 56	6 43	0n 1	5 13	4 51	19 28	1 8	6 4	1 2	16 49	1 28	3 41	0 39	16 50	0 16	8 38	16 48	12 16	12 43	5 27	17 4	5 1
F 21	3 51	26 58	3 53	7 40	0 13	5 19	4 39	19 17	1 9	5 59	1 2	16 50	1 28	3 43	0 39	16 50	0 16	8 37	16 48	12 16	12 42	5 23	17 4	5 0
S 22	4 15	28 3	4 35	8 36	0 24	5 24	4 27	19 7	1 10	5 53	1 2	16 50	1 28	3 44	0 39	16 50	0 16	8 37	16 48	12 16	12 41	5 20	17 5	5 0
S 23	4 38	27 35	5 2	9 31	0 35	5 29	4 15	18 56	1 11	5 48	1 2	16 51	1 28	3 45	0 39	16 50	0 16	8 36	16 48	12 17	12 40	5 17	17 6	5 0
M24	5 1	25 43	5 14	10 25	0 47	5 32	4 3	18 44	1 12	5 43	1 2	16 51	1 28	3 47	0 39	16 51	0 16	8 36	16 48	12 16	12 39	5 13	17 6	5 0
T 25	5 24	22 43	5 12	11 18	0 58	5 35	3 52	18 33	1 13	5 37	1 2	16 52	1 28	3 48	0 39	16 51	0 16	8 35	16 48	12 16	12 38	5 10	17 7	4 59
W26	5 47	18 46	4 56	12 9	1 9	5 37	3 40	18 22	1 14	5 32	1 2	16 52	1 28	3 49	0 39	16 51	0 17	8 34	16 48	12 15	12 37	5 7	17 8	4 59
T 27	6 9	14 9	4 28	12 59	1 21	5 38	3 29	18 10	1 15	5 27	1 2	16 53	1 28	3 51	0 39	16 51	0 17	8 34	16 48	12 14	12 36	5 4	17 8	4 59
F 28	6 32	9 1	3 48	13 46	1 31	5 38	3 18	17 58	1 16	5 22	1 2	16 53	1 28	3 52	0 39	16 51	0 17	8 33	16 48	12 13	12 34	5 0	17 9	4 59
S 29	6 55	3 35	2 58	14 32	1 42	5 38	3 7	17 46	1 17	5 16	1 3	16 53	1 27	3 53	0 39	16 51	0 17	8 33	16 48	12 12	12 33	4 57	17 10	4 59
S 30	7 17	1n59	2 0	15 15	1 52	5 37	2 56	17 34	1 18	5 11	1 3	16 54	1 27	3 55	0 38	16 52	0 17	8 32	16 48	12 12	12 32	4 54	17 11	4 58
M31	7n39	7n32	0s57	15n55	2n 1	5s35	2n45	17s22	1s19	5s 6	1s 3	16n54	1n27	3n56	0s38	16n52	0n17	8s32	16s48	12n11	12n31	4s50	17n11	4s58

Julian Day Number = 2303690.5, Delta T = 95.50 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'26, Lahiri = 18°12'27 Julian Calendar 1 March 1595 == Greg. Calendar 11 March 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

APRIL 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 29	20♈30'03	3♉32	8♉56	9♓46	16♒37	19♓48	17°R50	11♈28	14°R13	17♈50	1°D59	2♉53	25♓14	10♊49	T 1
W 2	13 18 26	21°28'43	15°38	10°22	10°20	17°21	20° 2	17♌49	11°32	14♌13	17°51	1♉59	2°50	25°21	10°53	W 2
T 3	13 22 22	22°27'21	27°54	11°44	10°56	18° 5	20°15	17°49	11°35	14°12	17°52	2° 0	2°47	25°28	10°57	T 3
F 4	13 26 19	23°25'58	10♊22	13° 1	11°33	18°50	20°28	17°48	11°39	14°12	17°54	2° 1	2°44	25°34	11° 1	F 4
S 5	13 30 15	24°24'32	23° 5	14°13	12°11	19°34	20°42	17°47	11°42	14°11	17°55	2° 2	2°40	25°41	11° 5	S 5
S 6	13 34 12	25°23'04	6♋ 4	15°20	12°50	20°18	20°55	17°47	11°45	14°11	17°57	2° 2	2°37	25°48	11° 9	S 6
M 7	13 38 9	26°21'33	19°22	16°22	13°30	21° 2	21° 8	17°47	11°49	14°11	17°58	2° 2	2°34	25°54	11°13	M 7
T 8	13 42 5	27°20'01	3♌ 1	17°19	14°12	21°47	21°21	17°46	11°52	14°10	17°59	2°R 2	2°31	26° 1	11°17	T 8
W 9	13 46 2	28°18'26	17° 2	18°10	14°54	22°31	21°34	17°46	11°55	14°10	18° 1	2° 2	2°28	26° 8	11°22	W 9
T 10	13 49 58	29°16'49	1♍24	18°55	15°37	23°15	21°47	17°D46	11°59	14°10	18° 2	2° 2	2°25	26°14	11°26	T 10
F 11	13 53 55	0♉15'10	16° 4	19°35	16°22	23°59	22° 0	17°46	12° 2	14°10	18° 4	2° 2	2°21	26°21	11°30	F 11
S 12	13 57 51	1°13'29	0♎57	20°10	17° 7	24°43	22°13	17°46	12° 5	14°10	18° 5	2° 2	2°18	26°28	11°35	S 12
S 13	14 1 48	2°11'45	15°56	20°38	17°53	25°27	22°26	17°47	12° 9	14°10	18° 6	2°D 2	2°15	26°34	11°39	S 13
M14	14 5 44	3°10'00	0♏53	21° 2	18°40	26°12	22°38	17°47	12°12	14°10	18° 8	2°R 2	2°12	26°41	11°44	M14
T 15	14 9 41	4° 8'13	15°40	21°19	19°27	26°56	22°51	17°48	12°15	14°D10	18° 9	2° 2	2° 9	26°48	11°48	T 15
W16	14 13 38	5° 6'25	0♐10	21°31	20°16	27°40	23° 4	17°48	12°18	14°10	18°10	2° 1	2° 6	26°54	11°53	W16
T 17	14 17 34	6° 4'35	14°17	21°38	21° 5	28°24	23°16	17°49	12°22	14°10	18°12	2° 1	2° 2	27° 1	11°57	T 17
F 18	14 21 31	7° 2'43	27°59	21°R39	21°55	29° 8	23°29	17°50	12°25	14°10	18°13	2° 1	1°59	27° 8	12° 2	F 18
S 19	14 25 27	8° 0'50	11♑15	21°35	22°46	29°52	23°41	17°51	12°28	14°10	18°15	2° 0	1°56	27°14	12° 7	S 19
S 20	14 29 24	8°58'55	24° 7	21°26	23°37	0♓37	23°53	17°52	12°31	14°10	18°16	1°59	1°53	27°21	12°11	S 20
M21	14 33 20	9°56'59	6♒38	21°13	24°29	1°21	24° 5	17°53	12°34	14°10	18°17	1°D59	1°50	27°28	12°16	M21
T 22	14 37 17	10°55'02	18°51	20°55	25°21	2° 5	24°18	17°54	12°37	14°10	18°19	1°59	1°46	27°34	12°21	T 22
W23	14 41 13	11°53'03	0♓52	20°33	26°15	2°49	24°30	17°56	12°40	14°11	18°20	2° 0	1°43	27°41	12°26	W23
T 24	14 45 10	12°51'03	12°44	20° 7	27° 8	3°33	24°42	17°57	12°44	14°11	18°21	2° 1	1°40	27°48	12°30	T 24
F 25	14 49 7	13°49'01	24°33	19°38	28° 3	4°17	24°54	17°59	12°47	14°11	18°22	2° 2	1°37	27°54	12°35	F 25
S 26	14 53 3	14°46'58	6♈22	19° 7	28°57	5° 1	25° 5	18° 0	12°50	14°11	18°24	2° 3	1°34	28° 1	12°40	S 26
S 27	14 57 0	15°44'54	18°15	18°34	29°53	5°45	25°17	18° 2	12°53	14°12	18°25	2° 4	1°31	28° 8	12°45	S 27
M28	15 0 56	16°42'48	0♉15	17°59	0♈48	6°29	25°29	18° 4	12°56	14°12	18°26	2°R 4	1°27	28°14	12°50	M28
T 29	15 4 53	17°40'40	12°24	17°23	1°45	7°13	25°40	18° 6	12°59	14°13	18°28	2° 4	1°24	28°21	12°55	T 29
W30	15 8 49	18♉38'32	24♉45	16♉48	2♈41	7♓57	25♓52	18♌ 8	13♈ 2	14♌13	18♈29	2♉ 3	1♉21	28♓28	13♊ 0	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 2	12n51	0n 9	16n33	2n10	5s32	2n35	17s 9	1s20	5s 1	1s 3	16n54	1n27	3n57	0s38	16n52	0n17	8s31	16s48	12n11	12n30	4s47	17n12	4s58
W 2	8 24	17 45	1 15	17 9	2 18	5 29	2 24	16 57	1 21	4 55	1 3	16 54	1 27	3 59	0 38	16 52	0 17	8 31	16 48	12 11	12 29	4 44	17 13	4 58
T 3	8 46	22 0	2 19	17 41	2 25	5 25	2 14	16 44	1 22	4 50	1 3	16 55	1 27	4 0	0 38	16 52	0 17	8 30	16 48	12 12	12 28	4 41	17 14	4 58
F 4	9 7	25 18	3 17	18 11	2 32	5 20	2 4	16 31	1 23	4 45	1 3	16 55	1 27	4 1	0 39	16 52	0 17	8 30	16 48	12 12	12 27	4 37	17 14	4 57
S 5	9 29	27 26	4 7	18 39	2 37	5 14	1 55	16 18	1 23	4 40	1 3	16 55	1 27	4 3	0 39	16 52	0 17	8 29	16 48	12 12	12 26	4 34	17 15	4 57
S 6	9 50	28 6	4 45	19 3	2 42	5 8	1 45	16 5	1 24	4 35	1 4	16 55	1 27	4 4	0 39	16 53	0 17	8 29	16 48	12 12	12 25	4 31	17 16	4 57
M 7	10 12	27 12	5 10	19 25	2 46	5 2	1 36	15 52	1 25	4 30	1 4	16 55	1 27	4 5	0 39	16 53	0 17	8 28	16 48	12 13	12 24	4 27	17 16	4 57
T 8	10 33	24 40	5 17	19 44	2 49	4 54	1 27	15 38	1 26	4 25	1 4	16 55	1 27	4 7	0 39	16 53	0 17	8 28	16 48	12 13	12 22	4 24	17 17	4 57
W 9	10 54	20 38	5 7	20 0	2 50	4 46	1 18	15 25	1 27	4 20	1 4	16 55	1 27	4 8	0 39	16 53	0 17	8 27	16 48	12 13	12 21	4 21	17 18	4 56
T 10	11 15	15 18	4 37	20 14	2 51	4 37	1 9	15 11	1 28	4 15	1 4	16 55	1 27	4 9	0 39	16 53	0 17	8 27	16 48	12 12	12 20	4 17	17 19	4 56
F 11	11 35	9 1	3 49	20 24	2 51	4 28	1 0	14 57	1 29	4 10	1 4	16 55	1 27	4 11	0 39	16 53	0 17	8 26	16 48	12 12	12 19	4 14	17 19	4 56
S 12	11 56	2 8	2 44	20 32	2 49	4 18	0 52	14 44	1 30	4 5	1 4	16 55	1 27	4 12	0 39	16 53	0 17	8 26	16 48	12 12	12 18	4 11	17 20	4 56
S 13	12 16	4s56	1 28	20 37	2 46	4 8	0 44	14 30	1 31	4 0	1 5	16 55	1 26	4 13	0 39	16 53	0 17	8 26	16 48	12 12	12 17	4 7	17 21	4 56
M14	12 36	11 43	0 6	20 40	2 42	3 57	0 36	14 15	1 32	3 55	1 5	16 54	1 26	4 14	0 39	16 53	0 17	8 25	16 48	12 12	12 16	4 4	17 22	4 56
T 15	12 56	17 46	1s15	20 39	2 37	3 45	0 28	14 1	1 33	3 50	1 5	16 54	1 26	4 16	0 39	16 53	0 17	8 25	16 48	12 12	12 15	4 1	17 22	4 56
W16	13 15	22 40	2 30	20 36	2 30	3 33	0 21	13 47	1 34	3 45	1 5	16 54	1 26	4 17	0 39	16 53	0 17	8 24	16 49	12 12	12 14	3 57	17 23	4 55
T 17	13 35	26 6	3 34	20 31	2 23	3 20	0 13	13 32	1 35	3 40	1 5	16 54	1 26	4 18	0 39	16 53	0 17	8 24	16 49	12 12	12 13	3 54	17 24	4 55
F 18	13 54	27 52	4 23	20 22	2 14	3 7	0 6	13 18	1 36	3 36	1 5	16 53	1 26	4 19	0 39	16 53	0 17	8 24	16 49	12 12	12 11	3 51	17 24	4 55
S 19	14 13	27 57	4 57	20 11	2 4	2 54	0s 1	13 3	1 37	3 31	1 5	16 53	1 26	4 21	0 39	16 53	0 17	8 23	16 49	12 12	12 10	3 48	17 25	4 55
S 20	14 31	26 29	5 14	19 58	1 52	2 40	0 8	12 48	1 38	3 26	1 6	16 53	1 26	4 22	0 39	16 53	0 17	8 23	16 49	12 12	12 9	3 44	17 26	4 55
M21	14 50	23 45	5 16	19 43	1 40	2 25	0 15	12 33	1 38	3 22	1 6	16 52	1 26	4 23	0 39	16 53	0 17	8 22	16 49	12 11	12 8	3 41	17 27	4 55
T 22	15 8	20 1	5 4	19 25	1 27	2 10	0 21	12 18	1 39	3 17	1 6	16 52	1 26	4 24	0 39	16 53	0 17	8 22	16 49	12 11	12 7	3 38	17 27	4 55
W23	15 26	15 31	4 38	19 5	1 12	1 55	0 27	12 3	1 40	3 12	1 6	16 51	1 26	4 26	0 39	16 53	0 17	8 22	16 49	12 12	12 6	3 34	17 28	4 55
T 24	15 44	10 30	4 1	18 44	0 57	1 39	0 33	11 48	1 41	3 8	1 6	16 51	1 26	4 27	0 39	16 53	0 17	8 21	16 49	12 12	12 5	3 31	17 29	4 55
F 25	16 1	5 7	3 13	18 21	0 41	1 23	0 39	11 33	1 42	3 3	1 6	16 50	1 26	4 28	0 39	16 53	0 17	8 21	16 50	12 12	12 4	3 28	17 29	4 54
S 26	16 19	0n26	2 18	17 56	0 25	1 6	0 45	11 17	1 43	2 59	1 7	16 50	1 25	4 29	0 39	16 52	0 17	8 21	16 50	12 13	12 3	3 24	17 30	4 54
S 27	16 35	6 0	1 16	17 30	0 7	0 49	0 51	11 2	1 44	2 54	1 7	16 49	1 25	4 30	0 39	16 52	0 17	8 20	16 50	12 13	12 2	3 21	17 31	4 54
M28	16 52	11 26	0 10	17 4	0s10	0 32	0 56	10 47	1 45	2 50	1 7	16 48	1 25	4 31	0 39	16 52	0 17	8 20	16 50	12 13	12 0	3 18	17 31	4 54
T 29	17 9	16 30	0n57	16 37	0 27	0 14	1 1	10 31	1 46	2 45	1 7	16 48	1 25	4 33	0 39	16 52	0 17	8 20	16 50	12 13	11 59	3 14	17 32	4 54
W30	17n25	20n58	2n 2	16n11	0s45	0n 4	1s 6	10s15	1s47	2s41	1s 7	16n47	1n25	4n34	0s39	16n52	0n17	8s19	16s50	12n13	11n58	3s11	17n33	4s54

Julian Day Number = 2303721.5, Delta T = 95.38 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'31, Lahiri = 18°12'31 Julian Calendar 1 Apr. 1595 == Greg. Calendar 11 Apr. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

MAY 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 12 46	19♉36'22	7♊18	16°R13	3♈39	8♓41	26♓ 3	18♌10	13♈ 5	14♌14	18♈30	2°R 1	1♉18	28♓34	13♊ 5	T 1
F 2	15 16 42	20°34'10	20° 4	15♉39	4°36	9°24	26°14	18°12	13° 7	14°14	18°31	1♉58	1°15	28°41	13°10	F 2
S 3	15 20 39	21°31'57	3♋ 4	15° 6	5°34	10° 8	26°25	18°15	13°10	14°15	18°33	1°56	1°12	28°48	13°15	S 3
S 4	15 24 36	22°29'42	16°19	14°36	6°32	10°52	26°37	18°17	13°13	14°15	18°34	1°53	1° 8	28°54	13°20	S 4
M 5	15 28 32	23°27'26	29°47	14° 8	7°31	11°36	26°47	18°20	13°16	14°16	18°35	1°51	1° 5	29° 1	13°25	M 5
T 6	15 32 29	24°25'08	13♌30	13°44	8°30	12°19	26°58	18°22	13°19	14°17	18°36	1°49	1° 2	29° 8	13°31	T 6
W 7	15 36 25	25°22'48	27°27	13°23	9°30	13° 3	27° 9	18°25	13°22	14°17	18°37	1°D49	0°59	29°14	13°36	W 7
T 8	15 40 22	26°20'27	11♍37	13° 5	10°29	13°47	27°20	18°28	13°24	14°18	18°38	1°50	0°56	29°21	13°41	T 8
F 9	15 44 18	27°18'04	25°58	12°52	11°29	14°30	27°30	18°31	13°27	14°19	18°40	1°51	0°52	29°28	13°46	F 9
S 10	15 48 15	28°15'39	10♎27	12°43	12°30	15°14	27°41	18°34	13°30	14°19	18°41	1°52	0°49	29°34	13°51	S 10
S 11	15 52 11	29°13'13	25° 2	12°38	13°31	15°57	27°51	18°37	13°32	14°20	18°42	1°R53	0°46	29°41	13°57	S 11
M12	15 56 8	0♊10'46	9♏36	12°D37	14°32	16°41	28° 1	18°40	13°35	14°21	18°43	1°53	0°43	29°48	14° 2	M12
T 13	16 0 5	1° 8'18	24° 4	12°42	15°33	17°24	28°12	18°44	13°37	14°22	18°44	1°52	0°40	29°54	14° 7	T 13
W14	16 4 1	2° 5'48	8♐21	12°50	16°34	18° 7	28°22	18°47	13°40	14°23	18°45	1°49	0°37	0♈ 1	14°13	W14
T 15	16 7 58	3° 3'18	22°20	13° 3	17°36	18°51	28°31	18°51	13°43	14°24	18°46	1°45	0°33	0° 8	14°18	T 15
F 16	16 11 54	4° 0'46	6♑ 0	13°21	18°39	19°34	28°41	18°54	13°45	14°25	18°47	1°40	0°30	0°14	14°23	F 16
S 17	16 15 51	4°58'14	19°16	13°43	19°41	20°17	28°51	18°58	13°47	14°26	18°48	1°35	0°27	0°21	14°29	S 17
S 18	16 19 47	5°55'40	2♒10	14° 9	20°44	21° 0	29° 1	19° 2	13°50	14°27	18°49	1°30	0°24	0°28	14°34	S 18
M19	16 23 44	6°53'06	14°43	14°40	21°47	21°44	29°10	19° 6	13°52	14°28	18°50	1°27	0°21	0°34	14°39	M19
T 20	16 27 40	7°50'31	26°59	15°14	22°50	22°27	29°19	19°10	13°55	14°29	18°51	1°25	0°18	0°41	14°45	T 20
W21	16 31 37	8°47'56	9♓ 0	15°53	23°53	23°10	29°28	19°14	13°57	14°30	18°52	1°D24	0°14	0°48	14°50	W21
T 22	16 35 34	9°45'20	20°53	16°36	24°57	23°53	29°38	19°18	13°59	14°31	18°53	1°25	0°11	0°54	14°55	T 22
F 23	16 39 30	10°42'43	2♈43	17°22	26° 1	24°35	29°47	19°22	14° 1	14°32	18°54	1°26	0° 8	1° 1	15° 1	F 23
S 24	16 43 27	11°40'05	14°33	18°13	27° 5	25°18	29°55	19°26	14° 4	14°34	18°55	1°28	0° 5	1° 8	15° 6	S 24
S 25	16 47 23	12°37'27	26°30	19° 7	28° 9	26° 1	0♈ 4	19°31	14° 6	14°35	18°56	1°R29	0° 2	1°14	15°12	S 25
M26	16 51 20	13°34'49	8♉36	20° 4	29°13	26°44	0°13	19°35	14° 8	14°36	18°57	1°28	29♈58	1°21	15°17	M26
T 27	16 55 16	14°32'10	20°56	21° 6	0♉18	27°26	0°21	19°39	14°10	14°37	18°58	1°27	29°55	1°28	15°22	T 27
W28	16 59 13	15°29'30	3♊31	22°10	1°23	28° 9	0°29	19°44	14°12	14°39	18°59	1°23	29°52	1°34	15°28	W28
T 29	17 3 9	16°26'50	16°23	23°19	2°28	28°51	0°37	19°49	14°14	14°40	19° 0	1°17	29°49	1°41	15°33	T 29
F 30	17 7 6	17°24'09	29°32	24°30	3°33	29°34	0°45	19°54	14°16	14°41	19° 1	1°10	29°46	1°48	15°39	F 30
S 31	17 11 3	18♊21'27	12♋56	25♉45	4♉38	0♈16	0♈53	19♌58	14♈18	14♌43	19♈ 1	1♉ 2	29♈43	1♈54	15♊44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n40	24n35	3n 2	15n44	1s 2	0n22	1s11	10s 0	1s47	2s36	1s 8	16n46	1n25	4n35	0s39	16n52	0n17	8s19	16s51	12n12	11n57	3s 8	17n34	4s54
F 2	17 56	27 1	3 55	15 18	1 19	0 40	1 16	9 44	1 48	2 32	1 8	16 45	1 25	4 36	0 39	16 52	0 17	8 19	16 51	12 11	11 56	3 4	17 34	4 54
S 3	18 11	28 3	4 36	14 53	1 35	0 59	1 20	9 28	1 49	2 28	1 8	16 45	1 25	4 37	0 39	16 51	0 17	8 18	16 51	12 10	11 55	3 1	17 35	4 54
S 4	18 26	27 31	5 3	14 29	1 51	1 18	1 25	9 12	1 50	2 24	1 8	16 44	1 25	4 38	0 39	16 51	0 17	8 18	16 51	12 9	11 54	2 57	17 36	4 54
M 5	18 41	25 22	5 15	14 7	2 6	1 38	1 29	8 56	1 51	2 19	1 8	16 43	1 25	4 39	0 39	16 51	0 17	8 18	16 51	12 9	11 53	2 54	17 36	4 54
T 6	18 55	21 43	5 8	13 46	2 20	1 57	1 33	8 40	1 52	2 15	1 9	16 42	1 25	4 40	0 39	16 51	0 17	8 18	16 51	12 8	11 52	2 51	17 37	4 54
W 7	19 9	16 49	4 44	13 27	2 34	2 17	1 37	8 24	1 53	2 11	1 9	16 41	1 25	4 41	0 39	16 51	0 17	8 17	16 52	12 8	11 50	2 47	17 37	4 54
T 8	19 23	10 57	4 2	13 10	2 46	2 37	1 41	8 8	1 53	2 7	1 9	16 40	1 25	4 42	0 39	16 51	0 17	8 17	16 52	12 8	11 49	2 44	17 38	4 54
F 9	19 36	4 26	3 5	12 55	2 57	2 57	1 44	7 52	1 54	2 3	1 9	16 39	1 25	4 43	0 39	16 50	0 17	8 17	16 52	12 9	11 48	2 41	17 39	4 54
S 10	19 49	2s23	1 55	12 43	3 7	3 18	1 48	7 36	1 55	1 59	1 9	16 38	1 24	4 44	0 39	16 50	0 17	8 17	16 52	12 9	11 47	2 37	17 39	4 54
S 11	20 2	9 8	0 38	12 33	3 16	3 38	1 51	7 20	1 56	1 55	1 10	16 37	1 24	4 45	0 39	16 50	0 17	8 16	16 52	12 9	11 46	2 34	17 40	4 54
M12	20 14	15 23	0s42	12 25	3 24	3 59	1 54	7 4	1 57	1 51	1 10	16 36	1 24	4 46	0 39	16 50	0 17	8 16	16 53	12 9	11 45	2 31	17 41	4 54
T 13	20 26	20 45	1 59	12 20	3 31	4 20	1 57	6 48	1 58	1 47	1 10	16 35	1 24	4 47	0 39	16 49	0 17	8 16	16 53	12 9	11 44	2 27	17 41	4 54
W14	20 38	24 49	3 6	12 17	3 37	4 41	2 0	6 31	1 58	1 44	1 10	16 34	1 24	4 48	0 39	16 49	0 17	8 16	16 53	12 8	11 43	2 24	17 42	4 54
T 15	20 49	27 17	4 2	12 17	3 41	5 2	2 3	6 15	1 59	1 40	1 10	16 33	1 24	4 49	0 39	16 49	0 17	8 16	16 53	12 6	11 42	2 21	17 42	4 54
F 16	21 0	28 3	4 41	12 18	3 45	5 23	2 5	5 59	2 0	1 36	1 11	16 31	1 24	4 50	0 39	16 49	0 17	8 16	16 54	12 5	11 40	2 17	17 43	4 54
S 17	21 10	27 8	5 5	12 23	3 47	5 45	2 8	5 42	2 1	1 33	1 11	16 30	1 24	4 51	0 39	16 48	0 17	8 15	16 54	12 3	11 39	2 14	17 43	4 54
S 18	21 21	24 47	5 12	12 29	3 49	6 6	2 10	5 26	2 2	1 29	1 11	16 29	1 24	4 52	0 39	16 48	0 17	8 15	16 54	12 1	11 38	2 11	17 44	4 54
M19	21 31	21 17	5 4	12 37	3 49	6 28	2 12	5 10	2 2	1 25	1 11	16 28	1 24	4 53	0 39	16 48	0 17	8 15	16 54	12 0	11 37	2 7	17 45	4 54
T 20	21 40	16 57	4 42	12 48	3 49	6 49	2 14	4 53	2 3	1 22	1 12	16 26	1 24	4 54	0 39	16 47	0 17	8 15	16 55	11 59	11 36	2 4	17 45	4 54
W21	21 49	12 2	4 7	13 0	3 47	7 11	2 16	4 37	2 4	1 18	1 12	16 25	1 24	4 55	0 39	16 47	0 17	8 15	16 55	11 59	11 35	2 0	17 46	4 54
T 22	21 58	6 44	3 23	13 14	3 45	7 33	2 18	4 21	2 5	1 15	1 12	16 24	1 24	4 56	0 39	16 47	0 17	8 15	16 55	11 59	11 34	1 57	17 46	4 54
F 23	22 6	1 13	2 30	13 30	3 42	7 54	2 19	4 4	2 5	1 12	1 12	16 22	1 24	4 57	0 39	16 46	0 17	8 15	16 55	12 0	11 33	1 54	17 47	4 54
S 24	22 14	4n21	1 31	13 47	3 39	8 16	2 21	3 48	2 6	1 8	1 13	16 21	1 24	4 57	0 39	16 46	0 17	8 15	16 56	12 0	11 32	1 50	17 47	4 54
S 25	22 22	9 49	0 27	14 6	3 34	8 38	2 22	3 32	2 7	1 5	1 13	16 19	1 24	4 58	0 39	16 46	0 17	8 14	16 56	12 1	11 30	1 47	17 48	4 54
M26	22 29	15 1	0n39	14 27	3 29	8 59	2 23	3 15	2 8	1 2	1 13	16 18	1 23	4 59	0 39	16 45	0 17	8 14	16 56	12 1	11 29	1 44	17 48	4 54
T 27	22 36	19 42	1 44	14 48	3 23	9 21	2 24	2 59	2 8	0 59	1 13	16 16	1 23	5 0	0 39	16 45	0 17	8 14	16 56	12 0	11 28	1 40	17 49	4 54
W28	22 42	23 36	2 45	15 11	3 16	9 43	2 25	2 43	2 9	0 56	1 13	16 15	1 23	5 1	0 39	16 45	0 17	8 14	16 57	11 59	11 27	1 37	17 49	4 54
T 29	22 48	26 25	3 39	15 35	3 9	10 4	2 26	2 26	2 10	0 53	1 14	16 13	1 23	5 1	0 39	16 44	0 17	8 14	16 57	11 57	11 26	1 34	17 50	4 54
F 30	22 54	27 52	4 22	16 0	3 1	10 26	2 27	2 10	2 10	0 50	1 14	16 12	1 23	5 2	0 39	16 44	0 17	8 14	16 57	11 54	11 25	1 30	17 50	4 55
S 31	22n59	27n43	4n52	16n26	2s53	10n47	2s27	1s54	2s11	0s47	1s14	16n10	1n23	5n 3	0s39	16n43	0n17	8s14	16s58	11n52	11n24	1s27	17n51	4s55

Julian Day Number = 2303751.5, Delta T = 95.26 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'35, Lahiri = 18°12'35 Julian Calendar 1 May 1595 == Greg. Calendar 11 May 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

JUNE 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 14 59	19♊18'45	26♋33	27♉ 3	5♉44	0♈58	1♈ 1	20♌ 3	14♈20	14♌44	19♈ 2	0°R55	29♈39	2♈ 1	15♊49	S 1
M 2	17 18 56	20°16'02	10♌22	28°24	6°50	1°41	1° 9	20° 8	14°22	14°45	19° 3	0♉48	29°36	2° 8	15°55	M 2
T 3	17 22 52	21°13'18	24°19	29°49	7°55	2°23	1°16	20°13	14°24	14°47	19° 4	0°43	29°33	2°14	16° 0	T 3
W 4	17 26 49	22°10'33	8♍22	1♊16	9° 1	3° 5	1°23	20°18	14°25	14°48	19° 4	0°40	29°30	2°21	16° 6	W 4
T 5	17 30 45	23° 7'47	22°29	2°47	10° 7	3°46	1°31	20°24	14°27	14°50	19° 5	0°D40	29°27	2°28	16°11	T 5
F 6	17 34 42	24° 5'01	6♎39	4°21	11°14	4°28	1°38	20°29	14°29	14°51	19° 6	0°40	29°24	2°34	16°16	F 6
S 7	17 38 38	25° 2'14	20°51	5°58	12°20	5°10	1°44	20°34	14°30	14°53	19° 7	0°41	29°20	2°41	16°22	S 7
S 8	17 42 35	25°59'26	5♏ 2	7°38	13°27	5°52	1°51	20°40	14°32	14°55	19° 7	0°R41	29°17	2°48	16°27	S 8
M 9	17 46 32	26°56'38	19°10	9°21	14°33	6°33	1°58	20°45	14°33	14°56	19° 8	0°40	29°14	2°54	16°33	M 9
T 10	17 50 28	27°53'49	3♐13	11° 7	15°40	7°14	2° 4	20°51	14°35	14°58	19° 9	0°36	29°11	3° 1	16°38	T 10
W11	17 54 25	28°51'00	17° 7	12°55	16°47	7°56	2°10	20°56	14°36	14°59	19° 9	0°30	29° 8	3° 8	16°43	W11
T 12	17 58 21	29°48'11	0♑48	14°47	17°54	8°37	2°16	21° 2	14°38	15° 1	19°10	0°22	29° 4	3°14	16°49	T 12
F 13	18 2 18	0♒45'22	14°14	16°41	19° 1	9°18	2°22	21° 8	14°39	15° 3	19°10	0°12	29° 1	3°21	16°54	F 13
S 14	18 6 14	1°42'32	27°22	18°38	20° 9	9°59	2°28	21°13	14°41	15° 5	19°11	0° 2	28°58	3°28	16°59	S 14
S 15	18 10 11	2°39'42	10♓10	20°37	21°16	10°40	2°33	21°19	14°42	15° 6	19°11	29♈52	28°55	3°34	17° 5	S 15
M16	18 14 8	3°36'53	22°41	22°39	22°24	11°21	2°39	21°25	14°43	15° 8	19°12	29°44	28°52	3°41	17°10	M16
T 17	18 18 4	4°34'03	4♈55	24°42	23°32	12° 2	2°44	21°31	14°44	15°10	19°12	29°38	28°49	3°48	17°15	T 17
W18	18 22 1	5°31'13	16°56	26°47	24°39	12°42	2°49	21°37	14°45	15°12	19°13	29°34	28°45	3°54	17°20	W18
T 19	18 25 57	6°28'24	28°49	28°54	25°47	13°23	2°54	21°43	14°46	15°13	19°13	29°32	28°42	4° 1	17°26	T 19
F 20	18 29 54	7°25'35	10♈38	1♋ 2	26°56	14° 3	2°59	21°49	14°48	15°15	19°14	29°D32	28°39	4° 7	17°31	F 20
S 21	18 33 50	8°22'46	22°29	3°10	28° 4	14°43	3° 3	21°56	14°49	15°17	19°14	29°32	28°36	4°14	17°36	S 21
S 22	18 37 47	9°19'58	4♉27	5°20	29°12	15°23	3° 8	22° 2	14°49	15°19	19°15	29°R32	28°33	4°21	17°41	S 22
M23	18 41 43	10°17'10	16°38	7°30	0♊20	16° 3	3°12	22° 8	14°50	15°21	19°15	29°31	28°30	4°27	17°46	M23
T 24	18 45 40	11°14'23	29° 5	9°40	1°29	16°43	3°16	22°14	14°51	15°23	19°15	29°28	28°26	4°34	17°52	T 24
W25	18 49 37	12°11'36	11♊51	11°49	2°38	17°23	3°20	22°21	14°52	15°25	19°16	29°22	28°23	4°41	17°57	W25
T 26	18 53 33	13° 8'49	24°59	13°59	3°46	18° 2	3°24	22°27	14°53	15°27	19°16	29°13	28°20	4°47	18° 2	T 26
F 27	18 57 30	14° 6'03	8♋28	16° 7	4°55	18°42	3°27	22°34	14°54	15°28	19°16	29° 3	28°17	4°54	18° 7	F 27
S 28	19 1 26	15° 3'17	22°17	18°15	6° 4	19°21	3°30	22°40	14°54	15°30	19°17	28°52	28°14	5° 1	18°12	S 28
S 29	19 5 23	16° 0'31	6♌20	20°21	7°13	20° 0	3°33	22°47	14°55	15°32	19°17	28°40	28°10	5° 7	18°17	S 29
M30	19 9 19	16♋57'45	20♌34	22♋27	8♊22	20♈39	3♈36	22♌54	14♈55	15♌34	19♈17	28♈31	28♈ 7	5♈14	18♊22	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	25n54	5n 6	16n53	2s44	11n 8	2s28	1s38	2s12	0s44	1s14	16n 9	1n23	5n 4	0s39	16n43	0n17	8s14	16s58	11n49	11n23	1s23	17n51	4s55
M 2	23 8	22 32	5 3	17 20	2 35	11 30	2 28	1 21	2 12	0 41	1 15	16 7	1 23	5 4	0 39	16 43	0 17	8 14	16 58	11 47	11 21	1 20	17 52	4 55
T 3	23 12	17 52	4 42	17 47	2 25	11 51	2 28	1 5	2 13	0 38	1 15	16 5	1 23	5 5	0 39	16 42	0 17	8 14	16 59	11 45	11 20	1 17	17 52	4 55
W 4	23 16	12 13	4 4	18 15	2 15	12 12	2 28	0 49	2 14	0 36	1 15	16 4	1 23	5 6	0 39	16 42	0 17	8 14	16 59	11 44	11 19	1 13	17 52	4 55
T 5	23 19	5 54	3 10	18 43	2 5	12 32	2 28	0 33	2 14	0 33	1 16	16 2	1 23	5 6	0 39	16 41	0 17	8 14	16 59	11 44	11 18	1 10	17 53	4 55
F 6	23 22	0s44	2 5	19 12	1 54	12 53	2 28	0 17	2 15	0 31	1 16	16 0	1 23	5 7	0 39	16 41	0 17	8 14	16 59	11 44	11 17	1 7	17 53	4 55
S 7	23 24	7 21	0 53	19 40	1 43	13 13	2 28	0 1	2 15	0 28	1 16	15 59	1 23	5 7	0 39	16 40	0 17	8 14	17 0	11 44	11 16	1 3	17 54	4 55
S 8	23 26	13 36	0s23	20 8	1 32	13 34	2 28	0n15	2 16	0 26	1 16	15 57	1 23	5 8	0 40	16 40	0 17	8 14	17 0	11 44	11 15	1 0	17 54	4 56
M 9	23 28	19 7	1 37	20 35	1 20	13 54	2 27	0 31	2 17	0 23	1 17	15 55	1 23	5 9	0 40	16 39	0 17	8 14	17 0	11 44	11 14	0 56	17 54	4 56
T 10	23 29	23 33	2 45	21 2	1 8	14 14	2 27	0 47	2 17	0 21	1 17	15 53	1 23	5 9	0 40	16 39	0 17	8 14	17 1	11 43	11 12	0 53	17 55	4 56
W11	23 29	26 33	3 42	21 28	0 57	14 33	2 26	1 3	2 18	0 19	1 17	15 51	1 23	5 10	0 40	16 38	0 17	8 14	17 1	11 40	11 11	0 50	17 55	4 56
T 12	23 30	27 54	4 25	21 53	0 45	14 53	2 25	1 18	2 18	0 17	1 17	15 49	1 23	5 10	0 40	16 38	0 17	8 15	17 1	11 38	11 10	0 46	17 55	4 56
F 13	23 29	27 35	4 52	22 17	0 33	15 12	2 24	1 34	2 19	0 15	1 18	15 48	1 23	5 11	0 40	16 38	0 17	8 15	17 2	11 34	11 9	0 43	17 56	4 56
S 14	23 29	25 42	5 4	22 39	0 21	15 31	2 24	1 50	2 19	0 13	1 18	15 46	1 23	5 11	0 40	16 37	0 17	8 15	17 2	11 30	11 8	0 40	17 56	4 57
S 15	23 28	22 32	4 59	23 0	0 10	15 50	2 23	2 5	2 20	0 11	1 18	15 44	1 23	5 12	0 40	16 37	0 17	8 15	17 2	11 27	11 7	0 36	17 56	4 57
M16	23 27	18 24	4 40	23 19	0n 2	16 8	2 21	2 21	2 20	0 9	1 19	15 42	1 23	5 12	0 40	16 36	0 17	8 15	17 3	11 24	11 6	0 33	17 57	4 57
T 17	23 25	13 35	4 9	23 36	0 13	16 26	2 20	2 36	2 21	0 7	1 19	15 40	1 22	5 13	0 40	16 35	0 17	8 15	17 3	11 22	11 5	0 29	17 57	4 57
W18	23 23	8 20	3 27	23 51	0 24	16 44	2 19	2 51	2 21	0 5	1 19	15 38	1 22	5 13	0 40	16 35	0 17	8 15	17 3	11 21	11 3	0 26	17 57	4 57
T 19	23 20	2 51	2 36	24 3	0 34	17 1	2 18	3 7	2 22	0 3	1 19	15 36	1 22	5 13	0 40	16 34	0 17	8 15	17 4	11 20	11 2	0 23	17 58	4 58
F 20	23 17	2n42	1 39	24 13	0 44	17 18	2 16	3 22	2 22	0 2	1 20	15 34	1 22	5 14	0 40	16 34	0 17	8 16	17 4	11 20	11 1	0 19	17 58	4 58
S 21	23 14	8 11	0 38	24 20	0 53	17 35	2 15	3 37	2 23	0 0	1 20	15 32	1 22	5 14	0 40	16 33	0 17	8 16	17 4	11 20	11 0	0 16	17 58	4 58
S 22	23 10	13 27	0n26	24 25	1 1	17 52	2 13	3 52	2 23	0n 1	1 20	15 30	1 22	5 14	0 40	16 33	0 17	8 16	17 5	11 20	10 59	0 12	17 58	4 58
M23	23 6	18 17	1 30	24 26	1 9	18 8	2 11	4 7	2 24	0 3	1 21	15 28	1 22	5 15	0 40	16 32	0 17	8 16	17 5	11 20	10 58	0 9	17 59	4 58
T 24	23 1	22 26	2 30	24 25	1 17	18 23	2 9	4 22	2 24	0 4	1 21	15 26	1 22	5 15	0 40	16 32	0 17	8 16	17 5	11 18	10 57	0 6	17 59	4 59
W25	22 56	25 38	3 25	24 21	1 23	18 39	2 8	4 37	2 25	0 5	1 21	15 23	1 22	5 15	0 40	16 31	0 17	8 16	17 6	11 16	10 55	0 2	17 59	4 59
T 26	22 51	27 33	4 10	24 14	1 29	18 54	2 6	4 51	2 25	0 6	1 21	15 21	1 22	5 16	0 40	16 31	0 17	8 17	17 6	11 13	10 54	0n 1	17 59	4 59
F 27	22 45	27 55	4 42	24 5	1 34	19 8	2 4	5 6	2 25	0 8	1 22	15 19	1 22	5 16	0 40	16 30	0 17	8 17	17 6	11 10	10 53	0 4	17 59	4 59
S 28	22 39	26 34	4 59	23 53	1 39	19 22	2 2	5 21	2 26	0 9	1 22	15 17	1 22	5 16	0 40	16 29	0 17	8 17	17 7	11 6	10 52	0 8	18 0	5 0
S 29	22 32	23 33	4 58	23 38	1 42	19 36	2 0	5 35	2 26	0 10	1 22	15 15	1 22	5 16	0 40	16 29	0 17	8 17	17 7	11 2	10 51	0 11	18 0	5 0
M30	22n25	19n 4	4n39	23n21	1n45	19n49	1s57	5n49	2s26	0n10	1s23	15n13	1n22	5n17	0s40	16n28	0n17	8s18	17s 8	10n58	10n50	0n15	18n 0	5s 0

Julian Day Number = 2303782.5, Delta T = 95.14 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'39, Lahiri = 18°12'40 Julian Calendar 1 June 1595 == Greg. Calendar 11 June 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

JULY 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 13 16	17♋55'00	4♍53	24♋31	9♊31	21♈18	3♈39	23♌ 0	14♈56	15♌36	19♈17	28°R23	28♈ 4	5♈21	18♊27	T 1
W 2	19 17 12	18°52'14	19°13	26°33	10°40	21°56	3°42	23° 7	14°56	15°38	19°17	28♈18	28° 1	5°27	18°32	W 2
T 3	19 21 9	19°49'29	3♎29	28°34	11°50	22°34	3°44	23°14	14°57	15°40	19°18	28°16	27°58	5°34	18°37	T 3
F 4	19 25 6	20°46'44	17°39	0♌33	12°59	23°13	3°46	23°21	14°57	15°43	19°18	28°15	27°55	5°41	18°42	F 4
S 5	19 29 2	21°43'59	1♏43	2°31	14° 9	23°51	3°48	23°27	14°58	15°45	19°18	28°15	27°51	5°47	18°46	S 5
S 6	19 32 59	22°41'15	15°38	4°27	15°18	24°29	3°50	23°34	14°58	15°47	19°18	28°14	27°48	5°54	18°51	S 6
M 7	19 36 55	23°38'30	29°26	6°21	16°28	25° 6	3°52	23°41	14°58	15°49	19°18	28°12	27°45	6° 1	18°56	M 7
T 8	19 40 52	24°35'47	13♐ 5	8°14	17°38	25°44	3°53	23°48	14°58	15°51	19°18	28° 7	27°42	6° 7	19° 1	T 8
W 9	19 44 48	25°33'03	26°35	10° 4	18°48	26°21	3°54	23°55	14°58	15°53	19°18	27°59	27°39	6°14	19° 5	W 9
T 10	19 48 45	26°30'20	9♑53	11°53	19°58	26°58	3°55	24° 2	14°58	15°55	19°R18	27°49	27°36	6°21	19°10	T 10
F 11	19 52 42	27°27'38	22°59	13°41	21° 8	27°35	3°56	24° 9	14°R58	15°57	19°18	27°36	27°32	6°27	19°15	F 11
S 12	19 56 38	28°24'56	5♒51	15°26	22°18	28°12	3°57	24°16	14°58	15°59	19°18	27°24	27°29	6°34	19°19	S 12
S 13	20 0 35	29°22'16	18°27	17°10	23°28	28°49	3°57	24°24	14°58	16° 1	19°18	27°11	27°26	6°41	19°24	S 13
M14	20 4 31	0♌19'36	0♓49	18°52	24°38	29°25	3°57	24°31	14°58	16° 4	19°18	27° 0	27°23	6°47	19°29	M14
T 15	20 8 28	1°16'56	12°58	20°33	25°49	0♉ 1	3°R57	24°38	14°58	16° 6	19°18	26°52	27°20	6°54	19°33	T 15
W16	20 12 24	2°14'18	24°56	22°11	26°59	0°37	3°57	24°45	14°58	16° 8	19°18	26°46	27°16	7° 1	19°37	W16
T 17	20 16 21	3°11'41	6♈47	23°48	28°10	1°13	3°57	24°52	14°58	16°10	19°18	26°43	27°13	7° 7	19°42	T 17
F 18	20 20 17	4° 9'05	18°35	25°24	29°20	1°49	3°56	25° 0	14°57	16°12	19°17	26°42	27°10	7°14	19°46	F 18
S 19	20 24 14	5° 6'30	0♉25	26°57	0♋31	2°24	3°55	25° 7	14°57	16°14	19°17	26°42	27° 7	7°21	19°51	S 19
S 20	20 28 10	6° 3'57	12°23	28°29	1°42	2°59	3°54	25°14	14°57	16°17	19°17	26°41	27° 4	7°27	19°55	S 20
M21	20 32 7	7° 1'25	24°34	29°59	2°53	3°34	3°53	25°22	14°56	16°19	19°17	26°40	27° 1	7°34	19°59	M21
T 22	20 36 4	7°58'54	7♊ 3	1♍28	4° 4	4° 8	3°52	25°29	14°56	16°21	19°17	26°37	26°57	7°40	20° 3	T 22
W23	20 40 0	8°56'24	19°54	2°55	5°15	4°43	3°50	25°37	14°55	16°23	19°16	26°32	26°54	7°47	20° 7	W23
T 24	20 43 57	9°53'56	3♋11	4°20	6°26	5°17	3°49	25°44	14°55	16°25	19°16	26°24	26°51	7°54	20°11	T 24
F 25	20 47 53	10°51'29	16°53	5°43	7°37	5°50	3°47	25°51	14°54	16°28	19°16	26°15	26°48	8° 0	20°15	F 25
S 26	20 51 50	11°49'04	0♌59	7° 4	8°48	6°24	3°45	25°59	14°53	16°30	19°16	26° 4	26°45	8° 7	20°19	S 26
S 27	20 55 46	12°46'39	15°24	8°24	9°59	6°57	3°42	26° 6	14°52	16°32	19°15	25°53	26°42	8°14	20°23	S 27
M28	20 59 43	13°44'16	0♍ 3	9°41	11°11	7°30	3°40	26°14	14°52	16°34	19°15	25°43	26°38	8°20	20°27	M28
T 29	21 3 40	14°41'53	14°47	10°57	12°22	8° 3	3°37	26°21	14°51	16°37	19°14	25°36	26°35	8°27	20°31	T 29
W30	21 7 36	15°39'32	29°28	12°11	13°34	8°35	3°34	26°29	14°50	16°39	19°14	25°31	26°32	8°34	20°35	W30
T 31	21 11 33	16♌37'12	14♎ 2	13♍22	14♋45	9♉ 7	3♈31	26♌36	14♈49	16♌41	19♈14	25♈29	26♈29	8♈40	20♊39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n18	13n30	4n 3	23n 2	1n47	20n 2	1s55	6n 3	2s27	0n11	1s23	15n10	1n22	5n17	0s40	16n28	0n17	8s18	17s 8	10n55	10n49	0n18	18n 0	5s 0	
W 2	22 10	7 12	3 11	22 40	1 49	20 14	1 53	6 17	2 27	0 12	1 23	15 8	1 22	5 17	0 40	16 27	0 17	8 18	17 8	10 54	10 48	0 21	18 0	5 1	
T 3	22 2	0 33	2 7	22 17	1 49	20 26	1 51	6 31	2 27	0 13	1 24	15 6	1 22	5 17	0 40	16 26	0 17	8 18	17 9	10 53	10 46	0 25	18 0	5 1	
F 4	21 53	6s 5	0 56	21 51	1 49	20 37	1 48	6 45	2 28	0 13	1 24	15 4	1 22	5 17	0 40	16 26	0 17	8 19	17 9	10 53	10 45	0 28	18 1	5 1	
S 5	21 44	12 23	0s18	21 24	1 49	20 48	1 46	6 59	2 28	0 14	1 24	15 1	1 22	5 17	0 40	16 25	0 17	8 19	17 9	10 53	10 44	0 32	18 1	5 1	
S 6	21 35	18 0	1 31	20 56	1 47	20 58	1 43	7 13	2 28	0 14	1 24	14 59	1 22	5 17	0 40	16 25	0 17	8 19	17 10	10 52	10 43	0 35	18 1	5 2	
M 7	21 25	22 38	2 37	20 26	1 46	21 8	1 41	7 26	2 28	0 14	1 25	14 57	1 22	5 17	0 40	16 24	0 17	8 19	17 10	10 51	10 42	0 38	18 1	5 2	
T 8	21 15	25 57	3 33	19 54	1 43	21 17	1 38	7 40	2 29	0 15	1 25	14 55	1 22	5 17	0 40	16 23	0 17	8 20	17 10	10 50	10 41	0 42	18 1	5 2	
W 9	21 5	27 44	4 17	19 22	1 40	21 26	1 35	7 53	2 29	0 15	1 25	14 52	1 22	5 17	0 40	16 23	0 17	8 20	17 11	10 47	10 40	0 45	18 1	5 3	
T 10	20 54	27 52	4 46	18 48	1 36	21 34	1 33	8 6	2 29	0 15	1 26	14 50	1 22	5 17	0 40	16 22	0 17	8 20	17 11	10 43	10 38	0 49	18 1	5 3	
F 11	20 43	26 27	4 59	18 14	1 32	21 42	1 30	8 19	2 29	0 15	1 26	14 48	1 22	5 17	0 40	16 22	0 17	8 21	17 11	10 39	10 37	0 52	18 1	5 3	
S 12	20 32	23 39	4 57	17 39	1 28	21 49	1 27	8 32	2 29	0 15	1 26	14 45	1 22	5 17	0 40	16 21	0 17	8 21	17 12	10 34	10 36	0 55	18 1	5 4	
S 13	20 20	19 46	4 40	17 2	1 23	21 56	1 24	8 45	2 29	0 15	1 27	14 43	1 22	5 17	0 41	16 20	0 17	8 21	17 12	10 30	10 35	0 59	18 1	5 4	
M14	20 8	15 6	4 10	16 26	1 17	22 2	1 22	8 58	2 30	0 15	1 27	14 40	1 22	5 17	0 41	16 20	0 17	8 22	17 12	10 26	10 34	1 2	18 1	5 4	
T 15	19 55	9 55	3 29	15 48	1 12	22 7	1 19	9 10	2 30	0 15	1 27	14 38	1 22	5 17	0 41	16 19	0 17	8 22	17 13	10 23	10 33	1 5	18 1	5 5	
W16	19 42	4 27	2 40	15 11	1 5	22 12	1 16	9 23	2 30	0 14	1 27	14 36	1 22	5 17	0 41	16 18	0 17	8 22	17 13	10 21	10 32	1 9	18 1	5 5	
T 17	19 29	1n 7	1 43	14 32	0 59	22 16	1 13	9 35	2 30	0 14	1 28	14 33	1 22	5 17	0 41	16 18	0 17	8 23	17 13	10 19	10 30	1 12	18 1	5 5	
F 18	19 16	6 38	0 43	13 54	0 52	22 20	1 10	9 47	2 30	0 13	1 28	14 31	1 22	5 17	0 41	16 17	0 17	8 23	17 14	10 19	10 29	1 16	18 1	5 6	
S 19	19 2	11 57	0n20	13 15	0 44	22 23	1 7	9 59	2 30	0 13	1 28	14 28	1 22	5 17	0 41	16 16	0 17	8 24	17 14	10 19	10 28	1 19	18 1	5 6	
S 20	18 48	16 54	1 22	12 36	0 37	22 25	1 4	10 11	2 30	0 12	1 29	14 26	1 22	5 16	0 41	16 16	0 17	8 24	17 14	10 19	10 27	1 22	18 1	5 6	
M21	18 34	21 15	2 22	11 57	0 29	22 27	1 1	10 23	2 30	0 11	1 29	14 23	1 22	5 16	0 41	16 15	0 17	8 24	17 15	10 19	10 26	1 26	18 1	5 7	
T 22	18 19	24 46	3 17	11 18	0 21	22 28	0 58	10 34	2 30	0 11	1 29	14 21	1 22	5 16	0 41	16 15	0 17	8 25	17 15	10 17	10 25	1 29	18 1	5 7	
W23	18 4	27 9	4 3	10 39	0 12	22 29	0 55	10 46	2 30	0 10	1 30	14 18	1 22	5 16	0 41	16 14	0 17	8 25	17 16	10 16	10 24	1 33	18 1	5 8	
T 24	17 49	28 5	4 38	10 0	0 4	22 28	0 52	10 57	2 30	0 9	1 30	14 16	1 23	5 16	0 41	16 13	0 17	8 26	17 16	10 13	10 22	1 36	18 1	5 8	
F 25	17 33	27 21	4 58	9 21	0s 5	22 28	0 49	11 8	2 30	0 8	1 30	14 13	1 23	5 15	0 41	16 13	0 17	8 26	17 16	10 9	10 21	1 39	18 1	5 8	
S 26	17 17	24 52	5 1	8 43	0 14	22 26	0 46	11 19	2 30	0 7	1 30	14 11	1 23	5 15	0 41	16 12	0 17	8 26	17 17	10 5	10 20	1 43	18 0	5 9	
S 27	17 1	20 47	4 45	8 4	0 24	22 24	0 43	11 30	2 30	0 5	1 31	14 8	1 23	5 15	0 41	16 11	0 17	8 27	17 17	10 1	10 19	1 46	18 0	5 9	
M28	16 44	15 22	4 10	7 26	0 33	22 22	0 40	11 41	2 30	0 4	1 31	14 6	1 23	5 14	0 41	16 11	0 17	8 27	17 17	9 58	10 18	1 50	18 0	5 10	
T 29	16 28	9 3	3 18	6 49	0 43	22 19	0 36	11 52	2 30	0 3	1 31	14 3	1 23	5 14	0 41	16 10	0 17	8 28	17 17	9 55	10 17	1 53	18 0	5 10	
W30	16 11	2 15	2 14	6 12	0 53	22 15	0 33	12 2	2 30	0 1	1 31	14 1	1 23	5 14	0 41	16 9	0 17	8 28	17 18	9 53	10 15	1 56	18 0	5 10	
T 31	15n53	4s37	1n 0	5n35	1s 3	22n10	0s30	12n12	2s29	0s 0	1s32	13n58	1n23	5n13	0s41	16n 9	0n17	8s29	17s18	9n52	10n14	2n 0	18n 0	5s11	

Julian Day Number = 2303812.5, Delta T = 95.02 sec
Ecliptic obliquity = 23°29'38, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'43, Lahiri = 18°12'44 Julian Calendar 1 July 1595 == Greg. Calendar 11 July 1595

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1595
geocentric

AUGUST 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 15 29	17♌34'53	28♎23	14♍32	15♋57	9♉39	3°R28	26♌44	14°R48	16♌43	19°R13	25°D28	26♈26	8♈47	20♊42	F 1
S 2	21 19 26	18°32'34	12♏30	15°39	17° 9	10°10	3♈24	26°52	14♈47	16°45	19♈13	25°R29	26°22	8°54	20°46	S 2
S 3	21 23 22	19°30'17	26°21	16°44	18°20	10°41	3°21	26°59	14°46	16°48	19°12	25♈28	26°19	9° 0	20°50	S 3
M 4	21 27 19	20°28'01	9♐58	17°46	19°32	11°12	3°17	27° 7	14°45	16°50	19°12	25°27	26°16	9° 7	20°53	M 4
T 5	21 31 15	21°25'46	23°21	18°46	20°44	11°42	3°13	27°14	14°44	16°52	19°11	25°23	26°13	9°14	20°57	T 5
W 6	21 35 12	22°23'33	6♑31	19°43	21°56	12°12	3° 9	27°22	14°43	16°54	19°11	25°17	26°10	9°20	21° 0	W 6
T 7	21 39 9	23°21'20	19°28	20°38	23° 8	12°42	3° 4	27°29	14°41	16°57	19°10	25° 8	26° 7	9°27	21° 3	T 7
F 8	21 43 5	24°19'09	2♒13	21°29	24°20	13°12	3° 0	27°37	14°40	16°59	19°10	24°58	26° 3	9°34	21° 7	F 8
S 9	21 47 2	25°16'59	14°47	22°17	25°32	13°41	2°55	27°45	14°39	17° 1	19° 9	24°47	26° 0	9°40	21°10	S 9
S 10	21 50 58	26°14'51	27° 8	23° 2	26°44	14° 9	2°50	27°52	14°38	17° 3	19° 8	24°37	25°57	9°47	21°13	S 10
M11	21 54 55	27°12'44	9♓19	23°43	27°57	14°38	2°45	28° 0	14°36	17° 5	19° 8	24°28	25°54	9°54	21°16	M11
T 12	21 58 51	28°10'39	21°20	24°20	29° 9	15° 5	2°40	28° 8	14°35	17° 8	19° 7	24°21	25°51	10° 0	21°19	T 12
W13	22 2 48	29° 8'35	3♈14	24°54	0♌22	15°33	2°34	28°15	14°33	17°10	19° 6	24°16	25°48	10° 7	21°22	W13
T 14	22 6 44	0♍ 6'33	15° 2	25°23	1°34	16° 0	2°29	28°23	14°32	17°12	19° 6	24°14	25°44	10°13	21°25	T 14
F 15	22 10 41	1° 4'33	26°49	25°47	2°47	16°27	2°23	28°30	14°30	17°14	19° 5	24°D13	25°41	10°20	21°28	F 15
S 16	22 14 37	2° 2'35	8♉38	26° 7	3°59	16°53	2°17	28°38	14°29	17°16	19° 4	24°14	25°38	10°27	21°31	S 16
S 17	22 18 34	3° 0'39	20°35	26°22	5°12	17°19	2°11	28°46	14°27	17°19	19° 4	24°15	25°35	10°33	21°33	S 17
M18	22 22 31	3°58'44	2♊44	26°31	6°25	17°44	2° 5	28°53	14°25	17°21	19° 3	24°R16	25°32	10°40	21°36	M18
T 19	22 26 27	4°56'52	15°11	26°R34	7°37	18° 9	1°59	29° 1	14°24	17°23	19° 2	24°15	25°28	10°47	21°39	T 19
W20	22 30 24	5°55'02	28° 1	26°32	8°50	18°34	1°53	29° 8	14°22	17°25	19° 1	24°13	25°25	10°53	21°41	W20
T 21	22 34 20	6°53'14	11♋17	26°23	10° 3	18°58	1°46	29°16	14°20	17°27	19° 1	24° 9	25°22	11° 0	21°43	T 21
F 22	22 38 17	7°51'28	25° 1	26° 9	11°16	19°21	1°40	29°24	14°18	17°29	19° 0	24° 3	25°19	11° 7	21°46	F 22
S 23	22 42 13	8°49'43	9♌12	25°47	12°29	19°44	1°33	29°31	14°17	17°31	18°59	23°56	25°16	11°13	21°48	S 23
S 24	22 46 10	9°48'01	23°48	25°20	13°42	20° 7	1°26	29°39	14°15	17°33	18°58	23°49	25°13	11°20	21°50	S 24
M25	22 50 7	10°46'20	8♍41	24°45	14°56	20°28	1°19	29°46	14°13	17°35	18°57	23°43	25° 9	11°27	21°53	M25
T 26	22 54 3	11°44'42	23°44	24° 5	16° 9	20°50	1°12	29°54	14°11	17°38	18°56	23°38	25° 6	11°33	21°55	T 26
W27	22 58 0	12°43'05	8♎47	23°19	17°22	21°11	1° 5	0♍ 1	14° 9	17°40	18°55	23°35	25° 3	11°40	21°57	W27
T 28	23 1 56	13°41'29	23°41	22°28	18°35	21°31	0°57	0° 9	14° 7	17°42	18°55	23°D34	25° 0	11°47	21°59	T 28
F 29	23 5 53	14°39'56	8♏20	21°32	19°49	21°51	0°50	0°16	14° 5	17°44	18°54	23°35	24°57	11°53	22° 0	F 29
S 30	23 9 49	15°38'24	22°40	20°32	21° 2	22°10	0°42	0°24	14° 3	17°46	18°53	23°36	24°53	12° 0	22° 2	S 30
S 31	23 13 46	16♍36'54	6♐38	19♍31	22♌16	22♉28	0♈35	0♍31	14♈ 1	17♌48	18♈52	23♈38	24♈50	12♈ 7	22♊ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n36	11s10	0s16	4n59	1s13	22n 5	0s27	12n22	2s29	0s 2	1s32	13n56	1n23	5n13	0s41	16n 8	0n17	8s29	17s18	9n52	10n13	2n 3	18n 0	5s11	F 1
S 2	15 18	17 3	1 29	4 24	1 23	22 0	0 24	12 33	2 29	0 3	1 32	13 53	1 23	5 12	0 41	16 7	0 17	8 30	17 19	9 52	10 12	2 7	17 59	5 12	S 2
S 3	15 0	21 55	2 37	3 49	1 33	21 53	0 21	12 42	2 29	0 5	1 33	13 51	1 23	5 12	0 41	16 7	0 17	8 30	17 19	9 52	10 11	2 10	17 59	5 12	S 3
M 4	14 42	25 31	3 34	3 15	1 43	21 46	0 18	12 52	2 29	0 7	1 33	13 48	1 23	5 12	0 41	16 6	0 17	8 30	17 19	9 52	10 10	2 13	17 59	5 12	M 4
T 5	14 24	27 37	4 18	2 43	1 54	21 39	0 15	13 2	2 28	0 9	1 33	13 45	1 23	5 11	0 41	16 5	0 17	8 31	17 20	9 50	10 9	2 17	17 59	5 13	T 5
W 6	14 5	28 8	4 48	2 11	2 4	21 30	0 12	13 11	2 28	0 10	1 33	13 43	1 23	5 11	0 41	16 5	0 17	8 31	17 20	9 48	10 7	2 20	17 59	5 13	W 6
T 7	13 46	27 4	5 2	1 40	2 14	21 22	0 9	13 20	2 28	0 12	1 34	13 40	1 23	5 10	0 41	16 4	0 17	8 32	17 20	9 45	10 6	2 24	17 58	5 14	T 7
F 8	13 27	24 36	5 1	1 10	2 24	21 12	0 6	13 29	2 27	0 14	1 34	13 38	1 23	5 10	0 41	16 3	0 17	8 32	17 21	9 41	10 5	2 27	17 58	5 14	F 8
S 9	13 7	20 59	4 46	0 42	2 35	21 2	0 3	13 38	2 27	0 17	1 34	13 35	1 23	5 9	0 41	16 3	0 17	8 33	17 21	9 37	10 4	2 30	17 58	5 15	S 9
S 10	12 48	16 31	4 17	0 15	2 45	20 51	0 0	13 47	2 27	0 19	1 34	13 33	1 23	5 9	0 41	16 2	0 17	8 33	17 21	9 33	10 3	2 34	17 58	5 15	S 10
M11	12 28	11 26	3 37	0s10	2 54	20 40	0n 3	13 56	2 26	0 21	1 35	13 30	1 23	5 8	0 41	16 1	0 17	8 34	17 21	9 30	10 2	2 37	17 57	5 16	M11
T 12	12 8	6 0	2 47	0 34	3 4	20 28	0 6	14 4	2 26	0 23	1 35	13 27	1 23	5 7	0 41	16 1	0 17	8 34	17 22	9 27	10 0	2 41	17 57	5 16	T 12
W13	11 48	0 24	1 50	0 55	3 13	20 16	0 9	14 13	2 26	0 26	1 35	13 25	1 24	5 7	0 41	16 0	0 17	8 35	17 22	9 26	9 59	2 44	17 57	5 17	W13
T 14	11 28	5n11	0 49	1 15	3 22	20 3	0 12	14 21	2 25	0 28	1 35	13 22	1 24	5 6	0 41	15 59	0 17	8 35	17 22	9 25	9 58	2 47	17 57	5 17	T 14
F 15	11 7	10 35	0n14	1 33	3 31	19 49	0 14	14 29	2 25	0 30	1 35	13 20	1 24	5 6	0 41	15 59	0 17	8 36	17 23	9 25	9 57	2 51	17 56	5 18	F 15
S 16	10 46	15 38	1 17	1 48	3 39	19 35	0 17	14 37	2 24	0 33	1 36	13 17	1 24	5 5	0 41	15 58	0 17	8 36	17 23	9 25	9 56	2 54	17 56	5 18	S 16
S 17	10 25	20 9	2 17	2 1	3 47	19 20	0 20	14 45	2 24	0 36	1 36	13 14	1 24	5 4	0 41	15 57	0 17	8 37	17 23	9 25	9 55	2 58	17 56	5 18	S 17
M18	10 4	23 54	3 13	2 11	3 54	19 5	0 23	14 52	2 23	0 38	1 36	13 12	1 24	5 4	0 41	15 57	0 17	8 37	17 23	9 26	9 54	3 1	17 55	5 19	M18
T 19	9 43	26 39	4 0	2 19	4 0	18 49	0 25	15 0	2 22	0 41	1 36	13 9	1 24	5 3	0 41	15 56	0 17	8 38	17 24	9 25	9 52	3 4	17 55	5 19	T 19
W20	9 22	28 6	4 37	2 23	4 6	18 33	0 28	15 7	2 22	0 43	1 36	13 7	1 24	5 2	0 41	15 55	0 17	8 38	17 24	9 25	9 51	3 8	17 55	5 20	W20
T 21	9 0	28 1	5 1	2 23	4 10	18 16	0 31	15 14	2 21	0 46	1 37	13 4	1 24	5 2	0 41	15 55	0 17	8 39	17 24	9 23	9 50	3 11	17 54	5 20	T 21
F 22	8 39	26 14	5 9	2 21	4 14	17 58	0 33	15 21	2 21	0 49	1 37	13 2	1 24	5 1	0 41	15 54	0 17	8 39	17 24	9 21	9 49	3 15	17 54	5 21	F 22
S 23	8 17	22 47	4 58	2 14	4 16	17 40	0 36	15 28	2 20	0 52	1 37	12 59	1 24	5 0	0 42	15 54	0 17	8 40	17 25	9 18	9 48	3 18	17 54	5 21	S 23
S 24	7 55	17 50	4 28	2 4	4 17	17 22	0 38	15 34	2 19	0 55	1 37	12 56	1 24	5 0	0 42	15 53	0 17	8 40	17 25	9 16	9 47	3 21	17 53	5 22	S 24
M25	7 33	11 43	3 39	1 50	4 16	17 3	0 41	15 41	2 18	0 58	1 37	12 54	1 25	4 59	0 42	15 52	0 17	8 41	17 25	9 13	9 45	3 25	17 53	5 22	M25
T 26	7 10	4 52	2 35	1 32	4 14	16 43	0 43	15 47	2 18	1 1	1 37	12 51	1 25	4 58	0 42	15 52	0 17	8 41	17 25	9 12	9 44	3 28	17 52	5 23	T 26
W27	6 48	2s16	1 20	1 10	4 10	16 23	0 45	15 54	2 17	1 4	1 38	12 49	1 25	4 57	0 42	15 51	0 17	8 42	17 25	9 11	9 43	3 31	17 52	5 24	W27
T 28	6 26	9 13	0s 1	0 44	4 4	16 3	0 48	16 0	2 16	1 7	1 38	12 46	1 25	4 56	0 42	15 50	0 17	8 43	17 26	9 10	9 42	3 35	17 52	5 24	T 28
F 29	6 3	15 34	1 20	0 15	3 56	15 42	0 50	16 5	2 15	1 10	1 38	12 44	1 25	4 56	0 42	15 50	0 17	8 43	17 26	9 11	9 41	3 38	17 51	5 25	F 29
S 30	5 40	20 55	2 32	0n18	3 46	15 21	0 52	16 11	2 14	1 13	1 38	12 41	1 25	4 55	0 42	15 49	0 17	8 44	17 26	9 11	9 40	3 42	17 51	5 25	S 30
S 31	5n18	24s58	3s33	0n53	3s34	14n59	0n54	16n17	2s13	1s16	1s38	12n38	1n25	4n54	0s42	15n49	0n17	8s44	17s26	9n12	9n38	3n45	17n50	5s26	S 31

Julian Day Number = 2303843.5, Delta T = 94.89 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'47, Lahiri = 18°12'48 Julian Calendar 1 Aug. 1595 == Greg. Calendar 11 Aug. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

SEPTEMBER 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 17 42	17♍35'25	20♐15	18°R28	23♌29	22♉46	0°R27	0♍39	13°R59	17♌50	18°R51	23°R38	24♈47	12♈13	22♊ 6	M 1
T 2	23 21 39	18°33'58	3♑31	17♍25	24°43	23° 4	0♈20	0°46	13♈57	17°52	18♈50	23♈37	24°44	12°20	22° 7	T 2
W 3	23 25 35	19°32'33	16°30	16°25	25°57	23°20	0°12	0°53	13°55	17°54	18°49	23°34	24°41	12°26	22° 9	W 3
T 4	23 29 32	20°31'09	29°13	15°27	27°10	23°36	0° 4	1° 1	13°52	17°56	18°48	23°30	24°38	12°33	22°10	T 4
F 5	23 33 29	21°29'47	11♒42	14°35	28°24	23°52	29♓56	1° 8	13°50	17°58	18°47	23°25	24°34	12°40	22°11	F 5
S 6	23 37 25	22°28'27	24° 0	13°49	29°38	24° 7	29°48	1°15	13°48	17°59	18°46	23°20	24°31	12°46	22°13	S 6
S 7	23 41 22	23°27'09	6♓ 7	13°11	0♍52	24°21	29°40	1°23	13°46	18° 1	18°45	23°15	24°28	12°53	22°14	S 7
M 8	23 45 18	24°25'52	18° 7	12°40	2° 5	24°34	29°32	1°30	13°44	18° 3	18°44	23°10	24°25	13° 0	22°15	M 8
T 9	23 49 15	25°24'37	0♈ 1	12°20	3°19	24°47	29°24	1°37	13°41	18° 5	18°43	23° 7	24°22	13° 6	22°16	T 9
W10	23 53 11	26°23'25	11°50	12° 8	4°33	24°59	29°16	1°44	13°39	18° 7	18°42	23° 5	24°19	13°13	22°17	W10
T 11	23 57 8	27°22'14	23°37	12°D 7	5°47	25°10	29° 8	1°51	13°37	18° 9	18°41	23°D 4	24°15	13°20	22°18	T 11
F 12	0 1 4	28°21'06	5♉25	12°16	7° 1	25°21	29° 0	1°58	13°34	18°11	18°40	23° 5	24°12	13°26	22°19	F 12
S 13	0 5 1	29°20'00	17°16	12°35	8°15	25°30	28°52	2° 6	13°32	18°12	18°39	23° 6	24° 9	13°33	22°19	S 13
S 14	0 8 58	0♎18'56	29°15	13° 4	9°30	25°39	28°44	2°13	13°30	18°14	18°38	23° 8	24° 6	13°40	22°20	S 14
M15	0 12 54	1°17'55	11♊25	13°42	10°44	25°48	28°36	2°20	13°27	18°16	18°36	23° 9	24° 3	13°46	22°21	M15
T 16	0 16 51	2°16'56	23°51	14°29	11°58	25°55	28°28	2°27	13°25	18°18	18°35	23°10	23°59	13°53	22°21	T 16
W17	0 20 47	3°15'59	6♋36	15°24	13°12	26° 2	28°20	2°34	13°23	18°19	18°34	23°R11	23°56	14° 0	22°22	W17
T 18	0 24 44	4°15'04	19°46	16°26	14°27	26° 7	28°12	2°40	13°20	18°21	18°33	23°10	23°53	14° 6	22°22	T 18
F 19	0 28 40	5°14'12	3♌23	17°35	15°41	26°12	28° 4	2°47	13°18	18°23	18°32	23° 8	23°50	14°13	22°22	F 19
S 20	0 32 37	6°13'22	17°27	18°50	16°55	26°16	27°56	2°54	13°15	18°24	18°31	23° 6	23°47	14°19	22°22	S 20
S 21	0 36 33	7°12'35	1♍58	20°10	18°10	26°20	27°49	3° 1	13°13	18°26	18°30	23° 4	23°44	14°26	22°R22	S 21
M22	0 40 30	8°11'49	16°50	21°35	19°24	26°22	27°41	3° 8	13°11	18°27	18°29	23° 2	23°40	14°33	22°22	M22
T 23	0 44 27	9°11'06	1♎58	23° 4	20°39	26°23	27°33	3°14	13° 8	18°29	18°28	23° 1	23°37	14°39	22°22	T 23
W24	0 48 23	10°10'25	17°11	24°35	21°54	26°R24	27°25	3°21	13° 6	18°31	18°26	23°D 0	23°34	14°46	22°22	W24
T 25	0 52 20	11° 9'46	2♏20	26°10	23° 8	26°24	27°18	3°27	13° 3	18°32	18°25	23° 0	23°31	14°53	22°22	T 25
F 26	0 56 16	12° 9'08	17°16	27°47	24°23	26°23	27°10	3°34	13° 1	18°34	18°24	23° 1	23°28	14°59	22°21	F 26
S 27	1 0 13	13° 8'33	1♐51	29°26	25°37	26°20	27° 3	3°41	12°58	18°35	18°23	23° 2	23°25	15° 6	22°21	S 27
S 28	1 4 9	14° 8'00	16° 3	1♎ 6	26°52	26°17	26°55	3°47	12°56	18°37	18°22	23° 3	23°21	15°13	22°21	S 28
M29	1 8 6	15° 7'28	29°48	2°47	28° 7	26°14	26°48	3°53	12°53	18°38	18°21	23° 3	23°18	15°19	22°20	M29
T 30	1 12 2	16♎ 6'59	13♑ 8	4♎29	29♍22	26♉ 9	26♓41	4♍ 0	12♈51	18♌39	18♈20	23°R 4	23♈15	15♈26	22♊19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n55	27s28	4s21	1n30	3s21	14n37	0n56	16n22	2s12	1s19	1s38	12n36	1n25	4n53	0s42	15n48	0n17	8s45	17s26	9n12	9n37	3n48	17n50	5s26
T 2	4 32	28 20	4 53	2 8	3 5	14 14	0 59	16 28	2 11	1 22	1 38	12 33	1 25	4 52	0 42	15 47	0 18	8 45	17 27	9 11	9 36	3 52	17 49	5 27
W 3	4 9	27 36	5 10	2 47	2 48	13 51	1 1	16 33	2 10	1 25	1 38	12 31	1 25	4 52	0 42	15 47	0 18	8 46	17 27	9 10	9 35	3 55	17 49	5 27
T 4	3 46	25 25	5 10	3 26	2 30	13 28	1 2	16 38	2 9	1 29	1 38	12 28	1 26	4 51	0 42	15 46	0 18	8 46	17 27	9 9	9 34	3 59	17 49	5 28
F 5	3 23	22 3	4 56	4 4	2 11	13 4	1 4	16 43	2 8	1 32	1 38	12 26	1 26	4 50	0 42	15 46	0 18	8 47	17 27	9 7	9 33	4 2	17 48	5 28
S 6	3 0	17 47	4 29	4 40	1 52	12 40	1 6	16 47	2 7	1 35	1 39	12 23	1 26	4 49	0 42	15 45	0 18	8 47	17 27	9 5	9 31	4 5	17 48	5 29
S 7	2 36	12 50	3 49	5 13	1 32	12 15	1 8	16 52	2 6	1 38	1 39	12 21	1 26	4 48	0 42	15 45	0 18	8 48	17 27	9 3	9 30	4 9	17 47	5 29
M 8	2 13	7 28	3 0	5 43	1 12	11 50	1 10	16 56	2 5	1 41	1 39	12 18	1 26	4 47	0 42	15 44	0 18	8 48	17 28	9 1	9 29	4 12	17 47	5 30
T 9	1 50	1 53	2 3	6 9	0 52	11 25	1 11	17 1	2 3	1 45	1 39	12 16	1 26	4 46	0 42	15 43	0 18	8 49	17 28	9 0	9 28	4 16	17 46	5 30
W10	1 26	3n45	1 1	6 31	0 33	10 59	1 13	17 5	2 2	1 48	1 39	12 13	1 26	4 45	0 42	15 43	0 18	8 49	17 28	8 59	9 27	4 19	17 46	5 31
T 11	1 3	9 14	0n 3	6 49	0 14	10 34	1 14	17 9	2 1	1 51	1 39	12 11	1 26	4 45	0 42	15 42	0 18	8 50	17 28	8 59	9 26	4 22	17 45	5 31
F 12	0 39	14 25	1 8	7 1	0n 3	10 7	1 16	17 13	1 59	1 54	1 39	12 9	1 27	4 44	0 42	15 42	0 18	8 50	17 28	8 59	9 24	4 26	17 45	5 32
S 13	0 16	19 6	2 10	7 9	0 20	9 41	1 17	17 16	1 58	1 58	1 39	12 6	1 27	4 43	0 42	15 41	0 18	8 51	17 28	9 0	9 23	4 29	17 44	5 33
S 14	0s 8	23 4	3 7	7 12	0 35	9 14	1 18	17 20	1 56	2 1	1 39	12 4	1 27	4 42	0 42	15 41	0 18	8 51	17 28	9 1	9 22	4 32	17 44	5 33
M15	0 31	26 6	3 56	7 11	0 49	8 47	1 20	17 23	1 55	2 4	1 39	12 1	1 27	4 41	0 42	15 40	0 18	8 52	17 28	9 1	9 21	4 36	17 43	5 34
T 16	0 55	27 57	4 36	7 4	1 1	8 20	1 21	17 27	1 53	2 7	1 39	11 59	1 27	4 40	0 42	15 40	0 18	8 52	17 29	9 2	9 20	4 39	17 43	5 34
W17	1 18	28 22	5 3	6 53	1 13	7 52	1 22	17 30	1 52	2 10	1 39	11 57	1 27	4 39	0 42	15 39	0 18	8 53	17 29	9 2	9 19	4 43	17 42	5 35
T 18	1 42	27 14	5 16	6 38	1 22	7 25	1 23	17 33	1 50	2 14	1 39	11 54	1 27	4 38	0 42	15 39	0 18	8 53	17 29	9 1	9 17	4 46	17 42	5 35
F 19	2 5	24 29	5 11	6 19	1 31	6 57	1 24	17 35	1 48	2 17	1 39	11 52	1 28	4 37	0 42	15 38	0 18	8 54	17 29	9 1	9 16	4 49	17 41	5 36
S 20	2 29	20 12	4 48	5 56	1 38	6 28	1 25	17 38	1 47	2 20	1 39	11 50	1 28	4 36	0 42	15 38	0 18	8 54	17 29	9 0	9 15	4 53	17 41	5 36
S 21	2 52	14 38	4 6	5 30	1 44	6 0	1 26	17 41	1 45	2 23	1 39	11 47	1 28	4 35	0 42	15 37	0 18	8 55	17 29	8 59	9 14	4 56	17 40	5 37
M22	3 15	8 5	3 7	5 1	1 49	5 32	1 26	17 43	1 43	2 26	1 39	11 45	1 28	4 34	0 42	15 37	0 18	8 55	17 29	8 59	9 13	5 0	17 39	5 38
T 23	3 39	0 58	1 54	4 29	1 53	5 3	1 27	17 45	1 41	2 29	1 39	11 43	1 28	4 33	0 42	15 36	0 18	8 56	17 29	8 58	9 11	5 3	17 39	5 38
W24	4 2	6s16	0 32	3 55	1 55	4 34	1 28	17 47	1 39	2 32	1 38	11 40	1 28	4 32	0 42	15 36	0 18	8 56	17 29	8 58	9 10	5 6	17 38	5 39
T 25	4 26	13 7	0s52	3 19	1 57	4 5	1 28	17 49	1 37	2 35	1 38	11 38	1 28	4 32	0 42	15 35	0 18	8 56	17 29	8 58	9 9	5 10	17 38	5 39
F 26	4 49	19 7	2 11	2 41	1 58	3 36	1 29	17 51	1 35	2 38	1 38	11 36	1 29	4 31	0 42	15 35	0 18	8 57	17 29	8 58	9 8	5 13	17 37	5 40
S 27	5 12	23 50	3 19	2 1	1 58	3 6	1 29	17 52	1 33	2 41	1 38	11 34	1 29	4 30	0 42	15 35	0 18	8 57	17 29	8 58	9 7	5 16	17 37	5 40
S 28	5 35	26 58	4 14	1 21	1 57	2 37	1 29	17 54	1 31	2 44	1 38	11 31	1 29	4 29	0 42	15 34	0 18	8 58	17 29	8 59	9 6	5 20	17 36	5 41
M29	5 58	28 22	4 52	0 39	1 55	2 7	1 30	17 55	1 29	2 46	1 38	11 29	1 29	4 28	0 42	15 34	0 18	8 58	17 29	8 59	9 4	5 23	17 36	5 41
T 30	6s21	28s 2	5s13	0s 4	1n53	1n38	1n30	17n56	1s26	2s49	1s38	11n27	1n29	4n27	0s42	15n33	0n18	8s59	17s29	8n59	9n 3	5n27	17n35	5s42

Julian Day Number = 2303874.5, Delta T = 94.77 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'52, Lahiri = 18°12'52 Julian Calendar 1 Sept. 1595 == Greg. Calendar 11 Sept. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

OCTOBER 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 15 59	17♎ 6'31	26♉ 5	6♎12	0♎36	26°R 3	26°R34	4♍ 6	12°R49	18♌41	18°R19	23°R 4	23♈12	15♈33	22°R19	W 1
T 2	1 19 56	18° 6'04	8♒42	7°55	1°51	25♉57	26♓27	4°12	12♈46	18°42	18♈17	23♈ 3	23° 9	15°39	22♊18	T 2
F 3	1 23 52	19° 5'40	21° 2	9°38	3° 6	25°49	26°20	4°18	12°44	18°43	18°16	23° 3	23° 5	15°46	22°17	F 3
S 4	1 27 49	20° 5'17	3♓10	11°21	4°21	25°41	26°13	4°24	12°41	18°45	18°15	23° 2	23° 2	15°53	22°16	S 4
S 5	1 31 45	21° 4'56	15° 8	13° 4	5°36	25°32	26° 7	4°30	12°39	18°46	18°14	23° 2	22°59	15°59	22°15	S 5
M 6	1 35 42	22° 4'36	27° 0	14°47	6°51	25°22	26° 0	4°36	12°37	18°47	18°13	23° 2	22°56	16° 6	22°14	M 6
T 7	1 39 38	23° 4'19	8♈49	16°30	8° 6	25°11	25°54	4°42	12°34	18°48	18°12	23°D 2	22°53	16°12	22°12	T 7
W 8	1 43 35	24° 4'03	20°37	18°12	9°21	24°59	25°48	4°48	12°32	18°49	18°10	23°R 2	22°50	16°19	22°11	W 8
T 9	1 47 31	25° 3'50	2♉26	19°54	10°36	24°47	25°42	4°54	12°29	18°51	18° 9	23° 2	22°46	16°26	22°10	T 9
F 10	1 51 28	26° 3'39	14°18	21°35	11°51	24°33	25°36	5° 0	12°27	18°52	18° 8	23° 2	22°43	16°32	22° 8	F 10
S 11	1 55 25	27° 3'29	26°17	23°16	13° 6	24°19	25°30	5° 5	12°25	18°53	18° 7	23° 1	22°40	16°39	22° 7	S 11
S 12	1 59 21	28° 3'22	8♊23	24°57	14°21	24° 4	25°24	5°11	12°22	18°54	18° 6	23° 1	22°37	16°46	22° 5	S 12
M13	2 3 18	29° 3'17	20°40	26°37	15°36	23°49	25°19	5°17	12°20	18°55	18° 5	23° 0	22°34	16°52	22° 4	M13
T 14	2 7 14	0♏ 3'14	3♋10	28°16	16°51	23°33	25°14	5°22	12°18	18°56	18° 4	22°59	22°30	16°59	22° 2	T 14
W15	2 11 11	1° 3'14	15°56	29°55	18° 6	23°16	25° 9	5°27	12°15	18°57	18° 3	22°58	22°27	17° 6	22° 0	W15
T 16	2 15 7	2° 3'15	29° 2	1♏34	19°21	22°58	25° 4	5°33	12°13	18°58	18° 1	22°D58	22°24	17°12	21°58	T 16
F 17	2 19 4	3° 3'19	12♌30	3°12	20°36	22°40	24°59	5°38	12°11	18°59	18° 0	22°58	22°21	17°19	21°56	F 17
S 18	2 23 0	4° 3'24	26°21	4°49	21°52	22°21	24°54	5°43	12° 9	18°59	17°59	22°59	22°18	17°26	21°54	S 18
S 19	2 26 57	5° 3'32	10♍36	6°27	23° 7	22° 1	24°50	5°48	12° 7	19° 0	17°58	23° 0	22°15	17°32	21°52	S 19
M20	2 30 54	6° 3'42	25°13	8° 3	24°22	21°42	24°46	5°53	12° 4	19° 1	17°57	23° 1	22°11	17°39	21°50	M20
T 21	2 34 50	7° 3'54	10♎ 8	9°40	25°37	21°21	24°42	5°58	12° 2	19° 2	17°56	23° 2	22° 8	17°45	21°48	T 21
W22	2 38 47	8° 4'08	25°13	11°16	26°53	21° 1	24°38	6° 3	12° 0	19° 2	17°55	23°R 2	22° 5	17°52	21°45	W22
T 23	2 42 43	9° 4'24	10♏21	12°51	28° 8	20°40	24°34	6° 8	11°58	19° 3	17°54	23° 1	22° 2	17°59	21°43	T 23
F 24	2 46 40	10° 4'42	25°22	14°26	29°23	20°18	24°30	6°13	11°56	19° 4	17°53	23° 0	21°59	18° 5	21°41	F 24
S 25	2 50 36	11° 5'01	10♐ 7	16° 1	0♏38	19°56	24°27	6°17	11°54	19° 4	17°52	22°58	21°56	18°12	21°38	S 25
S 26	2 54 33	12° 5'22	24°30	17°36	1°54	19°35	24°24	6°22	11°52	19° 5	17°51	22°55	21°52	18°19	21°35	S 26
M27	2 58 29	13° 5'45	8♑27	19°10	3° 9	19°13	24°21	6°26	11°50	19° 6	17°50	22°52	21°49	18°25	21°33	M27
T 28	3 2 26	14° 6'09	21°55	20°44	4°25	18°51	24°18	6°31	11°48	19° 6	17°49	22°50	21°46	18°32	21°30	T 28
W29	3 6 23	15° 6'34	4♒57	22°17	5°40	18°29	24°16	6°35	11°46	19° 7	17°48	22°49	21°43	18°39	21°27	W29
T 30	3 10 19	16° 7'00	17°36	23°50	6°55	18° 6	24°14	6°39	11°44	19° 7	17°47	22°D48	21°40	18°45	21°25	T 30
F 31	3 14 16	17♏ 7'28	29♒54	25♏23	8♏11	17♉44	24♓12	6♍43	11♈42	19♌ 8	17♈46	22♈49	21♈36	18♈52	21♊22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s44	26s10	5s17	0s47	1n50	1n 8	1n30	17n57	1s24	2s52	1s38	11n25	1n29	4n26	0s42	15n33	0n18	8s59	17s29	8n59	9n 2	5n30	17n34	5s42
T 2	7 7	23 2	5 6	1 31	1 47	0 38	1 30	17 58	1 22	2 54	1 38	11 23	1 30	4 25	0 42	15 32	0 18	8 59	17 29	8 59	9 1	5 33	17 34	5 43
F 3	7 30	18 57	4 41	2 15	1 43	0 9	1 30	17 59	1 19	2 57	1 38	11 21	1 30	4 24	0 42	15 32	0 18	9 0	17 29	8 59	9 0	5 37	17 33	5 43
S 4	7 52	14 9	4 3	2 59	1 39	0s21	1 30	17 59	1 17	3 0	1 37	11 19	1 30	4 23	0 42	15 32	0 18	9 0	17 29	8 59	8 59	5 40	17 33	5 44
S 5	8 15	8 52	3 15	3 43	1 34	0 51	1 30	17 59	1 14	3 2	1 37	11 17	1 30	4 22	0 42	15 31	0 18	9 1	17 29	8 58	8 57	5 43	17 32	5 44
M 6	8 37	3 20	2 20	4 28	1 30	1 21	1 30	17 59	1 11	3 5	1 37	11 15	1 30	4 21	0 42	15 31	0 18	9 1	17 29	8 58	8 56	5 47	17 32	5 45
T 7	8 59	2n18	1 18	5 12	1 24	1 51	1 29	17 59	1 9	3 7	1 37	11 13	1 30	4 20	0 42	15 31	0 18	9 1	17 29	8 58	8 55	5 50	17 31	5 46
W 8	9 21	7 52	0 13	5 56	1 19	2 21	1 29	17 59	1 6	3 9	1 37	11 11	1 31	4 19	0 42	15 30	0 18	9 2	17 29	8 58	8 54	5 53	17 30	5 46
T 9	9 43	13 10	0n52	6 40	1 13	2 51	1 29	17 59	1 3	3 11	1 37	11 9	1 31	4 18	0 42	15 30	0 18	9 2	17 29	8 58	8 53	5 57	17 30	5 47
F 10	10 5	18 0	1 56	7 23	1 7	3 20	1 28	17 58	1 1	3 14	1 36	11 7	1 31	4 18	0 42	15 30	0 18	9 3	17 29	8 58	8 51	6 0	17 29	5 47
S 11	10 27	22 11	2 55	8 7	1 1	3 50	1 28	17 58	0 58	3 16	1 36	11 5	1 31	4 17	0 42	15 29	0 18	9 3	17 29	8 58	8 50	6 4	17 29	5 48
S 12	10 48	25 29	3 46	8 49	0 55	4 20	1 27	17 57	0 55	3 18	1 36	11 3	1 31	4 16	0 42	15 29	0 18	9 3	17 29	8 58	8 49	6 7	17 28	5 48
M13	11 10	27 38	4 28	9 32	0 49	4 50	1 26	17 56	0 52	3 20	1 36	11 1	1 32	4 15	0 42	15 29	0 18	9 4	17 29	8 58	8 48	6 10	17 27	5 49
T 14	11 31	28 26	4 59	10 13	0 42	5 19	1 26	17 55	0 49	3 22	1 36	10 59	1 32	4 14	0 42	15 28	0 18	9 4	17 29	8 57	8 47	6 14	17 27	5 49
W15	11 52	27 45	5 15	10 55	0 36	5 48	1 25	17 53	0 46	3 24	1 35	10 57	1 32	4 13	0 41	15 28	0 18	9 4	17 29	8 57	8 46	6 17	17 26	5 50
T 16	12 13	25 33	5 16	11 35	0 29	6 18	1 24	17 52	0 43	3 25	1 35	10 56	1 32	4 12	0 41	15 28	0 18	9 5	17 29	8 57	8 44	6 20	17 26	5 50
F 17	12 34	21 52	4 59	12 15	0 23	6 47	1 23	17 50	0 40	3 27	1 35	10 54	1 32	4 11	0 41	15 28	0 18	9 5	17 28	8 57	8 43	6 24	17 25	5 51
S 18	12 54	16 55	4 25	12 55	0 16	7 16	1 22	17 49	0 37	3 29	1 35	10 52	1 33	4 11	0 41	15 27	0 18	9 5	17 28	8 57	8 42	6 27	17 24	5 51
S 19	13 14	10 55	3 34	13 33	0 9	7 45	1 21	17 47	0 33	3 30	1 35	10 50	1 33	4 10	0 41	15 27	0 18	9 5	17 28	8 58	8 41	6 30	17 24	5 51
M20	13 34	4 10	2 28	14 11	0 3	8 14	1 20	17 45	0 30	3 32	1 34	10 49	1 33	4 9	0 41	15 27	0 18	9 6	17 28	8 58	8 40	6 34	17 23	5 52
T 21	13 54	2s56	1 11	14 48	0s 4	8 42	1 19	17 42	0 27	3 33	1 34	10 47	1 33	4 8	0 41	15 27	0 18	9 6	17 28	8 58	8 38	6 37	17 23	5 52
W22	14 14	9 58	0s12	15 25	0 11	9 11	1 17	17 40	0 24	3 34	1 34	10 46	1 33	4 7	0 41	15 26	0 18	9 6	17 28	8 58	8 37	6 41	17 22	5 53
T 23	14 33	16 27	1 35	16 1	0 18	9 39	1 16	17 38	0 21	3 36	1 34	10 44	1 34	4 6	0 41	15 26	0 18	9 7	17 28	8 58	8 36	6 44	17 21	5 53
F 24	14 52	21 54	2 50	16 36	0 24	10 7	1 15	17 35	0 17	3 37	1 33	10 42	1 34	4 6	0 41	15 26	0 19	9 7	17 28	8 58	8 35	6 47	17 21	5 54
S 25	15 11	25 51	3 52	17 10	0 31	10 35	1 13	17 32	0 14	3 38	1 33	10 41	1 34	4 5	0 41	15 26	0 19	9 7	17 27	8 57	8 34	6 51	17 20	5 54
S 26	15 30	28 0	4 38	17 43	0 37	11 2	1 12	17 30	0 11	3 39	1 33	10 39	1 34	4 4	0 41	15 26	0 19	9 7	17 27	8 56	8 32	6 54	17 20	5 55
M27	15 48	28 19	5 6	18 15	0 44	11 29	1 11	17 27	0 8	3 40	1 33	10 38	1 34	4 3	0 41	15 26	0 19	9 8	17 27	8 55	8 31	6 57	17 19	5 55
T 28	16 6	26 54	5 16	18 47	0 50	11 56	1 9	17 24	0 4	3 41	1 32	10 37	1 35	4 3	0 41	15 25	0 19	9 8	17 27	8 54	8 30	7 1	17 18	5 55
W29	16 24	24 3	5 9	19 17	0 56	12 23	1 7	17 21	0 1	3 41	1 32	10 35	1 35	4 2	0 41	15 25	0 19	9 8	17 27	8 53	8 29	7 4	17 18	5 56
T 30	16 42	20 8	4 47	19 47	1 2	12 49	1 6	17 18	0n 2	3 42	1 32	10 34	1 35	4 1	0 41	15 25	0 19	9 8	17 27	8 53	8 28	7 7	17 17	5 56
F 31	16s59	15s27	4s12	20s16	1s 8	13s15	1n 4	17n15	0n 5	3s43	1s32	10n33	1n35	4n 0	0s41	15n25	0n19	9s 8	17s26	8n54	8n27	7n11	17n17	5s57

Julian Day Number = 2303904.5, Delta T = 94.65 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°05'56, Lahiri = 18°12'56 Julian Calendar 1 Oct. 1595 == Greg. Calendar 11 Oct. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

NOVEMBER 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 18 12	18♏ 7'58	11♓58	26♏56	9♏26	17°R23	24°R10	6♍47	11°R40	19♌ 8	17°R45	22♈50	21♈33	18♈59	21°R19	S 1
S 2	3 22 9	19° 8'28	23°52	28°28	10°41	17♉ 1	24♓ 8	6°51	11♈39	19° 8	17♈44	22°52	21°30	19° 5	21♊16	S 2
M 3	3 26 5	20° 9'00	5♈40	0♐ 1	11°57	16°39	24° 6	6°55	11°37	19° 9	17°43	22°54	21°27	19°12	21°13	M 3
T 4	3 30 2	21° 9'33	17°27	1°33	13°12	16°18	24° 5	6°59	11°35	19° 9	17°42	22°R55	21°24	19°18	21°10	T 4
W 5	3 33 58	22°10'08	29°16	3° 4	14°28	15°57	24° 4	7° 2	11°33	19° 9	17°41	22°55	21°21	19°25	21° 7	W 5
T 6	3 37 55	23°10'44	11♉10	4°36	15°43	15°37	24° 3	7° 6	11°32	19° 9	17°40	22°53	21°17	19°32	21° 3	T 6
F 7	3 41 52	24°11'21	23°11	6° 7	16°59	15°16	24° 3	7° 9	11°30	19°10	17°39	22°50	21°14	19°38	21° 0	F 7
S 8	3 45 48	25°12'00	5♊21	7°38	18°14	14°57	24° 2	7°13	11°29	19°10	17°38	22°46	21°11	19°45	20°57	S 8
S 9	3 49 45	26°12'40	17°42	9° 9	19°29	14°37	24° 2	7°16	11°27	19°10	17°37	22°40	21° 8	19°52	20°54	S 9
M10	3 53 41	27°13'22	0♋13	10°39	20°45	14°19	24°D 2	7°19	11°26	19°10	17°37	22°34	21° 5	19°58	20°50	M10
T 11	3 57 38	28°14'05	12°57	12° 9	22° 0	14° 0	24° 2	7°22	11°24	19°10	17°36	22°27	21° 2	20° 5	20°47	T 11
W12	4 1 34	29°14'50	25°54	13°39	23°16	13°43	24° 2	7°25	11°23	19°R10	17°35	22°22	20°58	20°12	20°43	W12
T 13	4 5 31	0♐15'37	9♌ 5	15° 9	24°31	13°26	24° 3	7°28	11°21	19°10	17°34	22°18	20°55	20°18	20°40	T 13
F 14	4 9 27	1°16'24	22°31	16°38	25°47	13° 9	24° 4	7°31	11°20	19°10	17°33	22°16	20°52	20°25	20°36	F 14
S 15	4 13 24	2°17'14	6♍14	18° 7	27° 2	12°54	24° 5	7°34	11°19	19°10	17°33	22°D16	20°49	20°32	20°33	S 15
S 16	4 17 21	3°18'04	20°13	19°35	28°18	12°39	24° 6	7°36	11°18	19°10	17°32	22°17	20°46	20°38	20°29	S 16
M17	4 21 17	4°18'57	4♎30	21° 3	29°33	12°24	24° 7	7°39	11°16	19°10	17°31	22°18	20°42	20°45	20°25	M17
T 18	4 25 14	5°19'50	19° 2	22°30	0♐49	12°11	24° 9	7°41	11°15	19° 9	17°30	22°R19	20°39	20°52	20°22	T 18
W19	4 29 10	6°20'45	3♏45	23°56	2° 4	11°58	24°11	7°43	11°14	19° 9	17°30	22°19	20°36	20°58	20°18	W19
T 20	4 33 7	7°21'41	18°35	25°21	3°20	11°46	24°13	7°45	11°13	19° 9	17°29	22°16	20°33	21° 5	20°14	T 20
F 21	4 37 3	8°22'39	3♐23	26°46	4°35	11°35	24°15	7°47	11°12	19° 9	17°28	22°11	20°30	21°11	20°11	F 21
S 22	4 41 0	9°23'37	18° 2	28° 9	5°51	11°24	24°18	7°49	11°11	19° 8	17°28	22° 5	20°27	21°18	20° 7	S 22
S 23	4 44 56	10°24'37	2♑24	29°30	7° 6	11°15	24°20	7°51	11°10	19° 8	17°27	21°57	20°23	21°25	20° 3	S 23
M24	4 48 53	11°25'37	16°24	0♑50	8°22	11° 6	24°23	7°53	11° 9	19° 8	17°26	21°48	20°20	21°31	19°59	M24
T 25	4 52 50	12°26'38	29°58	2° 9	9°37	10°58	24°26	7°55	11° 8	19° 7	17°26	21°40	20°17	21°38	19°56	T 25
W26	4 56 46	13°27'40	13♒ 6	3°24	10°53	10°51	24°29	7°56	11° 8	19° 7	17°25	21°34	20°14	21°45	19°52	W26
T 27	5 0 43	14°28'42	25°48	4°38	12° 9	10°45	24°33	7°57	11° 7	19° 6	17°25	21°30	20°11	21°51	19°48	T 27
F 28	5 4 39	15°29'45	8♓ 9	5°48	13°24	10°39	24°36	7°59	11° 6	19° 6	17°24	21°28	20° 8	21°58	19°44	F 28
S 29	5 8 36	16°30'48	20°14	6°54	14°40	10°35	24°40	8° 0	11° 6	19° 5	17°24	21°D28	20° 4	22° 5	19°40	S 29
S 30	5 12 32	17♐31'51	2♈ 8	7♑57	15♐55	10♉31	24♓44	8♍ 1	11♈ 5	19♌ 4	17♈23	21♈28	20♈ 1	22♈11	19♊36	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s16	10s16	3s27	20s43	1s14	13s41	1n 2	17n12	0n 8	3s43	1s31	10n31	1n36	4n 0	0s41	15n25	0n19	9s 9	17s26	8n54	8n25	7n14	17n16	5s57
S 2	17 33	4 47	2 33	21 10	1 20	14 6	1 1	17 8	0 12	3 44	1 31	10 30	1 36	3 59	0 41	15 25	0 19	9 9	17 26	8 55	8 24	7 17	17 16	5 57
M 3	17 49	0n50	1 33	21 35	1 25	14 31	0 59	17 5	0 15	3 44	1 31	10 29	1 36	3 58	0 41	15 25	0 19	9 9	17 26	8 55	8 23	7 21	17 15	5 58
T 4	18 5	6 24	0 30	22 0	1 31	14 56	0 57	17 2	0 18	3 44	1 31	10 28	1 36	3 58	0 41	15 25	0 19	9 9	17 26	8 56	8 22	7 24	17 14	5 58
W 5	18 21	11 47	0n35	22 23	1 36	15 20	0 55	16 59	0 21	3 44	1 30	10 26	1 37	3 57	0 41	15 25	0 19	9 9	17 25	8 56	8 21	7 27	17 14	5 59
T 6	18 37	16 46	1 38	22 46	1 41	15 44	0 53	16 56	0 24	3 45	1 30	10 25	1 37	3 57	0 41	15 25	0 19	9 9	17 25	8 55	8 19	7 31	17 13	5 59
F 7	18 52	21 10	2 38	23 7	1 46	16 8	0 51	16 53	0 27	3 45	1 30	10 24	1 37	3 56	0 41	15 25	0 19	9 9	17 25	8 54	8 18	7 34	17 13	5 59
S 8	19 6	24 43	3 31	23 27	1 51	16 31	0 49	16 50	0 30	3 44	1 29	10 23	1 37	3 55	0 41	15 25	0 19	9 10	17 25	8 52	8 17	7 37	17 12	6 0
S 9	19 21	27 10	4 15	23 46	1 55	16 53	0 47	16 47	0 33	3 44	1 29	10 22	1 37	3 55	0 41	15 25	0 19	9 10	17 24	8 50	8 16	7 41	17 12	6 0
M10	19 35	28 18	4 48	24 4	1 59	17 16	0 45	16 44	0 36	3 44	1 29	10 21	1 38	3 54	0 41	15 25	0 19	9 10	17 24	8 48	8 15	7 44	17 11	6 0
T 11	19 49	27 57	5 7	24 20	2 3	17 37	0 43	16 41	0 38	3 44	1 29	10 20	1 38	3 54	0 41	15 25	0 19	9 10	17 24	8 46	8 13	7 47	17 11	6 1
W12	20 2	26 6	5 10	24 35	2 6	17 58	0 41	16 39	0 41	3 43	1 28	10 19	1 38	3 53	0 41	15 25	0 19	9 10	17 24	8 44	8 12	7 51	17 10	6 1
T 13	20 15	22 49	4 58	24 49	2 10	18 19	0 39	16 36	0 44	3 43	1 28	10 19	1 38	3 53	0 41	15 25	0 19	9 10	17 23	8 42	8 11	7 54	17 10	6 1
F 14	20 28	18 16	4 29	25 1	2 13	18 40	0 36	16 34	0 46	3 42	1 28	10 18	1 39	3 52	0 41	15 25	0 19	9 10	17 23	8 41	8 10	7 57	17 9	6 1
S 15	20 40	12 43	3 44	25 12	2 15	18 59	0 34	16 31	0 49	3 42	1 27	10 17	1 39	3 52	0 41	15 25	0 19	9 10	17 23	8 41	8 9	8 1	17 9	6 2
S 16	20 52	6 25	2 45	25 22	2 17	19 18	0 32	16 29	0 51	3 41	1 27	10 16	1 39	3 51	0 41	15 25	0 19	9 10	17 23	8 42	8 7	8 4	17 8	6 2
M17	21 3	0s20	1 35	25 30	2 19	19 37	0 30	16 27	0 54	3 40	1 27	10 16	1 39	3 51	0 41	15 25	0 19	9 10	17 22	8 42	8 6	8 7	17 8	6 2
T 18	21 14	7 12	0 18	25 37	2 21	19 55	0 27	16 25	0 56	3 39	1 27	10 15	1 40	3 50	0 41	15 25	0 19	9 10	17 22	8 43	8 5	8 11	17 7	6 2
W19	21 25	13 46	1s 2	25 43	2 22	20 13	0 25	16 23	0 59	3 38	1 26	10 14	1 40	3 50	0 41	15 25	0 19	9 10	17 22	8 42	8 4	8 14	17 7	6 3
T 20	21 35	19 36	2 17	25 47	2 22	20 30	0 23	16 22	1 1	3 37	1 26	10 14	1 40	3 50	0 41	15 25	0 19	9 10	17 22	8 41	8 3	8 17	17 6	6 3
F 21	21 45	24 12	3 23	25 49	2 22	20 46	0 20	16 20	1 3	3 36	1 26	10 13	1 40	3 49	0 40	15 25	0 19	9 10	17 21	8 40	8 1	8 21	17 6	6 3
S 22	21 55	27 12	4 15	25 50	2 21	21 2	0 18	16 19	1 5	3 35	1 25	10 13	1 41	3 49	0 40	15 25	0 19	9 10	17 21	8 37	8 0	8 24	17 5	6 3
S 23	22 4	28 18	4 50	25 50	2 20	21 17	0 16	16 18	1 7	3 33	1 25	10 12	1 41	3 49	0 40	15 25	0 19	9 10	17 21	8 34	7 59	8 27	17 5	6 4
M24	22 12	27 33	5 6	25 48	2 18	21 32	0 13	16 17	1 9	3 32	1 25	10 12	1 41	3 48	0 40	15 26	0 19	9 10	17 20	8 31	7 58	8 31	17 4	6 4
T 25	22 20	25 9	5 4	25 44	2 16	21 46	0 11	16 17	1 11	3 31	1 25	10 11	1 41	3 48	0 40	15 26	0 19	9 10	17 20	8 28	7 57	8 34	17 4	6 4
W26	22 28	21 29	4 46	25 39	2 12	21 59	0 9	16 16	1 13	3 29	1 24	10 11	1 42	3 48	0 40	15 26	0 19	9 10	17 20	8 26	7 55	8 37	17 3	6 4
T 27	22 35	16 56	4 14	25 33	2 8	22 12	0 6	16 16	1 15	3 27	1 24	10 11	1 42	3 47	0 40	15 26	0 19	9 10	17 19	8 24	7 54	8 40	17 3	6 4
F 28	22 42	11 48	3 31	25 25	2 3	22 24	0 4	16 16	1 17	3 26	1 24	10 11	1 42	3 47	0 40	15 26	0 19	9 10	17 19	8 23	7 53	8 44	17 2	6 4
S 29	22 49	6 20	2 40	25 16	1 57	22 35	0 1	16 16	1 19	3 24	1 23	10 10	1 43	3 47	0 40	15 26	0 19	9 9	17 19	8 23	7 52	8 47	17 2	6 5
S 30	22s54	0s43	1s42	25s 6	1s50	22s46	0s 1	16n17	1n20	3s22	1s23	10n10	1n43	3n47	0s40	15n27	0n19	9s 9	17s18	8n23	7n51	8n50	17n 2	6s 5

Julian Day Number = 2303935.5, Delta T = 94.53 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'00, Lahiri = 18°13'01 Julian Calendar 1 Nov. 1595 == Greg. Calendar 11 Nov. 1595

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ASTRODIENST EPHEMERIS for the year 1595
geocentric

DECEMBER 1595 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 16 29	18♐32'55	13♈55	8♑55	17♐11	10°R28	24♓48	8♍ 2	11°R 5	19°R 4	17°R23	21♈29	19♈58	22♈18	19°R32	M 1
T 2	5 20 25	19°33'59	25°42	9°47	18°26	10♉26	24°53	8° 3	11♈ 4	19♎ 3	17♈22	21°R30	19°55	22°25	19♊29	T 2
W 3	5 24 22	20°35'04	7♉34	10°34	19°42	10°24	24°57	8° 4	11° 4	19° 2	17°22	21°28	19°52	22°31	19°25	W 3
T 4	5 28 19	21°36'09	19°33	11°13	20°57	10°D24	25° 2	8° 4	11° 3	19° 2	17°21	21°24	19°48	22°38	19°21	T 4
F 5	5 32 15	22°37'15	1♊44	11°45	22°13	10°24	25° 7	8° 5	11° 3	19° 1	17°21	21°17	19°45	22°45	19°17	F 5
S 6	5 36 12	23°38'21	14° 7	12° 7	23°28	10°25	25°12	8° 5	11° 3	19° 0	17°21	21° 8	19°42	22°51	19°13	S 6
S 7	5 40 8	24°39'27	26°45	12°21	24°44	10°27	25°18	8° 5	11° 2	18°59	17°20	20°57	19°39	22°58	19° 9	S 7
M 8	5 44 5	25°40'34	9♋38	12°R23	25°59	10°29	25°23	8° 6	11° 2	18°59	17°20	20°45	19°36	23° 4	19° 5	M 8
T 9	5 48 1	26°41'42	22°43	12°15	27°15	10°33	25°29	8°R 6	11° 2	18°58	17°20	20°33	19°33	23°11	19° 1	T 9
W10	5 51 58	27°42'50	6♌ 0	11°55	28°30	10°37	25°35	8° 6	11° 2	18°57	17°19	20°23	19°29	23°18	18°58	W10
T 11	5 55 55	28°43'58	19°29	11°23	29°46	10°42	25°41	8° 5	11°D 2	18°56	17°19	20°15	19°26	23°24	18°54	T 11
F 12	5 59 51	29°45'07	3♍ 6	10°39	1♑ 1	10°47	25°47	8° 5	11° 2	18°55	17°19	20° 9	19°23	23°31	18°50	F 12
S 13	6 3 48	0♑46'16	16°53	9°45	2°17	10°53	25°53	8° 5	11° 2	18°54	17°19	20° 6	19°20	23°38	18°46	S 13
S 14	6 7 44	1°47'26	0♎48	8°41	3°32	11° 0	26° 0	8° 4	11° 2	18°53	17°18	20°D 5	19°17	23°44	18°43	S 14
M15	6 11 41	2°48'36	14°52	7°28	4°48	11° 8	26° 7	8° 4	11° 3	18°52	17°18	20°R 6	19°14	23°51	18°39	M15
T 16	6 15 37	3°49'46	29° 3	6°11	6° 3	11°16	26°13	8° 3	11° 3	18°51	17°18	20° 5	19°10	23°58	18°35	T 16
W17	6 19 34	4°50'58	13♏22	4°50	7°19	11°25	26°20	8° 2	11° 3	18°50	17°18	20° 4	19° 7	24° 4	18°31	W17
T 18	6 23 30	5°52'09	27°45	3°28	8°34	11°34	26°28	8° 1	11° 3	18°49	17°18	19°59	19° 4	24°11	18°28	T 18
F 19	6 27 27	6°53'21	12♐ 7	2° 9	9°50	11°44	26°35	8° 0	11° 4	18°48	17°18	19°52	19° 1	24°18	18°24	F 19
S 20	6 31 24	7°54'33	26°24	0°54	11° 5	11°55	26°43	7°59	11° 4	18°46	17°18	19°41	18°58	24°24	18°20	S 20
S 21	6 35 20	8°55'44	10♑30	29♐46	12°21	12° 7	26°50	7°58	11° 5	18°45	17°18	19°29	18°54	24°31	18°17	S 21
M22	6 39 17	9°56'56	24°18	28°46	13°36	12°19	26°58	7°57	11° 5	18°44	17°D18	19°16	18°51	24°37	18°13	M22
T 23	6 43 13	10°58'08	7♒47	27°56	14°52	12°31	27° 6	7°55	11° 6	18°43	17°18	19° 4	18°48	24°44	18°10	T 23
W24	6 47 10	11°59'19	20°52	27°15	16° 7	12°44	27°14	7°53	11° 7	18°42	17°18	18°53	18°45	24°51	18° 6	W24
T 25	6 51 6	13° 0'29	3♓35	26°44	17°22	12°58	27°22	7°52	11° 7	18°40	17°18	18°45	18°42	24°57	18° 3	T 25
F 26	6 55 3	14° 1'39	15°58	26°23	18°38	13°12	27°31	7°50	11° 8	18°39	17°18	18°40	18°39	25° 4	18° 0	F 26
S 27	6 58 59	15° 2'49	28° 4	26°11	19°53	13°27	27°39	7°48	11° 9	18°38	17°18	18°37	18°35	25°11	17°56	S 27
S 28	7 2 56	16° 3'58	9♈59	26°D 9	21° 9	13°42	27°48	7°46	11°10	18°36	17°18	18°36	18°32	25°17	17°53	S 28
M29	7 6 53	17° 5'06	21°47	26°15	22°24	13°58	27°57	7°44	11°11	18°35	17°18	18°36	18°29	25°24	17°50	M29
T 30	7 10 49	18° 6'14	3♉35	26°29	23°40	14°14	28° 6	7°42	11°12	18°34	17°18	18°36	18°26	25°31	17°47	T 30
W31	7 14 46	19♑ 7'21	15♉28	26♐50	24♑55	14♉31	28♓15	7♍40	11♈13	18♎32	17♈18	18♈34	18♈23	25♈37	17♊43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23s 0	4n53	0s41	24s54	1s43	22s56	0s 3	16n17	1n22	3s20	1s23	10n10	1n43	3n47	0s40	15n27	0n19	9s 9	17s18	8n24	7n49	8n54	17n 1	6s 5	M 1
T 2	23 5	10 18	0n23	24 41	1 33	23 5	0 6	16 18	1 23	3 18	1 23	10 10	1 43	3 46	0 40	15 27	0 19	9 9	17 18	8 24	7 48	8 57	17 1	6 5	T 2
W 3	23 10	15 24	1 25	24 27	1 23	23 14	0 8	16 19	1 25	3 16	1 22	10 10	1 44	3 46	0 40	15 27	0 19	9 9	17 17	8 23	7 47	9 0	17 0	6 5	W 3
T 4	23 14	19 58	2 24	24 13	1 12	23 22	0 11	16 20	1 26	3 14	1 22	10 10	1 44	3 46	0 40	15 28	0 19	9 9	17 17	8 22	7 46	9 4	17 0	6 5	T 4
F 5	23 17	23 47	3 18	23 57	0 59	23 29	0 13	16 22	1 28	3 12	1 22	10 10	1 44	3 46	0 40	15 28	0 19	9 9	17 17	8 19	7 45	9 7	17 0	6 5	F 5
S 6	23 20	26 34	4 3	23 41	0 45	23 35	0 15	16 23	1 29	3 9	1 22	10 10	1 44	3 46	0 40	15 28	0 19	9 8	17 16	8 16	7 43	9 10	16 59	6 5	S 6
S 7	23 23	28 4	4 36	23 25	0 30	23 41	0 18	16 25	1 30	3 7	1 21	10 10	1 45	3 46	0 40	15 28	0 19	9 8	17 16	8 12	7 42	9 13	16 59	6 5	S 7
M 8	23 25	28 5	4 57	23 8	0 14	23 46	0 20	16 27	1 31	3 5	1 21	10 10	1 45	3 46	0 40	15 29	0 19	9 8	17 16	8 7	7 41	9 17	16 58	6 5	M 8
T 9	23 27	26 32	5 2	22 52	0n 4	23 50	0 22	16 29	1 33	3 2	1 21	10 11	1 45	3 46	0 40	15 29	0 19	9 8	17 15	8 3	7 40	9 20	16 58	6 5	T 9
W10	23 28	23 31	4 52	22 35	0 23	23 54	0 25	16 32	1 34	3 0	1 21	10 11	1 45	3 46	0 40	15 29	0 20	9 8	17 15	7 59	7 39	9 23	16 58	6 5	W10
T 11	23 29	19 12	4 25	22 19	0 42	23 57	0 27	16 34	1 35	2 57	1 20	10 11	1 46	3 46	0 40	15 30	0 20	9 7	17 15	7 56	7 37	9 27	16 57	6 5	T 11
F 12	23 30	13 50	3 42	22 3	1 1	23 59	0 29	16 37	1 36	2 54	1 20	10 12	1 46	3 46	0 40	15 30	0 20	9 7	17 14	7 54	7 36	9 30	16 57	6 5	F 12
S 13	23 30	7 45	2 47	21 47	1 21	24 0	0 31	16 40	1 37	2 51	1 20	10 12	1 46	3 46	0 40	15 30	0 20	9 7	17 14	7 53	7 35	9 33	16 57	6 5	S 13
S 14	23 29	1 13	1 41	21 32	1 41	24 0	0 34	16 43	1 38	2 49	1 19	10 12	1 46	3 46	0 40	15 30	0 20	9 7	17 14	7 52	7 34	9 36	16 57	6 5	S 14
M15	23 28	5s26	0 28	21 18	1 59	24 0	0 36	16 46	1 39	2 46	1 19	10 13	1 47	3 46	0 40	15 31	0 20	9 6	17 13	7 52	7 33	9 40	16 56	6 5	M15
T 16	23 26	11 54	0s47	21 5	2 17	23 59	0 38	16 49	1 40	2 43	1 19	10 13	1 47	3 46	0 40	15 31	0 20	9 6	17 13	7 52	7 31	9 43	16 56	6 5	T 16
W17	23 24	17 48	2 0	20 52	2 32	23 58	0 40	16 53	1 41	2 40	1 19	10 14	1 47	3 47	0 40	15 32	0 20	9 6	17 13	7 52	7 30	9 46	16 56	6 5	W17
T 18	23 22	22 42	3 5	20 41	2 46	23 55	0 42	16 57	1 41	2 37	1 18	10 14	1 47	3 47	0 39	15 32	0 20	9 6	17 12	7 50	7 29	9 50	16 56	6 5	T 18
F 19	23 19	26 14	3 59	20 32	2 57	23 52	0 44	17 1	1 42	2 33	1 18	10 15	1 48	3 47	0 39	15 32	0 20	9 5	17 12	7 47	7 28	9 53	16 55	6 5	F 19
S 20	23 15	28 3	4 36	20 24	3 5	23 48	0 46	17 5	1 43	2 30	1 18	10 16	1 48	3 47	0 39	15 33	0 20	9 5	17 11	7 43	7 27	9 56	16 55	6 5	S 20
S 21	23 12	28 1	4 57	20 18	3 12	23 43	0 48	17 9	1 44	2 27	1 18	10 16	1 48	3 47	0 39	15 33	0 20	9 5	17 11	7 38	7 25	9 59	16 55	6 5	S 21
M22	23 7	26 13	4 59	20 14	3 15	23 38	0 50	17 13	1 44	2 24	1 17	10 17	1 48	3 48	0 39	15 33	0 20	9 4	17 11	7 34	7 24	10 3	16 55	6 5	M22
T 23	23 2	22 57	4 45	20 12	3 17	23 32	0 52	17 18	1 45	2 20	1 17	10 18	1 49	3 48	0 39	15 34	0 20	9 4	17 10	7 29	7 23	10 6	16 54	6 5	T 23
W24	22 57	18 36	4 16	20 12	3 16	23 25	0 54	17 22	1 45	2 17	1 17	10 19	1 49	3 48	0 39	15 34	0 20	9 4	17 10	7 25	7 22	10 9	16 54	6 5	W24
T 25	22 51	13 32	3 34	20 13	3 14	23 17	0 56	17 27	1 46	2 13	1 17	10 20	1 49	3 49	0 39	15 35	0 20	9 3	17 10	7 22	7 21	10 12	16 54	6 5	T 25
F 26	22 45	8 3	2 44	20 17	3 10	23 9	0 58	17 32	1 47	2 10	1 17	10 21	1 49	3 49	0 39	15 35	0 20	9 3	17 9	7 20	7 19	10 16	16 54	6 5	F 26
S 27	22 39	2 24	1 46	20 22	3 5	23 0	1 0	17 37	1 47	2 6	1 16	10 21	1 50	3 49	0 39	15 36	0 20	9 2	17 9	7 19	7 18	10 19	16 54	6 4	S 27
S 28	22 31	3n16	0 46	20 28	2 58	22 50	1 2	17 42	1 48	2 2	1 16	10 22	1 50	3 50	0 39	15 36	0 20	9 2	17 9	7 18	7 17	10 22	16 54	6 4	S 28
M29	22 24	8 46	0n17	20 36	2 51	22 40	1 3	17 47	1 48	1 59	1 16	10 23	1 50	3 50	0 39	15 36	0 20	9 2	17 8	7 18	7 16	10 25	16 53	6 4	M29
T 30	22 16	13 58	1 18	20 44	2 43	22 29	1 5	17 52	1 49	1 55	1 16	10 24	1 50	3 50	0 39	15 37	0 20	9 1	17 8	7 18	7 14	10 29	16 53	6 4	T 30
W31	22s 8	18n42	2n17	20s53	2n34	22s17	1s 7	17n58	1n49	1s51	1s15	10n26	1n51	3n51	0s39	15n37	0n20	9s 1	17s 7	7n18	7n13	10n32	16n53	6s 4	W31

Julian Day Number = 2303965.5, Delta T = 94.41 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'04, Lahiri = 18°13'05 Julian Calendar 1 Dec. 1595 == Greg. Calendar 11 Dec. 1595

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

JANUARY 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 18 42	20♑ 8'27	27♉30	27♐17	26♑10	14♉48	28♓24	7°R37	11♈14	18°R31	17♈19	18°R30	18♈20	25♈44	17°R40	T 1
F 2	7 22 39	21° 9'33	9♊47	27°51	27°26	15° 6	28°34	7♍35	11°15	18♌29	17°19	18♈22	18°16	25°51	17♊37	F 2
S 3	7 26 35	22°10'37	22°21	28°30	28°41	15°24	28°43	7°32	11°16	18°28	17°19	18°12	18°13	25°57	17°34	S 3
S 4	7 30 32	23°11'42	5♋14	29°14	29°56	15°43	28°53	7°29	11°17	18°26	17°19	18° 0	18°10	26° 4	17°31	S 4
M 5	7 34 29	24°12'45	18°26	0♑ 2	1♒12	16° 2	29° 3	7°27	11°19	18°25	17°20	17°47	18° 7	26°11	17°29	M 5
T 6	7 38 25	25°13'48	1♌55	0°54	2°27	16°21	29°13	7°24	11°20	18°23	17°20	17°34	18° 4	26°17	17°26	T 6
W 7	7 42 22	26°14'50	15°38	1°50	3°42	16°41	29°23	7°21	11°21	18°22	17°20	17°22	18° 0	26°24	17°23	W 7
T 8	7 46 18	27°15'51	29°32	2°49	4°58	17° 1	29°33	7°18	11°23	18°20	17°21	17°12	17°57	26°30	17°20	T 8
F 9	7 50 15	28°16'52	13♍33	3°50	6°13	17°22	29°43	7°15	11°24	18°19	17°21	17° 6	17°54	26°37	17°18	F 9
S 10	7 54 11	29°17'52	27°38	4°55	7°28	17°43	29°53	7°12	11°26	18°17	17°21	17° 2	17°51	26°44	17°15	S 10
S 11	7 58 8	0♒18'51	11♎44	6° 2	8°44	18° 4	0♈ 4	7° 8	11°27	18°16	17°22	17°D 1	17°48	26°50	17°13	S 11
M12	8 2 4	1°19'50	25°49	7°11	9°59	18°26	0°15	7° 5	11°29	18°14	17°22	17°R 1	17°45	26°57	17°10	M12
T 13	8 6 1	2°20'48	9♏54	8°21	11°14	18°48	0°25	7° 1	11°30	18°12	17°23	17° 1	17°41	27° 4	17° 8	T 13
W14	8 9 58	3°21'46	23°57	9°34	12°29	19°10	0°36	6°58	11°32	18°11	17°23	16°59	17°38	27°10	17° 6	W14
T 15	8 13 54	4°22'43	7♐57	10°49	13°45	19°33	0°47	6°54	11°34	18° 9	17°24	16°55	17°35	27°17	17° 3	T 15
F 16	8 17 51	5°23'39	21°53	12° 5	15° 0	19°56	0°58	6°51	11°36	18° 8	17°24	16°49	17°32	27°24	17° 1	F 16
S 17	8 21 47	6°24'35	5♑42	13°22	16°15	20°19	1° 9	6°47	11°37	18° 6	17°25	16°39	17°29	27°30	16°59	S 17
S 18	8 25 44	7°25'29	19°21	14°41	17°30	20°43	1°20	6°43	11°39	18° 4	17°25	16°28	17°26	27°37	16°57	S 18
M19	8 29 40	8°26'23	2♒47	16° 1	18°46	21° 7	1°32	6°39	11°41	18° 3	17°26	16°15	17°22	27°44	16°55	M19
T 20	8 33 37	9°27'15	15°57	17°23	20° 1	21°31	1°43	6°35	11°43	18° 1	17°27	16° 4	17°19	27°50	16°53	T 20
W21	8 37 33	10°28'06	28°51	18°45	21°16	21°55	1°55	6°31	11°45	17°59	17°27	15°54	17°16	27°57	16°52	W21
T 22	8 41 30	11°28'56	11♓26	20° 9	22°31	22°20	2° 6	6°27	11°47	17°58	17°28	15°46	17°13	28° 4	16°50	T 22
F 23	8 45 27	12°29'45	23°45	21°34	23°46	22°45	2°18	6°23	11°49	17°56	17°29	15°41	17°10	28°10	16°48	F 23
S 24	8 49 23	13°30'31	5♈50	22°59	25° 1	23°11	2°30	6°19	11°51	17°54	17°29	15°38	17° 6	28°17	16°47	S 24
S 25	8 53 20	14°31'17	17°45	24°26	26°16	23°36	2°42	6°14	11°54	17°53	17°30	15°D38	17° 3	28°23	16°45	S 25
M26	8 57 16	15°32'01	29°33	25°54	27°31	24° 2	2°54	6°10	11°56	17°51	17°31	15°38	17° 0	28°30	16°44	M26
T 27	9 1 13	16°32'43	11♉21	27°22	28°47	24°28	3° 6	6° 6	11°58	17°49	17°32	15°R39	16°57	28°37	16°43	T 27
W28	9 5 9	17°33'24	23°14	28°52	0♓ 2	24°55	3°18	6° 1	12° 0	17°48	17°32	15°39	16°54	28°43	16°41	W28
T 29	9 9 6	18°34'03	5♊16	0♒22	1°17	25°21	3°30	5°57	12° 3	17°46	17°33	15°37	16°51	28°50	16°40	T 29
F 30	9 13 2	19°34'40	17°34	1°53	2°32	25°48	3°43	5°52	12° 5	17°44	17°34	15°33	16°47	28°57	16°39	F 30
S 31	9 16 59	20♒35'16	0♋11	3♒26	3♓47	26♉15	3♈55	5♍48	12♈ 7	17♌42	17♈35	15♈27	16♈44	29♈ 3	16♊38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s59	22n44	3n10	21s 3	2n25	22s 5	1s 8	18n 3	1n49	1s47	1s15	10n27	1n51	3n51	0s39	15n38	0n20	9s 0	17s 7	7n16	7n12	10n35	16n53	6s 4
F 2	21 50	25 51	3 56	21 13	2 16	21 52	1 10	18 9	1 50	1 43	1 15	10 28	1 51	3 52	0 39	15 38	0 20	9 0	17 7	7 13	7 11	10 38	16 53	6 3
S 3	21 40	27 47	4 31	21 23	2 6	21 38	1 11	18 15	1 50	1 39	1 15	10 29	1 51	3 52	0 39	15 39	0 20	9 0	17 6	7 9	7 10	10 42	16 53	6 3
S 4	21 30	28 16	4 53	21 33	1 57	21 23	1 12	18 20	1 50	1 35	1 15	10 30	1 52	3 53	0 39	15 39	0 20	8 59	17 6	7 5	7 8	10 45	16 53	6 3
M 5	21 19	27 11	5 0	21 43	1 47	21 8	1 14	18 26	1 51	1 31	1 14	10 31	1 52	3 53	0 39	15 40	0 20	8 59	17 6	7 0	7 7	10 48	16 53	6 3
T 6	21 8	24 30	4 51	21 53	1 37	20 53	1 15	18 32	1 51	1 27	1 14	10 33	1 52	3 54	0 39	15 40	0 20	8 58	17 5	6 54	7 6	10 51	16 53	6 3
W 7	20 57	20 24	4 25	22 2	1 27	20 36	1 16	18 38	1 51	1 23	1 14	10 34	1 52	3 54	0 39	15 41	0 20	8 58	17 5	6 50	7 5	10 55	16 53	6 2
T 8	20 45	15 8	3 43	22 11	1 17	20 19	1 18	18 44	1 52	1 18	1 14	10 35	1 52	3 55	0 39	15 41	0 20	8 57	17 4	6 46	7 4	10 58	16 53	6 2
F 9	20 33	9 3	2 47	22 19	1 7	20 2	1 19	18 50	1 52	1 14	1 14	10 37	1 53	3 56	0 39	15 42	0 20	8 57	17 4	6 44	7 2	11 1	16 53	6 2
S 10	20 21	2 29	1 41	22 26	0 58	19 44	1 20	18 57	1 52	1 10	1 13	10 38	1 53	3 56	0 39	15 42	0 20	8 56	17 4	6 42	7 1	11 4	16 53	6 2
S 11	20 8	4s13	0 28	22 33	0 48	19 25	1 21	19 3	1 52	1 5	1 13	10 40	1 53	3 57	0 39	15 43	0 20	8 56	17 3	6 42	7 0	11 8	16 53	6 1
M12	19 55	10 43	0s47	22 39	0 39	19 6	1 22	19 9	1 52	1 1	1 13	10 41	1 53	3 58	0 39	15 43	0 20	8 55	17 3	6 42	6 59	11 11	16 53	6 1
T 13	19 41	16 41	1 58	22 44	0 30	18 46	1 23	19 15	1 53	0 57	1 13	10 42	1 53	3 58	0 38	15 44	0 20	8 55	17 3	6 42	6 57	11 14	16 53	6 1
W14	19 27	21 45	3 2	22 48	0 20	18 26	1 24	19 22	1 53	0 52	1 13	10 44	1 54	3 59	0 38	15 44	0 20	8 54	17 2	6 41	6 56	11 17	16 53	6 1
T 15	19 13	25 33	3 55	22 52	0 12	18 5	1 24	19 28	1 53	0 48	1 12	10 45	1 54	4 0	0 38	15 45	0 20	8 54	17 2	6 40	6 55	11 20	16 53	6 0
F 16	18 58	27 48	4 34	22 54	0 3	17 44	1 25	19 34	1 53	0 43	1 12	10 47	1 54	4 0	0 38	15 45	0 20	8 53	17 2	6 37	6 54	11 24	16 53	6 0
S 17	18 43	28 18	4 56	22 55	0s 6	17 22	1 26	19 41	1 53	0 38	1 12	10 49	1 54	4 1	0 38	15 46	0 20	8 53	17 1	6 34	6 53	11 27	16 53	6 0
S 18	18 27	27 4	5 2	22 55	0 14	17 0	1 26	19 47	1 53	0 34	1 12	10 50	1 54	4 2	0 38	15 46	0 20	8 52	17 1	6 29	6 51	11 30	16 53	5 59
M19	18 12	24 17	4 50	22 53	0 22	16 37	1 27	19 54	1 53	0 29	1 12	10 52	1 55	4 3	0 38	15 47	0 20	8 52	17 1	6 24	6 50	11 33	16 54	5 59
T 20	17 56	20 16	4 22	22 51	0 30	16 14	1 27	20 0	1 53	0 24	1 11	10 53	1 55	4 3	0 38	15 47	0 20	8 51	17 0	6 20	6 49	11 36	16 54	5 59
W21	17 39	15 22	3 42	22 47	0 37	15 50	1 28	20 7	1 53	0 20	1 11	10 55	1 55	4 4	0 38	15 48	0 20	8 51	17 0	6 16	6 48	11 40	16 54	5 58
T 22	17 23	9 56	2 52	22 43	0 44	15 26	1 28	20 13	1 53	0 15	1 11	10 57	1 55	4 5	0 38	15 48	0 20	8 50	17 0	6 13	6 47	11 43	16 54	5 58
F 23	17 6	4 14	1 54	22 37	0 51	15 1	1 28	20 20	1 53	0 10	1 11	10 59	1 55	4 6	0 38	15 49	0 20	8 50	16 59	6 11	6 45	11 46	16 54	5 58
S 24	16 48	1n32	0 52	22 29	0 58	14 36	1 29	20 26	1 53	0 5	1 11	11 0	1 56	4 7	0 38	15 49	0 20	8 49	16 59	6 10	6 44	11 49	16 54	5 58
S 25	16 31	7 9	0n11	22 21	1 5	14 11	1 29	20 33	1 53	0 0	1 11	11 2	1 56	4 8	0 38	15 50	0 20	8 48	16 59	6 10	6 43	11 52	16 54	5 57
M26	16 13	12 30	1 14	22 11	1 11	13 45	1 29	20 39	1 53	0n 5	1 10	11 4	1 56	4 9	0 38	15 50	0 20	8 48	16 58	6 10	6 42	11 56	16 55	5 57
T 27	15 55	17 23	2 13	21 59	1 17	13 19	1 29	20 46	1 53	0 10	1 10	11 6	1 56	4 10	0 38	15 51	0 20	8 47	16 58	6 10	6 40	11 59	16 55	5 57
W28	15 36	21 39	3 7	21 47	1 23	12 52	1 29	20 52	1 53	0 15	1 10	11 7	1 56	4 10	0 38	15 51	0 20	8 47	16 58	6 10	6 39	12 2	16 55	5 56
T 29	15 18	25 4	3 54	21 33	1 28	12 26	1 29	20 59	1 53	0 20	1 10	11 9	1 56	4 11	0 38	15 52	0 20	8 46	16 57	6 10	6 38	12 5	16 55	5 56
F 30	14 59	27 24	4 31	21 18	1 33	11 59	1 29	21 5	1 53	0 25	1 10	11 11	1 56	4 12	0 38	15 53	0 20	8 46	16 57	6 8	6 37	12 8	16 56	5 55
S 31	14s40	28n25	4n55	21s 1	1s38	11s31	1s28	21n12	1n53	0n30	1s10	11n13	1n57	4n13	0s38	15n53	0n20	8s45	16s57	6n 6	6n36	12n12	16n56	5s55

Julian Day Number = 2303996.5, Delta T = 94.29 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'08, Lahiri = 18°13'09 Julian Calendar 1 Jan. 1596 == Greg. Calendar 11 Jan. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

FEBRUARY 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 20 56	21♒35'49	13♋11	4♒59	5♓ 1	26♉42	4♈ 8	5°R43	12♈10	17°R41	17♈36	15°R19	16♈41	29♈10	16°R37	S 1
M 2	9 24 52	22°36'22	26°33	6°33	6°16	27°10	4°20	5♍39	12°12	17♌39	17°37	15♈10	16°38	29°17	16♊36	M 2
T 3	9 28 49	23°36'52	10♌19	8° 8	7°31	27°37	4°33	5°34	12°15	17°37	17°37	15° 1	16°35	29°23	16°36	T 3
W 4	9 32 45	24°37'21	24°24	9°43	8°46	28° 5	4°46	5°29	12°17	17°36	17°38	14°53	16°32	29°30	16°35	W 4
T 5	9 36 42	25°37'48	8♍44	11°20	10° 1	28°33	4°58	5°25	12°20	17°34	17°39	14°46	16°28	29°37	16°34	T 5
F 6	9 40 38	26°38'14	23°13	12°58	11°16	29° 1	5°11	5°20	12°23	17°32	17°40	14°42	16°25	29°43	16°34	F 6
S 7	9 44 35	27°38'38	7♎44	14°36	12°31	29°30	5°24	5°15	12°25	17°31	17°41	14°D40	16°22	29°50	16°33	S 7
S 8	9 48 31	28°39'00	22°13	16°16	13°45	29°58	5°37	5°10	12°28	17°29	17°42	14°40	16°19	29°57	16°33	S 8
M 9	9 52 28	29°39'22	6♏35	17°57	15° 0	0♊27	5°50	5° 6	12°31	17°27	17°43	14°41	16°16	0♉ 3	16°33	M 9
T 10	9 56 25	0♓39'42	20°48	19°38	16°15	0°56	6° 3	5° 1	12°33	17°26	17°44	14°42	16°12	0°10	16°33	T 10
W11	10 0 21	1°40'00	4♐50	21°21	17°30	1°25	6°16	4°56	12°36	17°24	17°45	14°R43	16° 9	0°17	16°D33	W11
T 12	10 4 18	2°40'17	18°40	23° 4	18°44	1°54	6°30	4°51	12°39	17°23	17°46	14°42	16° 6	0°23	16°33	T 12
F 13	10 8 14	3°40'33	2♑19	24°49	19°59	2°24	6°43	4°47	12°42	17°21	17°47	14°38	16° 3	0°30	16°33	F 13
S 14	10 12 11	4°40'47	15°45	26°34	21°14	2°53	6°56	4°42	12°45	17°19	17°48	14°34	16° 0	0°36	16°33	S 14
S 15	10 16 7	5°41'00	28°59	28°21	22°28	3°23	7°10	4°37	12°47	17°18	17°49	14°27	15°57	0°43	16°33	S 15
M16	10 20 4	6°41'11	12♒ 0	0♓ 8	23°43	3°53	7°23	4°32	12°50	17°16	17°50	14°20	15°53	0°50	16°34	M16
T 17	10 24 0	7°41'20	24°48	1°57	24°57	4°23	7°37	4°27	12°53	17°15	17°52	14°14	15°50	0°56	16°34	T 17
W18	10 27 57	8°41'27	7♓23	3°47	26°12	4°53	7°50	4°22	12°56	17°13	17°53	14° 8	15°47	1° 3	16°35	W18
T 19	10 31 54	9°41'32	19°44	5°38	27°26	5°24	8° 4	4°18	12°59	17°12	17°54	14° 4	15°44	1°10	16°35	T 19
F 20	10 35 50	10°41'36	1♈54	7°30	28°41	5°54	8°18	4°13	13° 2	17°10	17°55	14° 1	15°41	1°16	16°36	F 20
S 21	10 39 47	11°41'37	13°54	9°23	29°55	6°25	8°31	4° 8	13° 5	17° 9	17°56	14°D 1	15°38	1°23	16°37	S 21
S 22	10 43 43	12°41'37	25°46	11°17	1♈10	6°55	8°45	4° 3	13° 8	17° 7	17°57	14° 1	15°34	1°30	16°37	S 22
M23	10 47 40	13°41'34	7♉34	13°12	2°24	7°26	8°59	3°59	13°11	17° 6	17°59	14° 3	15°31	1°36	16°38	M23
T 24	10 51 36	14°41'29	19°21	15° 7	3°39	7°57	9°13	3°54	13°15	17° 4	18° 0	14° 5	15°28	1°43	16°39	T 24
W25	10 55 33	15°41'22	1♊13	17° 4	4°53	8°28	9°27	3°49	13°18	17° 3	18° 1	14° 6	15°25	1°50	16°40	W25
T 26	10 59 29	16°41'13	13°15	19° 2	6° 7	9° 0	9°40	3°45	13°21	17° 1	18° 2	14°R 7	15°22	1°56	16°42	T 26
F 27	11 3 26	17°41'02	25°30	21° 0	7°21	9°31	9°54	3°40	13°24	17° 0	18° 3	14° 7	15°18	2° 3	16°43	F 27
S 28	11 7 23	18°40'48	8♋ 5	22°59	8°36	10° 2	10° 8	3°35	13°27	16°58	18° 5	14° 5	15°15	2°10	16°44	S 28
S 29	11 11 19	19♓40'32	21♋ 3	24♓58	9♈50	10♊34	10♈22	3♍31	13♈30	16♌57	18♈ 6	14♈ 3	15♈12	2♉16	16♊46	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s20	27n55	5n 6	20s43	1s42	11s 3	1s28	21n18	1n53	0n35	1s10	11n15	1n57	4n14	0s38	15n54	0n20	8s44	16s56	6n 3	6n34	12n15	16n56	5s55
M 2	14 1	25 48	5 0	20 24	1 46	10 35	1 28	21 24	1 53	0 40	1 9	11 16	1 57	4 15	0 38	15 54	0 20	8 44	16 56	5 59	6 33	12 18	16 56	5 54
T 3	13 41	22 8	4 37	20 3	1 50	10 7	1 27	21 31	1 53	0 45	1 9	11 18	1 57	4 16	0 38	15 55	0 20	8 43	16 56	5 56	6 32	12 21	16 57	5 54
W 4	13 21	17 8	3 57	19 41	1 53	9 38	1 27	21 37	1 53	0 50	1 9	11 20	1 57	4 17	0 38	15 55	0 20	8 43	16 56	5 53	6 31	12 24	16 57	5 54
T 5	13 0	11 7	3 1	19 17	1 57	9 10	1 26	21 43	1 53	0 56	1 9	11 22	1 57	4 18	0 38	15 56	0 20	8 42	16 55	5 50	6 29	12 27	16 57	5 53
F 6	12 40	4 26	1 53	18 52	1 59	8 41	1 26	21 49	1 53	1 1	1 9	11 24	1 57	4 19	0 38	15 56	0 20	8 41	16 55	5 48	6 28	12 31	16 58	5 53
S 7	12 19	2s30	0 37	18 26	2 2	8 11	1 25	21 55	1 53	1 6	1 9	11 26	1 57	4 20	0 38	15 57	0 20	8 41	16 55	5 48	6 27	12 34	16 58	5 53
S 8	11 58	9 18	0s41	17 58	2 4	7 42	1 24	22 2	1 53	1 11	1 9	11 27	1 58	4 21	0 38	15 57	0 20	8 40	16 54	5 48	6 26	12 37	16 58	5 52
M 9	11 37	15 34	1 56	17 28	2 5	7 12	1 23	22 8	1 53	1 17	1 8	11 29	1 58	4 23	0 38	15 58	0 20	8 40	16 54	5 48	6 25	12 40	16 59	5 52
T 10	11 16	20 56	3 3	16 58	2 6	6 42	1 22	22 14	1 52	1 22	1 8	11 31	1 58	4 24	0 38	15 58	0 20	8 39	16 54	5 49	6 23	12 43	16 59	5 51
W11	10 54	25 3	3 58	16 26	2 7	6 12	1 21	22 19	1 52	1 27	1 8	11 33	1 58	4 25	0 38	15 59	0 20	8 38	16 54	5 49	6 22	12 46	16 59	5 51
T 12	10 33	27 38	4 39	15 52	2 8	5 42	1 20	22 25	1 52	1 33	1 8	11 35	1 58	4 26	0 38	15 59	0 20	8 38	16 53	5 48	6 21	12 49	17 0	5 51
F 13	10 11	28 31	5 3	15 17	2 7	5 11	1 19	22 31	1 52	1 38	1 8	11 37	1 58	4 27	0 38	16 0	0 20	8 37	16 53	5 47	6 20	12 53	17 0	5 50
S 14	9 49	27 41	5 10	14 41	2 7	4 41	1 18	22 37	1 52	1 43	1 8	11 39	1 58	4 28	0 38	16 0	0 20	8 36	16 53	5 45	6 18	12 56	17 1	5 50
S 15	9 27	25 18	5 0	14 3	2 6	4 10	1 17	22 42	1 52	1 49	1 8	11 40	1 58	4 29	0 38	16 1	0 21	8 36	16 53	5 43	6 17	12 59	17 1	5 49
M16	9 5	21 38	4 35	13 23	2 5	3 39	1 16	22 48	1 52	1 54	1 8	11 42	1 58	4 30	0 37	16 1	0 21	8 35	16 52	5 40	6 16	13 2	17 1	5 49
T 17	8 42	16 59	3 56	12 43	2 3	3 9	1 14	22 54	1 51	2 0	1 8	11 44	1 58	4 32	0 37	16 2	0 21	8 35	16 52	5 37	6 15	13 5	17 2	5 49
W18	8 20	11 42	3 7	12 1	2 0	2 38	1 13	22 59	1 51	2 5	1 7	11 46	1 58	4 33	0 37	16 2	0 21	8 34	16 52	5 35	6 14	13 8	17 2	5 48
T 19	7 57	6 3	2 9	11 17	1 57	2 7	1 11	23 4	1 51	2 11	1 7	11 48	1 58	4 34	0 37	16 3	0 21	8 33	16 52	5 34	6 12	13 11	17 3	5 48
F 20	7 34	0 15	1 6	10 32	1 54	1 36	1 10	23 10	1 51	2 16	1 7	11 49	1 58	4 35	0 37	16 3	0 21	8 33	16 51	5 33	6 11	13 15	17 3	5 48
S 21	7 12	5n29	0 1	9 46	1 50	1 4	1 8	23 15	1 51	2 22	1 7	11 51	1 59	4 36	0 37	16 4	0 21	8 32	16 51	5 32	6 10	13 18	17 4	5 47
S 22	6 49	10 58	1n 4	8 59	1 45	0 33	1 7	23 20	1 51	2 27	1 7	11 53	1 59	4 38	0 37	16 4	0 21	8 31	16 51	5 33	6 9	13 21	17 4	5 47
M23	6 26	16 3	2 6	8 10	1 40	0 2	1 5	23 25	1 50	2 33	1 7	11 55	1 59	4 39	0 37	16 4	0 21	8 31	16 51	5 33	6 7	13 24	17 5	5 46
T 24	6 3	20 31	3 2	7 20	1 35	0n29	1 3	23 30	1 50	2 38	1 7	11 57	1 59	4 40	0 37	16 5	0 21	8 30	16 51	5 34	6 6	13 27	17 5	5 46
W25	5 39	24 13	3 51	6 29	1 29	1 0	1 1	23 35	1 50	2 44	1 7	11 58	1 59	4 41	0 37	16 5	0 21	8 30	16 50	5 35	6 5	13 30	17 6	5 46
T 26	5 16	26 55	4 30	5 36	1 22	1 32	1 0	23 39	1 50	2 49	1 7	12 0	1 59	4 42	0 37	16 6	0 21	8 29	16 50	5 35	6 4	13 33	17 6	5 45
F 27	4 53	28 23	4 58	4 43	1 15	2 3	0 58	23 44	1 50	2 55	1 7	12 2	1 59	4 44	0 37	16 6	0 21	8 28	16 50	5 35	6 2	13 36	17 7	5 45
S 28	4 29	28 27	5 13	3 49	1 7	2 34	0 56	23 49	1 49	3 0	1 6	12 3	1 59	4 45	0 37	16 7	0 21	8 28	16 50	5 34	6 1	13 39	17 7	5 44
S 29	4s 6	26n59	5n12	2s54	0s58	3n 5	0s54	23n53	1n49	3n 6	1s 6	12n 5	1n59	4n46	0s37	16n 7	0n21	8s27	16s50	5n33	6n 0	13n43	17n 8	5s44

Julian Day Number = 2304027.5, Delta T = 94.17 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'13, Lahiri = 18°13'13 Julian Calendar 1 Feb. 1596 == Greg. Calendar 11 Feb. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

MARCH 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 15 16	20♓40'14	4♌26	26♓58	11♈ 4	11♊ 6	10♈36	3°R26	13♈34	16°R56	18♈ 7	14°R 0	15♈ 9	2♉23	16♊47	M 1
T 2	11 19 12	21°39'54	18°15	28°57	12°18	11°37	10°51	3♍22	13°37	16♌54	18° 8	13♈57	15° 6	2°30	16°49	T 2
W 3	11 23 9	22°39'31	2♍29	0♈56	13°32	12° 9	11° 5	3°18	13°40	16°53	18°10	13°53	15° 3	2°36	16°50	W 3
T 4	11 27 5	23°39'06	17° 4	2°55	14°46	12°41	11°19	3°13	13°43	16°52	18°11	13°51	14°59	2°43	16°52	T 4
F 5	11 31 2	24°38'39	1♎53	4°53	16° 0	13°13	11°33	3° 9	13°47	16°51	18°12	13°50	14°56	2°49	16°54	F 5
S 6	11 34 58	25°38'10	16°49	6°50	17°14	13°45	11°47	3° 5	13°50	16°49	18°14	13°D50	14°53	2°56	16°56	S 6
S 7	11 38 55	26°37'40	1♏44	8°46	18°28	14°17	12° 1	3° 0	13°53	16°48	18°15	13°50	14°50	3° 3	16°58	S 7
M 8	11 42 51	27°37'07	16°31	10°39	19°42	14°50	12°16	2°56	13°57	16°47	18°16	13°51	14°47	3° 9	17° 0	M 8
T 9	11 46 48	28°36'33	1♐ 3	12°31	20°56	15°22	12°30	2°52	14° 0	16°46	18°18	13°52	14°43	3°16	17° 2	T 9
W10	11 50 45	29°35'57	15°16	14°19	22° 9	15°55	12°44	2°48	14° 3	16°45	18°19	13°53	14°40	3°23	17° 4	W10
T 11	11 54 41	0♈35'19	29°11	16° 5	23°23	16°27	12°58	2°44	14° 7	16°43	18°20	13°R54	14°37	3°29	17° 7	T 11
F 12	11 58 38	1°34'39	12♑45	17°46	24°37	17° 0	13°13	2°40	14°10	16°42	18°22	13°53	14°34	3°36	17° 9	F 12
S 13	12 2 34	2°33'58	26° 0	19°24	25°51	17°33	13°27	2°36	14°13	16°41	18°23	13°53	14°31	3°43	17°11	S 13
S 14	12 6 31	3°33'15	8♒57	20°58	27° 4	18° 5	13°42	2°32	14°17	16°40	18°24	13°51	14°28	3°49	17°14	S 14
M15	12 10 27	4°32'30	21°39	22°27	28°18	18°38	13°56	2°29	14°20	16°39	18°26	13°50	14°24	3°56	17°17	M15
T 16	12 14 24	5°31'43	4♓ 7	23°50	29°31	19°11	14°10	2°25	14°24	16°38	18°27	13°49	14°21	4° 3	17°19	T 16
W17	12 18 20	6°30'54	16°24	25° 9	0♉45	19°44	14°25	2°22	14°27	16°37	18°28	13°48	14°18	4° 9	17°22	W17
T 18	12 22 17	7°30'03	28°31	26°21	1°58	20°18	14°39	2°18	14°30	16°36	18°30	13°47	14°15	4°16	17°25	T 18
F 19	12 26 14	8°29'10	10♈30	27°28	3°12	20°51	14°54	2°15	14°34	16°35	18°31	13°D47	14°12	4°23	17°28	F 19
S 20	12 30 10	9°28'15	22°23	28°29	4°25	21°24	15° 8	2°11	14°37	16°34	18°33	13°47	14° 9	4°29	17°31	S 20
S 21	12 34 7	10°27'18	4♉12	29°23	5°39	21°57	15°22	2° 8	14°41	16°34	18°34	13°47	14° 5	4°36	17°34	S 21
M22	12 38 3	11°26'19	16° 0	0♉11	6°52	22°31	15°37	2° 5	14°44	16°33	18°35	13°48	14° 2	4°43	17°37	M22
T 23	12 42 0	12°25'18	27°49	0°53	8° 5	23° 4	15°51	2° 2	14°48	16°32	18°37	13°48	13°59	4°49	17°40	T 23
W24	12 45 56	13°24'14	9♊42	1°28	9°18	23°38	16° 6	1°59	14°51	16°31	18°38	13°R48	13°56	4°56	17°43	W24
T 25	12 49 53	14°23'08	21°44	1°56	10°32	24°11	16°20	1°56	14°54	16°30	18°40	13°48	13°53	5° 3	17°46	T 25
F 26	12 53 49	15°22'00	3♋59	2°17	11°45	24°45	16°35	1°53	14°58	16°30	18°41	13°48	13°49	5° 9	17°50	F 26
S 27	12 57 46	16°20'50	16°30	2°32	12°58	25°19	16°49	1°50	15° 1	16°29	18°42	13°D48	13°46	5°16	17°53	S 27
S 28	13 1 43	17°19'38	29°23	2°41	14°11	25°53	17° 4	1°48	15° 5	16°28	18°44	13°48	13°43	5°23	17°57	S 28
M29	13 5 39	18°18'23	12♌39	2°R43	15°24	26°27	17°18	1°45	15° 8	16°28	18°45	13°48	13°40	5°29	18° 0	M29
T 30	13 9 36	19°17'06	26°22	2°39	16°37	27° 1	17°33	1°43	15°12	16°27	18°47	13°49	13°37	5°36	18° 4	T 30
W31	13 13 32	20♈15'46	10♍31	2♉28	17♉50	27♊34	17♈47	1♍40	15♈15	16♌27	18♈48	13♈49	13♈34	5♉42	18♊ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s42	23n58	4n55	1s58	0s49	3n36	0s52	23n57	1n49	3n12	1s 6	12n 7	1n59	4n48	0s37	16n 8	0n21	8s26	16s49	5n32	5n59	13n46	17n 8	5s44
T 2	3 19	19 31	4 20	1 2	0 40	4 7	0 49	24 2	1 49	3 17	1 6	12 8	1 59	4 49	0 37	16 8	0 21	8 26	16 49	5 31	5 58	13 49	17 9	5 43
W 3	2 55	13 51	3 29	0 5	0 30	4 38	0 47	24 6	1 49	3 23	1 6	12 10	1 59	4 50	0 37	16 8	0 21	8 25	16 49	5 30	5 56	13 52	17 9	5 43
T 4	2 32	7 18	2 22	0n52	0 19	5 8	0 45	24 10	1 48	3 28	1 6	12 12	1 59	4 51	0 37	16 9	0 21	8 25	16 49	5 29	5 55	13 55	17 10	5 43
F 5	2 8	0 15	1 6	1 49	0 8	5 39	0 43	24 14	1 48	3 34	1 6	12 13	1 59	4 53	0 37	16 9	0 21	8 24	16 49	5 28	5 54	13 58	17 10	5 42
S 6	1 44	6s53	0s17	2 46	0n 3	6 10	0 41	24 17	1 48	3 40	1 6	12 15	1 59	4 54	0 37	16 9	0 21	8 23	16 49	5 28	5 53	14 1	17 11	5 42
S 7	1 21	13 38	1 38	3 42	0 14	6 40	0 38	24 21	1 48	3 45	1 6	12 16	1 59	4 55	0 37	16 10	0 21	8 23	16 49	5 28	5 51	14 4	17 11	5 41
M 8	0 57	19 33	2 51	4 38	0 26	7 10	0 36	24 24	1 47	3 51	1 6	12 18	1 59	4 57	0 37	16 10	0 21	8 22	16 48	5 29	5 50	14 7	17 12	5 41
T 9	0 33	24 12	3 53	5 33	0 38	7 40	0 33	24 28	1 47	3 56	1 6	12 19	1 59	4 58	0 37	16 11	0 21	8 21	16 48	5 29	5 49	14 10	17 13	5 41
W10	0 10	27 17	4 38	6 26	0 51	8 10	0 31	24 31	1 47	4 2	1 6	12 21	1 59	4 59	0 37	16 11	0 21	8 21	16 48	5 29	5 48	14 13	17 13	5 40
T 11	0n14	28 36	5 6	7 18	1 3	8 40	0 28	24 34	1 47	4 8	1 6	12 22	1 59	5 0	0 37	16 11	0 21	8 20	16 48	5 30	5 46	14 17	17 14	5 40
F 12	0 38	28 8	5 17	8 9	1 15	9 9	0 26	24 37	1 46	4 13	1 6	12 23	1 59	5 2	0 37	16 12	0 21	8 20	16 48	5 30	5 45	14 20	17 14	5 40
S 13	1 1	26 4	5 10	8 57	1 27	9 39	0 23	24 40	1 46	4 19	1 6	12 25	1 59	5 3	0 37	16 12	0 21	8 19	16 48	5 29	5 44	14 23	17 15	5 39
S 14	1 25	22 40	4 47	9 44	1 39	10 8	0 21	24 43	1 46	4 25	1 5	12 26	1 58	5 4	0 37	16 12	0 21	8 18	16 48	5 29	5 43	14 26	17 15	5 39
M15	1 49	18 16	4 11	10 28	1 50	10 37	0 18	24 46	1 46	4 30	1 5	12 27	1 58	5 6	0 37	16 13	0 21	8 18	16 48	5 28	5 42	14 29	17 16	5 39
T 16	2 12	13 10	3 23	11 9	2 1	11 5	0 16	24 48	1 45	4 36	1 5	12 29	1 58	5 7	0 37	16 13	0 21	8 17	16 48	5 28	5 40	14 32	17 17	5 38
W17	2 36	7 37	2 26	11 48	2 12	11 34	0 13	24 51	1 45	4 41	1 5	12 30	1 58	5 8	0 37	16 13	0 21	8 17	16 47	5 27	5 39	14 35	17 17	5 38
T 18	2 59	1 52	1 24	12 23	2 22	12 2	0 10	24 53	1 45	4 47	1 5	12 31	1 58	5 10	0 37	16 13	0 21	8 16	16 47	5 27	5 38	14 38	17 18	5 37
F 19	3 22	3n53	0 18	12 56	2 31	12 29	0 7	24 55	1 45	4 53	1 5	12 32	1 58	5 11	0 37	16 14	0 21	8 16	16 47	5 27	5 37	14 41	17 18	5 37
S 20	3 46	9 28	0n48	13 26	2 39	12 57	0 5	24 57	1 44	4 58	1 5	12 33	1 58	5 12	0 37	16 14	0 21	8 15	16 47	5 27	5 35	14 44	17 19	5 37
S 21	4 9	14 41	1 51	13 52	2 47	13 24	0 2	24 59	1 44	5 4	1 5	12 34	1 58	5 14	0 37	16 14	0 21	8 14	16 47	5 27	5 34	14 47	17 20	5 36
M22	4 32	19 22	2 50	14 16	2 53	13 51	0n 1	25 1	1 44	5 10	1 5	12 36	1 58	5 15	0 37	16 15	0 21	8 14	16 47	5 27	5 33	14 50	17 20	5 36
T 23	4 55	23 18	3 41	14 36	2 59	14 18	0 4	25 2	1 44	5 15	1 5	12 37	1 58	5 16	0 37	16 15	0 21	8 13	16 47	5 27	5 32	14 53	17 21	5 36
W24	5 18	26 18	4 23	14 52	3 3	14 44	0 6	25 4	1 43	5 21	1 5	12 38	1 58	5 18	0 37	16 15	0 21	8 13	16 47	5 27	5 30	14 56	17 21	5 36
T 25	5 41	28 8	4 55	15 5	3 6	15 10	0 9	25 5	1 43	5 26	1 5	12 39	1 58	5 19	0 37	16 15	0 21	8 12	16 47	5 27	5 29	14 59	17 22	5 35
F 26	6 4	28 39	5 13	15 14	3 8	15 35	0 12	25 6	1 43	5 32	1 5	12 40	1 58	5 20	0 37	16 15	0 21	8 12	16 47	5 27	5 28	15 2	17 23	5 35
S 27	6 27	27 43	5 17	15 20	3 9	16 0	0 15	25 7	1 42	5 37	1 5	12 40	1 58	5 22	0 37	16 16	0 21	8 11	16 47	5 27	5 27	15 5	17 23	5 35
S 28	6 49	25 19	5 6	15 22	3 8	16 25	0 18	25 8	1 42	5 43	1 5	12 41	1 57	5 23	0 37	16 16	0 21	8 11	16 47	5 27	5 26	15 8	17 24	5 34
M29	7 12	21 30	4 38	15 21	3 6	16 49	0 21	25 9	1 42	5 49	1 5	12 42	1 57	5 24	0 37	16 16	0 21	8 10	16 47	5 27	5 24	15 11	17 24	5 34
T 30	7 34	16 26	3 54	15 16	3 2	17 13	0 24	25 9	1 42	5 54	1 5	12 43	1 57	5 26	0 37	16 16	0 21	8 10	16 47	5 28	5 23	15 14	17 25	5 34
W31	7n56	10n20	2n55	15n 8	2n57	17n36	0n26	25n10	1n41	6n 0	1s 5	12n44	1n57	5n27	0s37	16n16	0n21	8s 9	16s47	5n28	5n22	15n17	17n26	5s33

Julian Day Number = 2304056.5, Delta T = 94.06 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'17, Lahiri = 18°13'17 Julian Calendar 1 March 1596 == Greg. Calendar 11 March 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

APRIL 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 17 29	21♈14'25	25♍ 6	2°R13	19♉ 2	28♊ 8	18♈ 2	1°R38	15♈18	16°R26	18♈49	13♈50	13♈30	5♉49	18♊11	T 1
F 2	13 21 25	22°13'01	10♎ 1	1♉52	20°15	28°43	18°16	1♍36	15°22	16♌26	18°51	13°R50	13°27	5°56	18°15	F 2
S 3	13 25 22	23°11'35	25° 9	1°26	21°28	29°17	18°30	1°34	15°25	16°25	18°52	13°50	13°24	6° 2	18°19	S 3
S 4	13 29 18	24°10'07	10♏21	0°56	22°41	29°51	18°45	1°32	15°29	16°25	18°54	13°49	13°21	6° 9	18°23	S 4
M 5	13 33 15	25° 8'38	25°27	0°23	23°53	0♋25	18°59	1°30	15°32	16°24	18°55	13°48	13°18	6°16	18°27	M 5
T 6	13 37 12	26° 7'07	10♐19	29♈46	25° 6	0°59	19°14	1°28	15°36	16°24	18°57	13°47	13°15	6°22	18°31	T 6
W 7	13 41 8	27° 5'34	24°50	29° 8	26°18	1°34	19°28	1°26	15°39	16°24	18°58	13°45	13°11	6°29	18°35	W 7
T 8	13 45 5	28° 4'00	8♑56	28°28	27°31	2° 8	19°42	1°25	15°42	16°23	18°59	13°44	13° 8	6°36	18°39	T 8
F 9	13 49 1	29° 2'24	22°35	27°47	28°43	2°42	19°57	1°23	15°46	16°23	19° 1	13°43	13° 5	6°42	18°43	F 9
S 10	13 52 58	0♉ 0'46	5♒50	27° 6	29°55	3°17	20°11	1°22	15°49	16°23	19° 2	13°D43	13° 2	6°49	18°47	S 10
S 11	13 56 54	0°59'07	18°41	26°26	1♊ 8	3°51	20°25	1°20	15°52	16°23	19° 3	13°44	12°59	6°56	18°51	S 11
M12	14 0 51	1°57'26	1♓14	25°48	2°20	4°26	20°40	1°19	15°56	16°22	19° 5	13°45	12°55	7° 2	18°56	M12
T 13	14 4 47	2°55'44	13°30	25°11	3°32	5° 1	20°54	1°18	15°59	16°22	19° 6	13°47	12°52	7° 9	19° 0	T 13
W14	14 8 44	3°54'00	25°35	24°38	4°44	5°35	21° 8	1°17	16° 2	16°22	19° 8	13°48	12°49	7°16	19° 5	W14
T 15	14 12 41	4°52'14	7♈31	24° 7	5°56	6°10	21°23	1°16	16° 6	16°22	19° 9	13°49	12°46	7°22	19° 9	T 15
F 16	14 16 37	5°50'27	19°22	23°40	7° 8	6°45	21°37	1°15	16° 9	16°22	19°10	13°R49	12°43	7°29	19°14	F 16
S 17	14 20 34	6°48'38	1♉10	23°17	8°20	7°19	21°51	1°15	16°12	16°D22	19°12	13°48	12°40	7°36	19°18	S 17
S 18	14 24 30	7°46'48	12°58	22°58	9°32	7°54	22° 5	1°14	16°16	16°22	19°13	13°46	12°36	7°42	19°23	S 18
M19	14 28 27	8°44'55	24°48	22°44	10°44	8°29	22°19	1°14	16°19	16°22	19°14	13°42	12°33	7°49	19°27	M19
T 20	14 32 23	9°43'01	6♊41	22°34	11°56	9° 4	22°33	1°13	16°22	16°22	19°16	13°38	12°30	7°56	19°32	T 20
W21	14 36 20	10°41'06	18°40	22°29	13° 8	9°39	22°48	1°13	16°25	16°22	19°17	13°34	12°27	8° 2	19°37	W21
T 22	14 40 16	11°39'08	0♋47	22°D29	14°19	10°14	23° 2	1°13	16°28	16°22	19°18	13°29	12°24	8° 9	19°42	T 22
F 23	14 44 13	12°37'09	13° 6	22°33	15°31	10°49	23°16	1°D13	16°32	16°23	19°20	13°25	12°21	8°16	19°47	F 23
S 24	14 48 10	13°35'08	25°38	22°42	16°42	11°24	23°30	1°13	16°35	16°23	19°21	13°23	12°17	8°22	19°51	S 24
S 25	14 52 6	14°33'05	8♌28	22°56	17°54	11°59	23°44	1°13	16°38	16°23	19°22	13°21	12°14	8°29	19°56	S 25
M26	14 56 3	15°31'00	21°38	23°14	19° 5	12°34	23°57	1°13	16°41	16°23	19°24	13°D21	12°11	8°36	20° 1	M26
T 27	14 59 59	16°28'53	5♍11	23°36	20°17	13°10	24°11	1°14	16°44	16°24	19°25	13°22	12° 8	8°42	20° 6	T 27
W28	15 3 56	17°26'44	19°10	24° 3	21°28	13°45	24°25	1°14	16°47	16°24	19°26	13°24	12° 5	8°49	20°11	W28
T 29	15 7 52	18°24'34	3♎33	24°34	22°39	14°20	24°39	1°15	16°50	16°24	19°27	13°25	12° 1	8°56	20°16	T 29
F 30	15 11 49	19♉22'22	18♎19	25♈ 9	23♊50	14♋55	24♈53	1♍16	16♈53	16♌25	19♈29	13°R25	11♈58	9♉ 2	20♊21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n18	3n31	1n42	14n56	2n51	17n59	0n29	25n10	1n41	6n 5	1s 5	12n44	1n57	5n28	0s37	16n17	0n21	8s 8	16s47	5n28	5n21	15n20	17n26	5s33
F 2	8 40	3s39	0 21	14 42	2 43	18 22	0 32	25 10	1 41	6 11	1 5	12 45	1 57	5 30	0 37	16 17	0 21	8 8	16 47	5 28	5 19	15 23	17 27	5 33
S 3	9 2	10 43	1s 2	14 24	2 34	18 44	0 35	25 10	1 40	6 16	1 5	12 46	1 57	5 31	0 37	16 17	0 21	8 7	16 47	5 28	5 18	15 26	17 27	5 33
S 4	9 24	17 12	2 22	14 3	2 23	19 6	0 38	25 10	1 40	6 22	1 5	12 46	1 57	5 32	0 37	16 17	0 21	8 7	16 47	5 28	5 17	15 29	17 28	5 32
M 5	9 45	22 35	3 31	13 40	2 11	19 27	0 41	25 9	1 40	6 27	1 5	12 47	1 57	5 34	0 37	16 17	0 21	8 6	16 47	5 27	5 16	15 32	17 29	5 32
T 6	10 6	26 24	4 24	13 15	1 58	19 47	0 43	25 9	1 40	6 33	1 5	12 48	1 57	5 35	0 37	16 17	0 21	8 6	16 47	5 27	5 14	15 35	17 29	5 32
W 7	10 28	28 23	5 0	12 48	1 44	20 7	0 46	25 8	1 39	6 38	1 5	12 48	1 56	5 36	0 37	16 17	0 21	8 6	16 47	5 26	5 13	15 38	17 30	5 31
T 8	10 49	28 26	5 16	12 20	1 29	20 27	0 49	25 8	1 39	6 43	1 5	12 49	1 56	5 38	0 37	16 17	0 21	8 5	16 47	5 26	5 12	15 41	17 30	5 31
F 9	11 9	26 44	5 13	11 50	1 13	20 46	0 52	25 7	1 39	6 49	1 5	12 49	1 56	5 39	0 37	16 17	0 21	8 5	16 47	5 26	5 11	15 44	17 31	5 31
S 10	11 30	23 36	4 54	11 20	0 56	21 4	0 55	25 5	1 38	6 54	1 5	12 49	1 56	5 40	0 37	16 18	0 21	8 4	16 47	5 26	5 9	15 47	17 32	5 31
S 11	11 51	19 22	4 20	10 50	0 39	21 22	0 57	25 4	1 38	7 0	1 5	12 50	1 56	5 42	0 37	16 18	0 21	8 4	16 47	5 26	5 8	15 50	17 32	5 30
M12	12 11	14 24	3 34	10 20	0 22	21 39	1 0	25 3	1 38	7 5	1 5	12 50	1 56	5 43	0 37	16 18	0 21	8 3	16 47	5 26	5 7	15 53	17 33	5 30
T 13	12 31	8 57	2 40	9 51	0 5	21 56	1 3	25 1	1 37	7 10	1 5	12 50	1 56	5 44	0 37	16 18	0 21	8 3	16 47	5 27	5 6	15 56	17 33	5 30
W14	12 51	3 16	1 39	9 23	0s12	22 12	1 6	25 0	1 37	7 16	1 5	12 51	1 56	5 45	0 37	16 18	0 21	8 2	16 47	5 27	5 4	15 59	17 34	5 30
T 15	13 10	2n28	0 35	8 56	0 28	22 28	1 8	24 58	1 37	7 21	1 5	12 51	1 56	5 47	0 37	16 18	0 21	8 2	16 47	5 28	5 3	16 2	17 35	5 30
F 16	13 30	8 4	0n31	8 31	0 45	22 43	1 11	24 56	1 36	7 26	1 5	12 51	1 55	5 48	0 37	16 18	0 21	8 2	16 48	5 28	5 2	16 5	17 35	5 29
S 17	13 49	13 23	1 34	8 8	1 1	22 57	1 13	24 53	1 36	7 32	1 5	12 51	1 55	5 49	0 37	16 18	0 21	8 1	16 48	5 27	5 1	16 8	17 36	5 29
S 18	14 8	18 12	2 34	7 47	1 16	23 11	1 16	24 51	1 36	7 37	1 5	12 51	1 55	5 50	0 37	16 18	0 21	8 1	16 48	5 27	4 59	16 11	17 36	5 29
M19	14 27	22 21	3 27	7 28	1 30	23 24	1 19	24 49	1 35	7 42	1 5	12 51	1 55	5 52	0 37	16 18	0 21	8 0	16 48	5 25	4 58	16 14	17 37	5 29
T 20	14 45	25 35	4 11	7 11	1 44	23 37	1 21	24 46	1 35	7 47	1 5	12 51	1 55	5 53	0 37	16 18	0 21	8 0	16 48	5 24	4 57	16 17	17 37	5 28
W21	15 4	27 44	4 44	6 57	1 57	23 48	1 23	24 43	1 35	7 53	1 5	12 51	1 55	5 54	0 37	16 18	0 21	8 0	16 48	5 22	4 56	16 20	17 38	5 28
T 22	15 22	28 35	5 5	6 46	2 9	24 0	1 26	24 40	1 35	7 58	1 5	12 51	1 55	5 55	0 37	16 18	0 21	7 59	16 48	5 20	4 55	16 22	17 38	5 28
F 23	15 40	28 2	5 13	6 37	2 20	24 10	1 28	24 37	1 34	8 3	1 5	12 51	1 54	5 57	0 37	16 18	0 21	7 59	16 48	5 19	4 53	16 25	17 39	5 28
S 24	15 57	26 4	5 6	6 31	2 31	24 20	1 31	24 34	1 34	8 8	1 5	12 51	1 54	5 58	0 37	16 18	0 21	7 58	16 48	5 18	4 52	16 28	17 40	5 28
S 25	16 14	22 45	4 44	6 28	2 40	24 29	1 33	24 30	1 34	8 13	1 5	12 51	1 54	5 59	0 37	16 17	0 21	7 58	16 49	5 17	4 51	16 31	17 40	5 28
M26	16 31	18 12	4 6	6 27	2 48	24 37	1 35	24 27	1 33	8 18	1 5	12 50	1 54	6 0	0 37	16 17	0 21	7 58	16 49	5 17	4 50	16 34	17 41	5 27
T 27	16 48	12 38	3 14	6 28	2 56	24 45	1 37	24 23	1 33	8 23	1 5	12 50	1 54	6 1	0 37	16 17	0 21	7 57	16 49	5 17	4 48	16 37	17 41	5 27
W28	17 5	6 16	2 9	6 32	3 2	24 52	1 39	24 19	1 33	8 29	1 5	12 50	1 54	6 3	0 37	16 17	0 21	7 57	16 49	5 18	4 47	16 40	17 42	5 27
T 29	17 21	0s36	0 54	6 38	3 8	24 59	1 41	24 15	1 32	8 34	1 5	12 50	1 54	6 4	0 37	16 17	0 21	7 57	16 49	5 18	4 46	16 43	17 42	5 27
F 30	17n37	7s36	0s27	6n46	3s13	25n 4	1n43	24n11	1n32	8n39	1s 5	12n49	1n54	6n 5	0s37	16n17	0n21	7s57	16s49	5n18	4n45	16n46	17n43	5s27

Julian Day Number = 2304087.5, Delta T = 93.94 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'21, Lahiri = 18°13'21 Julian Calendar 1 Apr. 1596 == Greg. Calendar 11 Apr. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

MAY 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 15 45	20♉20'08	3♏22	25♈48	25♊ 1	15♋31	25♈ 7	1♍16	16♈56	16♎25	19♈30	13°R24	11♈55	9♉ 9	20♊27	S 1
S 2	15 19 42	21°17'53	18°35	26°31	26°12	16° 6	25°20	1°17	16°59	16°26	19°31	13♈21	11°52	9°16	20°32	S 2
M 3	15 23 39	22°15'36	3♐47	27°17	27°23	16°41	25°34	1°18	17° 2	16°26	19°32	13°16	11°49	9°22	20°37	M 3
T 4	15 27 35	23°13'18	18°49	28° 7	28°34	17°17	25°47	1°19	17° 5	16°27	19°34	13°10	11°46	9°29	20°42	T 4
W 5	15 31 32	24°10'59	3♑32	29° 0	29°44	17°52	26° 1	1°21	17° 8	16°27	19°35	13° 4	11°42	9°36	20°48	W 5
T 6	15 35 28	25° 8'39	17°49	29°57	0♋55	18°28	26°15	1°22	17°11	16°28	19°36	12°59	11°39	9°42	20°53	T 6
F 7	15 39 25	26° 6'18	1♒38	0♉56	2° 5	19° 3	26°28	1°23	17°14	16°29	19°37	12°55	11°36	9°49	20°58	F 7
S 8	15 43 21	27° 3'56	14°57	1°59	3°16	19°39	26°41	1°25	17°17	16°29	19°38	12°52	11°33	9°56	21° 3	S 8
S 9	15 47 18	28° 1'32	27°50	3° 5	4°26	20°14	26°55	1°26	17°20	16°30	19°39	12°D52	11°30	10° 2	21° 9	S 9
M10	15 51 14	28°59'08	10♓21	4°14	5°37	20°50	27° 8	1°28	17°22	16°31	19°41	12°52	11°27	10° 9	21°14	M10
T 11	15 55 11	29°56'43	22°34	5°26	6°47	21°25	27°21	1°30	17°25	16°31	19°42	12°54	11°23	10°16	21°20	T 11
W12	15 59 8	0♊54'17	4♈33	6°41	7°57	22° 1	27°35	1°32	17°28	16°32	19°43	12°55	11°20	10°22	21°25	W12
T 13	16 3 4	1°51'50	16°25	7°58	9° 7	22°37	27°48	1°34	17°30	16°33	19°44	12°R55	11°17	10°29	21°31	T 13
F 14	16 7 1	2°49'22	28°12	9°19	10°17	23°12	28° 1	1°36	17°33	16°34	19°45	12°54	11°14	10°36	21°36	F 14
S 15	16 10 57	3°46'53	9♉59	10°42	11°27	23°48	28°14	1°38	17°36	16°35	19°46	12°50	11°11	10°42	21°42	S 15
S 16	16 14 54	4°44'23	21°49	12° 7	12°37	24°24	28°27	1°41	17°38	16°36	19°47	12°44	11° 7	10°49	21°47	S 16
M17	16 18 50	5°41'52	3♊43	13°36	13°46	25° 0	28°40	1°43	17°41	16°37	19°48	12°36	11° 4	10°55	21°53	M17
T 18	16 22 47	6°39'21	15°44	15° 6	14°56	25°36	28°53	1°46	17°43	16°38	19°49	12°27	11° 1	11° 2	21°58	T 18
W19	16 26 43	7°36'48	27°53	16°40	16° 6	26°12	29° 5	1°48	17°46	16°39	19°50	12°17	10°58	11° 9	22° 4	W19
T 20	16 30 40	8°34'14	10♋12	18°16	17°15	26°48	29°18	1°51	17°48	16°40	19°51	12° 7	10°55	11°15	22°10	T 20
F 21	16 34 37	9°31'39	22°40	19°55	18°24	27°23	29°31	1°54	17°51	16°41	19°52	11°58	10°52	11°22	22°15	F 21
S 22	16 38 33	10°29'04	5♌21	21°36	19°33	27°59	29°43	1°57	17°53	16°42	19°53	11°51	10°48	11°29	22°21	S 22
S 23	16 42 30	11°26'27	18°16	23°20	20°43	28°35	29°56	2° 0	17°56	16°43	19°54	11°46	10°45	11°35	22°27	S 23
M24	16 46 26	12°23'49	1♍26	25° 6	21°52	29°11	0♉ 8	2° 3	17°58	16°44	19°55	11°44	10°42	11°42	22°32	M24
T 25	16 50 23	13°21'09	14°55	26°55	23° 0	29°48	0°21	2° 6	18° 0	16°45	19°56	11°D43	10°39	11°49	22°38	T 25
W26	16 54 19	14°18'29	28°44	28°46	24° 9	0♌24	0°33	2° 9	18° 2	16°47	19°57	11°44	10°36	11°55	22°44	W26
T 27	16 58 16	15°15'48	12♎53	0♊40	25°18	1° 0	0°45	2°12	18° 5	16°48	19°58	11°R44	10°32	12° 2	22°49	T 27
F 28	17 2 12	16°13'05	27°23	2°36	26°26	1°36	0°57	2°16	18° 7	16°49	19°59	11°43	10°29	12° 9	22°55	F 28
S 29	17 6 9	17°10'22	12♏10	4°34	27°35	2°12	1° 9	2°19	18° 9	16°50	20° 0	11°40	10°26	12°15	23° 1	S 29
S 30	17 10 6	18° 7'38	27° 9	6°35	28°43	2°48	1°21	2°23	18°11	16°52	20° 0	11°35	10°23	12°22	23° 7	S 30
M31	17 14 2	19♊ 4'54	12♐11	8♊37	29♋51	3♌24	1♉33	2♍27	18♈13	16♎53	20♈ 1	11♈27	10♈20	12♉29	23♊12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n52	14s20	1s47	6n56	3s16	25n 9	1n45	24n 6	1n32	8n44	1s 5	12n49	1n53	6n 6	0s37	16n17	0n21	7s56	16s49	5n18	4n43	16n49	17n43	5s27
S 2	18 8	20 16	3 0	7 9	3 19	25 14	1 47	24 2	1 31	8 48	1 5	12 48	1 53	6 7	0 37	16 17	0 21	7 56	16 50	5 17	4 42	16 52	17 44	5 27
M 3	18 23	24 53	4 0	7 24	3 22	25 17	1 49	23 57	1 31	8 53	1 5	12 48	1 53	6 8	0 37	16 16	0 21	7 56	16 50	5 15	4 41	16 54	17 44	5 26
T 4	18 37	27 43	4 43	7 40	3 23	25 20	1 51	23 52	1 31	8 58	1 6	12 47	1 53	6 9	0 37	16 16	0 21	7 55	16 50	5 13	4 40	16 57	17 45	5 26
W 5	18 52	28 32	5 6	7 58	3 24	25 22	1 52	23 47	1 30	9 3	1 6	12 47	1 53	6 10	0 37	16 16	0 21	7 55	16 50	5 10	4 38	17 0	17 45	5 26
T 6	19 6	27 24	5 9	8 18	3 23	25 24	1 54	23 42	1 30	9 8	1 6	12 46	1 53	6 12	0 37	16 16	0 21	7 55	16 50	5 8	4 37	17 3	17 45	5 26
F 7	19 19	24 37	4 54	8 40	3 23	25 24	1 56	23 37	1 30	9 13	1 6	12 45	1 53	6 13	0 37	16 16	0 21	7 55	16 51	5 7	4 36	17 6	17 46	5 26
S 8	19 33	20 34	4 23	9 3	3 21	25 24	1 57	23 31	1 29	9 18	1 6	12 45	1 52	6 14	0 37	16 16	0 21	7 54	16 51	5 6	4 35	17 9	17 46	5 26
S 9	19 46	15 41	3 40	9 27	3 19	25 24	1 59	23 26	1 29	9 22	1 6	12 44	1 52	6 15	0 37	16 15	0 21	7 54	16 51	5 5	4 33	17 12	17 47	5 26
M10	19 59	10 17	2 47	9 53	3 16	25 22	2 0	23 20	1 29	9 27	1 6	12 43	1 52	6 16	0 37	16 15	0 21	7 54	16 51	5 6	4 32	17 15	17 47	5 26
T 11	20 11	4 37	1 48	10 21	3 12	25 20	2 1	23 14	1 28	9 32	1 6	12 43	1 52	6 17	0 37	16 15	0 21	7 54	16 51	5 6	4 31	17 17	17 48	5 26
W12	20 23	1n 8	0 45	10 49	3 8	25 17	2 2	23 8	1 28	9 36	1 6	12 42	1 52	6 18	0 37	16 15	0 21	7 53	16 52	5 7	4 30	17 20	17 48	5 26
T 13	20 35	6 46	0n19	11 19	3 3	25 14	2 3	23 2	1 27	9 41	1 6	12 41	1 52	6 19	0 37	16 14	0 21	7 53	16 52	5 7	4 28	17 23	17 48	5 26
F 14	20 46	12 8	1 22	11 49	2 58	25 10	2 4	22 55	1 27	9 46	1 6	12 40	1 52	6 20	0 37	16 14	0 21	7 53	16 52	5 6	4 27	17 26	17 49	5 25
S 15	20 57	17 4	2 21	12 21	2 52	25 5	2 5	22 49	1 27	9 50	1 6	12 39	1 52	6 21	0 37	16 14	0 21	7 53	16 52	5 5	4 26	17 29	17 49	5 25
S 16	21 8	21 22	3 14	12 53	2 45	24 59	2 6	22 42	1 26	9 55	1 6	12 38	1 51	6 22	0 37	16 14	0 21	7 53	16 53	5 3	4 25	17 32	17 50	5 25
M17	21 18	24 51	3 58	13 27	2 38	24 53	2 7	22 35	1 26	9 59	1 6	12 37	1 51	6 23	0 37	16 13	0 21	7 53	16 53	5 0	4 23	17 34	17 50	5 25
T 18	21 28	27 15	4 33	14 1	2 30	24 46	2 8	22 29	1 26	10 4	1 6	12 36	1 51	6 24	0 37	16 13	0 21	7 52	16 53	4 56	4 22	17 37	17 50	5 25
W19	21 38	28 24	4 55	14 35	2 22	24 39	2 8	22 21	1 25	10 8	1 7	12 35	1 51	6 25	0 37	16 13	0 21	7 52	16 53	4 52	4 21	17 40	17 51	5 25
T 20	21 47	28 10	5 5	15 10	2 14	24 30	2 9	22 14	1 25	10 13	1 7	12 34	1 51	6 26	0 37	16 12	0 21	7 52	16 54	4 48	4 20	17 43	17 51	5 25
F 21	21 56	26 30	5 0	15 45	2 5	24 21	2 9	22 7	1 25	10 17	1 7	12 33	1 51	6 27	0 37	16 12	0 21	7 52	16 54	4 44	4 18	17 46	17 51	5 25
S 22	22 4	23 30	4 40	16 21	1 55	24 12	2 9	21 59	1 24	10 21	1 7	12 32	1 51	6 27	0 37	16 12	0 21	7 52	16 54	4 42	4 17	17 49	17 52	5 25
S 23	22 12	19 17	4 6	16 57	1 45	24 2	2 10	21 52	1 24	10 26	1 7	12 30	1 50	6 28	0 37	16 11	0 21	7 52	16 54	4 40	4 16	17 51	17 52	5 25
M24	22 20	14 4	3 18	17 32	1 35	23 51	2 10	21 44	1 24	10 30	1 7	12 29	1 50	6 29	0 37	16 11	0 21	7 52	16 55	4 39	4 15	17 54	17 52	5 25
T 25	22 27	8 5	2 18	18 8	1 25	23 40	2 10	21 36	1 23	10 34	1 7	12 28	1 50	6 30	0 37	16 11	0 21	7 52	16 55	4 39	4 13	17 57	17 53	5 25
W26	22 34	1 34	1 9	18 43	1 14	23 27	2 10	21 28	1 23	10 39	1 7	12 27	1 50	6 31	0 37	16 10	0 21	7 52	16 55	4 39	4 12	18 0	17 53	5 25
T 27	22 41	5s12	0s 6	19 18	1 4	23 15	2 9	21 19	1 22	10 43	1 7	12 25	1 50	6 32	0 37	16 10	0 21	7 52	16 55	4 39	4 11	18 3	17 53	5 25
F 28	22 47	11 51	1 22	19 52	0 52	23 2	2 9	21 11	1 22	10 47	1 7	12 24	1 50	6 33	0 37	16 10	0 21	7 51	16 56	4 39	4 10	18 5	17 53	5 25
S 29	22 52	17 58	2 35	20 25	0 41	22 48	2 9	21 2	1 22	10 51	1 7	12 23	1 50	6 33	0 38	16 9	0 21	7 51	16 56	4 38	4 8	18 8	17 54	5 25
S 30	22 58	23 5	3 37	20 58	0 30	22 33	2 8	20 54	1 21	10 55	1 8	12 21	1 50	6 34	0 38	16 9	0 21	7 51	16 56	4 35	4 7	18 11	17 54	5 25
M31	23n 3	26s40	4s24	21n29	0s19	22n18	2n 8	20n45	1n21	10n59	1s 8	12n20	1n49	6n35	0s38	16n 8	0n21	7s51	16s57	4n32	4n 6	18n14	17n54	5s25

Julian Day Number = 2304117.5, Delta T = 93.82 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'25, Lahiri = 18°13'26 Julian Calendar 1 May 1596 == Greg. Calendar 11 May 1596

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1596
geocentric

JUNE 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 17 59	20♊ 2'09	27♐ 8	10♊42	0♌59	4♌ 1	1♉45	2♍30	18♈15	16♌54	20♈ 2	11°R17	10♈17	12♉35	23♊18	T 1
W 2	17 21 55	20°59'23	11♑49	12°48	2° 7	4°37	1°57	2°34	18°17	16°56	20° 3	11♈ 7	10°13	12°42	23°24	W 2
T 3	17 25 52	21°56'37	26° 8	14°56	3°15	5°13	2° 9	2°38	18°19	16°57	20° 4	10°58	10°10	12°49	23°30	T 3
F 4	17 29 48	22°53'50	10♒ 1	17° 5	4°22	5°50	2°20	2°42	18°21	16°59	20° 4	10°50	10° 7	12°56	23°35	F 4
S 5	17 33 45	23°51'04	23°24	19°15	5°30	6°26	2°32	2°46	18°23	17° 0	20° 5	10°44	10° 4	13° 2	23°41	S 5
S 6	17 37 42	24°48'17	6♓21	21°25	6°37	7° 2	2°43	2°51	18°25	17° 2	20° 6	10°41	10° 1	13° 9	23°47	S 6
M 7	17 41 38	25°45'30	18°53	23°37	7°44	7°39	2°54	2°55	18°27	17° 3	20° 6	10°39	9°58	13°16	23°53	M 7
T 8	17 45 35	26°42'42	1♈ 7	25°48	8°51	8°15	3° 6	2°59	18°28	17° 5	20° 7	10°D39	9°54	13°22	23°58	T 8
W 9	17 49 31	27°39'55	13° 7	27°59	9°58	8°52	3°17	3° 4	18°30	17° 6	20° 8	10°R39	9°51	13°29	24° 4	W 9
T 10	17 53 28	28°37'08	24°58	0♋10	11° 5	9°28	3°28	3° 8	18°32	17° 8	20° 8	10°39	9°48	13°36	24°10	T 10
F 11	17 57 24	29°34'21	6♉45	2°21	12°12	10° 5	3°39	3°13	18°33	17° 9	20° 9	10°36	9°45	13°42	24°16	F 11
S 12	18 1 21	0♋31'33	18°34	4°30	13°18	10°41	3°49	3°17	18°35	17°11	20°10	10°31	9°42	13°49	24°21	S 12
S 13	18 5 17	1°28'46	0♊27	6°39	14°24	11°18	4° 0	3°22	18°36	17°13	20°10	10°23	9°38	13°56	24°27	S 13
M14	18 9 14	2°25'59	12°29	8°46	15°30	11°54	4°11	3°27	18°38	17°14	20°11	10°13	9°35	14° 2	24°33	M14
T 15	18 13 11	3°23'12	24°40	10°52	16°36	12°31	4°21	3°32	18°39	17°16	20°11	10° 1	9°32	14° 9	24°39	T 15
W16	18 17 7	4°20'24	7♋ 2	12°56	17°42	13° 8	4°32	3°37	18°41	17°18	20°12	9°48	9°29	14°16	24°44	W16
T 17	18 21 4	5°17'37	19°36	14°59	18°48	13°45	4°42	3°42	18°42	17°20	20°12	9°35	9°26	14°22	24°50	T 17
F 18	18 25 0	6°14'50	2♌21	17° 0	19°53	14°21	4°52	3°47	18°43	17°21	20°13	9°23	9°23	14°29	24°56	F 18
S 19	18 28 57	7°12'02	15°18	18°59	20°58	14°58	5° 2	3°52	18°45	17°23	20°13	9°13	9°19	14°36	25° 2	S 19
S 20	18 32 53	8° 9'14	28°27	20°56	22° 3	15°35	5°12	3°58	18°46	17°25	20°14	9° 7	9°16	14°42	25° 7	S 20
M21	18 36 50	9° 6'26	11♍47	22°52	23° 8	16°12	5°22	4° 3	18°47	17°27	20°14	9° 3	9°13	14°49	25°13	M21
T 22	18 40 46	10° 3'38	25°20	24°45	24°13	16°49	5°32	4° 8	18°48	17°28	20°15	9° 1	9°10	14°56	25°19	T 22
W23	18 44 43	11° 0'49	9♎ 7	26°37	25°17	17°25	5°42	4°14	18°49	17°30	20°15	9° 1	9° 7	15° 2	25°24	W23
T 24	18 48 40	11°58'01	23° 9	28°27	26°21	18° 2	5°51	4°19	18°50	17°32	20°15	9° 1	9° 4	15° 9	25°30	T 24
F 25	18 52 36	12°55'12	7♏24	0♌14	27°25	18°39	6° 1	4°25	18°51	17°34	20°16	8°59	9° 0	15°16	25°36	F 25
S 26	18 56 33	13°52'24	21°52	2° 0	28°29	19°16	6°10	4°30	18°52	17°36	20°16	8°56	8°57	15°22	25°41	S 26
S 27	19 0 29	14°49'35	6♐29	3°44	29°32	19°53	6°19	4°36	18°53	17°38	20°16	8°50	8°54	15°29	25°47	S 27
M28	19 4 26	15°46'47	21°10	5°25	0♍35	20°30	6°28	4°42	18°54	17°40	20°17	8°41	8°51	15°36	25°52	M28
T 29	19 8 22	16°43'59	5♑47	7° 5	1°38	21° 7	6°37	4°48	18°55	17°42	20°17	8°31	8°48	15°42	25°58	T 29
W30	19 12 19	17♋41'11	20♑13	8♌43	2♍41	21♌44	6♉46	4♍54	18♈55	17♌44	20♈17	8♈19	8♈45	15♉49	26♊ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	28s21	4s53	21n58	0s 8	22n 3	2n 7	20n36	1n21	11n 3	1s 8	12n18	1n49	6n36	0s38	16n 8	0n21	7s51	16s57	4n29	4n 5	18n17	17n54	5s25
W 2	23 11	27 59	5 2	22 26	0n 3	21 47	2 6	20 27	1 20	11 7	1 8	12 17	1 49	6 36	0 38	16 8	0 21	7 51	16 57	4 25	4 3	18 19	17 55	5 25
T 3	23 15	25 45	4 52	22 52	0 14	21 30	2 5	20 18	1 20	11 11	1 8	12 15	1 49	6 37	0 38	16 7	0 21	7 51	16 57	4 21	4 2	18 22	17 55	5 26
F 4	23 18	22 1	4 25	23 16	0 24	21 13	2 4	20 9	1 20	11 15	1 8	12 14	1 49	6 38	0 38	16 7	0 21	7 51	16 58	4 18	4 1	18 25	17 55	5 26
S 5	23 21	17 15	3 43	23 38	0 34	20 56	2 3	19 59	1 19	11 19	1 8	12 12	1 49	6 39	0 38	16 6	0 21	7 51	16 58	4 15	4 0	18 28	17 55	5 26
S 6	23 24	11 51	2 51	23 57	0 44	20 37	2 2	19 49	1 19	11 22	1 8	12 10	1 49	6 39	0 38	16 6	0 21	7 51	16 58	4 14	3 58	18 30	17 55	5 26
M 7	23 26	6 8	1 53	24 14	0 53	20 19	2 0	19 40	1 18	11 26	1 8	12 9	1 49	6 40	0 38	16 5	0 21	7 51	16 59	4 14	3 57	18 33	17 56	5 26
T 8	23 27	0 20	0 50	24 28	1 2	20 0	1 59	19 30	1 18	11 30	1 9	12 7	1 49	6 40	0 38	16 5	0 21	7 51	16 59	4 14	3 56	18 36	17 56	5 26
W 9	23 28	5n23	0n13	24 39	1 10	19 40	1 57	19 20	1 18	11 34	1 9	12 5	1 48	6 41	0 38	16 4	0 21	7 52	16 59	4 14	3 55	18 39	17 56	5 26
T 10	23 29	10 51	1 15	24 47	1 18	19 20	1 56	19 10	1 17	11 37	1 9	12 4	1 48	6 42	0 38	16 4	0 21	7 52	17 0	4 13	3 53	18 41	17 56	5 26
F 11	23 30	15 54	2 14	24 53	1 24	19 0	1 54	19 0	1 17	11 41	1 9	12 2	1 48	6 42	0 38	16 3	0 21	7 52	17 0	4 12	3 52	18 44	17 56	5 26
S 12	23 30	20 22	3 6	24 56	1 31	18 39	1 52	18 49	1 17	11 44	1 9	12 0	1 48	6 43	0 38	16 3	0 21	7 52	17 0	4 10	3 51	18 47	17 56	5 26
S 13	23 29	24 4	3 51	24 55	1 36	18 18	1 50	18 39	1 16	11 48	1 9	11 58	1 48	6 43	0 38	16 2	0 21	7 52	17 1	4 7	3 50	18 49	17 56	5 26
M14	23 28	26 44	4 26	24 53	1 41	17 56	1 48	18 28	1 16	11 51	1 9	11 56	1 48	6 44	0 38	16 2	0 21	7 52	17 1	4 3	3 48	18 52	17 57	5 27
T 15	23 27	28 12	4 50	24 47	1 44	17 34	1 45	18 18	1 15	11 55	1 9	11 55	1 48	6 44	0 38	16 1	0 21	7 52	17 1	3 58	3 47	18 55	17 57	5 27
W16	23 25	28 18	5 0	24 39	1 48	17 12	1 43	18 7	1 15	11 58	1 10	11 53	1 48	6 45	0 38	16 1	0 21	7 52	17 2	3 53	3 46	18 58	17 57	5 27
T 17	23 23	26 56	4 55	24 28	1 50	16 49	1 40	17 56	1 15	12 1	1 10	11 51	1 48	6 45	0 38	16 0	0 21	7 52	17 2	3 48	3 45	19 0	17 57	5 27
F 18	23 21	24 10	4 37	24 16	1 52	16 26	1 38	17 45	1 14	12 5	1 10	11 49	1 48	6 46	0 38	16 0	0 21	7 52	17 2	3 44	3 43	19 3	17 57	5 27
S 19	23 18	20 9	4 3	24 0	1 53	16 2	1 35	17 33	1 14	12 8	1 10	11 47	1 47	6 46	0 38	15 59	0 21	7 53	17 3	3 40	3 42	19 6	17 57	5 27
S 20	23 15	15 7	3 17	23 43	1 53	15 38	1 32	17 22	1 13	12 11	1 10	11 45	1 47	6 47	0 38	15 59	0 21	7 53	17 3	3 37	3 41	19 8	17 57	5 28
M21	23 11	9 17	2 19	23 24	1 53	15 14	1 29	17 11	1 13	12 14	1 10	11 43	1 47	6 47	0 38	15 58	0 21	7 53	17 3	3 36	3 40	19 11	17 57	5 28
T 22	23 7	2 57	1 12	23 3	1 52	14 50	1 26	16 59	1 13	12 17	1 10	11 41	1 47	6 48	0 38	15 58	0 21	7 53	17 4	3 35	3 38	19 14	17 57	5 28
W23	23 2	3s38	0s 1	22 41	1 50	14 25	1 22	16 48	1 12	12 21	1 11	11 39	1 47	6 48	0 38	15 57	0 21	7 53	17 4	3 35	3 37	19 16	17 57	5 28
T 24	22 57	10 10	1 14	22 17	1 48	14 0	1 19	16 36	1 12	12 24	1 11	11 36	1 47	6 48	0 38	15 57	0 21	7 53	17 4	3 35	3 36	19 19	17 57	5 28
F 25	22 52	16 17	2 24	21 51	1 45	13 35	1 15	16 24	1 11	12 26	1 11	11 34	1 47	6 49	0 38	15 56	0 21	7 54	17 5	3 34	3 35	19 22	17 57	5 28
S 26	22 46	21 35	3 26	21 24	1 41	13 9	1 12	16 12	1 11	12 29	1 11	11 32	1 47	6 49	0 38	15 55	0 21	7 54	17 5	3 33	3 33	19 24	17 57	5 29
S 27	22 40	25 37	4 15	20 56	1 37	12 43	1 8	16 0	1 11	12 32	1 11	11 30	1 47	6 49	0 38	15 55	0 21	7 54	17 5	3 31	3 32	19 27	17 57	5 29
M28	22 34	27 58	4 47	20 27	1 33	12 17	1 4	15 48	1 10	12 35	1 11	11 28	1 47	6 50	0 38	15 54	0 21	7 54	17 6	3 27	3 31	19 30	17 57	5 29
T 29	22 27	28 22	5 0	19 57	1 27	11 51	1 0	15 36	1 10	12 38	1 11	11 26	1 47	6 50	0 38	15 54	0 21	7 55	17 6	3 23	3 30	19 32	17 57	5 29
W30	22n19	26s49	4s54	19n26	1n22	11n25	0n56	15n23	1n 9	12n41	1s12	11n23	1n47	6n50	0s38	15n53	0n21	7s55	17s 6	3n19	3n28	19n35	17n57	5s30

Julian Day Number = 2304148.5, Delta T = 93.70 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'29, Lahiri = 18°13'30 Julian Calendar 1 June 1596 == Greg. Calendar 11 June 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

JULY 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 16 16	18♋38'23	4♒22	10♌19	3♍43	22♌21	6♉55	5♍ 0	18♈56	17♌46	20♈17	8°R 9	8♈41	15♉56	26♊ 9	T 1
F 2	19 20 12	19°35'36	18° 7	11°53	4°45	22°58	7° 3	5° 6	18°57	17°48	20°17	8♈ 0	8°38	16° 2	26°14	F 2
S 3	19 24 9	20°32'50	1♓28	13°25	5°47	23°36	7°12	5°12	18°57	17°50	20°18	7°53	8°35	16° 9	26°20	S 3
S 4	19 28 5	21°30'04	14°25	14°55	6°48	24°13	7°20	5°18	18°58	17°52	20°18	7°49	8°32	16°16	26°25	S 4
M 5	19 32 2	22°27'19	26°58	16°23	7°50	24°50	7°28	5°24	18°58	17°54	20°18	7°47	8°29	16°22	26°31	M 5
T 6	19 35 58	23°24'35	9♈13	17°49	8°50	25°27	7°36	5°30	18°59	17°56	20°18	7°D46	8°25	16°29	26°36	T 6
W 7	19 39 55	24°21'51	21°14	19°13	9°51	26° 5	7°44	5°36	18°59	17°58	20°18	7°R46	8°22	16°36	26°41	W 7
T 8	19 43 51	25°19'08	3♉ 7	20°35	10°51	26°42	7°52	5°43	18°59	18° 0	20°18	7°46	8°19	16°42	26°47	T 8
F 9	19 47 48	26°16'27	14°56	21°55	11°51	27°19	7°59	5°49	19° 0	18° 2	20°18	7°45	8°16	16°49	26°52	F 9
S 10	19 51 45	27°13'46	26°47	23°13	12°51	27°57	8° 7	5°55	19° 0	18° 4	20°18	7°41	8°13	16°56	26°57	S 10
S 11	19 55 41	28°11'06	8♊45	24°28	13°50	28°34	8°14	6° 2	19° 0	18° 6	20°R18	7°35	8°10	17° 2	27° 3	S 11
M12	19 59 38	29° 8'28	20°53	25°41	14°49	29°11	8°21	6° 8	19° 0	18° 8	20°18	7°26	8° 6	17° 9	27° 8	M12
T 13	20 3 34	0♌ 5'50	3♋14	26°52	15°47	29°49	8°28	6°15	19° 0	18°11	20°18	7°16	8° 3	17°16	27°13	T 13
W14	20 7 31	1° 3'13	15°49	28° 1	16°45	0♍26	8°35	6°22	19° 1	18°13	20°18	7° 4	8° 0	17°22	27°18	W14
T 15	20 11 27	2° 0'37	28°40	29° 7	17°43	1° 4	8°41	6°28	19°R 1	18°15	20°18	6°53	7°57	17°29	27°23	T 15
F 16	20 15 24	2°58'02	11♌45	0♍10	18°40	1°41	8°48	6°35	19° 1	18°17	20°18	6°43	7°54	17°36	27°28	F 16
S 17	20 19 20	3°55'27	25° 3	1°11	19°37	2°19	8°54	6°42	19° 0	18°19	20°18	6°35	7°51	17°42	27°33	S 17
S 18	20 23 17	4°52'54	8♍33	2° 9	20°33	2°57	9° 1	6°48	19° 0	18°21	20°18	6°29	7°47	17°49	27°38	S 18
M19	20 27 14	5°50'21	22°13	3° 4	21°29	3°34	9° 7	6°55	19° 0	18°24	20°17	6°26	7°44	17°56	27°43	M19
T 20	20 31 10	6°47'49	6♎ 2	3°56	22°25	4°12	9°12	7° 2	19° 0	18°26	20°17	6°D25	7°41	18° 2	27°48	T 20
W21	20 35 7	7°45'17	19°58	4°45	23°20	4°50	9°18	7° 9	19° 0	18°28	20°17	6°26	7°38	18° 9	27°53	W21
T 22	20 39 3	8°42'47	4♏ 1	5°30	24°14	5°27	9°24	7°16	18°59	18°30	20°17	6°R27	7°35	18°16	27°58	T 22
F 23	20 43 0	9°40'17	18°10	6°12	25° 8	6° 5	9°29	7°23	18°59	18°32	20°17	6°26	7°31	18°23	28° 3	F 23
S 24	20 46 56	10°37'48	2♐24	6°50	26° 1	6°43	9°34	7°30	18°58	18°35	20°16	6°24	7°28	18°29	28° 8	S 24
S 25	20 50 53	11°35'20	16°41	7°25	26°54	7°21	9°39	7°37	18°58	18°37	20°16	6°20	7°25	18°36	28°12	S 25
M26	20 54 49	12°32'53	0♑57	7°55	27°46	7°59	9°44	7°44	18°57	18°39	20°16	6°14	7°22	18°43	28°17	M26
T 27	20 58 46	13°30'27	15° 8	8°20	28°37	8°37	9°49	7°51	18°57	18°41	20°15	6° 6	7°19	18°49	28°22	T 27
W28	21 2 43	14°28'02	29° 9	8°42	29°28	9°15	9°53	7°58	18°56	18°43	20°15	5°58	7°16	18°56	28°26	W28
T 29	21 6 39	15°25'37	12♒55	8°58	0♎18	9°52	9°58	8° 5	18°56	18°46	20°15	5°50	7°12	19° 3	28°31	T 29
F 30	21 10 36	16°23'15	26°24	9°10	1° 8	10°30	10° 2	8°12	18°55	18°48	20°14	5°43	7° 9	19° 9	28°35	F 30
S 31	21 14 32	17♌20'53	9♓34	9♍16	1♎56	11♍ 8	10♉ 6	8♍20	18♈54	18♌50	20♈14	5♈38	7♈ 6	19♉16	28♊40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n12	23s35	4s30	18n55	1n16	10n58	0n51	15n11	1n 9	12n43	1s12	11n21	1n46	6n50	0s38	15n52	0n21	7s55	17s 7	3n14	3n27	19n38	17n57	5s30
F 2	22 4	19 5	3 51	18 22	1 9	10 31	0 47	14 58	1 9	12 46	1 12	11 19	1 46	6 51	0 38	15 52	0 21	7 55	17 7	3 11	3 26	19 40	17 56	5 30
S 3	21 55	13 46	3 0	17 50	1 2	10 4	0 42	14 46	1 8	12 49	1 12	11 17	1 46	6 51	0 38	15 51	0 21	7 56	17 7	3 8	3 25	19 43	17 56	5 30
S 4	21 46	8 0	2 1	17 16	0 55	9 37	0 38	14 33	1 8	12 51	1 12	11 14	1 46	6 51	0 38	15 51	0 21	7 56	17 8	3 6	3 23	19 45	17 56	5 31
M 5	21 37	2 5	0 57	16 43	0 47	9 10	0 33	14 20	1 7	12 54	1 12	11 12	1 46	6 51	0 38	15 50	0 21	7 56	17 8	3 6	3 22	19 48	17 56	5 31
T 6	21 28	3n47	0n 8	16 9	0 39	8 42	0 28	14 7	1 7	12 56	1 13	11 10	1 46	6 51	0 38	15 49	0 21	7 56	17 8	3 5	3 21	19 51	17 56	5 31
W 7	21 18	9 24	1 11	15 34	0 30	8 15	0 23	13 54	1 7	12 58	1 13	11 7	1 46	6 51	0 39	15 49	0 21	7 57	17 9	3 5	3 20	19 53	17 56	5 31
T 8	21 7	14 37	2 10	15 0	0 21	7 47	0 18	13 41	1 6	13 1	1 13	11 5	1 46	6 52	0 39	15 48	0 21	7 57	17 9	3 5	3 18	19 56	17 56	5 32
F 9	20 57	19 17	3 4	14 26	0 12	7 19	0 12	13 28	1 6	13 3	1 13	11 2	1 46	6 52	0 39	15 47	0 21	7 57	17 9	3 5	3 17	19 59	17 56	5 32
S 10	20 46	23 12	3 50	13 51	0 3	6 52	0 7	13 14	1 5	13 5	1 13	11 0	1 46	6 52	0 39	15 47	0 21	7 58	17 10	3 3	3 16	20 1	17 55	5 32
S 11	20 34	26 11	4 26	13 17	0s 7	6 24	0 1	13 1	1 5	13 7	1 13	10 58	1 46	6 52	0 39	15 46	0 21	7 58	17 10	3 1	3 15	20 4	17 55	5 33
M12	20 23	28 0	4 50	12 43	0 17	5 56	0s 4	12 47	1 5	13 10	1 14	10 55	1 46	6 52	0 39	15 45	0 21	7 58	17 11	2 57	3 13	20 6	17 55	5 33
T 13	20 11	28 29	5 2	12 9	0 28	5 28	0 10	12 34	1 4	13 12	1 14	10 53	1 46	6 52	0 39	15 45	0 21	7 59	17 11	2 53	3 12	20 9	17 55	5 33
W14	19 58	27 30	4 59	11 36	0 38	5 0	0 16	12 20	1 4	13 14	1 14	10 50	1 46	6 52	0 39	15 44	0 21	7 59	17 11	2 49	3 11	20 11	17 55	5 33
T 15	19 45	25 4	4 41	11 3	0 49	4 32	0 22	12 6	1 3	13 16	1 14	10 48	1 46	6 52	0 39	15 44	0 21	7 59	17 12	2 44	3 10	20 14	17 54	5 34
F 16	19 32	21 17	4 9	10 30	1 0	4 3	0 28	11 53	1 3	13 17	1 14	10 45	1 46	6 52	0 39	15 43	0 21	8 0	17 12	2 40	3 8	20 17	17 54	5 34
S 17	19 19	16 22	3 22	9 58	1 11	3 35	0 35	11 39	1 2	13 19	1 15	10 43	1 46	6 52	0 39	15 42	0 21	8 0	17 12	2 37	3 7	20 19	17 54	5 34
S 18	19 5	10 35	2 23	9 27	1 23	3 7	0 41	11 25	1 2	13 21	1 15	10 40	1 46	6 52	0 39	15 42	0 21	8 0	17 13	2 35	3 6	20 22	17 54	5 35
M19	18 51	4 15	1 15	8 56	1 34	2 39	0 48	11 11	1 2	13 23	1 15	10 37	1 46	6 52	0 39	15 41	0 21	8 1	17 13	2 34	3 5	20 24	17 53	5 35
T 20	18 37	2s22	0 2	8 27	1 46	2 11	0 54	10 56	1 1	13 25	1 15	10 35	1 46	6 51	0 39	15 40	0 21	8 1	17 13	2 33	3 3	20 27	17 53	5 36
W21	18 22	8 56	1s12	7 58	1 57	1 43	1 1	10 42	1 1	13 26	1 15	10 32	1 46	6 51	0 39	15 40	0 21	8 2	17 14	2 34	3 2	20 29	17 53	5 36
T 22	18 7	15 7	2 22	7 31	2 9	1 15	1 8	10 28	1 0	13 28	1 15	10 30	1 45	6 51	0 39	15 39	0 21	8 2	17 14	2 34	3 1	20 32	17 53	5 36
F 23	17 52	20 33	3 24	7 4	2 21	0 47	1 15	10 14	1 0	13 29	1 16	10 27	1 45	6 51	0 39	15 38	0 21	8 2	17 14	2 34	3 0	20 34	17 52	5 37
S 24	17 37	24 50	4 14	6 39	2 33	0 20	1 22	9 59	0 59	13 31	1 16	10 24	1 45	6 51	0 39	15 38	0 21	8 3	17 15	2 33	2 58	20 37	17 52	5 37
S 25	17 21	27 36	4 48	6 16	2 44	0s 8	1 30	9 45	0 59	13 32	1 16	10 22	1 45	6 51	0 39	15 37	0 21	8 3	17 15	2 31	2 57	20 39	17 52	5 37
M26	17 5	28 34	5 5	5 54	2 56	0 36	1 37	9 30	0 59	13 34	1 16	10 19	1 45	6 50	0 39	15 36	0 21	8 4	17 15	2 29	2 56	20 42	17 51	5 38
T 27	16 48	27 38	5 2	5 34	3 7	1 3	1 45	9 15	0 58	13 35	1 16	10 16	1 45	6 50	0 39	15 35	0 21	8 4	17 16	2 26	2 55	20 44	17 51	5 38
W28	16 32	24 58	4 42	5 16	3 18	1 30	1 52	9 1	0 58	13 36	1 17	10 14	1 45	6 50	0 39	15 35	0 21	8 4	17 16	2 23	2 53	20 47	17 51	5 39
T 29	16 15	20 53	4 5	5 0	3 29	1 57	2 0	8 46	0 57	13 37	1 17	10 11	1 45	6 50	0 39	15 34	0 21	8 5	17 16	2 19	2 52	20 49	17 50	5 39
F 30	15 58	15 48	3 15	4 46	3 39	2 24	2 8	8 31	0 57	13 38	1 17	10 8	1 45	6 49	0 39	15 33	0 21	8 5	17 17	2 17	2 51	20 52	17 50	5 39
S 31	15n40	10s 6	2s16	4n34	3s49	2s51	2s16	8n16	0n56	13n39	1s17	10n 6	1n45	6n49	0s39	15n33	0n21	8s 6	17s17	2n15	2n49	20n54	17n49	5s40

Julian Day Number = 2304178.5, Delta T = 93.58 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'34, Lahiri = 18°13'34 Julian Calendar 1 July 1596 == Greg. Calendar 11 July 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

AUGUST 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 18 29	18♌18'33	22♓23	9°R17	2♎44	11♍47	10♉10	8♍27	18°R53	18♌52	20°R13	5°R35	7♈ 3	19♉23	28♊44	S 1
M 2	21 22 25	19°16'14	4♈53	9♍12	3°32	12°25	10°13	8°34	18♈52	18°55	20♈13	5°D35	7° 0	19°29	28°49	M 2
T 3	21 26 22	20°13'57	17° 6	9° 2	4°18	13° 3	10°17	8°41	18°51	18°57	20°12	5♈35	6°56	19°36	28°53	T 3
W 4	21 30 18	21°11'41	29° 8	8°46	5° 4	13°41	10°20	8°49	18°51	18°59	20°12	5°36	6°53	19°43	28°57	W 4
T 5	21 34 15	22° 9'27	11♉ 1	8°25	5°48	14°19	10°23	8°56	18°50	19° 1	20°11	5°38	6°50	19°49	29° 1	T 5
F 6	21 38 12	23° 7'15	22°52	7°57	6°32	14°57	10°26	9° 3	18°49	19° 3	20°11	5°R38	6°47	19°56	29° 5	F 6
S 7	21 42 8	24° 5'05	4♊44	7°24	7°15	15°36	10°29	9°11	18°47	19° 6	20°10	5°38	6°44	20° 3	29° 9	S 7
S 8	21 46 5	25° 2'56	16°44	6°46	7°57	16°14	10°31	9°18	18°46	19° 8	20°10	5°35	6°41	20° 9	29°14	S 8
M 9	21 50 1	26° 0'49	28°55	6° 3	8°38	16°52	10°34	9°25	18°45	19°10	20° 9	5°31	6°37	20°16	29°17	M 9
T 10	21 53 58	26°58'44	11♋22	5°16	9°18	17°31	10°36	9°33	18°44	19°12	20° 9	5°26	6°34	20°23	29°21	T 10
W11	21 57 54	27°56'41	24° 6	4°25	9°56	18° 9	10°38	9°40	18°43	19°14	20° 8	5°20	6°31	20°29	29°25	W11
T 12	22 1 51	28°54'39	7♌10	3°32	10°34	18°47	10°39	9°48	18°41	19°17	20° 7	5°14	6°28	20°36	29°29	T 12
F 13	22 5 47	29°52'39	20°33	2°36	11°11	19°26	10°41	9°55	18°40	19°19	20° 7	5° 8	6°25	20°43	29°33	F 13
S 14	22 9 44	0♍50'41	4♍12	1°40	11°46	20° 4	10°42	10° 3	18°39	19°21	20° 6	5° 4	6°22	20°50	29°37	S 14
S 15	22 13 41	1°48'44	18° 7	0°45	12°20	20°43	10°43	10°10	18°37	19°23	20° 5	5° 1	6°18	20°56	29°40	S 15
M16	22 17 37	2°46'49	2♎13	29♌51	12°52	21°22	10°44	10°18	18°36	19°25	20° 5	5°D 0	6°15	21° 3	29°44	M16
T 17	22 21 34	3°44'55	16°25	29° 0	13°24	22° 0	10°45	10°25	18°34	19°28	20° 4	5° 0	6°12	21°10	29°47	T 17
W18	22 25 30	4°43'03	0♏42	28°13	13°54	22°39	10°46	10°33	18°33	19°30	20° 3	5° 2	6° 9	21°16	29°51	W18
T 19	22 29 27	5°41'12	14°58	27°31	14°22	23°18	10°46	10°40	18°31	19°32	20° 2	5° 3	6° 6	21°23	29°54	T 19
F 20	22 33 23	6°39'23	29°13	26°55	14°49	23°56	10°R46	10°48	18°30	19°34	20° 2	5° 4	6° 2	21°30	29°57	F 20
S 21	22 37 20	7°37'35	13♐23	26°26	15°14	24°35	10°46	10°55	18°28	19°36	20° 1	5°R 4	5°59	21°36	0♋ 0	S 21
S 22	22 41 16	8°35'49	27°27	26° 5	15°38	25°14	10°46	11° 3	18°26	19°38	20° 0	5° 3	5°56	21°43	0° 4	S 22
M23	22 45 13	9°34'04	11♑22	25°52	16° 0	25°53	10°45	11°10	18°25	19°41	19°59	5° 1	5°53	21°50	0° 7	M23
T 24	22 49 10	10°32'21	25° 8	25°D48	16°20	26°32	10°45	11°18	18°23	19°43	19°58	4°58	5°50	21°56	0°10	T 24
W25	22 53 6	11°30'39	8♒42	25°53	16°38	27°11	10°44	11°25	18°21	19°45	19°58	4°54	5°47	22° 3	0°13	W25
T 26	22 57 3	12°28'59	22° 2	26° 7	16°54	27°50	10°43	11°33	18°19	19°47	19°57	4°51	5°43	22°10	0°16	T 26
F 27	23 0 59	13°27'21	5♓ 8	26°30	17° 8	28°29	10°42	11°40	18°17	19°49	19°56	4°48	5°40	22°16	0°18	F 27
S 28	23 4 56	14°25'44	17°59	27° 2	17°21	29° 8	10°40	11°48	18°16	19°51	19°55	4°46	5°37	22°23	0°21	S 28
S 29	23 8 52	15°24'09	0♈35	27°42	17°31	29°47	10°38	11°55	18°14	19°53	19°54	4°D45	5°34	22°30	0°24	S 29
M30	23 12 49	16°22'37	12°57	28°31	17°39	0♎26	10°37	12° 3	18°12	19°55	19°53	4°45	5°31	22°36	0°26	M30
T 31	23 16 45	17♍21'06	25♈ 6	29♌28	17♎45	1♎ 5	10♉35	12♍10	18♈10	19♌57	19♈52	4♈46	5♈28	22♉43	0♋29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n23	4s 7	1s11	4n25	3s59	3s18	2s24	8n 1	0n56	13n40	1s17	10n 3	1n45	6n49	0s39	15n32	0n21	8s 6	17s17	2n14	2n48	20n57	17n49	5s40
M 2	15 5	1n53	0 4	4 19	4 7	3 44	2 32	7 46	0 55	13 41	1 18	10 0	1 45	6 48	0 39	15 31	0 21	8 7	17 18	2 13	2 47	20 59	17 49	5 41
T 3	14 46	7 41	1n 2	4 16	4 15	4 10	2 41	7 31	0 55	13 42	1 18	9 57	1 45	6 48	0 39	15 31	0 21	8 7	17 18	2 13	2 46	21 2	17 48	5 41
W 4	14 28	13 7	2 4	4 15	4 22	4 36	2 49	7 16	0 55	13 43	1 18	9 55	1 45	6 48	0 39	15 30	0 21	8 8	17 18	2 14	2 44	21 4	17 48	5 42
T 5	14 9	18 1	3 0	4 18	4 28	5 2	2 58	7 1	0 54	13 44	1 18	9 52	1 45	6 47	0 39	15 29	0 21	8 8	17 18	2 14	2 43	21 7	17 47	5 42
F 6	13 51	22 12	3 48	4 24	4 32	5 27	3 6	6 46	0 54	13 45	1 18	9 49	1 45	6 47	0 39	15 29	0 21	8 8	17 19	2 15	2 42	21 9	17 47	5 42
S 7	13 31	25 30	4 27	4 33	4 35	5 52	3 15	6 31	0 53	13 45	1 19	9 46	1 45	6 46	0 39	15 28	0 21	8 9	17 19	2 14	2 41	21 12	17 47	5 43
S 8	13 12	27 42	4 54	4 46	4 37	6 17	3 24	6 15	0 53	13 46	1 19	9 44	1 45	6 46	0 39	15 27	0 21	8 9	17 19	2 14	2 39	21 14	17 46	5 43
M 9	12 53	28 38	5 8	5 1	4 37	6 41	3 33	6 0	0 52	13 46	1 19	9 41	1 45	6 45	0 39	15 27	0 21	8 10	17 20	2 12	2 38	21 17	17 46	5 44
T 10	12 33	28 8	5 9	5 20	4 35	7 5	3 42	5 45	0 52	13 47	1 19	9 38	1 45	6 45	0 39	15 26	0 21	8 10	17 20	2 10	2 37	21 19	17 45	5 44
W11	12 13	26 10	4 54	5 42	4 31	7 29	3 51	5 29	0 51	13 47	1 19	9 35	1 45	6 44	0 39	15 25	0 21	8 11	17 20	2 7	2 36	21 22	17 45	5 45
T 12	11 53	22 46	4 24	6 6	4 26	7 52	4 0	5 14	0 51	13 48	1 20	9 32	1 45	6 44	0 39	15 25	0 21	8 11	17 20	2 5	2 34	21 24	17 44	5 45
F 13	11 32	18 8	3 39	6 33	4 18	8 15	4 9	4 58	0 51	13 48	1 20	9 30	1 45	6 43	0 39	15 24	0 21	8 12	17 21	2 3	2 33	21 26	17 44	5 46
S 14	11 12	12 28	2 40	7 2	4 9	8 37	4 18	4 42	0 50	13 48	1 20	9 27	1 45	6 43	0 39	15 23	0 21	8 12	17 21	2 1	2 32	21 29	17 43	5 46
S 15	10 51	6 6	1 31	7 32	3 58	8 59	4 28	4 27	0 50	13 48	1 20	9 24	1 46	6 42	0 39	15 23	0 21	8 13	17 21	2 0	2 31	21 31	17 43	5 47
M16	10 30	0s39	0 15	8 3	3 45	9 21	4 37	4 11	0 49	13 48	1 20	9 21	1 46	6 42	0 39	15 22	0 21	8 13	17 22	1 59	2 29	21 34	17 42	5 47
T 17	10 9	7 26	1s 2	8 34	3 30	9 42	4 47	3 55	0 49	13 48	1 21	9 18	1 46	6 41	0 40	15 21	0 21	8 14	17 22	2 0	2 28	21 36	17 42	5 48
W18	9 48	13 52	2 16	9 5	3 14	10 2	4 56	3 40	0 48	13 48	1 21	9 16	1 46	6 41	0 40	15 21	0 21	8 14	17 22	2 0	2 27	21 38	17 41	5 48
T 19	9 27	19 34	3 22	9 36	2 57	10 22	5 6	3 24	0 48	13 48	1 21	9 13	1 46	6 40	0 40	15 20	0 21	8 15	17 22	2 1	2 26	21 41	17 41	5 49
F 20	9 5	24 10	4 14	10 5	2 39	10 41	5 15	3 8	0 47	13 48	1 21	9 10	1 46	6 39	0 40	15 19	0 21	8 15	17 23	2 1	2 24	21 43	17 40	5 49
S 21	8 44	27 17	4 52	10 32	2 20	11 0	5 25	2 52	0 47	13 48	1 21	9 7	1 46	6 39	0 40	15 19	0 21	8 16	17 23	2 1	2 23	21 46	17 40	5 50
S 22	8 22	28 39	5 11	10 57	2 1	11 18	5 34	2 36	0 46	13 48	1 22	9 4	1 46	6 38	0 40	15 18	0 21	8 16	17 23	2 1	2 22	21 48	17 39	5 50
M23	8 0	28 11	5 12	11 20	1 42	11 35	5 44	2 21	0 46	13 47	1 22	9 1	1 46	6 37	0 40	15 17	0 21	8 17	17 23	2 0	2 20	21 50	17 39	5 51
T 24	7 38	25 59	4 55	11 39	1 23	11 52	5 53	2 5	0 45	13 47	1 22	8 59	1 46	6 37	0 40	15 17	0 21	8 17	17 24	1 59	2 19	21 53	17 38	5 51
W25	7 16	22 19	4 21	11 55	1 4	12 8	6 3	1 49	0 45	13 47	1 22	8 56	1 46	6 36	0 40	15 16	0 21	8 18	17 24	1 57	2 18	21 55	17 38	5 52
T 26	6 53	17 34	3 34	12 8	0 46	12 22	6 12	1 33	0 44	13 46	1 22	8 53	1 46	6 35	0 40	15 15	0 21	8 18	17 24	1 56	2 17	21 57	17 37	5 52
F 27	6 31	12 4	2 36	12 16	0 28	12 37	6 21	1 17	0 44	13 46	1 23	8 50	1 46	6 35	0 40	15 15	0 21	8 19	17 24	1 55	2 15	22 0	17 37	5 53
S 28	6 9	6 9	1 31	12 21	0 11	12 50	6 30	1 1	0 43	13 45	1 23	8 47	1 46	6 34	0 40	15 14	0 21	8 19	17 24	1 54	2 14	22 2	17 36	5 54
S 29	5 46	0 7	0 23	12 22	0n 5	13 2	6 39	0 45	0 43	13 44	1 23	8 44	1 46	6 33	0 40	15 13	0 21	8 20	17 25	1 54	2 13	22 4	17 36	5 54
M30	5 23	5n49	0n45	12 20	0 20	13 13	6 48	0 29	0 42	13 43	1 23	8 42	1 46	6 32	0 40	15 13	0 21	8 21	17 25	1 54	2 12	22 7	17 35	5 55
T 31	5n 0	11n26	1n50	12n13	0n34	13s23	6s57	0n13	0n42	13n43	1s23	8n39	1n46	6n32	0s40	15n12	0n21	8s21	17s25	1n54	2n10	22n 9	17n34	5s55

Julian Day Number = 2304209.5, Delta T = 93.46 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'38, Lahiri = 18°13'38 Julian Calendar 1 Aug. 1596 == Greg. Calendar 11 Aug. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

SEPTEMBER 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 20 42	18♍19'37	7♉ 5	0♍32	17♎49	1♎44	10°R32	12♍18	18°R 8	19♑59	19°R51	4♈48	5♈24	22♉50	0♋31	W 1
T 2	23 24 38	19°18'11	18°57	1°43	17°R50	2°23	10♉30	12°25	18♈ 6	20° 1	19♈50	4°49	5°21	22°57	0°34	T 2
F 3	23 28 35	20°16'47	0♊48	3° 0	17°49	3° 3	10°27	12°33	18° 4	20° 3	19°49	4°50	5°18	23° 3	0°36	F 3
S 4	23 32 32	21°15'25	12°40	4°22	17°46	3°42	10°24	12°40	18° 2	20° 5	19°48	4°51	5°15	23°10	0°38	S 4
S 5	23 36 28	22°14'05	24°39	5°50	17°40	4°21	10°21	12°48	17°59	20° 7	19°47	4°R51	5°12	23°17	0°41	S 5
M 6	23 40 25	23°12'47	6♋50	7°21	17°32	5° 1	10°18	12°55	17°57	20° 9	19°46	4°51	5° 8	23°23	0°43	M 6
T 7	23 44 21	24°11'32	19°16	8°57	17°22	5°40	10°15	13° 3	17°55	20°11	19°45	4°50	5° 5	23°30	0°45	T 7
W 8	23 48 18	25°10'19	2♌ 2	10°35	17° 9	6°19	10°11	13°10	17°53	20°13	19°44	4°49	5° 2	23°37	0°47	W 8
T 9	23 52 14	26° 9'08	15°11	12°16	16°54	6°59	10° 7	13°18	17°51	20°15	19°43	4°48	4°59	23°43	0°48	T 9
F 10	23 56 11	27° 8'00	28°42	13°59	16°36	7°39	10° 3	13°25	17°49	20°17	19°42	4°47	4°56	23°50	0°50	F 10
S 11	0 0 7	28° 6'53	12♍37	15°44	16°16	8°18	9°59	13°33	17°46	20°18	19°41	4°46	4°53	23°57	0°52	S 11
S 12	0 4 4	29° 5'49	26°51	17°30	15°54	8°58	9°55	13°40	17°44	20°20	19°40	4°46	4°49	24° 3	0°53	S 12
M13	0 8 1	0♎ 4'46	11♎22	19°17	15°30	9°37	9°50	13°47	17°42	20°22	19°39	4°D46	4°46	24°10	0°55	M13
T 14	0 11 57	1° 3'46	26° 2	21° 5	15° 4	10°17	9°46	13°55	17°39	20°24	19°38	4°46	4°43	24°17	0°56	T 14
W15	0 15 54	2° 2'48	10♏45	22°53	14°36	10°57	9°41	14° 2	17°37	20°26	19°37	4°46	4°40	24°23	0°58	W15
T 16	0 19 50	3° 1'51	25°25	24°41	14° 7	11°37	9°36	14° 9	17°35	20°27	19°36	4°46	4°37	24°30	0°59	T 16
F 17	0 23 47	4° 0'56	9♐55	26°29	13°35	12°17	9°30	14°16	17°32	20°29	19°35	4°46	4°34	24°37	1° 0	F 17
S 18	0 27 43	5° 0'04	24°13	28°17	13° 3	12°56	9°25	14°24	17°30	20°31	19°34	4°R46	4°30	24°44	1° 1	S 18
S 19	0 31 40	5°59'13	8♑15	0♎ 5	12°29	13°36	9°19	14°31	17°28	20°33	19°33	4°D46	4°27	24°50	1° 2	S 19
M20	0 35 36	6°58'23	22° 0	1°52	11°54	14°16	9°14	14°38	17°25	20°34	19°31	4°46	4°24	24°57	1° 3	M20
T 21	0 39 33	7°57'36	5♒28	3°39	11°18	14°56	9° 8	14°45	17°23	20°36	19°30	4°47	4°21	25° 4	1° 4	T 21
W22	0 43 30	8°56'50	18°41	5°25	10°41	15°36	9° 2	14°52	17°20	20°37	19°29	4°47	4°18	25°10	1° 5	W22
T 23	0 47 26	9°56'06	1♓38	7°11	10° 5	16°16	8°56	14°59	17°18	20°39	19°28	4°48	4°14	25°17	1° 6	T 23
F 24	0 51 23	10°55'23	14°22	8°56	9°28	16°57	8°49	15° 6	17°16	20°41	19°27	4°48	4°11	25°24	1° 6	F 24
S 25	0 55 19	11°54'43	26°53	10°40	8°51	17°37	8°43	15°14	17°13	20°42	19°26	4°48	4° 8	25°30	1° 7	S 25
S 26	0 59 16	12°54'05	9♈13	12°24	8°15	18°17	8°37	15°20	17°11	20°44	19°25	4°R48	4° 5	25°37	1° 7	S 26
M27	1 3 12	13°53'28	21°23	14° 7	7°39	18°57	8°30	15°27	17° 8	20°45	19°24	4°48	4° 2	25°44	1° 7	M27
T 28	1 7 9	14°52'54	3♉24	15°49	7° 4	19°37	8°23	15°34	17° 6	20°47	19°22	4°47	3°59	25°50	1° 8	T 28
W29	1 11 5	15°52'22	15°20	17°30	6°31	20°18	8°16	15°41	17° 3	20°48	19°21	4°46	3°55	25°57	1° 8	W29
T 30	1 15 2	16♎51'52	27♉11	19♎11	5♎58	20♎58	8♉ 9	15♍48	17♈ 1	20♑50	19♈20	4♈44	3♈52	26♉ 4	1♋ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n38	16n34	2n49	12n 2	0n47	13s33	7s 5	0s 3	0n42	13n42	1s23	8n36	1n46	6n31	0s40	15n11	0n21	8s22	17s25	1n55	2n 9	22n11	17n34	5s56
T 2	4 15	21 2	3 41	11 48	0 58	13 41	7 14	0 19	0 41	13 41	1 24	8 33	1 46	6 30	0 40	15 11	0 21	8 22	17 25	1 55	2 8	22 14	17 33	5 56
F 3	3 52	24 38	4 23	11 30	1 9	13 48	7 21	0 36	0 41	13 40	1 24	8 30	1 47	6 29	0 40	15 10	0 21	8 23	17 26	1 56	2 7	22 16	17 33	5 57
S 4	3 28	27 13	4 53	11 8	1 18	13 53	7 29	0 52	0 40	13 39	1 24	8 28	1 47	6 28	0 40	15 10	0 21	8 23	17 26	1 56	2 5	22 18	17 32	5 58
S 5	3 5	28 34	5 12	10 44	1 26	13 58	7 36	1 8	0 40	13 38	1 24	8 25	1 47	6 28	0 40	15 9	0 22	8 24	17 26	1 56	2 4	22 21	17 31	5 58
M 6	2 42	28 35	5 16	10 16	1 33	14 1	7 43	1 24	0 39	13 37	1 24	8 22	1 47	6 27	0 40	15 8	0 22	8 24	17 26	1 56	2 3	22 23	17 31	5 59
T 7	2 19	27 10	5 7	9 45	1 39	14 3	7 49	1 40	0 39	13 35	1 24	8 19	1 47	6 26	0 40	15 8	0 22	8 25	17 26	1 55	2 2	22 25	17 30	5 59
W 8	1 55	24 19	4 42	9 13	1 43	14 3	7 55	1 56	0 38	13 34	1 25	8 16	1 47	6 25	0 40	15 7	0 22	8 25	17 26	1 55	2 0	22 27	17 30	6 0
T 9	1 32	20 10	4 2	8 37	1 47	14 2	8 1	2 12	0 38	13 33	1 25	8 14	1 47	6 24	0 40	15 7	0 22	8 26	17 27	1 55	1 59	22 30	17 29	6 0
F 10	1 9	14 52	3 7	8 0	1 50	14 0	8 5	2 28	0 37	13 31	1 25	8 11	1 47	6 23	0 40	15 6	0 22	8 26	17 27	1 54	1 58	22 32	17 28	6 1
S 11	0 45	8 41	2 0	7 21	1 52	13 56	8 9	2 44	0 37	13 30	1 25	8 8	1 47	6 23	0 40	15 6	0 22	8 27	17 27	1 54	1 57	22 34	17 28	6 2
S 12	0 22	1 55	0 44	6 40	1 52	13 50	8 13	3 1	0 36	13 28	1 25	8 5	1 47	6 22	0 40	15 5	0 22	8 27	17 27	1 54	1 55	22 36	17 27	6 2
M13	0s 2	5s 4	0s37	5 59	1 53	13 43	8 16	3 17	0 36	13 27	1 25	8 3	1 47	6 21	0 40	15 4	0 22	8 28	17 27	1 54	1 54	22 39	17 27	6 3
T 14	0 25	11 52	1 55	5 16	1 52	13 35	8 18	3 33	0 35	13 25	1 25	8 0	1 48	6 20	0 40	15 4	0 22	8 28	17 27	1 54	1 53	22 41	17 26	6 3
W15	0 49	18 2	3 7	4 32	1 51	13 25	8 19	3 49	0 35	13 24	1 26	7 57	1 48	6 19	0 40	15 3	0 22	8 29	17 27	1 54	1 51	22 43	17 25	6 4
T 16	1 12	23 8	4 6	3 47	1 49	13 14	8 19	4 5	0 34	13 22	1 26	7 54	1 48	6 18	0 40	15 3	0 22	8 29	17 27	1 54	1 50	22 45	17 25	6 5
F 17	1 36	26 44	4 48	3 2	1 46	13 1	8 19	4 21	0 33	13 20	1 26	7 52	1 48	6 17	0 40	15 2	0 22	8 30	17 27	1 54	1 49	22 48	17 24	6 5
S 18	1 59	28 34	5 12	2 16	1 43	12 47	8 18	4 37	0 33	13 18	1 26	7 49	1 48	6 16	0 40	15 2	0 22	8 30	17 28	1 54	1 48	22 50	17 24	6 6
S 19	2 23	28 30	5 17	1 30	1 40	12 32	8 15	4 53	0 32	13 16	1 26	7 46	1 48	6 15	0 40	15 1	0 22	8 31	17 28	1 54	1 46	22 52	17 23	6 6
M20	2 46	26 41	5 3	0 43	1 36	12 15	8 12	5 9	0 32	13 15	1 26	7 44	1 48	6 14	0 40	15 1	0 22	8 31	17 28	1 54	1 45	22 54	17 22	6 7
T 21	3 10	23 21	4 33	0s 3	1 32	11 57	8 8	5 25	0 31	13 13	1 26	7 41	1 48	6 14	0 40	15 0	0 22	8 31	17 28	1 54	1 44	22 56	17 22	6 8
W22	3 33	18 53	3 49	0 49	1 27	11 38	8 3	5 41	0 31	13 11	1 26	7 38	1 48	6 13	0 40	15 0	0 22	8 32	17 28	1 54	1 43	22 59	17 21	6 8
T 23	3 57	13 37	2 54	1 36	1 22	11 18	7 57	5 57	0 30	13 9	1 26	7 36	1 49	6 12	0 40	14 59	0 22	8 32	17 28	1 55	1 41	23 1	17 20	6 9
F 24	4 20	7 53	1 51	2 22	1 17	10 57	7 51	6 13	0 30	13 6	1 26	7 33	1 49	6 11	0 40	14 59	0 22	8 33	17 28	1 55	1 40	23 3	17 20	6 10
S 25	4 43	1 55	0 44	3 8	1 12	10 36	7 43	6 29	0 29	13 4	1 27	7 30	1 49	6 10	0 40	14 58	0 22	8 33	17 28	1 55	1 39	23 5	17 19	6 10
S 26	5 6	4n 2	0n24	3 54	1 6	10 14	7 34	6 44	0 29	13 2	1 27	7 28	1 49	6 9	0 40	14 58	0 22	8 34	17 28	1 55	1 38	23 7	17 19	6 11
M27	5 30	9 45	1 31	4 39	1 0	9 51	7 25	7 0	0 28	13 0	1 27	7 25	1 49	6 8	0 40	14 57	0 22	8 34	17 28	1 55	1 36	23 10	17 18	6 11
T 28	5 53	15 3	2 32	5 24	0 54	9 28	7 15	7 16	0 28	12 58	1 27	7 23	1 49	6 7	0 40	14 57	0 22	8 35	17 28	1 54	1 35	23 12	17 17	6 12
W29	6 16	19 45	3 26	6 9	0 48	9 5	7 5	7 32	0 27	12 55	1 27	7 20	1 49	6 6	0 40	14 56	0 22	8 35	17 28	1 54	1 34	23 14	17 17	6 13
T 30	6s38	23n39	4n11	6s53	0n42	8s42	6s53	7s47	0n27	12n53	1s27	7n18	1n50	6n 5	0s40	14n56	0n22	8s35	17s28	1n53	1n33	23n16	17n16	6s13

Julian Day Number = 2304240.5, Delta T = 93.34 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'42, Lahiri = 18°13'42 Julian Calendar 1 Sept. 1596 == Greg. Calendar 11 Sept. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

OCTOBER 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 18 59	17♎51'25	9♊ 1	20♎51	5°R28	21♎39	8°R 2	15♍55	16°R59	20♏51	19°R19	4°R42	3♈49	26♉11	1°R 8	F 1
S 2	1 22 55	18°50'59	20°53	22°31	4♎59	22°19	7♉55	16° 2	16♈56	20°52	19♈18	4♈40	3°46	26°17	1♋ 8	S 2
S 3	1 26 52	19°50'36	2♋51	24°10	4°32	23° 0	7°47	16° 8	16°54	20°54	19°17	4°39	3°43	26°24	1° 8	S 3
M 4	1 30 48	20°50'16	14°59	25°48	4° 6	23°40	7°40	16°15	16°51	20°55	19°16	4°38	3°39	26°31	1° 7	M 4
T 5	1 34 45	21°49'57	27°21	27°26	3°43	24°21	7°32	16°22	16°49	20°56	19°14	4°D38	3°36	26°37	1° 7	T 5
W 6	1 38 41	22°49'41	10♌ 3	29° 3	3°23	25° 1	7°25	16°28	16°46	20°58	19°13	4°39	3°33	26°44	1° 7	W 6
T 7	1 42 38	23°49'27	23° 6	0♏39	3° 4	25°42	7°17	16°35	16°44	20°59	19°12	4°40	3°30	26°51	1° 6	T 7
F 8	1 46 34	24°49'16	6♍36	2°15	2°48	26°23	7° 9	16°41	16°42	21° 0	19°11	4°41	3°27	26°57	1° 6	F 8
S 9	1 50 31	25°49'06	20°32	3°50	2°34	27° 4	7° 1	16°48	16°39	21° 1	19°10	4°43	3°24	27° 4	1° 5	S 9
S 10	1 54 28	26°48'59	4♎54	5°25	2°23	27°44	6°53	16°54	16°37	21° 2	19° 9	4°R43	3°20	27°11	1° 4	S 10
M11	1 58 24	27°48'53	19°39	6°59	2°14	28°25	6°45	17° 0	16°34	21° 3	19° 8	4°43	3°17	27°18	1° 3	M11
T 12	2 2 21	28°48'50	4♏39	8°33	2° 8	29° 6	6°37	17° 7	16°32	21° 5	19° 6	4°41	3°14	27°24	1° 2	T 12
W13	2 6 17	29°48'49	19°46	10° 6	2° 4	29°47	6°29	17°13	16°30	21° 6	19° 5	4°38	3°11	27°31	1° 1	W13
T 14	2 10 14	0♏48'49	4♐51	11°39	2°D 2	0♏28	6°21	17°19	16°27	21° 7	19° 4	4°34	3° 8	27°38	1° 0	T 14
F 15	2 14 10	1°48'52	19°44	13°11	2° 3	1° 9	6°13	17°25	16°25	21° 8	19° 3	4°30	3° 5	27°44	0°59	F 15
S 16	2 18 7	2°48'56	4♑18	14°43	2° 7	1°50	6° 5	17°31	16°23	21° 9	19° 2	4°27	3° 1	27°51	0°58	S 16
S 17	2 22 3	3°49'02	18°30	16°14	2°12	2°31	5°57	17°37	16°20	21°10	19° 1	4°25	2°58	27°58	0°56	S 17
M18	2 26 0	4°49'09	2♒17	17°45	2°20	3°13	5°49	17°43	16°18	21°10	19° 0	4°D24	2°55	28° 4	0°55	M18
T 19	2 29 57	5°49'17	15°39	19°16	2°30	3°54	5°41	17°49	16°16	21°11	18°59	4°24	2°52	28°11	0°53	T 19
W20	2 33 53	6°49'28	28°40	20°46	2°43	4°35	5°32	17°55	16°13	21°12	18°58	4°26	2°49	28°18	0°52	W20
T 21	2 37 50	7°49'39	11♓22	22°15	2°57	5°16	5°24	18° 1	16°11	21°13	18°56	4°27	2°45	28°25	0°50	T 21
F 22	2 41 46	8°49'52	23°50	23°44	3°14	5°58	5°16	18° 6	16° 9	21°14	18°55	4°29	2°42	28°31	0°48	F 22
S 23	2 45 43	9°50'07	6♈ 5	25°13	3°32	6°39	5° 8	18°12	16° 7	21°14	18°54	4°R29	2°39	28°38	0°46	S 23
S 24	2 49 39	10°50'24	18°11	26°41	3°53	7°21	5° 0	18°18	16° 5	21°15	18°53	4°28	2°36	28°45	0°44	S 24
M25	2 53 36	11°50'42	0♉10	28° 9	4°15	8° 2	4°52	18°23	16° 3	21°16	18°52	4°25	2°33	28°51	0°42	M25
T 26	2 57 32	12°51'01	12° 5	29°36	4°39	8°44	4°44	18°28	16° 0	21°17	18°51	4°20	2°30	28°58	0°40	T 26
W27	3 1 29	13°51'23	23°57	1♗ 2	5° 5	9°25	4°36	18°34	15°58	21°17	18°50	4°14	2°26	29° 5	0°38	W27
T 28	3 5 26	14°51'46	5♊48	2°28	5°33	10° 7	4°28	18°39	15°56	21°18	18°49	4° 6	2°23	29°11	0°36	T 28
F 29	3 9 22	15°52'11	17°40	3°54	6° 2	10°49	4°20	18°44	15°54	21°18	18°48	3°58	2°20	29°18	0°34	F 29
S 30	3 13 19	16°52'38	29°34	5°18	6°33	11°30	4°12	18°49	15°52	21°19	18°47	3°50	2°17	29°25	0°31	S 30
S 31	3 17 15	17♏53'07	11♋34	6♐42	7♎ 6	12♏12	4♉ 5	18♍55	15♈50	21♏19	18♈46	3♈43	2♈14	29♉32	0♋29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s 1	26n33	4n45	7s37	0n35	8s19	6s41	8s 3	0n26	12n51	1s27	7n15	1n50	6n 4	0s40	14n56	0n22	8s36	17s28	1n52	1n31	23n18	17n16	6s14
S 2	7 24	28 17	5 7	8 20	0 29	7 56	6 29	8 19	0 26	12 48	1 27	7 13	1 50	6 3	0 40	14 55	0 22	8 36	17 28	1 52	1 30	23 20	17 15	6 14
S 3	7 47	28 43	5 16	9 3	0 22	7 33	6 16	8 34	0 25	12 46	1 27	7 10	1 50	6 2	0 40	14 55	0 22	8 37	17 28	1 51	1 29	23 22	17 14	6 15
M 4	8 9	27 48	5 11	9 45	0 15	7 11	6 3	8 50	0 25	12 44	1 27	7 8	1 50	6 1	0 40	14 54	0 22	8 37	17 28	1 51	1 27	23 24	17 14	6 16
T 5	8 32	25 30	4 51	10 27	0 8	6 49	5 49	9 5	0 24	12 41	1 27	7 5	1 50	6 1	0 40	14 54	0 22	8 38	17 28	1 51	1 26	23 27	17 13	6 16
W 6	8 54	21 54	4 18	11 8	0 2	6 28	5 35	9 21	0 23	12 39	1 27	7 3	1 50	6 0	0 40	14 54	0 22	8 38	17 28	1 51	1 25	23 29	17 13	6 17
T 7	9 16	17 9	3 30	11 48	0s 5	6 8	5 21	9 36	0 23	12 36	1 27	7 0	1 51	5 59	0 40	14 53	0 22	8 38	17 28	1 52	1 24	23 31	17 12	6 17
F 8	9 38	11 25	2 29	12 28	0 12	5 48	5 7	9 51	0 22	12 34	1 27	6 58	1 51	5 58	0 40	14 53	0 22	8 39	17 28	1 52	1 22	23 33	17 11	6 18
S 9	10 0	4 57	1 17	13 7	0 19	5 30	4 53	10 7	0 22	12 31	1 27	6 56	1 51	5 57	0 40	14 52	0 22	8 39	17 28	1 53	1 21	23 35	17 11	6 19
S 10	10 22	1s58	0s 1	13 45	0 25	5 12	4 38	10 22	0 21	12 29	1 27	6 53	1 51	5 56	0 40	14 52	0 22	8 39	17 28	1 53	1 20	23 37	17 10	6 19
M11	10 43	8 57	1 21	14 23	0 32	4 55	4 24	10 37	0 21	12 26	1 27	6 51	1 51	5 55	0 40	14 52	0 22	8 40	17 28	1 53	1 19	23 39	17 10	6 20
T 12	11 5	15 34	2 37	15 0	0 39	4 40	4 9	10 52	0 20	12 23	1 27	6 49	1 51	5 54	0 40	14 51	0 22	8 40	17 28	1 52	1 17	23 41	17 9	6 20
W13	11 26	21 17	3 43	15 36	0 45	4 25	3 55	11 7	0 20	12 21	1 27	6 46	1 52	5 53	0 40	14 51	0 22	8 40	17 28	1 51	1 16	23 43	17 8	6 21
T 14	11 47	25 37	4 32	16 11	0 52	4 11	3 41	11 22	0 19	12 18	1 27	6 44	1 52	5 52	0 40	14 51	0 22	8 41	17 28	1 49	1 15	23 45	17 8	6 22
F 15	12 8	28 8	5 3	16 46	0 58	3 59	3 27	11 37	0 18	12 16	1 27	6 42	1 52	5 51	0 40	14 50	0 22	8 41	17 27	1 48	1 14	23 47	17 7	6 22
S 16	12 29	28 39	5 13	17 19	1 5	3 47	3 13	11 52	0 18	12 13	1 27	6 40	1 52	5 51	0 40	14 50	0 22	8 41	17 27	1 46	1 12	23 49	17 7	6 23
S 17	12 49	27 14	5 4	17 52	1 11	3 37	2 59	12 6	0 17	12 10	1 27	6 38	1 52	5 50	0 40	14 50	0 22	8 42	17 27	1 46	1 11	23 52	17 6	6 23
M18	13 9	24 12	4 37	18 24	1 17	3 28	2 46	12 21	0 17	12 8	1 27	6 35	1 53	5 49	0 40	14 50	0 22	8 42	17 27	1 45	1 10	23 54	17 6	6 24
T 19	13 30	19 56	3 56	18 55	1 23	3 20	2 32	12 36	0 16	12 5	1 26	6 33	1 53	5 48	0 40	14 49	0 22	8 42	17 27	1 45	1 8	23 56	17 5	6 25
W20	13 49	14 50	3 3	19 25	1 29	3 12	2 19	12 50	0 16	12 2	1 26	6 31	1 53	5 47	0 40	14 49	0 22	8 43	17 27	1 46	1 7	23 58	17 4	6 25
T 21	14 9	9 13	2 3	19 54	1 35	3 6	2 6	13 4	0 15	12 0	1 26	6 29	1 53	5 46	0 40	14 49	0 22	8 43	17 27	1 46	1 6	24 0	17 4	6 26
F 22	14 29	3 21	0 58	20 22	1 40	3 1	1 54	13 19	0 15	11 57	1 26	6 27	1 53	5 45	0 40	14 49	0 22	8 43	17 27	1 47	1 5	24 2	17 3	6 26
S 23	14 48	2n33	0n 9	20 49	1 46	2 58	1 41	13 33	0 14	11 55	1 26	6 25	1 54	5 45	0 40	14 48	0 23	8 43	17 27	1 47	1 3	24 4	17 3	6 27
S 24	15 7	8 17	1 14	21 15	1 51	2 55	1 29	13 47	0 13	11 52	1 26	6 23	1 54	5 44	0 40	14 48	0 23	8 44	17 26	1 47	1 2	24 6	17 2	6 27
M25	15 25	13 40	2 15	21 40	1 56	2 53	1 18	14 1	0 13	11 49	1 26	6 21	1 54	5 43	0 39	14 48	0 23	8 44	17 26	1 46	1 1	24 8	17 2	6 28
T 26	15 44	18 30	3 10	22 4	2 1	2 52	1 6	14 15	0 12	11 47	1 26	6 19	1 54	5 42	0 39	14 48	0 23	8 44	17 26	1 44	1 0	24 10	17 1	6 28
W27	16 2	22 37	3 56	22 27	2 5	2 52	0 55	14 29	0 12	11 44	1 26	6 17	1 54	5 41	0 39	14 48	0 23	8 44	17 26	1 41	0 58	24 12	17 1	6 29
T 28	16 20	25 47	4 32	22 49	2 9	2 53	0 44	14 43	0 11	11 42	1 25	6 15	1 55	5 41	0 39	14 48	0 23	8 45	17 26	1 38	0 57	24 14	17 0	6 29
F 29	16 38	27 50	4 56	23 9	2 13	2 55	0 34	14 56	0 10	11 39	1 25	6 13	1 55	5 40	0 39	14 47	0 23	8 45	17 26	1 35	0 56	24 16	17 0	6 30
S 30	16 55	28 37	5 7	23 29	2 17	2 58	0 23	15 10	0 10	11 37	1 25	6 12	1 55	5 39	0 39	14 47	0 23	8 45	17 25	1 32	0 55	24 17	16 59	6 30
S 31	17s12	28n 4	5n 5	23s47	2s20	3s 2	0s13	15s23	0n 9	11n34	1s25	6n10	1n55	5n38	0s39	14n47	0n23	8s45	17s25	1n29	0n53	24n19	16n59	6s31

Julian Day Number = 2304270.5, Delta T = 93.23 sec
Ecliptic obliquity = 23°29'40, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'46, Lahiri = 18°13'47 Julian Calendar 1 Oct. 1596 == Greg. Calendar 11 Oct. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

NOVEMBER 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 21 12	18♏53'37	23♋41	8♐ 5	7♎40	12♏54	3°R57	19♍ 0	15°R48	21♌20	18°R45	3°R38	2♈11	29♉38	0°R26	M 1
T 2	3 25 8	19°54'09	6♌ 1	9°27	8°15	13°36	3♉49	19° 4	15♈46	21°20	18♈44	3♈35	2° 7	29°45	0♋24	T 2
W 3	3 29 5	20°54'43	18°36	10°48	8°52	14°18	3°42	19° 9	15°45	21°20	18°43	3°D33	2° 4	29°52	0°21	W 3
T 4	3 33 1	21°55'19	1♍32	12° 7	9°30	15° 0	3°35	19°14	15°43	21°21	18°42	3°34	2° 1	29°58	0°18	T 4
F 5	3 36 58	22°55'57	14°52	13°26	10° 9	15°42	3°27	19°19	15°41	21°21	18°41	3°35	1°58	0♊ 5	0°16	F 5
S 6	3 40 55	23°56'36	28°39	14°42	10°50	16°24	3°20	19°23	15°39	21°21	18°41	3°R36	1°55	0°12	0°13	S 6
S 7	3 44 51	24°57'17	12♎54	15°57	11°32	17° 6	3°13	19°28	15°37	21°22	18°40	3°36	1°51	0°18	0°10	S 7
M 8	3 48 48	25°57'59	27°35	17°10	12°15	17°48	3° 6	19°32	15°36	21°22	18°39	3°33	1°48	0°25	0° 7	M 8
T 9	3 52 44	26°58'44	12♏39	18°21	12°59	18°30	2°59	19°37	15°34	21°22	18°38	3°29	1°45	0°32	0° 4	T 9
W10	3 56 41	27°59'29	27°56	19°28	13°44	19°12	2°53	19°41	15°32	21°22	18°37	3°22	1°42	0°39	0° 1	W10
T 11	4 0 37	29° 0'16	13♐16	20°33	14°30	19°55	2°46	19°45	15°31	21°22	18°36	3°13	1°39	0°45	29♊58	T 11
F 12	4 4 34	0♑ 1'05	28°26	21°35	15°16	20°37	2°40	19°49	15°29	21°22	18°35	3° 4	1°36	0°52	29°54	F 12
S 13	4 8 30	1° 1'54	13♑19	22°32	16° 4	21°19	2°33	19°53	15°28	21°R22	18°35	2°56	1°32	0°59	29°51	S 13
S 14	4 12 27	2° 2'45	27°45	23°25	16°53	22° 2	2°27	19°57	15°26	21°22	18°34	2°49	1°29	1° 5	29°48	S 14
M15	4 16 24	3° 3'36	11♒42	24°13	17°43	22°44	2°21	20° 1	15°25	21°22	18°33	2°44	1°26	1°12	29°45	M15
T 16	4 20 20	4° 4'28	25° 9	24°55	18°33	23°27	2°15	20° 4	15°23	21°22	18°32	2°42	1°23	1°19	29°41	T 16
W17	4 24 17	5° 5'21	8♓10	25°31	19°24	24° 9	2°10	20° 8	15°22	21°22	18°31	2°D42	1°20	1°25	29°38	W17
T 18	4 28 13	6° 6'14	20°48	25°59	20°16	24°52	2° 4	20°12	15°21	21°22	18°31	2°43	1°17	1°32	29°34	T 18
F 19	4 32 10	7° 7'09	3♈ 8	26°19	21° 9	25°34	1°59	20°15	15°20	21°22	18°30	2°R43	1°13	1°39	29°31	F 19
S 20	4 36 6	8° 8'04	15°14	26°31	22° 2	26°17	1°54	20°18	15°18	21°22	18°29	2°42	1°10	1°46	29°27	S 20
S 21	4 40 3	9° 9'00	27°12	26°R32	22°56	27° 0	1°49	20°22	15°17	21°21	18°29	2°39	1° 7	1°52	29°23	S 21
M22	4 43 59	10° 9'57	9♉ 5	26°22	23°51	27°43	1°44	20°25	15°16	21°21	18°28	2°33	1° 4	1°59	29°20	M22
T 23	4 47 56	11°10'55	20°55	26° 2	24°47	28°25	1°39	20°28	15°15	21°21	18°27	2°25	1° 1	2° 6	29°16	T 23
W24	4 51 53	12°11'53	2♊46	25°30	25°43	29° 8	1°35	20°31	15°14	21°20	18°27	2°13	0°57	2°12	29°12	W24
T 25	4 55 49	13°12'53	14°39	24°47	26°39	29°51	1°30	20°34	15°13	21°20	18°26	2° 0	0°54	2°19	29° 8	T 25
F 26	4 59 46	14°13'53	26°35	23°53	27°36	0♐34	1°26	20°36	15°12	21°20	18°26	1°46	0°51	2°26	29° 5	F 26
S 27	5 3 42	15°14'54	8♋36	22°49	28°34	1°17	1°22	20°39	15°11	21°19	18°25	1°32	0°48	2°33	29° 1	S 27
S 28	5 7 39	16°15'56	20°43	21°37	29°32	2° 0	1°19	20°42	15°10	21°19	18°24	1°20	0°45	2°39	28°57	S 28
M29	5 11 35	17°16'59	2♌57	20°18	0♏31	2°43	1°15	20°44	15°10	21°18	18°24	1°10	0°42	2°46	28°53	M29
T 30	5 15 32	18♐18'03	15♌21	18♐56	1♏30	3♐26	1♉12	20♍46	15♈ 9	21♌18	18♈23	1♈ 3	0♈38	2♊53	28♊49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s29	26n10	4n50	24s 4	2s23	3s 6	0s 4	15s36	0n 9	11n32	1s25	6n 8	1n55	5n38	0s39	14n47	0n23	8s45	17s25	1n27	0n52	24n21	16n58	6s31
T 2	17 45	23 1	4 21	24 19	2 26	3 12	0n 6	15 50	0 8	11 30	1 25	6 6	1 56	5 37	0 39	14 47	0 23	8 46	17 25	1 26	0 51	24 23	16 58	6 32
W 3	18 1	18 44	3 38	24 33	2 28	3 18	0 15	16 3	0 8	11 27	1 24	6 5	1 56	5 36	0 39	14 47	0 23	8 46	17 25	1 25	0 49	24 25	16 57	6 32
T 4	18 17	13 30	2 44	24 46	2 30	3 25	0 24	16 16	0 7	11 25	1 24	6 3	1 56	5 36	0 39	14 47	0 23	8 46	17 24	1 25	0 48	24 27	16 57	6 33
F 5	18 33	7 30	1 39	24 57	2 31	3 32	0 32	16 28	0 6	11 23	1 24	6 1	1 56	5 35	0 39	14 47	0 23	8 46	17 24	1 26	0 47	24 29	16 56	6 33
S 6	18 48	0 57	0 27	25 7	2 32	3 41	0 40	16 41	0 6	11 20	1 24	6 0	1 57	5 34	0 39	14 47	0 23	8 46	17 24	1 26	0 46	24 31	16 56	6 34
S 7	19 3	5s52	0s50	25 16	2 32	3 50	0 48	16 54	0 5	11 18	1 24	5 58	1 57	5 34	0 39	14 47	0 23	8 46	17 24	1 26	0 44	24 33	16 55	6 34
M 8	19 17	12 35	2 5	25 23	2 31	3 59	0 56	17 6	0 5	11 16	1 23	5 57	1 57	5 33	0 39	14 46	0 23	8 46	17 24	1 25	0 43	24 35	16 55	6 35
T 9	19 32	18 44	3 14	25 29	2 30	4 10	1 3	17 19	0 4	11 14	1 23	5 55	1 57	5 32	0 39	14 46	0 23	8 46	17 23	1 23	0 42	24 37	16 55	6 35
W10	19 45	23 47	4 9	25 33	2 28	4 21	1 11	17 31	0 3	11 12	1 23	5 54	1 58	5 32	0 39	14 46	0 23	8 47	17 23	1 20	0 41	24 39	16 54	6 35
T 11	19 59	27 11	4 47	25 35	2 26	4 32	1 17	17 43	0 3	11 10	1 23	5 52	1 58	5 31	0 39	14 46	0 23	8 47	17 23	1 17	0 39	24 40	16 54	6 36
F 12	20 12	28 33	5 4	25 36	2 23	4 44	1 24	17 55	0 2	11 8	1 23	5 51	1 58	5 31	0 39	14 46	0 23	8 47	17 23	1 13	0 38	24 42	16 53	6 36
S 13	20 25	27 48	5 0	25 35	2 18	4 57	1 30	18 6	0 2	11 6	1 22	5 50	1 58	5 30	0 39	14 46	0 23	8 47	17 22	1 10	0 37	24 44	16 53	6 37
S 14	20 37	25 11	4 37	25 33	2 13	5 10	1 37	18 18	0 1	11 4	1 22	5 48	1 59	5 30	0 39	14 46	0 23	8 47	17 22	1 7	0 36	24 46	16 53	6 37
M15	20 49	21 7	3 58	25 29	2 7	5 23	1 42	18 30	0 0	11 2	1 22	5 47	1 59	5 29	0 39	14 46	0 23	8 47	17 22	1 6	0 34	24 48	16 52	6 37
T 16	21 1	16 5	3 6	25 23	1 59	5 37	1 48	18 41	0s 0	11 0	1 22	5 46	1 59	5 29	0 39	14 47	0 23	8 47	17 22	1 5	0 33	24 50	16 52	6 38
W17	21 12	10 29	2 7	25 16	1 51	5 52	1 53	18 52	0 1	10 59	1 21	5 45	1 59	5 28	0 39	14 47	0 23	8 47	17 21	1 5	0 32	24 52	16 51	6 38
T 18	21 23	4 37	1 3	25 7	1 41	6 6	1 59	19 3	0 1	10 57	1 21	5 43	2 0	5 28	0 39	14 47	0 23	8 47	17 21	1 5	0 31	24 53	16 51	6 39
F 19	21 33	1n17	0n 2	24 56	1 29	6 22	2 4	19 14	0 2	10 55	1 21	5 42	2 0	5 27	0 39	14 47	0 23	8 47	17 21	1 5	0 29	24 55	16 51	6 39
S 20	21 43	7 2	1 6	24 44	1 17	6 37	2 8	19 25	0 3	10 54	1 21	5 41	2 0	5 27	0 39	14 47	0 23	8 47	17 20	1 5	0 28	24 57	16 50	6 39
S 21	21 52	12 28	2 6	24 30	1 3	6 53	2 13	19 35	0 3	10 52	1 20	5 40	2 0	5 26	0 39	14 47	0 23	8 47	17 20	1 3	0 27	24 59	16 50	6 40
M22	22 1	17 24	3 0	24 14	0 47	7 9	2 17	19 45	0 4	10 51	1 20	5 39	2 1	5 26	0 39	14 47	0 23	8 47	17 20	1 1	0 25	25 1	16 50	6 40
T 23	22 10	21 40	3 46	23 56	0 30	7 26	2 21	19 56	0 5	10 50	1 20	5 38	2 1	5 25	0 39	14 47	0 23	8 47	17 20	0 58	0 24	25 2	16 49	6 40
W24	22 18	25 3	4 22	23 37	0 12	7 43	2 25	20 6	0 5	10 48	1 20	5 37	2 1	5 25	0 39	14 47	0 23	8 47	17 19	0 53	0 23	25 4	16 49	6 40
T 25	22 26	27 22	4 47	23 17	0n 7	8 0	2 28	20 16	0 6	10 47	1 19	5 36	2 1	5 25	0 39	14 47	0 23	8 47	17 19	0 48	0 22	25 6	16 49	6 41
F 26	22 34	28 26	4 59	22 55	0 27	8 17	2 32	20 25	0 6	10 46	1 19	5 36	2 2	5 24	0 39	14 48	0 23	8 47	17 19	0 42	0 20	25 8	16 49	6 41
S 27	22 41	28 10	4 58	22 31	0 47	8 35	2 35	20 35	0 7	10 45	1 19	5 35	2 2	5 24	0 39	14 48	0 23	8 46	17 18	0 37	0 19	25 10	16 48	6 41
S 28	22 47	26 34	4 44	22 7	1 7	8 52	2 38	20 44	0 8	10 44	1 18	5 34	2 2	5 24	0 39	14 48	0 23	8 46	17 18	0 32	0 18	25 11	16 48	6 41
M29	22 53	23 42	4 16	21 42	1 27	9 10	2 41	20 53	0 8	10 43	1 18	5 33	2 2	5 24	0 38	14 48	0 23	8 46	17 18	0 28	0 17	25 13	16 48	6 42
T 30	22s59	19n43	3n36	21s17	1n45	9s28	2n43	21s 2	0s 9	10n42	1s18	5n33	2n 3	5n23	0s38	14n48	0n23	8s46	17s17	0n25	0n15	25n15	16n47	6s42

Julian Day Number = 2304301.5, Delta T = 93.11 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'50, Lahiri = 18°13'51 Julian Calendar 1 Nov. 1596 == Greg. Calendar 11 Nov. 1596

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ASTRODIENST EPHEMERIS for the year 1596
geocentric

DECEMBER 1596 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 19 29	19♐19'08	27♌57	17°R33	2♏30	4♐ 9	1°R 8	20♍49	15°R 8	21°R17	18°R23	0°R59	0♈35	2♊59	28°R45	W 1
T 2	5 23 25	20°20'13	10♍50	16♐12	3°30	4°53	1♉ 6	20°51	15♈ 8	21♌16	18♈23	0♈57	0°32	3° 6	28♊41	T 2
F 3	5 27 22	21°21'19	24° 2	14°56	4°31	5°36	1° 3	20°53	15° 7	21°16	18°22	0°57	0°29	3°13	28°37	F 3
S 4	5 31 18	22°22'27	7♎37	13°46	5°32	6°19	1° 0	20°55	15° 6	21°15	18°22	0°57	0°26	3°19	28°33	S 4
S 5	5 35 15	23°23'35	21°37	12°45	6°34	7° 3	0°58	20°57	15° 6	21°14	18°21	0°55	0°23	3°26	28°29	S 5
M 6	5 39 11	24°24'43	6♏ 3	11°54	7°35	7°46	0°56	20°58	15° 5	21°14	18°21	0°52	0°19	3°33	28°25	M 6
T 7	5 43 8	25°25'53	20°53	11°13	8°38	8°29	0°54	21° 0	15° 5	21°13	18°21	0°46	0°16	3°40	28°21	T 7
W 8	5 47 4	26°27'03	5♐59	10°43	9°40	9°13	0°52	21° 1	15° 5	21°12	18°20	0°37	0°13	3°46	28°17	W 8
T 9	5 51 1	27°28'14	21°14	10°24	10°43	9°57	0°51	21° 3	15° 4	21°11	18°20	0°26	0°10	3°53	28°13	T 9
F 10	5 54 58	28°29'25	6♑26	10°D15	11°47	10°40	0°49	21° 4	15° 4	21°10	18°20	0°13	0° 7	4° 0	28° 9	F 10
S 11	5 58 54	29°30'36	21°24	10°16	12°50	11°24	0°48	21° 5	15° 4	21°10	18°19	0° 2	0° 3	4° 6	28° 5	S 11
S 12	6 2 51	0♑31'48	6♒ 0	10°26	13°54	12° 7	0°47	21° 6	15° 4	21° 9	18°19	29♓52	0° 0	4°13	28° 1	S 12
M13	6 6 47	1°32'59	20° 7	10°44	14°59	12°51	0°47	21° 7	15° 4	21° 8	18°19	29°45	29♓57	4°20	27°57	M13
T 14	6 10 44	2°34'10	3♓43	11°10	16° 3	13°35	0°46	21° 8	15°D 4	21° 7	18°19	29°41	29°54	4°27	27°53	T 14
W15	6 14 40	3°35'21	16°51	11°43	17° 8	14°19	0°46	21° 9	15° 4	21° 6	18°18	29°39	29°51	4°33	27°49	W15
T 16	6 18 37	4°36'32	29°33	12°22	18°13	15° 2	0°D46	21° 9	15° 4	21° 5	18°18	29°39	29°48	4°40	27°45	T 16
F 17	6 22 33	5°37'43	11♈54	13° 6	19°19	15°46	0°46	21°10	15° 4	21° 4	18°18	29°39	29°44	4°47	27°41	F 17
S 18	6 26 30	6°38'53	24° 0	13°55	20°24	16°30	0°46	21°10	15° 4	21° 3	18°18	29°38	29°41	4°53	27°37	S 18
S 19	6 30 27	7°40'03	5♉55	14°48	21°30	17°14	0°47	21°11	15° 4	21° 2	18°18	29°35	29°38	5° 0	27°33	S 19
M20	6 34 23	8°41'13	17°46	15°45	22°36	17°58	0°48	21°11	15° 5	21° 0	18°18	29°29	29°35	5° 7	27°29	M20
T 21	6 38 20	9°42'22	29°35	16°46	23°43	18°42	0°49	21°R11	15° 5	20°59	18°18	29°20	29°32	5°14	27°25	T 21
W22	6 42 16	10°43'32	11♊27	17°49	24°49	19°26	0°50	21°11	15° 5	20°58	18°18	29° 9	29°29	5°20	27°21	W22
T 23	6 46 13	11°44'41	23°24	18°56	25°56	20°10	0°51	21°11	15° 6	20°57	18°D18	28°55	29°25	5°27	27°17	T 23
F 24	6 50 9	12°45'49	5♋27	20° 5	27° 3	20°55	0°53	21°11	15° 6	20°56	18°18	28°41	29°22	5°34	27°13	F 24
S 25	6 54 6	13°46'58	17°38	21°16	28°10	21°39	0°55	21°10	15° 7	20°54	18°18	28°27	29°19	5°40	27°10	S 25
S 26	6 58 3	14°48'06	29°57	22°29	29°18	22°23	0°57	21°10	15° 8	20°53	18°18	28°14	29°16	5°47	27° 6	S 26
M27	7 1 59	15°49'14	12♌24	23°43	0♐25	23° 7	0°59	21° 9	15° 8	20°52	18°18	28° 4	29°13	5°54	27° 2	M27
T 28	7 5 56	16°50'21	25° 2	25° 0	1°33	23°52	1° 1	21° 8	15° 9	20°51	18°18	27°57	29° 9	6° 1	26°58	T 28
W29	7 9 52	17°51'29	7♍50	26°18	2°41	24°36	1° 4	21° 8	15°10	20°49	18°18	27°52	29° 6	6° 7	26°55	W29
T 30	7 13 49	18°52'36	20°51	27°37	3°49	25°20	1° 7	21° 7	15°10	20°48	18°18	27°51	29° 3	6°14	26°51	T 30
F 31	7 17 45	19♑53'42	4♎ 6	28♐57	4♐58	26♐ 5	1♉10	21♍ 6	15♈11	20♌46	18♈19	27°D50	29♓ 0	6♊21	26♊47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 4	14n47	2n45	20s53	2n 2	9s46	2n46	21s11	0s10	10n41	1s18	5n32	2n 3	5n23	0s38	14n49	0n23	8s46	17s17	0n23	0n14	25n17	16n47	6s42
T 2	23 8	9 8	1 44	20 30	2 18	10 5	2 48	21 20	0 10	10 40	1 17	5 31	2 3	5 23	0 38	14 49	0 23	8 46	17 17	0 23	0 13	25 18	16 47	6 42
F 3	23 13	2 56	0 37	20 9	2 31	10 23	2 50	21 28	0 11	10 40	1 17	5 31	2 4	5 23	0 38	14 49	0 23	8 46	17 16	0 23	0 12	25 20	16 47	6 42
S 4	23 16	3s34	0s35	19 50	2 41	10 42	2 52	21 36	0 11	10 39	1 17	5 30	2 4	5 22	0 38	14 49	0 24	8 46	17 16	0 23	0 10	25 22	16 47	6 43
S 5	23 20	10 6	1 47	19 34	2 50	11 0	2 54	21 44	0 12	10 39	1 16	5 30	2 4	5 22	0 38	14 49	0 24	8 45	17 16	0 22	0 9	25 24	16 46	6 43
M 6	23 23	16 18	2 54	19 22	2 56	11 19	2 55	21 52	0 13	10 38	1 16	5 29	2 4	5 22	0 38	14 50	0 24	8 45	17 15	0 21	0 8	25 25	16 46	6 43
T 7	23 25	21 43	3 51	19 13	3 0	11 38	2 56	21 59	0 13	10 38	1 16	5 29	2 5	5 22	0 38	14 50	0 24	8 45	17 15	0 18	0 6	25 27	16 46	6 43
W 8	23 27	25 50	4 33	19 7	3 1	11 56	2 58	22 7	0 14	10 37	1 15	5 29	2 5	5 22	0 38	14 50	0 24	8 45	17 15	0 15	0 5	25 29	16 46	6 43
T 9	23 28	28 8	4 56	19 4	3 1	12 15	2 59	22 14	0 15	10 37	1 15	5 28	2 5	5 22	0 38	14 51	0 24	8 45	17 14	0 10	0 4	25 30	16 46	6 43
F 10	23 29	28 18	4 58	19 5	2 59	12 33	2 59	22 21	0 15	10 37	1 15	5 28	2 5	5 22	0 38	14 51	0 24	8 44	17 14	0 5	0 3	25 32	16 46	6 43
S 11	23 30	26 23	4 40	19 8	2 56	12 52	3 0	22 28	0 16	10 37	1 14	5 28	2 6	5 22	0 38	14 51	0 24	8 44	17 14	0 1	0 1	25 34	16 45	6 43
S 12	23 30	22 44	4 3	19 14	2 52	13 10	3 1	22 34	0 17	10 37	1 14	5 28	2 6	5 22	0 38	14 51	0 24	8 44	17 13	0s 3	0 0	25 35	16 45	6 44
M13	23 29	17 51	3 12	19 21	2 47	13 29	3 1	22 41	0 17	10 37	1 14	5 28	2 6	5 22	0 38	14 52	0 24	8 44	17 13	0 6	0s 1	25 37	16 45	6 44
T 14	23 28	12 13	2 12	19 31	2 41	13 47	3 1	22 47	0 18	10 37	1 14	5 28	2 7	5 22	0 38	14 52	0 24	8 43	17 12	0 8	0 2	25 39	16 45	6 44
W15	23 27	6 14	1 7	19 42	2 34	14 5	3 1	22 53	0 19	10 37	1 13	5 28	2 7	5 22	0 38	14 52	0 24	8 43	17 12	0 8	0 4	25 40	16 45	6 44
T 16	23 25	0 11	0 1	19 54	2 27	14 23	3 1	22 58	0 19	10 38	1 13	5 28	2 7	5 22	0 38	14 53	0 24	8 43	17 12	0 8	0 5	25 42	16 45	6 44
F 17	23 22	5n42	1n 4	20 8	2 19	14 41	3 1	23 4	0 20	10 38	1 13	5 28	2 7	5 22	0 38	14 53	0 24	8 43	17 11	0 8	0 6	25 44	16 45	6 44
S 18	23 20	11 16	2 5	20 22	2 11	14 59	3 1	23 9	0 20	10 38	1 12	5 28	2 8	5 22	0 38	14 54	0 24	8 42	17 11	0 9	0 7	25 45	16 45	6 44
S 19	23 16	16 20	2 59	20 36	2 2	15 17	3 0	23 14	0 21	10 39	1 12	5 28	2 8	5 22	0 38	14 54	0 24	8 42	17 11	0 10	0 9	25 47	16 45	6 44
M20	23 13	20 46	3 45	20 51	1 54	15 34	3 0	23 19	0 22	10 39	1 12	5 28	2 8	5 22	0 38	14 54	0 24	8 42	17 10	0 12	0 10	25 48	16 45	6 44
T 21	23 8	24 21	4 21	21 6	1 45	15 51	2 59	23 23	0 22	10 40	1 11	5 28	2 9	5 23	0 38	14 55	0 24	8 41	17 10	0 16	0 11	25 50	16 45	6 44
W22	23 4	26 56	4 46	21 20	1 36	16 8	2 58	23 27	0 23	10 41	1 11	5 29	2 9	5 23	0 38	14 55	0 24	8 41	17 10	0 20	0 13	25 52	16 44	6 44
T 23	22 58	28 18	4 59	21 35	1 27	16 25	2 57	23 31	0 24	10 42	1 11	5 29	2 9	5 23	0 38	14 55	0 24	8 41	17 9	0 26	0 14	25 53	16 44	6 44
F 24	22 53	28 20	4 58	21 49	1 18	16 41	2 56	23 35	0 24	10 42	1 10	5 29	2 9	5 23	0 38	14 56	0 24	8 40	17 9	0 31	0 15	25 55	16 44	6 44
S 25	22 47	27 1	4 44	22 3	1 10	16 57	2 55	23 39	0 25	10 43	1 10	5 30	2 10	5 23	0 37	14 56	0 24	8 40	17 8	0 37	0 16	25 56	16 44	6 43
S 26	22 40	24 23	4 16	22 16	1 1	17 13	2 53	23 42	0 26	10 44	1 10	5 30	2 10	5 24	0 37	14 57	0 24	8 40	17 8	0 42	0 18	25 58	16 44	6 43
M27	22 33	20 34	3 36	22 29	0 52	17 29	2 52	23 45	0 26	10 45	1 9	5 31	2 10	5 24	0 37	14 57	0 24	8 39	17 8	0 46	0 19	26 0	16 45	6 43
T 28	22 26	15 47	2 44	22 41	0 43	17 44	2 50	23 48	0 27	10 46	1 9	5 31	2 11	5 24	0 37	14 58	0 24	8 39	17 7	0 49	0 20	26 1	16 45	6 43
W29	22 18	10 15	1 44	22 52	0 35	17 59	2 49	23 51	0 28	10 48	1 9	5 32	2 11	5 25	0 37	14 58	0 24	8 39	17 7	0 51	0 21	26 3	16 45	6 43
T 30	22 10	4 12	0 37	23 2	0 26	18 14	2 47	23 53	0 28	10 49	1 9	5 32	2 11	5 25	0 37	14 58	0 24	8 38	17 7	0 52	0 23	26 4	16 45	6 43
F 31	22s 1	2s 8	0s33	23s11	0n18	18s28	2n45	23s55	0s29	10n50	1s 8	5n33	2n11	5n25	0s37	14n59	0n24	8s38	17s 6	0s52	0s24	26n 6	16n45	6s43

Julian Day Number = 2304331.5, Delta T = 92.99 sec
Ecliptic obliquity = 23°29'39, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'55, Lahiri = 18°13'55 Julian Calendar 1 Dec. 1596 == Greg. Calendar 11 Dec. 1596

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

JANUARY 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 21 42	20♑54'49	17♎38	0♑18	6♐ 6	26♐49	1♉13	21°R 5	15♈12	20°R45	18♈19	27°R51	28♓57	6♊27	26°R44	S 1
S 2	7 25 38	21°55'55	1♏29	1°41	7°15	27°34	1°16	21♍ 3	15°13	20♌44	18°19	27♓51	28°54	6°34	26♊40	S 2
M 3	7 29 35	22°57'01	15°39	3° 4	8°24	28°18	1°20	21° 2	15°14	20°42	18°19	27°48	28°50	6°41	26°37	M 3
T 4	7 33 32	23°58'07	0♐ 8	4°29	9°33	29° 3	1°24	21° 1	15°15	20°41	18°20	27°44	28°47	6°48	26°33	T 4
W 5	7 37 28	24°59'13	14°51	5°54	10°42	29°48	1°28	20°59	15°16	20°39	18°20	27°37	28°44	6°54	26°30	W 5
T 6	7 41 25	26° 0'18	29°44	7°20	11°51	0♑32	1°32	20°57	15°18	20°38	18°20	27°28	28°41	7° 1	26°26	T 6
F 7	7 45 21	27° 1'22	14♑37	8°47	13° 1	1°17	1°36	20°56	15°19	20°36	18°20	27°18	28°38	7° 8	26°23	F 7
S 8	7 49 18	28° 2'26	29°22	10°15	14°10	2° 2	1°41	20°54	15°20	20°35	18°21	27° 8	28°35	7°14	26°20	S 8
S 9	7 53 14	29° 3'29	13♒50	11°43	15°20	2°47	1°45	20°52	15°21	20°33	18°21	27° 0	28°31	7°21	26°17	S 9
M10	7 57 11	0♒ 4'31	27°56	13°13	16°30	3°32	1°50	20°50	15°23	20°32	18°22	26°54	28°28	7°28	26°14	M10
T 11	8 1 7	1° 5'31	11♓35	14°42	17°40	4°16	1°55	20°48	15°24	20°30	18°22	26°50	28°25	7°35	26°11	T 11
W12	8 5 4	2° 6'31	24°47	16°13	18°50	5° 1	2° 1	20°45	15°26	20°29	18°22	26°D49	28°22	7°41	26° 8	W12
T 13	8 9 1	3° 7'29	7♈35	17°44	20° 0	5°46	2° 6	20°43	15°27	20°27	18°23	26°49	28°19	7°48	26° 5	T 13
F 14	8 12 57	4° 8'27	20° 1	19°16	21°10	6°31	2°12	20°41	15°29	20°25	18°23	26°51	28°15	7°55	26° 2	F 14
S 15	8 16 54	5° 9'23	2♉11	20°49	22°20	7°16	2°18	20°38	15°30	20°24	18°24	26°R51	28°12	8° 1	25°59	S 15
S 16	8 20 50	6°10'17	14° 9	22°22	23°31	8° 1	2°24	20°35	15°32	20°22	18°24	26°51	28° 9	8° 8	25°56	S 16
M17	8 24 47	7°11'11	26° 1	23°56	24°41	8°46	2°30	20°33	15°33	20°21	18°25	26°49	28° 6	8°15	25°53	M17
T 18	8 28 43	8°12'03	7♊51	25°31	25°52	9°31	2°36	20°30	15°35	20°19	18°26	26°44	28° 3	8°22	25°51	T 18
W19	8 32 40	9°12'53	19°45	27° 7	27° 2	10°17	2°42	20°27	15°37	20°17	18°26	26°38	28° 0	8°28	25°48	W19
T 20	8 36 36	10°13'43	1♋45	28°43	28°13	11° 2	2°49	20°24	15°39	20°16	18°27	26°30	27°56	8°35	25°46	T 20
F 21	8 40 33	11°14'31	13°55	0♒20	29°24	11°47	2°56	20°21	15°41	20°14	18°27	26°21	27°53	8°42	25°43	F 21
S 22	8 44 30	12°15'17	26°16	1°58	0♑35	12°32	3° 3	20°18	15°43	20°12	18°28	26°13	27°50	8°48	25°41	S 22
S 23	8 48 26	13°16'02	8♌49	3°36	1°46	13°18	3°10	20°15	15°45	20°11	18°29	26° 5	27°47	8°55	25°39	S 23
M24	8 52 23	14°16'46	21°34	5°15	2°57	14° 3	3°17	20°11	15°47	20° 9	18°29	25°59	27°44	9° 2	25°37	M24
T 25	8 56 19	15°17'29	4♍32	6°55	4° 8	14°48	3°25	20° 8	15°49	20° 7	18°30	25°54	27°41	9° 9	25°35	T 25
W26	9 0 16	16°18'10	17°42	8°36	5°19	15°33	3°32	20° 4	15°51	20° 6	18°31	25°52	27°37	9°15	25°33	W26
T 27	9 4 12	17°18'50	1♎ 3	10°18	6°30	16°19	3°40	20° 1	15°53	20° 4	18°32	25°D52	27°34	9°22	25°31	T 27
F 28	9 8 9	18°19'28	14°35	12° 1	7°42	17° 4	3°48	19°57	15°55	20° 2	18°32	25°53	27°31	9°29	25°29	F 28
S 29	9 12 5	19°20'06	28°18	13°44	8°53	17°50	3°56	19°53	15°57	20° 1	18°33	25°55	27°28	9°35	25°27	S 29
S 30	9 16 2	20°20'42	12♏12	15°28	10° 5	18°35	4° 4	19°50	15°59	19°59	18°34	25°56	27°25	9°42	25°25	S 30
M31	9 19 59	21♒21'18	26♏17	17♒14	11♑16	19♑21	4♉12	19♍46	16♈ 2	19♌57	18♈35	25°R56	27♓21	9♊49	25♊24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s52	8s31	1s43	23s20	0n10	18s42	2n43	23s57	0s30	10n52	1s 8	5n34	2n12	5n26	0s37	14n59	0n24	8s37	17s 6	0s51	0s25	26n 7	16n45	6s43
S 2	21 42	14 39	2 49	23 27	0 2	18 55	2 41	23 58	0 30	10 53	1 8	5 34	2 12	5 26	0 37	15 0	0 24	8 37	17 6	0 52	0 26	26 9	16 45	6 42
M 3	21 32	20 9	3 46	23 34	0s 6	19 8	2 39	24 0	0 31	10 55	1 7	5 35	2 12	5 27	0 37	15 0	0 24	8 36	17 5	0 52	0 28	26 10	16 45	6 42
T 4	21 22	24 36	4 29	23 39	0 14	19 21	2 37	24 1	0 32	10 56	1 7	5 36	2 12	5 27	0 37	15 1	0 24	8 36	17 5	0 54	0 29	26 12	16 45	6 42
W 5	21 11	27 32	4 56	23 43	0 21	19 33	2 34	24 2	0 32	10 58	1 7	5 37	2 13	5 27	0 37	15 1	0 24	8 36	17 4	0 57	0 30	26 13	16 45	6 42
T 6	21 0	28 33	5 3	23 46	0 29	19 45	2 32	24 2	0 33	11 0	1 6	5 38	2 13	5 28	0 37	15 2	0 24	8 35	17 4	1 1	0 32	26 15	16 45	6 42
F 7	20 48	27 29	4 50	23 48	0 36	19 56	2 30	24 3	0 33	11 1	1 6	5 39	2 13	5 28	0 37	15 2	0 24	8 35	17 4	1 5	0 33	26 16	16 45	6 41
S 8	20 36	24 31	4 17	23 48	0 43	20 7	2 27	24 3	0 34	11 3	1 6	5 40	2 13	5 29	0 37	15 3	0 24	8 34	17 3	1 9	0 34	26 18	16 46	6 41
S 9	20 24	20 2	3 29	23 48	0 49	20 18	2 24	24 3	0 35	11 5	1 6	5 41	2 14	5 30	0 37	15 3	0 24	8 34	17 3	1 12	0 35	26 19	16 46	6 41
M10	20 11	14 32	2 28	23 46	0 56	20 27	2 22	24 2	0 35	11 7	1 5	5 42	2 14	5 30	0 37	15 4	0 24	8 33	17 3	1 14	0 37	26 21	16 46	6 41
T 11	19 58	8 29	1 21	23 42	1 2	20 37	2 19	24 2	0 36	11 9	1 5	5 43	2 14	5 31	0 37	15 4	0 24	8 33	17 2	1 16	0 38	26 22	16 46	6 40
W12	19 44	2 15	0 11	23 38	1 8	20 46	2 16	24 1	0 37	11 11	1 5	5 44	2 15	5 31	0 37	15 5	0 24	8 32	17 2	1 16	0 39	26 23	16 46	6 40
T 13	19 30	3n54	0n57	23 32	1 14	20 54	2 13	23 59	0 37	11 13	1 4	5 45	2 15	5 32	0 37	15 5	0 24	8 32	17 2	1 16	0 40	26 25	16 46	6 40
F 14	19 16	9 43	2 1	23 25	1 19	21 2	2 10	23 58	0 38	11 16	1 4	5 46	2 15	5 32	0 37	15 6	0 24	8 31	17 1	1 15	0 42	26 26	16 47	6 40
S 15	19 1	15 3	2 58	23 16	1 24	21 9	2 7	23 56	0 39	11 18	1 4	5 47	2 15	5 33	0 37	15 6	0 24	8 31	17 1	1 15	0 43	26 28	16 47	6 39
S 16	18 46	19 43	3 46	23 6	1 29	21 16	2 4	23 54	0 39	11 20	1 4	5 49	2 15	5 34	0 37	15 7	0 24	8 30	17 1	1 15	0 44	26 29	16 47	6 39
M17	18 31	23 35	4 24	22 55	1 34	21 22	2 1	23 52	0 40	11 23	1 3	5 50	2 16	5 34	0 37	15 7	0 24	8 30	17 0	1 16	0 45	26 31	16 47	6 39
T 18	18 15	26 27	4 51	22 42	1 38	21 28	1 58	23 50	0 41	11 25	1 3	5 51	2 16	5 35	0 37	15 8	0 24	8 29	17 0	1 18	0 47	26 32	16 48	6 38
W19	17 59	28 10	5 5	22 28	1 43	21 33	1 55	23 47	0 41	11 27	1 3	5 53	2 16	5 36	0 37	15 9	0 24	8 29	16 59	1 20	0 48	26 33	16 48	6 38
T 20	17 43	28 35	5 6	22 12	1 46	21 37	1 52	23 44	0 42	11 30	1 2	5 54	2 16	5 37	0 37	15 9	0 24	8 28	16 59	1 24	0 49	26 35	16 48	6 38
F 21	17 27	27 37	4 53	21 55	1 50	21 41	1 48	23 41	0 43	11 33	1 2	5 56	2 17	5 37	0 37	15 10	0 24	8 28	16 59	1 27	0 51	26 36	16 48	6 37
S 22	17 10	25 18	4 26	21 36	1 53	21 45	1 45	23 37	0 43	11 35	1 2	5 57	2 17	5 38	0 36	15 10	0 24	8 27	16 58	1 31	0 52	26 37	16 49	6 37
S 23	16 52	21 44	3 47	21 16	1 56	21 47	1 42	23 33	0 44	11 38	1 2	5 58	2 17	5 39	0 36	15 11	0 24	8 27	16 58	1 34	0 53	26 39	16 49	6 37
M24	16 35	17 6	2 55	20 55	1 58	21 50	1 38	23 29	0 44	11 41	1 1	6 0	2 17	5 40	0 36	15 11	0 24	8 26	16 58	1 36	0 54	26 40	16 49	6 36
T 25	16 17	11 37	1 53	20 31	2 0	21 51	1 35	23 25	0 45	11 43	1 1	6 1	2 18	5 41	0 36	15 12	0 24	8 25	16 57	1 38	0 56	26 42	16 50	6 36
W26	15 59	5 33	0 44	20 7	2 2	21 52	1 31	23 20	0 46	11 46	1 1	6 3	2 18	5 41	0 36	15 12	0 24	8 25	16 57	1 39	0 57	26 43	16 50	6 36
T 27	15 41	0s51	0s28	19 41	2 3	21 52	1 28	23 16	0 46	11 49	1 1	6 5	2 18	5 42	0 36	15 13	0 25	8 24	16 57	1 39	0 58	26 44	16 50	6 35
F 28	15 22	7 18	1 40	19 13	2 4	21 52	1 24	23 11	0 47	11 52	1 0	6 6	2 18	5 43	0 36	15 13	0 25	8 24	16 57	1 38	0 59	26 46	16 50	6 35
S 29	15 3	13 30	2 47	18 44	2 5	21 51	1 21	23 5	0 48	11 55	1 0	6 8	2 18	5 44	0 36	15 14	0 25	8 23	16 56	1 38	1 1	26 47	16 51	6 34
S 30	14 44	19 6	3 46	18 14	2 5	21 50	1 17	23 0	0 48	11 58	1 0	6 10	2 19	5 45	0 36	15 14	0 25	8 23	16 56	1 37	1 2	26 48	16 51	6 34
M31	14s25	23s45	4s31	17s41	2s 5	21s47	1n14	22s54	0s49	12n 1	1s 0	6n11	2n19	5n46	0s36	15n15	0n25	8s22	16s56	1s37	1s 3	26n49	16n52	6s34

Julian Day Number = 2304362.5, Delta T = 92.87 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°06'59, Lahiri = 18°13'59 Julian Calendar 1 Jan. 1597 == Greg. Calendar 11 Jan. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

FEBRUARY 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 23 55	22♒21'52	10♐31	19♒ 0	12♑28	20♑ 6	4♉21	19°R42	16♈ 4	19°R56	18♈36	25°R55	27♓18	9♊56	25°R22	T 1
W 2	9 27 52	23°22'25	24°53	20°47	13°40	20°52	4°29	19♍38	16° 6	19♌54	18°37	25♓52	27°15	10° 2	25♊21	W 2
T 3	9 31 48	24°22'57	9♑18	22°35	14°51	21°38	4°38	19°34	16° 9	19°52	18°37	25°48	27°12	10° 9	25°19	T 3
F 4	9 35 45	25°23'27	23°42	24°23	16° 3	22°23	4°47	19°30	16°11	19°51	18°38	25°43	27° 9	10°16	25°18	F 4
S 5	9 39 41	26°23'56	7♒59	26°13	17°15	23° 9	4°56	19°26	16°14	19°49	18°39	25°39	27° 6	10°22	25°17	S 5
S 6	9 43 38	27°24'23	22° 5	28° 3	18°27	23°55	5° 5	19°22	16°16	19°47	18°40	25°35	27° 2	10°29	25°16	S 6
M 7	9 47 34	28°24'49	5♓53	29°55	19°39	24°40	5°14	19°17	16°19	19°46	18°41	25°32	26°59	10°36	25°15	M 7
T 8	9 51 31	29°25'12	19°22	1♓47	20°51	25°26	5°24	19°13	16°21	19°44	18°42	25°D31	26°56	10°43	25°14	T 8
W 9	9 55 28	0♓25'34	2♈30	3°40	22° 3	26°12	5°33	19° 9	16°24	19°42	18°43	25°31	26°53	10°49	25°13	W 9
T 10	9 59 24	1°25'54	15°18	5°33	23°15	26°58	5°43	19° 4	16°26	19°41	18°44	25°32	26°50	10°56	25°12	T 10
F 11	10 3 21	2°26'13	27°46	7°27	24°27	27°43	5°52	19° 0	16°29	19°39	18°45	25°33	26°47	11° 3	25°11	F 11
S 12	10 7 17	3°26'29	9♉59	9°21	25°39	28°29	6° 2	18°55	16°32	19°37	18°46	25°35	26°43	11° 9	25°11	S 12
S 13	10 11 14	4°26'43	22° 0	11°16	26°52	29°15	6°12	18°51	16°34	19°36	18°47	25°36	26°40	11°16	25°10	S 13
M14	10 15 10	5°26'55	3♊54	13°11	28° 4	0♒ 1	6°22	18°46	16°37	19°34	18°48	25°R37	26°37	11°23	25°10	M14
T 15	10 19 7	6°27'05	15°46	15° 6	29°16	0°47	6°33	18°42	16°40	19°33	18°49	25°37	26°34	11°30	25° 9	T 15
W16	10 23 3	7°27'13	27°41	17° 0	0♒28	1°33	6°43	18°37	16°43	19°31	18°50	25°35	26°31	11°36	25° 9	W16
T 17	10 27 0	8°27'19	9♋43	18°55	1°41	2°19	6°53	18°33	16°46	19°29	18°51	25°33	26°27	11°43	25° 9	T 17
F 18	10 30 57	9°27'23	21°56	20°48	2°53	3° 5	7° 4	18°28	16°49	19°28	18°53	25°31	26°24	11°50	25°D 9	F 18
S 19	10 34 53	10°27'25	4♌23	22°40	4° 5	3°51	7°14	18°23	16°52	19°26	18°54	25°29	26°21	11°57	25° 9	S 19
S 20	10 38 50	11°27'24	17° 7	24°30	5°18	4°37	7°25	18°19	16°54	19°25	18°55	25°27	26°18	12° 3	25° 9	S 20
M21	10 42 46	12°27'22	0♍ 8	26°19	6°30	5°23	7°36	18°14	16°57	19°23	18°56	25°25	26°15	12°10	25° 9	M21
T 22	10 46 43	13°27'17	13°26	28° 5	7°43	6° 9	7°47	18° 9	17° 0	19°22	18°57	25°24	26°12	12°17	25°10	T 22
W23	10 50 39	14°27'11	27° 0	29°48	8°55	6°55	7°58	18° 4	17° 3	19°20	18°58	25°D24	26° 8	12°23	25°10	W23
T 24	10 54 36	15°27'03	10♎48	1♈27	10° 8	7°41	8° 9	18° 0	17° 6	19°19	19° 0	25°24	26° 5	12°30	25°10	T 24
F 25	10 58 32	16°26'52	24°47	3° 3	11°20	8°27	8°20	17°55	17° 9	19°17	19° 1	25°25	26° 2	12°37	25°11	F 25
S 26	11 2 29	17°26'40	8♏53	4°35	12°33	9°13	8°32	17°50	17°13	19°16	19° 2	25°26	25°59	12°44	25°12	S 26
S 27	11 6 26	18°26'27	23° 5	6° 1	13°45	9°59	8°43	17°45	17°16	19°14	19° 3	25°26	25°56	12°50	25°12	S 27
M28	11 10 22	19♓26'12	7♐19	7♈22	14♒58	10♒45	8♉55	17♍41	17♈19	19♌13	19♈ 4	25♓27	25♓52	12♊57	25♊13	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 5	27s 2	5s 1	17s 8	2s 4	21s45	1n10	22s48	0s49	12n 4	0s59	6n13	2n19	5n47	0s36	15n16	0n25	8s21	16s55	1s38	1s 4	26n51	16n52	6s33
W 2	13 46	28 35	5 12	16 33	2 3	21 41	1 7	22 42	0 50	12 7	0 59	6 15	2 19	5 48	0 36	15 16	0 25	8 21	16 55	1 39	1 6	26 52	16 52	6 33
T 3	13 25	28 12	5 3	15 56	2 1	21 37	1 3	22 35	0 51	12 10	0 59	6 16	2 19	5 49	0 36	15 17	0 25	8 20	16 55	1 40	1 7	26 53	16 53	6 32
F 4	13 5	25 56	4 36	15 18	1 59	21 33	0 59	22 28	0 51	12 13	0 59	6 18	2 19	5 49	0 36	15 17	0 25	8 20	16 54	1 42	1 8	26 55	16 53	6 32
S 5	12 45	22 2	3 51	14 38	1 56	21 27	0 56	22 21	0 52	12 17	0 58	6 20	2 20	5 50	0 36	15 18	0 25	8 19	16 54	1 44	1 10	26 56	16 53	6 31
S 6	12 24	16 54	2 53	13 57	1 53	21 22	0 52	22 14	0 53	12 20	0 58	6 22	2 20	5 51	0 36	15 18	0 25	8 18	16 54	1 46	1 11	26 57	16 54	6 31
M 7	12 3	11 0	1 46	13 14	1 50	21 15	0 49	22 7	0 53	12 23	0 58	6 24	2 20	5 52	0 36	15 19	0 25	8 18	16 54	1 47	1 12	26 58	16 54	6 31
T 8	11 42	4 44	0 34	12 30	1 45	21 8	0 45	21 59	0 54	12 27	0 58	6 25	2 20	5 53	0 36	15 19	0 25	8 17	16 53	1 47	1 13	27 0	16 55	6 30
W 9	11 21	1n35	0n38	11 45	1 40	21 0	0 41	21 51	0 54	12 30	0 57	6 27	2 20	5 54	0 36	15 20	0 25	8 17	16 53	1 47	1 15	27 1	16 55	6 30
T 10	10 59	7 40	1 47	10 58	1 35	20 52	0 38	21 43	0 55	12 33	0 57	6 29	2 20	5 56	0 36	15 20	0 25	8 16	16 53	1 47	1 16	27 2	16 55	6 29
F 11	10 38	13 19	2 48	10 10	1 29	20 43	0 34	21 34	0 56	12 37	0 57	6 31	2 21	5 57	0 36	15 21	0 25	8 15	16 52	1 46	1 17	27 3	16 56	6 29
S 12	10 16	18 20	3 41	9 21	1 22	20 33	0 31	21 26	0 56	12 40	0 57	6 33	2 21	5 58	0 36	15 21	0 25	8 15	16 52	1 46	1 18	27 4	16 56	6 28
S 13	9 54	22 32	4 23	8 31	1 15	20 23	0 27	21 17	0 57	12 44	0 57	6 35	2 21	5 59	0 36	15 22	0 25	8 14	16 52	1 45	1 20	27 6	16 57	6 28
M14	9 32	25 46	4 53	7 39	1 7	20 13	0 24	21 8	0 57	12 47	0 56	6 37	2 21	6 0	0 36	15 22	0 25	8 13	16 52	1 45	1 21	27 7	16 57	6 27
T 15	9 10	27 53	5 11	6 47	0 59	20 1	0 20	20 58	0 58	12 51	0 56	6 39	2 21	6 1	0 36	15 23	0 25	8 13	16 51	1 45	1 22	27 8	16 58	6 27
W16	8 48	28 43	5 15	5 54	0 50	19 49	0 17	20 49	0 59	12 54	0 56	6 40	2 21	6 2	0 36	15 23	0 25	8 12	16 51	1 45	1 23	27 9	16 58	6 26
T 17	8 25	28 13	5 6	5 1	0 40	19 37	0 13	20 39	0 59	12 58	0 56	6 42	2 21	6 3	0 36	15 24	0 25	8 12	16 51	1 46	1 25	27 10	16 59	6 26
F 18	8 3	26 21	4 42	4 7	0 30	19 24	0 10	20 29	1 0	13 2	0 55	6 44	2 21	6 4	0 36	15 24	0 25	8 11	16 51	1 47	1 26	27 12	16 59	6 26
S 19	7 40	23 11	4 6	3 12	0 19	19 10	0 7	20 19	1 0	13 5	0 55	6 46	2 21	6 5	0 36	15 25	0 25	8 10	16 50	1 48	1 27	27 13	16 59	6 25
S 20	7 17	18 51	3 16	2 18	0 7	18 56	0 3	20 8	1 1	13 9	0 55	6 48	2 22	6 7	0 36	15 25	0 25	8 10	16 50	1 49	1 28	27 14	17 0	6 25
M21	6 54	13 34	2 15	1 24	0n 4	18 42	0s 0	19 58	1 1	13 13	0 55	6 50	2 22	6 8	0 36	15 26	0 25	8 9	16 50	1 50	1 30	27 15	17 0	6 24
T 22	6 31	7 32	1 6	0 31	0 17	18 26	0 3	19 47	1 2	13 17	0 55	6 52	2 22	6 9	0 36	15 26	0 25	8 8	16 50	1 50	1 31	27 16	17 1	6 24
W23	6 8	1 4	0s 9	0n22	0 29	18 11	0 7	19 36	1 3	13 20	0 54	6 54	2 22	6 10	0 36	15 27	0 25	8 8	16 50	1 50	1 32	27 17	17 1	6 23
T 24	5 45	5s34	1 24	1 14	0 42	17 54	0 10	19 25	1 3	13 24	0 54	6 56	2 22	6 11	0 36	15 27	0 25	8 7	16 49	1 50	1 34	27 18	17 2	6 23
F 25	5 22	12 2	2 36	2 4	0 55	17 38	0 13	19 13	1 4	13 28	0 54	6 58	2 22	6 12	0 36	15 28	0 25	8 7	16 49	1 50	1 35	27 19	17 2	6 22
S 26	4 58	17 56	3 38	2 52	1 9	17 20	0 16	19 1	1 4	13 32	0 54	7 0	2 22	6 14	0 36	15 28	0 25	8 6	16 49	1 49	1 36	27 21	17 3	6 22
S 27	4 35	22 54	4 28	3 39	1 22	17 3	0 19	18 50	1 5	13 36	0 54	7 2	2 22	6 15	0 36	15 29	0 25	8 5	16 49	1 49	1 37	27 22	17 3	6 21
M28	4s11	26s32	5s 1	4n23	1n35	16s44	0s22	18s37	1s 5	13n39	0s53	7n 4	2n22	6n16	0s36	15n29	0n25	8s 5	16s49	1s49	1s39	27n23	17n 4	6s21

Julian Day Number = 2304393.5, Delta T = 92.75 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'03, Lahiri = 18°14'04 Julian Calendar 1 Feb. 1597 == Greg. Calendar 11 Feb. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

MARCH 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 14 19	20♓25'55	21♐32	8♈37	16♒11	11♒31	9♉ 6	17°R36	17♈22	19°R12	19♈ 6	25°R27	25♓49	13♊ 4	25♊14	T 1
W 2	11 18 15	21°25'36	5♑43	9°46	17°24	12°17	9°18	17♍31	17°25	19♌10	19° 7	25♓27	25°46	13°10	25°15	W 2
T 3	11 22 12	22°25'16	19°47	10°48	18°36	13° 4	9°30	17°26	17°28	19° 9	19° 8	25°26	25°43	13°17	25°16	T 3
F 4	11 26 8	23°24'54	3♒45	11°43	19°49	13°50	9°41	17°22	17°31	19° 7	19°10	25°26	25°40	13°24	25°17	F 4
S 5	11 30 5	24°24'30	17°33	12°31	21° 2	14°36	9°53	17°17	17°35	19° 6	19°11	25°26	25°37	13°31	25°19	S 5
S 6	11 34 1	25°24'04	1♓10	13°11	22°15	15°22	10° 5	17°12	17°38	19° 5	19°12	25°D26	25°33	13°37	25°20	S 6
M 7	11 37 58	26°23'36	14°33	13°44	23°27	16° 8	10°17	17° 8	17°41	19° 4	19°13	25°26	25°30	13°44	25°21	M 7
T 8	11 41 55	27°23'07	27°42	14° 9	24°40	16°55	10°30	17° 3	17°44	19° 2	19°15	25°R26	25°27	13°51	25°23	T 8
W 9	11 45 51	28°22'35	10♈35	14°26	25°53	17°41	10°42	16°58	17°48	19° 1	19°16	25°26	25°24	13°57	25°24	W 9
T 10	11 49 48	29°22'01	23°13	14°35	27° 6	18°27	10°54	16°54	17°51	19° 0	19°17	25°26	25°21	14° 4	25°26	T 10
F 11	11 53 44	0♈21'25	5♉37	14°R36	28°19	19°13	11° 7	16°49	17°54	18°59	19°19	25°25	25°18	14°11	25°28	F 11
S 12	11 57 41	1°20'46	17°48	14°30	29°32	20° 0	11°19	16°45	17°58	18°58	19°20	25°24	25°14	14°18	25°30	S 12
S 13	12 1 37	2°20'06	29°49	14°17	0♓44	20°46	11°32	16°40	18° 1	18°56	19°21	25°23	25°11	14°24	25°32	S 13
M14	12 5 34	3°19'23	11♊44	13°57	1°57	21°32	11°44	16°36	18° 4	18°55	19°23	25°23	25° 8	14°31	25°34	M14
T 15	12 9 30	4°18'38	23°37	13°30	3°10	22°18	11°57	16°31	18° 8	18°54	19°24	25°22	25° 5	14°38	25°36	T 15
W16	12 13 27	5°17'51	5♋31	12°59	4°23	23° 5	12° 9	16°27	18°11	18°53	19°25	25°D22	25° 2	14°45	25°38	W16
T 17	12 17 24	6°17'01	17°33	12°22	5°36	23°51	12°22	16°23	18°14	18°52	19°27	25°22	24°58	14°51	25°40	T 17
F 18	12 21 20	7°16'09	29°45	11°41	6°49	24°37	12°35	16°18	18°18	18°51	19°28	25°23	24°55	14°58	25°43	F 18
S 19	12 25 17	8°15'15	12♌13	10°57	8° 2	25°23	12°48	16°14	18°21	18°50	19°30	25°24	24°52	15° 5	25°45	S 19
S 20	12 29 13	9°14'18	25° 0	10°11	9°15	26°10	13° 1	16°10	18°25	18°49	19°31	25°25	24°49	15°11	25°48	S 20
M21	12 33 10	10°13'19	8♍ 9	9°23	10°28	26°56	13°14	16° 6	18°28	18°48	19°32	25°26	24°46	15°18	25°50	M21
T 22	12 37 6	11°12'18	21°40	8°36	11°41	27°42	13°27	16° 2	18°31	18°47	19°34	25°R27	24°43	15°25	25°53	T 22
W23	12 41 3	12°11'14	5♎34	7°48	12°54	28°28	13°40	15°58	18°35	18°46	19°35	25°26	24°39	15°32	25°56	W23
T 24	12 44 59	13°10'09	19°46	7° 2	14° 7	29°15	13°53	15°54	18°38	18°46	19°37	25°25	24°36	15°38	25°58	T 24
F 25	12 48 56	14° 9'02	4♏14	6°19	15°20	0♓ 1	14° 6	15°50	18°42	18°45	19°38	25°24	24°33	15°45	26° 1	F 25
S 26	12 52 52	15° 7'52	18°50	5°38	16°33	0°47	14°20	15°46	18°45	18°44	19°39	25°21	24°30	15°52	26° 4	S 26
S 27	12 56 49	16° 6'41	3♐28	5° 1	17°46	1°33	14°33	15°42	18°49	18°43	19°41	25°18	24°27	15°58	26° 7	S 27
M28	13 0 46	17° 5'29	18° 2	4°27	18°59	2°20	14°46	15°38	18°52	18°43	19°42	25°16	24°24	16° 5	26°10	M28
T 29	13 4 42	18° 4'14	2♑27	3°59	20°12	3° 6	15° 0	15°35	18°56	18°42	19°44	25°14	24°20	16°12	26°14	T 29
W30	13 8 39	19° 2'58	16°39	3°35	21°25	3°52	15°13	15°31	18°59	18°41	19°45	25°D13	24°17	16°19	26°17	W30
T 31	13 12 35	20♈ 1'40	0♒36	3♈16	22♓38	4♓38	15♉27	15♍28	19♈ 2	18♌41	19♈46	25♓14	24♓14	16♊25	26♊20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s48	28s29	5s16	5n 5	1n48	16s26	0s25	18s25	1s 6	13n43	0s53	7n 5	2n22	6n17	0s35	15n30	0n25	8s 4	16s48	1s49	1s40	27n24	17n 4	6s20
W 2	3 24	28 34	5 12	5 44	2 1	16 6	0 28	18 13	1 6	13 47	0 53	7 7	2 22	6 18	0 35	15 30	0 25	8 3	16 48	1 49	1 41	27 25	17 5	6 20
T 3	3 1	26 47	4 49	6 19	2 13	15 47	0 31	18 0	1 7	13 51	0 53	7 9	2 22	6 20	0 35	15 30	0 25	8 3	16 48	1 49	1 42	27 26	17 5	6 19
F 4	2 37	23 23	4 9	6 52	2 25	15 27	0 34	17 47	1 7	13 55	0 53	7 11	2 22	6 21	0 35	15 31	0 25	8 2	16 48	1 49	1 44	27 27	17 6	6 19
S 5	2 14	18 42	3 15	7 21	2 36	15 6	0 37	17 34	1 8	13 59	0 53	7 13	2 22	6 22	0 35	15 31	0 25	8 2	16 48	1 49	1 45	27 28	17 6	6 18
S 6	1 50	13 7	2 11	7 46	2 46	14 45	0 40	17 21	1 8	14 3	0 52	7 15	2 22	6 23	0 35	15 32	0 25	8 1	16 48	1 49	1 46	27 29	17 7	6 18
M 7	1 26	7 1	1 0	8 7	2 55	14 24	0 42	17 8	1 9	14 7	0 52	7 17	2 22	6 25	0 35	15 32	0 25	8 0	16 48	1 49	1 47	27 30	17 8	6 17
T 8	1 3	0 44	0n13	8 24	3 3	14 2	0 45	16 54	1 9	14 11	0 52	7 19	2 22	6 26	0 35	15 33	0 25	8 0	16 47	1 49	1 49	27 31	17 8	6 17
W 9	0 39	5n28	1 23	8 38	3 11	13 40	0 48	16 41	1 10	14 15	0 52	7 20	2 22	6 27	0 35	15 33	0 25	7 59	16 47	1 49	1 50	27 32	17 9	6 17
T 10	0 15	11 20	2 28	8 47	3 16	13 18	0 50	16 27	1 10	14 19	0 52	7 22	2 22	6 28	0 35	15 33	0 25	7 59	16 47	1 49	1 51	27 33	17 9	6 16
F 11	0n 9	16 38	3 25	8 51	3 21	12 55	0 53	16 13	1 11	14 23	0 52	7 24	2 22	6 30	0 35	15 34	0 25	7 58	16 47	1 50	1 53	27 34	17 10	6 16
S 12	0 32	21 11	4 11	8 52	3 24	12 31	0 55	15 59	1 11	14 27	0 51	7 26	2 22	6 31	0 35	15 34	0 25	7 57	16 47	1 50	1 54	27 35	17 10	6 15
S 13	0 56	24 48	4 46	8 48	3 25	12 8	0 57	15 44	1 12	14 31	0 51	7 27	2 22	6 32	0 35	15 34	0 25	7 57	16 47	1 50	1 55	27 36	17 11	6 15
M14	1 19	27 19	5 8	8 40	3 25	11 44	1 0	15 30	1 12	14 35	0 51	7 29	2 22	6 34	0 35	15 35	0 25	7 56	16 47	1 50	1 56	27 37	17 11	6 14
T 15	1 43	28 36	5 16	8 28	3 23	11 20	1 2	15 15	1 13	14 39	0 51	7 31	2 22	6 35	0 35	15 35	0 25	7 56	16 47	1 51	1 58	27 38	17 12	6 14
W16	2 7	28 34	5 12	8 12	3 20	10 55	1 4	15 1	1 13	14 43	0 51	7 33	2 22	6 36	0 35	15 35	0 25	7 55	16 46	1 51	1 59	27 39	17 12	6 13
T 17	2 30	27 11	4 53	7 53	3 14	10 30	1 6	14 46	1 14	14 47	0 51	7 34	2 22	6 38	0 35	15 36	0 25	7 54	16 46	1 51	2 0	27 40	17 13	6 13
F 18	2 53	24 30	4 21	7 30	3 7	10 5	1 8	14 31	1 14	14 51	0 50	7 36	2 22	6 39	0 35	15 36	0 25	7 54	16 46	1 50	2 1	27 41	17 13	6 12
S 19	3 17	20 38	3 37	7 5	2 59	9 40	1 10	14 16	1 15	14 55	0 50	7 37	2 22	6 40	0 35	15 36	0 25	7 53	16 46	1 50	2 3	27 42	17 14	6 12
S 20	3 40	15 44	2 40	6 38	2 49	9 14	1 12	14 0	1 15	14 59	0 50	7 39	2 22	6 41	0 35	15 37	0 25	7 53	16 46	1 49	2 4	27 43	17 14	6 11
M21	4 3	9 59	1 34	6 8	2 37	8 48	1 14	13 45	1 16	15 3	0 50	7 41	2 22	6 43	0 35	15 37	0 25	7 52	16 46	1 49	2 5	27 44	17 15	6 11
T 22	4 27	3 38	0 21	5 38	2 24	8 22	1 16	13 29	1 16	15 7	0 50	7 42	2 22	6 44	0 35	15 37	0 25	7 52	16 46	1 49	2 6	27 44	17 15	6 11
W23	4 50	3s 4	0s56	5 6	2 11	7 55	1 17	13 14	1 16	15 11	0 50	7 44	2 22	6 45	0 35	15 38	0 25	7 51	16 46	1 49	2 8	27 45	17 16	6 10
T 24	5 13	9 46	2 10	4 34	1 56	7 29	1 19	12 58	1 17	15 15	0 50	7 45	2 22	6 47	0 35	15 38	0 25	7 50	16 46	1 49	2 9	27 46	17 16	6 10
F 25	5 36	16 3	3 18	4 3	1 40	7 2	1 21	12 42	1 17	15 19	0 49	7 47	2 22	6 48	0 35	15 38	0 25	7 50	16 46	1 50	2 10	27 47	17 17	6 9
S 26	5 58	21 31	4 13	3 32	1 24	6 35	1 22	12 26	1 18	15 23	0 49	7 48	2 22	6 49	0 35	15 38	0 25	7 49	16 46	1 51	2 11	27 48	17 17	6 9
S 27	6 21	25 40	4 52	3 2	1 8	6 8	1 24	12 10	1 18	15 27	0 49	7 49	2 22	6 51	0 35	15 38	0 25	7 49	16 46	1 52	2 13	27 49	17 18	6 8
M28	6 44	28 8	5 12	2 34	0 52	5 40	1 25	11 53	1 18	15 32	0 49	7 51	2 21	6 52	0 35	15 39	0 25	7 48	16 46	1 53	2 14	27 50	17 18	6 8
T 29	7 6	28 40	5 12	2 7	0 35	5 13	1 26	11 37	1 19	15 36	0 49	7 52	2 21	6 53	0 35	15 39	0 25	7 48	16 46	1 54	2 15	27 51	17 19	6 8
W30	7 29	27 18	4 53	1 43	0 19	4 45	1 27	11 20	1 19	15 40	0 49	7 53	2 21	6 55	0 35	15 39	0 25	7 47	16 46	1 54	2 16	27 51	17 19	6 7
T 31	7n51	24s14	4s17	1n21	0n 3	4s17	1s28	11s 4	1s19	15n44	0s49	7n55	2n21	6n56	0s35	15n39	0n25	7s47	16s46	1s54	2s18	27n52	17n20	6s 7

Julian Day Number = 2304421.5, Delta T = 92.65 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'07, Lahiri = 18°14'07 Julian Calendar 1 March 1597 == Greg. Calendar 11 March 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

APRIL 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 16 32	21♈ 0'21	14♒18	3°R 2	23♓51	5♓25	15♉40	15°R24	19♈ 6	18°R40	19♈48	25♓15	24♓11	16♊32	26♊24	F 1
S 2	13 20 28	21°58'59	27°44	2♈54	25° 4	6°11	15°54	15♍21	19° 9	18♌39	19°49	25°16	24° 8	16°39	26°27	S 2
S 3	13 24 25	22°57'36	10♓57	2°D50	26°17	6°57	16° 7	15°18	19°13	18°39	19°51	25°18	24° 4	16°46	26°31	S 3
M 4	13 28 21	23°56'11	23°55	2°52	27°30	7°43	16°21	15°14	19°16	18°38	19°52	25°R18	24° 1	16°52	26°34	M 4
T 5	13 32 18	24°54'45	6♈42	2°59	28°44	8°29	16°34	15°11	19°20	18°38	19°53	25°18	23°58	16°59	26°38	T 5
W 6	13 36 15	25°53'16	19°17	3°10	29°57	9°16	16°48	15° 8	19°23	18°37	19°55	25°16	23°55	17° 6	26°42	W 6
T 7	13 40 11	26°51'46	1♉41	3°27	1♈10	10° 2	17° 2	15° 5	19°26	18°37	19°56	25°12	23°52	17°12	26°45	T 7
F 8	13 44 8	27°50'14	13°55	3°48	2°23	10°48	17°16	15° 2	19°30	18°37	19°58	25° 7	23°49	17°19	26°49	F 8
S 9	13 48 4	28°48'39	26° 0	4°13	3°36	11°34	17°29	15° 0	19°33	18°36	19°59	25° 1	23°45	17°26	26°53	S 9
S 10	13 52 1	29°47'03	7♊59	4°43	4°49	12°20	17°43	14°57	19°37	18°36	20° 0	24°55	23°42	17°33	26°57	S 10
M11	13 55 57	0♋45'25	19°52	5°17	6° 2	13° 6	17°57	14°54	19°40	18°36	20° 2	24°49	23°39	17°39	27° 1	M11
T 12	13 59 54	1°43'45	1♌44	5°55	7°15	13°52	18°11	14°52	19°43	18°35	20° 3	24°44	23°36	17°46	27° 5	T 12
W13	14 3 50	2°42'03	13°37	6°37	8°29	14°38	18°25	14°49	19°47	18°35	20° 5	24°41	23°33	17°53	27°10	W13
T 14	14 7 47	3°40'19	25°37	7°22	9°42	15°24	18°39	14°47	19°50	18°35	20° 6	24°39	23°30	17°59	27°14	T 14
F 15	14 11 44	4°38'33	7♎46	8°11	10°55	16°10	18°53	14°45	19°54	18°35	20° 7	24°D38	23°26	18° 6	27°18	F 15
S 16	14 15 40	5°36'45	20°11	9° 3	12° 8	16°56	19° 7	14°43	19°57	18°35	20° 9	24°39	23°23	18°13	27°23	S 16
S 17	14 19 37	6°34'54	2♏56	9°58	13°21	17°42	19°21	14°41	20° 0	18°35	20°10	24°41	23°20	18°20	27°27	S 17
M18	14 23 33	7°33'02	16° 4	10°57	14°34	18°28	19°35	14°39	20° 4	18°34	20°11	24°42	23°17	18°26	27°31	M18
T 19	14 27 30	8°31'07	29°39	11°58	15°47	19°14	19°49	14°37	20° 7	18°D34	20°13	24°R42	23°14	18°33	27°36	T 19
W20	14 31 26	9°29'11	13♐41	13° 2	17° 0	20° 0	20° 3	14°35	20°10	18°34	20°14	24°41	23°10	18°40	27°41	W20
T 21	14 35 23	10°27'13	28° 8	14° 9	18°14	20°46	20°17	14°34	20°14	18°34	20°15	24°37	23° 7	18°47	27°45	T 21
F 22	14 39 19	11°25'13	12♑55	15°18	19°27	21°31	20°31	14°32	20°17	18°35	20°17	24°32	23° 4	18°53	27°50	F 22
S 23	14 43 16	12°23'12	27°56	16°31	20°40	22°17	20°45	14°31	20°20	18°35	20°18	24°25	23° 1	19° 0	27°55	S 23
S 24	14 47 13	13°21'09	12♒59	17°45	21°53	23° 3	20°59	14°29	20°23	18°35	20°19	24°18	22°58	19° 7	27°59	S 24
M25	14 51 9	14°19'05	27°57	19° 2	23° 6	23°49	21°13	14°28	20°27	18°35	20°21	24°11	22°55	19°13	28° 4	M25
T 26	14 55 6	15°17'00	12♓40	20°22	24°19	24°35	21°27	14°27	20°30	18°35	20°22	24° 5	22°51	19°20	28° 9	T 26
W27	14 59 2	16°14'53	27° 4	21°44	25°33	25°20	21°41	14°26	20°33	18°35	20°23	24° 2	22°48	19°27	28°14	W27
T 28	15 2 59	17°12'45	11♒ 5	23° 8	26°46	26° 6	21°55	14°25	20°36	18°36	20°25	24° 0	22°45	19°34	28°19	T 28
F 29	15 6 55	18°10'36	24°43	24°35	27°59	26°51	22° 9	14°24	20°39	18°36	20°26	24°D 0	22°42	19°40	28°24	F 29
S 30	15 10 52	19♉ 8'25	7♓59	26♈ 3	29♈12	27♓37	22♉23	14♍23	20♈42	18♌36	20♈27	24♓ 1	22♓39	19♊47	28♊29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n13	19s52	3s26	1n 1	0s13	3s49	1s29	10s47	1s20	15n48	0s48	7n56	2n21	6n57	0s35	15n40	0n25	7s46	16s46	1s54	2s19	27n53	17n20	6s 6
S 2	8 35	14 34	2 25	0 44	0 28	3 21	1 30	10 30	1 20	15 52	0 48	7 57	2 21	6 58	0 35	15 40	0 25	7 46	16 46	1 53	2 20	27 54	17 21	6 6
S 3	8 57	8 41	1 18	0 29	0 42	2 52	1 31	10 14	1 21	15 56	0 48	7 58	2 21	7 0	0 35	15 40	0 25	7 45	16 46	1 52	2 22	27 55	17 21	6 6
M 4	9 18	2 32	0 8	0 17	0 56	2 24	1 32	9 57	1 21	16 0	0 48	7 59	2 21	7 1	0 35	15 40	0 25	7 45	16 46	1 52	2 23	27 55	17 22	6 5
T 5	9 40	3n37	1n 2	0 7	1 10	1 56	1 33	9 40	1 21	16 4	0 48	8 1	2 21	7 2	0 35	15 40	0 25	7 44	16 46	1 52	2 24	27 56	17 22	6 5
W 6	10 1	9 31	2 7	0 1	1 22	1 27	1 34	9 22	1 21	16 8	0 48	8 2	2 21	7 4	0 35	15 40	0 25	7 44	16 46	1 53	2 25	27 57	17 23	6 4
T 7	10 23	14 59	3 6	0s 4	1 34	0 59	1 34	9 5	1 22	16 12	0 48	8 3	2 20	7 5	0 35	15 40	0 25	7 43	16 46	1 55	2 27	27 58	17 23	6 4
F 8	10 44	19 46	3 54	0 6	1 45	0 30	1 35	8 48	1 22	16 16	0 48	8 4	2 20	7 6	0 35	15 41	0 25	7 43	16 46	1 57	2 28	27 59	17 24	6 4
S 9	11 5	23 42	4 32	0 5	1 55	0 1	1 35	8 31	1 22	16 20	0 47	8 5	2 20	7 8	0 35	15 41	0 25	7 42	16 46	1 59	2 29	27 59	17 24	6 3
S 10	11 25	26 34	4 57	0 2	2 5	0n27	1 36	8 13	1 23	16 24	0 47	8 6	2 20	7 9	0 35	15 41	0 25	7 42	16 46	2 1	2 30	28 0	17 25	6 3
M11	11 46	28 15	5 9	0n 4	2 14	0 56	1 36	7 56	1 23	16 28	0 47	8 6	2 20	7 10	0 35	15 41	0 25	7 41	16 46	2 4	2 32	28 1	17 25	6 3
T 12	12 6	28 37	5 8	0 11	2 22	1 25	1 36	7 38	1 23	16 32	0 47	8 7	2 20	7 11	0 35	15 41	0 25	7 41	16 46	2 6	2 33	28 2	17 25	6 2
W13	12 26	27 40	4 54	0 21	2 29	1 54	1 36	7 21	1 24	16 36	0 47	8 8	2 20	7 13	0 35	15 41	0 25	7 40	16 46	2 7	2 34	28 2	17 26	6 2
T 14	12 46	25 26	4 26	0 33	2 36	2 22	1 36	7 3	1 24	16 40	0 47	8 9	2 19	7 14	0 35	15 41	0 25	7 40	16 46	2 8	2 35	28 3	17 26	6 2
F 15	13 6	22 1	3 47	0 47	2 41	2 51	1 36	6 45	1 24	16 44	0 47	8 10	2 19	7 15	0 35	15 41	0 25	7 40	16 46	2 8	2 37	28 4	17 27	6 1
S 16	13 25	17 34	2 56	1 3	2 46	3 20	1 36	6 28	1 24	16 47	0 47	8 10	2 19	7 17	0 35	15 41	0 25	7 39	16 46	2 8	2 38	28 4	17 27	6 1
S 17	13 45	12 15	1 55	1 21	2 51	3 48	1 36	6 10	1 24	16 51	0 47	8 11	2 19	7 18	0 35	15 41	0 25	7 39	16 46	2 7	2 39	28 5	17 28	6 1
M18	14 4	6 14	0 47	1 40	2 54	4 17	1 36	5 52	1 25	16 55	0 46	8 12	2 19	7 19	0 35	15 41	0 25	7 38	16 46	2 7	2 40	28 6	17 28	6 0
T 19	14 23	0s16	0s27	2 1	2 57	4 45	1 36	5 34	1 25	16 59	0 46	8 12	2 19	7 20	0 35	15 41	0 25	7 38	16 46	2 7	2 42	28 6	17 28	6 0
W20	14 41	6 57	1 41	2 24	2 59	5 14	1 35	5 16	1 25	17 3	0 46	8 13	2 19	7 22	0 35	15 41	0 25	7 38	16 47	2 7	2 43	28 7	17 29	6 0
T 21	14 59	13 29	2 50	2 49	3 1	5 42	1 35	4 59	1 25	17 7	0 46	8 13	2 18	7 23	0 35	15 41	0 25	7 37	16 47	2 9	2 44	28 8	17 29	5 59
F 22	15 18	19 24	3 50	3 15	3 2	6 10	1 35	4 41	1 26	17 11	0 46	8 14	2 18	7 24	0 35	15 41	0 25	7 37	16 47	2 11	2 45	28 8	17 29	5 59
S 23	15 35	24 12	4 35	3 42	3 2	6 38	1 34	4 23	1 26	17 14	0 46	8 14	2 18	7 25	0 35	15 41	0 25	7 36	16 47	2 13	2 47	28 9	17 30	5 59
S 24	15 53	27 23	5 1	4 11	3 2	7 6	1 33	4 5	1 26	17 18	0 46	8 14	2 18	7 26	0 35	15 41	0 25	7 36	16 47	2 16	2 48	28 10	17 30	5 59
M25	16 10	28 35	5 6	4 41	3 1	7 34	1 33	3 47	1 26	17 22	0 46	8 15	2 18	7 28	0 35	15 41	0 25	7 36	16 47	2 19	2 49	28 10	17 31	5 58
T 26	16 27	27 43	4 51	5 12	2 59	8 1	1 32	3 29	1 26	17 26	0 46	8 15	2 18	7 29	0 35	15 41	0 25	7 35	16 47	2 21	2 51	28 11	17 31	5 58
W27	16 44	25 0	4 18	5 45	2 57	8 29	1 31	3 11	1 26	17 30	0 46	8 15	2 17	7 30	0 35	15 41	0 25	7 35	16 47	2 23	2 52	28 12	17 31	5 58
T 28	17 1	20 51	3 29	6 19	2 54	8 56	1 30	2 53	1 26	17 33	0 46	8 15	2 17	7 31	0 35	15 41	0 25	7 35	16 48	2 23	2 53	28 12	17 32	5 57
F 29	17 17	15 41	2 31	6 54	2 51	9 23	1 30	2 35	1 27	17 37	0 45	8 16	2 17	7 32	0 35	15 41	0 25	7 34	16 48	2 23	2 54	28 13	17 32	5 57
S 30	17n33	9s54	1s25	7n30	2s47	9n50	1s29	2s16	1s27	17n41	0s45	8n16	2n17	7n34	0s35	15n41	0n25	7s34	16s48	2s23	2s56	28n13	17n32	5s57

Julian Day Number = 2304452.5, Delta T = 92.53 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'11, Lahiri = 18°14'12 Julian Calendar 1 Apr. 1597 == Greg. Calendar 11 Apr. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

MAY 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 14 48	20♉ 6'14	20♓57	27♈34	0♉25	28♓23	22♉38	14°R22	20♈45	18♎37	20♈28	24°R 2	22♓35	19♊54	28♊34	S 1
M 2	15 18 45	21° 4'01	3♈39	29° 8	1°39	29° 8	22°52	14♍22	20°49	18°37	20°30	24♓ 1	22°32	20° 0	28°40	M 2
T 3	15 22 42	22° 1'47	16° 8	0♉43	2°52	29°54	23° 6	14°21	20°52	18°37	20°31	23°59	22°29	20° 7	28°45	T 3
W 4	15 26 38	22°59'31	28°27	2°21	4° 5	0♈39	23°20	14°21	20°55	18°38	20°32	23°54	22°26	20°14	28°50	W 4
T 5	15 30 35	23°57'15	10♉37	4° 0	5°18	1°25	23°34	14°21	20°58	18°38	20°33	23°47	22°23	20°21	28°55	T 5
F 6	15 34 31	24°54'57	22°41	5°42	6°32	2°10	23°48	14°21	21° 1	18°39	20°34	23°37	22°20	20°27	29° 1	F 6
S 7	15 38 28	25°52'38	4♊40	7°27	7°45	2°55	24° 2	14°D21	21° 4	18°40	20°36	23°26	22°16	20°34	29° 6	S 7
S 8	15 42 24	26°50'18	16°34	9°13	8°58	3°41	24°16	14°21	21° 7	18°40	20°37	23°14	22°13	20°41	29°12	S 8
M 9	15 46 21	27°47'56	28°26	11° 1	10°11	4°26	24°31	14°21	21°10	18°41	20°38	23° 2	22°10	20°48	29°17	M 9
T 10	15 50 17	28°45'33	10♋17	12°52	11°25	5°11	24°45	14°21	21°13	18°41	20°39	22°52	22° 7	20°54	29°23	T 10
W11	15 54 14	29°43'09	22°11	14°45	12°38	5°56	24°59	14°22	21°15	18°42	20°40	22°44	22° 4	21° 1	29°28	W11
T 12	15 58 11	0♊40'43	4♌10	16°40	13°51	6°41	25°13	14°22	21°18	18°43	20°41	22°38	22° 1	21° 8	29°34	T 12
F 13	16 2 7	1°38'16	16°18	18°37	15° 4	7°26	25°27	14°23	21°21	18°44	20°42	22°35	21°57	21°14	29°39	F 13
S 14	16 6 4	2°35'47	28°40	20°36	16°18	8°11	25°41	14°23	21°24	18°44	20°44	22°D34	21°54	21°21	29°45	S 14
S 15	16 10 0	3°33'17	11♍20	22°37	17°31	8°56	25°55	14°24	21°27	18°45	20°45	22°34	21°51	21°28	29°51	S 15
M16	16 13 57	4°30'46	24°23	24°40	18°44	9°41	26° 9	14°25	21°29	18°46	20°46	22°R34	21°48	21°35	29°56	M16
T 17	16 17 53	5°28'13	7♎54	26°45	19°57	10°26	26°23	14°26	21°32	18°47	20°47	22°34	21°45	21°41	0♋ 2	T 17
W18	16 21 50	6°25'39	21°53	28°51	21°11	11°11	26°37	14°27	21°35	18°48	20°48	22°31	21°41	21°48	0° 8	W18
T 19	16 25 46	7°23'04	6♏21	0♊59	22°24	11°56	26°51	14°28	21°37	18°49	20°49	22°26	21°38	21°55	0°13	T 19
F 20	16 29 43	8°20'28	21°15	3° 8	23°37	12°40	27° 5	14°30	21°40	18°50	20°50	22°18	21°35	22° 2	0°19	F 20
S 21	16 33 40	9°17'50	6♐26	5°18	24°50	13°25	27°19	14°31	21°43	18°51	20°51	22° 8	21°32	22° 8	0°25	S 21
S 22	16 37 36	10°15'12	21°44	7°29	26° 4	14°10	27°33	14°33	21°45	18°52	20°52	21°58	21°29	22°15	0°31	S 22
M23	16 41 33	11°12'34	6♑59	9°41	27°17	14°54	27°47	14°34	21°48	18°53	20°53	21°48	21°26	22°22	0°37	M23
T 24	16 45 29	12° 9'54	21°59	11°53	28°30	15°39	28° 1	14°36	21°50	18°54	20°54	21°39	21°22	22°28	0°43	T 24
W25	16 49 26	13° 7'14	6♒37	14° 5	29°44	16°23	28°15	14°38	21°53	18°55	20°55	21°33	21°19	22°35	0°49	W25
T 26	16 53 22	14° 4'34	20°48	16°17	0♊57	17° 8	28°28	14°40	21°55	18°56	20°56	21°30	21°16	22°42	0°55	T 26
F 27	16 57 19	15° 1'52	4♓30	18°28	2°10	17°52	28°42	14°42	21°57	18°57	20°57	21°28	21°13	22°49	1° 1	F 27
S 28	17 1 16	15°59'11	17°47	20°39	3°24	18°36	28°56	14°44	22° 0	18°58	20°58	21°28	21°10	22°55	1° 7	S 28
S 29	17 5 12	16°56'29	0♈41	22°48	4°37	19°20	29°10	14°46	22° 2	19° 0	20°58	21°28	21° 7	23° 2	1°13	S 29
M30	17 9 9	17°53'46	13°15	24°57	5°51	20° 5	29°23	14°48	22° 4	19° 1	20°59	21°27	21° 3	23° 9	1°19	M30
T 31	17 13 5	18♊51'04	25♈35	27♊ 4	7♊ 4	20♈49	29♉37	14♍51	22♈ 7	19♌ 2	21♈ 0	21♓23	21♓ 0	23♊16	1♋25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n49	3s51	0s17	8n 6	2s42	10n17	1s27	1s58	1s27	17n44	0s45	8n16	2n17	7n35	0s35	15n40	0n25	7s34	16s48	2s23	2s57	28n14	17n32	5s57
M 2	18 4	2n14	0n51	8 44	2 37	10 43	1 26	1 40	1 27	17 48	0 45	8 16	2 16	7 36	0 35	15 40	0 25	7 33	16 48	2 23	2 58	28 15	17 33	5 57
T 3	18 19	8 8	1 55	9 23	2 32	11 10	1 25	1 22	1 27	17 52	0 45	8 16	2 16	7 37	0 35	15 40	0 25	7 33	16 48	2 24	2 59	28 15	17 33	5 56
W 4	18 34	13 38	2 53	10 2	2 25	11 36	1 24	1 4	1 27	17 55	0 45	8 16	2 16	7 38	0 35	15 40	0 25	7 33	16 49	2 26	3 1	28 16	17 33	5 56
T 5	18 48	18 33	3 42	10 42	2 19	12 1	1 23	0 46	1 27	17 59	0 45	8 16	2 16	7 39	0 35	15 40	0 25	7 33	16 49	2 29	3 2	28 16	17 34	5 56
F 6	19 2	22 40	4 20	11 23	2 12	12 27	1 21	0 28	1 27	18 2	0 45	8 16	2 16	7 40	0 35	15 40	0 25	7 32	16 49	2 32	3 3	28 17	17 34	5 56
S 7	19 16	25 49	4 47	12 4	2 4	12 52	1 20	0 10	1 27	18 6	0 45	8 16	2 16	7 42	0 35	15 40	0 25	7 32	16 49	2 37	3 4	28 17	17 34	5 55
S 8	19 30	27 48	5 0	12 46	1 56	13 17	1 19	0n 8	1 27	18 10	0 45	8 15	2 15	7 43	0 35	15 39	0 25	7 32	16 49	2 42	3 6	28 18	17 34	5 55
M 9	19 43	28 30	5 1	13 28	1 48	13 41	1 17	0 26	1 27	18 13	0 45	8 15	2 15	7 44	0 35	15 39	0 25	7 32	16 49	2 46	3 7	28 18	17 34	5 55
T 10	19 56	27 53	4 49	14 10	1 39	14 6	1 15	0 44	1 27	18 17	0 45	8 15	2 15	7 45	0 35	15 39	0 25	7 31	16 50	2 50	3 8	28 19	17 35	5 55
W11	20 8	26 0	4 24	14 53	1 29	14 29	1 14	1 2	1 27	18 20	0 45	8 15	2 15	7 46	0 35	15 39	0 25	7 31	16 50	2 53	3 9	28 19	17 35	5 55
T 12	20 20	22 56	3 47	15 35	1 20	14 53	1 12	1 20	1 27	18 24	0 44	8 14	2 15	7 47	0 35	15 39	0 25	7 31	16 50	2 56	3 11	28 20	17 35	5 55
F 13	20 32	18 51	3 0	16 17	1 10	15 16	1 11	1 37	1 27	18 27	0 44	8 14	2 14	7 48	0 35	15 38	0 25	7 31	16 50	2 57	3 12	28 20	17 35	5 54
S 14	20 44	13 54	2 3	16 59	1 0	15 39	1 9	1 55	1 27	18 30	0 44	8 13	2 14	7 49	0 35	15 38	0 25	7 31	16 51	2 57	3 13	28 21	17 35	5 54
S 15	20 55	8 15	0 59	17 40	0 49	16 1	1 7	2 13	1 27	18 34	0 44	8 13	2 14	7 50	0 35	15 38	0 25	7 30	16 51	2 57	3 14	28 21	17 36	5 54
M16	21 5	2 5	0s10	18 21	0 39	16 23	1 5	2 31	1 27	18 37	0 44	8 12	2 14	7 51	0 35	15 38	0 25	7 30	16 51	2 57	3 16	28 22	17 36	5 54
T 17	21 16	4s22	1 20	19 1	0 28	16 45	1 3	2 48	1 27	18 40	0 44	8 12	2 14	7 52	0 35	15 37	0 25	7 30	16 51	2 58	3 17	28 22	17 36	5 54
W18	21 26	10 50	2 29	19 40	0 17	17 6	1 1	3 6	1 27	18 44	0 44	8 11	2 14	7 53	0 35	15 37	0 25	7 30	16 51	2 59	3 18	28 22	17 36	5 54
T 19	21 36	16 58	3 30	20 18	0 6	17 27	1 0	3 23	1 27	18 47	0 44	8 10	2 13	7 54	0 35	15 37	0 25	7 30	16 52	3 1	3 19	28 23	17 36	5 53
F 20	21 45	22 16	4 18	20 54	0n 4	17 48	0 58	3 41	1 27	18 50	0 44	8 10	2 13	7 55	0 35	15 36	0 25	7 30	16 52	3 4	3 21	28 23	17 36	5 53
S 21	21 54	26 11	4 50	21 29	0 15	18 7	0 56	3 58	1 27	18 53	0 44	8 9	2 13	7 56	0 35	15 36	0 25	7 29	16 52	3 8	3 22	28 24	17 36	5 53
S 22	22 2	28 14	5 1	22 1	0 25	18 27	0 53	4 16	1 27	18 57	0 44	8 8	2 13	7 57	0 35	15 36	0 25	7 29	16 52	3 12	3 23	28 24	17 36	5 53
M23	22 10	28 9	4 50	22 32	0 35	18 46	0 51	4 33	1 27	19 0	0 44	8 8	2 13	7 58	0 35	15 35	0 25	7 29	16 53	3 16	3 24	28 25	17 36	5 53
T 24	22 18	25 58	4 20	23 1	0 45	19 4	0 49	4 50	1 27	19 3	0 44	8 7	2 12	7 59	0 35	15 35	0 25	7 29	16 53	3 19	3 26	28 25	17 37	5 53
W25	22 26	22 6	3 33	23 27	0 54	19 22	0 47	5 8	1 26	19 6	0 44	8 6	2 12	8 0	0 35	15 35	0 25	7 29	16 53	3 21	3 27	28 25	17 37	5 53
T 26	22 32	17 2	2 34	23 50	1 3	19 40	0 45	5 25	1 26	19 9	0 44	8 5	2 12	8 1	0 36	15 34	0 25	7 29	16 53	3 23	3 28	28 26	17 37	5 53
F 27	22 39	11 15	1 28	24 11	1 12	19 57	0 43	5 42	1 26	19 12	0 44	8 4	2 12	8 1	0 36	15 34	0 25	7 29	16 54	3 23	3 29	28 26	17 37	5 53
S 28	22 45	5 8	0 19	24 29	1 19	20 13	0 40	5 59	1 26	19 15	0 44	8 3	2 12	8 2	0 36	15 34	0 25	7 29	16 54	3 23	3 31	28 26	17 37	5 53
S 29	22 51	1n 1	0n48	24 44	1 26	20 29	0 38	6 16	1 26	19 18	0 44	8 2	2 11	8 3	0 36	15 33	0 25	7 29	16 54	3 23	3 32	28 27	17 37	5 53
M30	22 56	6 58	1 52	24 57	1 33	20 44	0 36	6 33	1 26	19 21	0 44	8 1	2 11	8 4	0 36	15 33	0 25	7 29	16 55	3 24	3 33	28 27	17 37	5 53
T 31	23n 1	12n33	2n50	25n 6	1n39	20n59	0s34	6n49	1s25	19n24	0s43	8n 0	2n11	8n 5	0s36	15n32	0n25	7s29	16s55	3s25	3s34	28n27	17n37	5s53

Julian Day Number = 2304482.5, Delta T = 92.41 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'15, Lahiri = 18°14'16 Julian Calendar 1 May 1597 == Greg. Calendar 11 May 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

JUNE 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 17 2	19♊48'20	7♉44	29♊ 9	8♊17	21♈33	29♉51	14♍53	22♈ 9	19♌ 3	21♈ 1	21°R17	20♓57	23♊22	1♋31	W 1
T 2	17 20 58	20°45'37	19°46	1♋13	9°31	22°17	0♊ 4	14°56	22°11	19° 5	21° 2	21♓ 9	20°54	23°29	1°37	T 2
F 3	17 24 55	21°42'53	1♊42	3°15	10°44	23° 1	0°18	14°58	22°13	19° 6	21° 3	20°57	20°51	23°36	1°43	F 3
S 4	17 28 51	22°40'09	13°35	5°15	11°58	23°44	0°32	15° 1	22°15	19° 7	21° 3	20°44	20°47	23°42	1°49	S 4
S 5	17 32 48	23°37'25	25°27	7°13	13°11	24°28	0°45	15° 4	22°17	19° 9	21° 4	20°30	20°44	23°49	1°55	S 5
M 6	17 36 45	24°34'40	7♋19	9° 8	14°25	25°12	0°59	15° 7	22°19	19°10	21° 5	20°16	20°41	23°56	2° 1	M 6
T 7	17 40 41	25°31'54	19°13	11° 2	15°38	25°56	1°12	15°10	22°21	19°12	21° 5	20° 4	20°38	24° 3	2° 7	T 7
W 8	17 44 38	26°29'08	1♌10	12°54	16°52	26°39	1°25	15°13	22°23	19°13	21° 6	19°54	20°35	24° 9	2°14	W 8
T 9	17 48 34	27°26'22	13°12	14°43	18° 5	27°23	1°39	15°16	22°25	19°15	21° 7	19°47	20°32	24°16	2°20	T 9
F 10	17 52 31	28°23'35	25°23	16°30	19°19	28° 6	1°52	15°20	22°27	19°16	21° 8	19°43	20°28	24°23	2°26	F 10
S 11	17 56 27	29°20'47	7♍47	18°15	20°32	28°49	2° 5	15°23	22°29	19°18	21° 8	19°41	20°25	24°29	2°32	S 11
S 12	18 0 24	0♋17'59	20°26	19°58	21°46	29°33	2°19	15°26	22°30	19°19	21° 9	19°D40	20°22	24°36	2°38	S 12
M13	18 4 20	1°15'11	3♎26	21°38	22°59	0♉16	2°32	15°30	22°32	19°21	21° 9	19°R41	20°19	24°43	2°44	M13
T 14	18 8 17	2°12'22	16°50	23°17	24°13	0°59	2°45	15°34	22°34	19°23	21°10	19°40	20°16	24°50	2°51	T 14
W15	18 12 14	3° 9'33	0♏42	24°53	25°26	1°42	2°58	15°37	22°35	19°24	21°11	19°38	20°13	24°56	2°57	W15
T 16	18 16 10	4° 6'43	15° 2	26°26	26°40	2°25	3°11	15°41	22°37	19°26	21°11	19°33	20° 9	25° 3	3° 3	T 16
F 17	18 20 7	5° 3'53	29°47	27°58	27°53	3° 8	3°24	15°45	22°39	19°28	21°12	19°26	20° 6	25°10	3° 9	F 17
S 18	18 24 3	6° 1'03	14♐53	29°27	29° 7	3°50	3°37	15°49	22°40	19°29	21°12	19°17	20° 3	25°17	3°15	S 18
S 19	18 28 0	6°58'13	0♑10	0♌54	0♋21	4°33	3°50	15°53	22°42	19°31	21°13	19° 7	20° 0	25°23	3°21	S 19
M20	18 31 56	7°55'23	15°28	2°18	1°34	5°16	4° 2	15°57	22°43	19°33	21°13	18°57	19°57	25°30	3°28	M20
T 21	18 35 53	8°52'33	0♒34	3°41	2°48	5°58	4°15	16° 2	22°44	19°35	21°14	18°49	19°53	25°37	3°34	T 21
W22	18 39 50	9°49'43	15°20	5° 0	4° 1	6°41	4°28	16° 6	22°46	19°36	21°14	18°43	19°50	25°43	3°40	W22
T 23	18 43 46	10°46'53	29°39	6°18	5°15	7°23	4°41	16°10	22°47	19°38	21°14	18°39	19°47	25°50	3°46	T 23
F 24	18 47 43	11°44'04	13♓30	7°33	6°29	8° 5	4°53	16°15	22°48	19°40	21°15	18°D38	19°44	25°57	3°52	F 24
S 25	18 51 39	12°41'15	26°52	8°45	7°42	8°48	5° 6	16°19	22°49	19°42	21°15	18°38	19°41	26° 4	3°58	S 25
S 26	18 55 36	13°38'26	9♈49	9°55	8°56	9°30	5°18	16°24	22°50	19°44	21°15	18°R38	19°38	26°10	4° 5	S 26
M27	18 59 32	14°35'38	22°24	11° 2	10°10	10°12	5°31	16°29	22°52	19°46	21°16	18°38	19°34	26°17	4°11	M27
T 28	19 3 29	15°32'51	4♉42	12° 6	11°24	10°54	5°43	16°33	22°53	19°47	21°16	18°36	19°31	26°24	4°17	T 28
W29	19 7 25	16°30'04	16°47	13° 7	12°37	11°35	5°55	16°38	22°54	19°49	21°16	18°32	19°28	26°31	4°23	W29
T 30	19 11 22	17♋27'18	28♉45	14♌ 6	13♋51	12♉17	6♊ 7	16♍43	22♈55	19♌51	21♈17	18♓26	19♓25	26♊37	4♋29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 6	17n33	3n38	25n13	1n44	21n13	0s31	7n 6	1s25	19n27	0s43	7n59	2n11	8n 6	0s36	15n32	0n25	7s29	16s55	3s28	3s36	28n28	17n37	5s52
T 2	23 10	21 50	4 16	25 17	1 48	21 27	0 29	7 23	1 25	19 30	0 43	7 58	2 11	8 6	0 36	15 32	0 25	7 29	16 55	3 31	3 37	28 28	17 37	5 52
F 3	23 14	25 10	4 43	25 19	1 51	21 40	0 27	7 39	1 25	19 33	0 43	7 56	2 11	8 7	0 36	15 31	0 25	7 29	16 56	3 36	3 38	28 28	17 37	5 52
S 4	23 17	27 24	4 57	25 18	1 54	21 52	0 24	7 56	1 25	19 36	0 43	7 55	2 10	8 8	0 36	15 31	0 25	7 29	16 56	3 41	3 39	28 29	17 37	5 52
S 5	23 20	28 23	4 58	25 14	1 56	22 4	0 22	8 12	1 24	19 39	0 43	7 54	2 10	8 9	0 36	15 30	0 25	7 29	16 56	3 46	3 41	28 29	17 36	5 52
M 6	23 23	28 3	4 46	25 8	1 58	22 15	0 20	8 28	1 24	19 42	0 43	7 53	2 10	8 9	0 36	15 30	0 25	7 29	16 57	3 52	3 42	28 29	17 36	5 52
T 7	23 25	26 26	4 22	25 0	1 58	22 26	0 17	8 44	1 24	19 45	0 43	7 51	2 10	8 10	0 36	15 29	0 25	7 29	16 57	3 57	3 43	28 29	17 36	5 52
W 8	23 27	23 37	3 46	24 50	1 58	22 36	0 15	9 0	1 24	19 47	0 43	7 50	2 10	8 11	0 36	15 29	0 25	7 29	16 57	4 0	3 44	28 30	17 36	5 52
T 9	23 28	19 46	3 0	24 37	1 57	22 45	0 12	9 16	1 23	19 50	0 43	7 48	2 10	8 11	0 36	15 29	0 25	7 29	16 58	4 3	3 46	28 30	17 36	5 52
F 10	23 29	15 3	2 5	24 23	1 56	22 54	0 10	9 32	1 23	19 53	0 43	7 47	2 9	8 12	0 36	15 28	0 25	7 29	16 58	4 5	3 47	28 30	17 36	5 52
S 11	23 30	9 38	1 3	24 7	1 54	23 2	0 7	9 48	1 23	19 55	0 43	7 45	2 9	8 13	0 36	15 28	0 25	7 29	16 58	4 6	3 48	28 30	17 36	5 52
S 12	23 30	3 44	0s 4	23 50	1 51	23 9	0 5	10 3	1 22	19 58	0 43	7 44	2 9	8 13	0 36	15 27	0 25	7 29	16 59	4 6	3 49	28 31	17 36	5 53
M13	23 29	2s28	1 12	23 31	1 47	23 16	0 3	10 19	1 22	20 1	0 43	7 42	2 9	8 14	0 36	15 27	0 25	7 29	16 59	4 6	3 51	28 31	17 35	5 53
T 14	23 29	8 46	2 18	23 11	1 43	23 22	0 0	10 34	1 22	20 3	0 43	7 41	2 9	8 15	0 36	15 26	0 25	7 29	16 59	4 6	3 52	28 31	17 35	5 53
W15	23 27	14 51	3 19	22 49	1 39	23 27	0n 2	10 49	1 21	20 6	0 43	7 39	2 8	8 15	0 36	15 26	0 25	7 29	16 59	4 7	3 53	28 31	17 35	5 53
T 16	23 26	20 21	4 9	22 27	1 33	23 32	0 5	11 4	1 21	20 8	0 43	7 38	2 8	8 16	0 36	15 25	0 25	7 29	17 0	4 9	3 54	28 31	17 35	5 53
F 17	23 24	24 46	4 44	22 3	1 28	23 36	0 7	11 19	1 21	20 11	0 43	7 36	2 8	8 16	0 36	15 24	0 25	7 29	17 0	4 12	3 56	28 32	17 35	5 53
S 18	23 21	27 37	5 1	21 38	1 21	23 39	0 9	11 34	1 20	20 13	0 43	7 34	2 8	8 17	0 36	15 24	0 25	7 30	17 0	4 15	3 57	28 32	17 34	5 53
S 19	23 19	28 26	4 56	21 13	1 14	23 41	0 12	11 49	1 20	20 16	0 43	7 32	2 8	8 17	0 36	15 23	0 25	7 30	17 1	4 19	3 58	28 32	17 34	5 53
M20	23 15	27 4	4 30	20 47	1 7	23 43	0 14	12 3	1 19	20 18	0 43	7 31	2 8	8 18	0 36	15 23	0 25	7 30	17 1	4 23	3 59	28 32	17 34	5 53
T 21	23 12	23 45	3 46	20 20	0 59	23 44	0 16	12 18	1 19	20 21	0 43	7 29	2 8	8 18	0 36	15 22	0 25	7 30	17 1	4 26	4 1	28 32	17 34	5 53
W22	23 8	18 56	2 47	19 53	0 51	23 45	0 19	12 32	1 19	20 23	0 43	7 27	2 7	8 19	0 36	15 22	0 25	7 30	17 2	4 29	4 2	28 32	17 33	5 53
T 23	23 3	13 10	1 39	19 25	0 42	23 44	0 21	12 47	1 18	20 25	0 43	7 25	2 7	8 19	0 36	15 21	0 25	7 30	17 2	4 30	4 3	28 33	17 33	5 53
F 24	22 58	6 55	0 27	18 57	0 32	23 43	0 23	13 1	1 18	20 27	0 43	7 23	2 7	8 20	0 36	15 21	0 25	7 30	17 3	4 30	4 4	28 33	17 33	5 54
S 25	22 53	0 35	0n44	18 29	0 23	23 42	0 26	13 15	1 17	20 30	0 43	7 21	2 7	8 20	0 36	15 20	0 25	7 31	17 3	4 30	4 6	28 33	17 33	5 54
S 26	22 48	5n35	1 50	18 0	0 12	23 39	0 28	13 28	1 17	20 32	0 43	7 20	2 7	8 21	0 36	15 19	0 25	7 31	17 3	4 30	4 7	28 33	17 32	5 54
M27	22 42	11 21	2 50	17 32	0 2	23 36	0 30	13 42	1 16	20 34	0 43	7 18	2 7	8 21	0 36	15 19	0 25	7 31	17 4	4 30	4 8	28 33	17 32	5 54
T 28	22 35	16 33	3 40	17 3	0s 9	23 32	0 32	13 56	1 16	20 36	0 43	7 16	2 7	8 21	0 36	15 18	0 25	7 31	17 4	4 31	4 9	28 33	17 32	5 54
W29	22 28	21 1	4 19	16 35	0 21	23 28	0 35	14 9	1 15	20 39	0 43	7 14	2 6	8 22	0 36	15 18	0 25	7 31	17 4	4 33	4 11	28 33	17 31	5 54
T 30	22n21	24n34	4n46	16n 7	0s32	23n23	0n37	14n22	1s15	20n41	0s43	7n12	2n 6	8n22	0s36	15n17	0n25	7s32	17s 5	4s35	4s12	28n33	17n31	5s54

Julian Day Number = 2304513.5, Delta T = 92.29 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'20, Lahiri = 18°14'20 Julian Calendar 1 June 1597 == Greg. Calendar 11 June 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

JULY 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 15 19	18♋24'33	10♊38	15♌ 1	15♋ 5	12♉59	6♊19	16♍48	22♈55	19♌53	21♈17	18°R17	19♓22	26♊44	4♋35	F 1
S 2	19 19 15	19°21'48	22°29	15°53	16°19	13°40	6°31	16°53	22°56	19°55	21°17	18♓ 7	19°19	26°51	4°41	S 2
S 3	19 23 12	20°19'04	4♋21	16°42	17°33	14°22	6°43	16°58	22°57	19°57	21°17	17°56	19°15	26°57	4°47	S 3
M 4	19 27 8	21°16'20	16°16	17°27	18°46	15° 3	6°55	17° 3	22°58	19°59	21°17	17°45	19°12	27° 4	4°53	M 4
T 5	19 31 5	22°13'37	28°15	18° 9	20° 0	15°44	7° 7	17° 9	22°59	20° 1	21°18	17°36	19° 9	27°11	4°59	T 5
W 6	19 35 1	23°10'54	10♌20	18°47	21°14	16°25	7°19	17°14	22°59	20° 3	21°18	17°28	19° 6	27°18	5° 5	W 6
T 7	19 38 58	24° 8'12	22°32	19°22	22°28	17° 6	7°31	17°19	23° 0	20° 5	21°18	17°23	19° 3	27°24	5°11	T 7
F 8	19 42 54	25° 5'30	4♍52	19°52	23°42	17°47	7°42	17°25	23° 0	20° 7	21°18	17°20	18°59	27°31	5°17	F 8
S 9	19 46 51	26° 2'48	17°24	20°17	24°56	18°28	7°54	17°30	23° 1	20° 9	21°18	17°D19	18°56	27°38	5°23	S 9
S 10	19 50 48	27° 0'07	0♎10	20°39	26°10	19° 9	8° 5	17°36	23° 1	20°11	21°18	17°20	18°53	27°44	5°29	S 10
M11	19 54 44	27°57'27	13°14	20°56	27°24	19°49	8°16	17°42	23° 2	20°14	21°18	17°21	18°50	27°51	5°35	M11
T 12	19 58 41	28°54'47	26°37	21° 8	28°38	20°30	8°28	17°47	23° 2	20°16	21°R18	17°R22	18°47	27°58	5°41	T 12
W13	20 2 37	29°52'07	10♏23	21°15	29°52	21°10	8°39	17°53	23° 3	20°18	21°18	17°21	18°44	28° 5	5°47	W13
T 14	20 6 34	0♌49'28	24°31	21°R17	1♌ 6	21°50	8°50	17°59	23° 3	20°20	21°18	17°19	18°40	28°11	5°53	T 14
F 15	20 10 30	1°46'50	9♐ 2	21°14	2°20	22°31	9° 1	18° 5	23° 3	20°22	21°18	17°15	18°37	28°18	5°59	F 15
S 16	20 14 27	2°44'12	23°51	21° 6	3°34	23°11	9°12	18°11	23° 3	20°24	21°18	17°10	18°34	28°25	6° 4	S 16
S 17	20 18 23	3°41'35	8♑52	20°53	4°48	23°50	9°22	18°17	23° 3	20°26	21°18	17° 3	18°31	28°32	6°10	S 17
M18	20 22 20	4°38'59	23°56	20°35	6° 2	24°30	9°33	18°23	23° 3	20°28	21°18	16°57	18°28	28°38	6°16	M18
T 19	20 26 17	5°36'23	8♒53	20°11	7°16	25°10	9°44	18°29	23°R 3	20°31	21°18	16°52	18°25	28°45	6°22	T 19
W20	20 30 13	6°33'49	23°35	19°43	8°30	25°49	9°54	18°35	23° 3	20°33	21°17	16°48	18°21	28°52	6°27	W20
T 21	20 34 10	7°31'15	7♓54	19°10	9°44	26°29	10° 5	18°41	23° 3	20°35	21°17	16°46	18°18	28°58	6°33	T 21
F 22	20 38 6	8°28'43	21°48	18°33	10°58	27° 8	10°15	18°47	23° 3	20°37	21°17	16°D46	18°15	29° 5	6°39	F 22
S 23	20 42 3	9°26'11	5♈15	17°52	12°12	27°47	10°25	18°54	23° 3	20°39	21°17	16°47	18°12	29°12	6°44	S 23
S 24	20 45 59	10°23'41	18°16	17° 8	13°26	28°26	10°35	19° 0	23° 3	20°41	21°16	16°49	18° 9	29°19	6°50	S 24
M25	20 49 56	11°21'13	0♉55	16°22	14°40	29° 5	10°45	19° 6	23° 3	20°44	21°16	16°50	18° 5	29°25	6°55	M25
T 26	20 53 52	12°18'46	13°16	15°34	15°54	29°44	10°55	19°13	23° 2	20°46	21°16	16°R50	18° 2	29°32	7° 1	T 26
W27	20 57 49	13°16'21	25°23	14°45	17° 8	0♊23	11° 5	19°19	23° 2	20°48	21°16	16°50	17°59	29°39	7° 6	W27
T 28	21 1 46	14°13'57	7♊20	13°56	18°23	1° 1	11°15	19°26	23° 1	20°50	21°15	16°47	17°56	29°45	7°12	T 28
F 29	21 5 42	15°11'34	19°13	13° 8	19°37	1°39	11°24	19°32	23° 1	20°52	21°15	16°44	17°53	29°52	7°17	F 29
S 30	21 9 39	16° 9'13	1♋ 5	12°22	20°51	2°18	11°34	19°39	23° 1	20°55	21°15	16°39	17°50	29°59	7°22	S 30
S 31	21 13 35	17♌ 6'53	12♋59	11♌38	22♌ 5	2♊56	11♊43	19♍46	23♈ 0	20♌57	21♈14	16♓34	17♓46	0♋ 6	7♋28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n14	27n 3	5n 1	15n40	0s44	23n17	0n39	14n35	1s14	20n43	0s43	7n 9	2n 6	8n22	0s36	15n16	0n25	7s32	17s 5	4s38	4s13	28n33	17n30	5s55
S 2	22 6	28 19	5 3	15 13	0 57	23 10	0 41	14 48	1 14	20 45	0 43	7 7	2 6	8 23	0 36	15 16	0 25	7 32	17 5	4 42	4 14	28 33	17 30	5 55
S 3	21 57	28 17	4 51	14 46	1 9	23 3	0 43	15 1	1 13	20 47	0 43	7 5	2 6	8 23	0 36	15 15	0 25	7 32	17 6	4 47	4 16	28 33	17 30	5 55
M 4	21 48	26 55	4 27	14 20	1 22	22 55	0 45	15 14	1 13	20 49	0 43	7 3	2 6	8 23	0 36	15 15	0 25	7 33	17 6	4 51	4 17	28 33	17 29	5 55
T 5	21 39	24 20	3 51	13 55	1 35	22 46	0 47	15 26	1 12	20 51	0 43	7 1	2 6	8 23	0 36	15 14	0 25	7 33	17 6	4 55	4 18	28 33	17 29	5 55
W 6	21 30	20 39	3 5	13 31	1 48	22 37	0 49	15 39	1 12	20 53	0 43	6 59	2 5	8 24	0 36	15 13	0 25	7 33	17 7	4 58	4 19	28 33	17 28	5 56
T 7	21 20	16 4	2 9	13 8	2 1	22 27	0 51	15 51	1 11	20 55	0 43	6 56	2 5	8 24	0 36	15 13	0 25	7 34	17 7	5 0	4 21	28 34	17 28	5 56
F 8	21 10	10 47	1 6	12 46	2 15	22 17	0 53	16 3	1 10	20 57	0 43	6 54	2 5	8 24	0 36	15 12	0 25	7 34	17 7	5 1	4 22	28 34	17 28	5 56
S 9	20 59	4 59	0s 0	12 25	2 28	22 5	0 55	16 15	1 10	20 58	0 43	6 52	2 5	8 24	0 37	15 11	0 25	7 34	17 8	5 1	4 23	28 34	17 27	5 56
S 10	20 48	1s 7	1 9	12 5	2 42	21 53	0 56	16 26	1 9	21 0	0 43	6 50	2 5	8 24	0 37	15 11	0 25	7 34	17 8	5 1	4 24	28 33	17 27	5 57
M11	20 37	7 18	2 15	11 47	2 55	21 41	0 58	16 38	1 9	21 2	0 43	6 47	2 5	8 24	0 37	15 10	0 25	7 35	17 8	5 0	4 26	28 33	17 26	5 57
T 12	20 25	13 19	3 16	11 31	3 8	21 27	1 0	16 49	1 8	21 4	0 43	6 45	2 5	8 25	0 37	15 9	0 25	7 35	17 9	5 0	4 27	28 33	17 26	5 57
W13	20 13	18 52	4 7	11 17	3 21	21 14	1 1	17 1	1 7	21 6	0 43	6 43	2 5	8 25	0 37	15 9	0 25	7 35	17 9	5 0	4 28	28 33	17 25	5 57
T 14	20 1	23 32	4 44	11 4	3 33	20 59	1 3	17 12	1 7	21 7	0 43	6 40	2 5	8 25	0 37	15 8	0 25	7 36	17 9	5 1	4 29	28 33	17 25	5 58
F 15	19 49	26 53	5 5	10 54	3 45	20 44	1 5	17 23	1 6	21 9	0 43	6 38	2 4	8 25	0 37	15 7	0 25	7 36	17 10	5 3	4 31	28 33	17 24	5 58
S 16	19 36	28 27	5 6	10 46	3 56	20 28	1 6	17 33	1 5	21 11	0 43	6 35	2 4	8 25	0 37	15 7	0 25	7 36	17 10	5 5	4 32	28 33	17 24	5 58
S 17	19 22	27 58	4 46	10 40	4 7	20 12	1 8	17 44	1 5	21 12	0 43	6 33	2 4	8 25	0 37	15 6	0 25	7 37	17 10	5 7	4 33	28 33	17 23	5 58
M18	19 9	25 25	4 7	10 36	4 17	19 55	1 9	17 54	1 4	21 14	0 43	6 31	2 4	8 25	0 37	15 5	0 25	7 37	17 11	5 10	4 34	28 33	17 22	5 59
T 19	18 55	21 8	3 11	10 35	4 26	19 38	1 10	18 5	1 3	21 15	0 43	6 28	2 4	8 25	0 37	15 5	0 25	7 37	17 11	5 12	4 36	28 33	17 22	5 59
W20	18 40	15 37	2 2	10 36	4 34	19 20	1 12	18 15	1 3	21 17	0 43	6 26	2 4	8 25	0 37	15 4	0 25	7 38	17 11	5 13	4 37	28 33	17 21	5 59
T 21	18 26	9 22	0 48	10 40	4 40	19 2	1 13	18 25	1 2	21 18	0 43	6 23	2 4	8 25	0 37	15 3	0 25	7 38	17 12	5 14	4 38	28 33	17 21	6 0
F 22	18 11	2 50	0n27	10 46	4 45	18 43	1 14	18 34	1 1	21 20	0 43	6 21	2 4	8 25	0 37	15 3	0 25	7 39	17 12	5 14	4 39	28 33	17 20	6 0
S 23	17 56	3n36	1 39	10 55	4 49	18 23	1 15	18 44	1 0	21 21	0 43	6 18	2 4	8 25	0 37	15 2	0 25	7 39	17 13	5 14	4 41	28 33	17 20	6 0
S 24	17 40	9 41	2 43	11 7	4 51	18 3	1 16	18 53	1 0	21 23	0 43	6 15	2 4	8 24	0 37	15 1	0 25	7 39	17 13	5 13	4 42	28 32	17 19	6 1
M25	17 25	15 13	3 37	11 20	4 51	17 42	1 17	19 3	0 59	21 24	0 43	6 13	2 3	8 24	0 37	15 1	0 25	7 40	17 13	5 13	4 43	28 32	17 18	6 1
T 26	17 9	19 59	4 20	11 36	4 49	17 21	1 18	19 12	0 58	21 26	0 43	6 10	2 3	8 24	0 37	15 0	0 25	7 40	17 14	5 12	4 44	28 32	17 18	6 1
W27	16 52	23 51	4 50	11 53	4 46	17 0	1 19	19 21	0 57	21 27	0 43	6 8	2 3	8 24	0 37	14 59	0 25	7 41	17 14	5 13	4 46	28 32	17 17	6 2
T 28	16 36	26 38	5 8	12 12	4 40	16 38	1 20	19 29	0 56	21 28	0 43	6 5	2 3	8 24	0 37	14 58	0 25	7 41	17 14	5 14	4 47	28 32	17 16	6 2
F 29	16 19	28 14	5 11	12 33	4 33	16 15	1 21	19 38	0 56	21 30	0 43	6 2	2 3	8 24	0 37	14 58	0 25	7 41	17 14	5 15	4 48	28 32	17 16	6 2
S 30	16 2	28 31	5 2	12 54	4 24	15 52	1 22	19 46	0 55	21 31	0 43	6 0	2 3	8 23	0 37	14 57	0 25	7 42	17 15	5 17	4 49	28 31	17 15	6 3
S 31	15n44	27n30	4n40	13n16	4s14	15n29	1n22	19n55	0s54	21n32	0s43	5n57	2n 3	8n23	0s37	14n56	0n25	7s42	17s15	5s19	4s51	28n31	17n14	6s 3

Julian Day Number = 2304543.5, Delta T = 92.18 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'24, Lahiri = 18°14'24 Julian Calendar 1 July 1597 == Greg. Calendar 11 July 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

AUGUST 1597 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 17 32	18♌ 4'35	24♋59	10°R59	23♌19	3♊34	11♊52	19♍52	22°R59	20♌59	21°R14	16°R29	17♓43	0♋12	7♋33	M 1
T 2	21 21 28	19° 2'18	7♌ 5	10♌24	24°34	4°11	12° 1	19°59	22♈59	21° 1	21♈13	16♓25	17°40	0°19	7°38	T 2
W 3	21 25 25	20° 0'03	19°21	9°55	25°48	4°49	12°10	20° 6	22°58	21° 4	21°13	16°21	17°37	0°26	7°43	W 3
T 4	21 29 21	20°57'49	1♍47	9°31	27° 2	5°26	12°19	20°13	22°57	21° 6	21°12	16°19	17°34	0°33	7°48	T 4
F 5	21 33 18	21°55'36	14°24	9°14	28°16	6° 4	12°28	20°19	22°56	21° 8	21°12	16°D18	17°31	0°39	7°53	F 5
S 6	21 37 15	22°53'25	27°13	9° 5	29°31	6°41	12°36	20°26	22°56	21°10	21°11	16°19	17°27	0°46	7°58	S 6
S 7	21 41 11	23°51'15	10♎15	9°D 2	0♍45	7°18	12°45	20°33	22°55	21°12	21°11	16°20	17°24	0°53	8° 3	S 7
M 8	21 45 8	24°49'06	23°32	9° 8	1°59	7°55	12°53	20°40	22°54	21°15	21°10	16°21	17°21	0°59	8° 8	M 8
T 9	21 49 4	25°46'58	7♏ 3	9°21	3°13	8°31	13° 1	20°47	22°53	21°17	21°10	16°23	17°18	1° 6	8°13	T 9
W10	21 53 1	26°44'52	20°50	9°42	4°28	9° 8	13° 9	20°54	22°52	21°19	21° 9	16°R23	17°15	1°13	8°18	W10
T 11	21 56 57	27°42'47	4♐53	10°11	5°42	9°44	13°17	21° 1	22°51	21°21	21° 9	16°23	17°11	1°20	8°23	T 11
F 12	22 0 54	28°40'43	19°11	10°48	6°56	10°20	13°25	21° 8	22°50	21°24	21° 8	16°22	17° 8	1°26	8°27	F 12
S 13	22 4 50	29°38'41	3♑40	11°33	8°11	10°56	13°32	21°15	22°49	21°26	21° 7	16°21	17° 5	1°33	8°32	S 13
S 14	22 8 47	0♒36'40	18°17	12°25	9°25	11°32	13°40	21°22	22°47	21°28	21° 7	16°19	17° 2	1°40	8°37	S 14
M15	22 12 44	1°34'40	2♓55	13°25	10°39	12° 7	13°47	21°30	22°46	21°30	21° 6	16°17	16°59	1°46	8°41	M15
T 16	22 16 40	2°32'42	17°30	14°31	11°54	12°43	13°54	21°37	22°45	21°32	21° 5	16°16	16°56	1°53	8°46	T 16
W17	22 20 37	3°30'45	1♈54	15°43	13° 8	13°18	14° 1	21°44	22°43	21°35	21° 5	16°15	16°52	2° 0	8°50	W17
T 18	22 24 33	4°28'50	16° 1	17° 2	14°22	13°53	14° 8	21°51	22°42	21°37	21° 4	16°D14	16°49	2° 7	8°55	T 18
F 19	22 28 30	5°26'57	29°49	18°26	15°37	14°28	14°15	21°58	22°41	21°39	21° 3	16°15	16°46	2°13	8°59	F 19
S 20	22 32 26	6°25'05	13♉14	19°56	16°51	15° 3	14°22	22° 6	22°39	21°41	21° 2	16°15	16°43	2°20	9° 3	S 20
S 21	22 36 23	7°23'16	26°16	21°29	18° 5	15°37	14°28	22°13	22°38	21°43	21° 2	16°16	16°40	2°27	9° 7	S 21
M22	22 40 19	8°21'28	8♉58	23° 7	19°20	16°11	14°34	22°20	22°36	21°45	21° 1	16°17	16°37	2°33	9°11	M22
T 23	22 44 16	9°19'43	21°21	24°48	20°34	16°45	14°41	22°28	22°35	21°48	21° 0	16°17	16°33	2°40	9°16	T 23
W24	22 48 13	10°17'59	3♊30	26°33	21°48	17°19	14°47	22°35	22°33	21°50	20°59	16°18	16°30	2°47	9°20	W24
T 25	22 52 9	11°16'18	15°29	28°19	23° 3	17°53	14°52	22°42	22°31	21°52	20°58	16°R18	16°27	2°54	9°23	T 25
F 26	22 56 6	12°14'39	27°23	0♍ 8	24°17	18°26	14°58	22°50	22°30	21°54	20°58	16°18	16°24	3° 0	9°27	F 26
S 27	23 0 2	13°13'02	9♋16	1°59	25°32	19° 0	15° 4	22°57	22°28	21°56	20°57	16°17	16°21	3° 7	9°31	S 27
S 28	23 3 59	14°11'27	21°12	3°50	26°46	19°33	15° 9	23° 4	22°26	21°58	20°56	16°17	16°17	3°14	9°35	S 28
M29	23 7 55	15° 9'54	3♌15	5°43	28° 0	20° 5	15°14	23°12	22°25	22° 0	20°55	16°17	16°14	3°20	9°39	M29
T 30	23 11 52	16° 8'23	15°29	7°35	29°15	20°38	15°19	23°19	22°23	22° 2	20°54	16°D17	16°11	3°27	9°42	T 30
W31	23 15 48	17♍ 6'54	27♌56	9♍29	0♎29	21♊10	15♊24	23♍27	22♈21	22♌ 4	20♈53	16♓17	16♓ 8	3♋34	9♋46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n27	25n12	4n 5	13n39	4s 1	15n 5	1n23	20n 3	0s53	21n33	0s43	5n54	2n 3	8n23	0s37	14n56	0n25	7s43	17s15	5s21	4s52	28n31	17n14	6s 4
T 2	15 9	21 44	3 18	14 1	3 48	14 41	1 24	20 11	0 52	21 34	0 43	5 52	2 3	8 23	0 37	14 55	0 25	7 43	17 16	5 22	4 53	28 31	17 13	6 4
W 3	14 51	17 18	2 22	14 23	3 33	14 16	1 24	20 18	0 51	21 36	0 43	5 49	2 3	8 22	0 37	14 54	0 25	7 44	17 16	5 24	4 54	28 31	17 12	6 4
T 4	14 32	12 6	1 19	14 44	3 17	13 51	1 24	20 26	0 50	21 37	0 43	5 46	2 3	8 22	0 37	14 54	0 25	7 44	17 16	5 25	4 56	28 30	17 12	6 5
F 5	14 14	6 19	0 10	15 5	3 1	13 26	1 25	20 33	0 49	21 38	0 43	5 43	2 3	8 22	0 37	14 53	0 25	7 45	17 17	5 25	4 57	28 30	17 11	6 5
S 6	13 55	0 12	1s 0	15 24	2 43	13 0	1 25	20 41	0 49	21 39	0 43	5 41	2 3	8 22	0 37	14 52	0 25	7 45	17 17	5 25	4 58	28 30	17 10	6 6
S 7	13 36	6s 2	2 8	15 42	2 26	12 34	1 25	20 48	0 48	21 40	0 43	5 38	2 3	8 21	0 37	14 51	0 25	7 46	17 17	5 24	4 59	28 30	17 10	6 6
M 8	13 17	12 6	3 11	15 58	2 8	12 7	1 25	20 55	0 47	21 41	0 43	5 35	2 3	8 21	0 37	14 51	0 25	7 46	17 18	5 24	5 1	28 29	17 9	6 6
T 9	12 57	17 44	4 4	16 11	1 50	11 41	1 26	21 1	0 46	21 42	0 43	5 32	2 3	8 20	0 37	14 50	0 25	7 46	17 18	5 23	5 2	28 29	17 8	6 7
W10	12 38	22 34	4 45	16 23	1 32	11 13	1 26	21 8	0 45	21 43	0 43	5 29	2 2	8 20	0 37	14 49	0 25	7 47	17 18	5 23	5 3	28 29	17 7	6 7
T 11	12 18	26 13	5 9	16 32	1 14	10 46	1 26	21 14	0 44	21 44	0 43	5 27	2 2	8 20	0 37	14 49	0 25	7 47	17 18	5 23	5 4	28 29	17 7	6 8
F 12	11 58	28 17	5 15	16 39	0 57	10 18	1 25	21 21	0 43	21 45	0 43	5 24	2 2	8 19	0 37	14 48	0 25	7 48	17 19	5 23	5 5	28 28	17 6	6 8
S 13	11 37	28 28	5 1	16 43	0 40	9 50	1 25	21 27	0 42	21 46	0 43	5 21	2 2	8 19	0 37	14 47	0 25	7 48	17 19	5 24	5 7	28 28	17 5	6 9
S 14	11 17	26 40	4 28	16 44	0 24	9 22	1 25	21 33	0 41	21 47	0 43	5 18	2 2	8 18	0 37	14 47	0 25	7 49	17 19	5 25	5 8	28 28	17 4	6 9
M15	10 56	23 4	3 37	16 42	0 8	8 54	1 25	21 38	0 40	21 48	0 43	5 15	2 2	8 18	0 37	14 46	0 25	7 49	17 20	5 25	5 9	28 27	17 4	6 10
T 16	10 35	18 2	2 32	16 37	0n 6	8 25	1 24	21 44	0 39	21 48	0 43	5 12	2 2	8 17	0 37	14 45	0 25	7 50	17 20	5 26	5 10	28 27	17 3	6 10
W17	10 14	12 3	1 18	16 29	0 20	7 56	1 24	21 50	0 38	21 49	0 43	5 9	2 2	8 17	0 37	14 44	0 25	7 50	17 20	5 26	5 12	28 27	17 2	6 11
T 18	9 53	5 33	0 1	16 17	0 33	7 27	1 24	21 55	0 37	21 50	0 43	5 7	2 2	8 16	0 37	14 44	0 25	7 51	17 20	5 27	5 13	28 26	17 1	6 11
F 19	9 32	1n 4	1n14	16 3	0 45	6 58	1 23	22 0	0 35	21 51	0 43	5 4	2 2	8 16	0 37	14 43	0 25	7 51	17 21	5 26	5 14	28 26	17 1	6 12
S 20	9 11	7 26	2 24	15 45	0 56	6 28	1 22	22 5	0 34	21 51	0 43	5 1	2 2	8 15	0 37	14 42	0 25	7 52	17 21	5 26	5 15	28 26	17 0	6 12
S 21	8 49	13 20	3 24	15 24	1 6	5 58	1 22	22 10	0 33	21 52	0 43	4 58	2 2	8 15	0 37	14 42	0 25	7 52	17 21	5 26	5 17	28 25	16 59	6 13
M22	8 27	18 30	4 12	15 1	1 14	5 28	1 21	22 15	0 32	21 53	0 43	4 55	2 2	8 14	0 37	14 41	0 25	7 53	17 21	5 25	5 18	28 25	16 58	6 13
T 23	8 5	22 45	4 47	14 34	1 22	4 58	1 20	22 19	0 31	21 54	0 43	4 52	2 2	8 13	0 38	14 40	0 25	7 53	17 22	5 25	5 19	28 25	16 57	6 14
W24	7 43	25 57	5 9	14 5	1 29	4 28	1 19	22 24	0 30	21 54	0 44	4 49	2 2	8 13	0 38	14 40	0 25	7 54	17 22	5 25	5 20	28 24	16 57	6 14
T 25	7 21	27 57	5 17	13 33	1 34	3 58	1 18	22 28	0 29	21 55	0 44	4 46	2 2	8 12	0 38	14 39	0 25	7 54	17 22	5 25	5 22	28 24	16 56	6 15
F 26	6 59	28 39	5 11	13 0	1 39	3 27	1 17	22 32	0 27	21 55	0 44	4 43	2 2	8 12	0 38	14 38	0 25	7 55	17 22	5 25	5 23	28 23	16 55	6 15
S 27	6 37	28 1	4 52	12 24	1 43	2 57	1 16	22 36	0 26	21 56	0 44	4 40	2 2	8 11	0 38	14 38	0 25	7 55	17 23	5 25	5 24	28 23	16 54	6 16
S 28	6 14	26 6	4 20	11 46	1 46	2 26	1 15	22 40	0 25	21 57	0 44	4 38	2 2	8 10	0 38	14 37	0 25	7 56	17 23	5 25	5 25	28 23	16 53	6 16
M29	5 52	22 59	3 37	11 6	1 48	1 55	1 14	22 44	0 24	21 57	0 44	4 35	2 2	8 10	0 38	14 36	0 25	7 56	17 23	5 25	5 27	28 22	16 53	6 17
T 30	5 29	18 49	2 43	10 25	1 49	1 25	1 13	22 47	0 23	21 58	0 44	4 32	2 2	8 9	0 38	14 36	0 25	7 57	17 23	5 26	5 28	28 22	16 52	6 18
W31	5n 6	13n47	1n40	9n43	1n49	0n54	1n11	22n51	0s21	21n58	0s44	4n29	2n 2	8n 8	0s38	14n35	0n25	7s57	17s23	5s26	5s29	28n21	16n51	6s18

Julian Day Number = 2304574.5, Delta T = 92.06 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'28, Lahiri = 18°14'28 Julian Calendar 1 Aug. 1597 == Greg. Calendar 11 Aug. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

SEPTEMBER 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 19 45	18♍ 5'27	10♍37	11♍22	1♎44	21♊42	15♊28	23♍34	22°R19	22♌ 6	20°R52	16°R17	16♓ 5	3♋41	9♋49	T 1
F 2	23 23 42	19° 4'02	23°34	13°15	2°58	22°14	15°33	23°42	22♈17	22° 9	20♈51	16♓17	16° 2	3°47	9°53	F 2
S 3	23 27 38	20° 2'39	6♎46	15° 8	4°12	22°46	15°37	23°49	22°15	22°11	20°50	16°17	15°58	3°54	9°56	S 3
S 4	23 31 35	21° 1'18	20°12	17° 0	5°27	23°17	15°41	23°56	22°13	22°13	20°49	16°16	15°55	4° 1	9°59	S 4
M 5	23 35 31	21°59'59	3♏52	18°52	6°41	23°48	15°45	24° 4	22°11	22°15	20°48	16°16	15°52	4° 8	10° 2	M 5
T 6	23 39 28	22°58'41	17°43	20°42	7°56	24°19	15°49	24°11	22° 9	22°17	20°47	16°15	15°49	4°14	10° 6	T 6
W 7	23 43 24	23°57'26	1♐43	22°33	9°10	24°49	15°52	24°19	22° 7	22°18	20°46	16°14	15°46	4°21	10° 9	W 7
T 8	23 47 21	24°56'12	15°50	24°22	10°25	25°19	15°56	24°26	22° 5	22°20	20°45	16°14	15°42	4°28	10°12	T 8
F 9	23 51 17	25°55'00	0♑ 1	26°11	11°39	25°49	15°59	24°34	22° 3	22°22	20°44	16°D14	15°39	4°34	10°14	F 9
S 10	23 55 14	26°53'49	14°16	27°58	12°53	26°19	16° 2	24°41	22° 1	22°24	20°43	16°14	15°36	4°41	10°17	S 10
S 11	23 59 11	27°52'40	28°30	29°45	14° 8	26°48	16° 5	24°49	21°59	22°26	20°42	16°15	15°33	4°48	10°20	S 11
M12	0 3 7	28°51'33	12♒42	1♎31	15°22	27°17	16° 7	24°56	21°57	22°28	20°41	16°16	15°30	4°55	10°23	M12
T 13	0 7 4	29°50'28	26°48	3°16	16°37	27°46	16°10	25° 3	21°54	22°30	20°40	16°17	15°27	5° 1	10°25	T 13
W14	0 11 0	0♎49'24	10♓45	5° 0	17°51	28°14	16°12	25°11	21°52	22°32	20°39	16°R17	15°23	5° 8	10°28	W14
T 15	0 14 57	1°48'23	24°31	6°44	19° 5	28°42	16°14	25°18	21°50	22°34	20°38	16°17	15°20	5°15	10°30	T 15
F 16	0 18 53	2°47'23	8♈ 1	8°26	20°20	29°10	16°16	25°26	21°48	22°35	20°37	16°16	15°17	5°21	10°32	F 16
S 17	0 22 50	3°46'26	21°15	10° 7	21°34	29°38	16°18	25°33	21°45	22°37	20°36	16°15	15°14	5°28	10°35	S 17
S 18	0 26 46	4°45'30	4♉11	11°48	22°49	0♋ 5	16°19	25°41	21°43	22°39	20°35	16°12	15°11	5°35	10°37	S 18
M19	0 30 43	5°44'37	16°50	13°28	24° 3	0°32	16°20	25°48	21°41	22°41	20°34	16° 9	15° 8	5°42	10°39	M19
T 20	0 34 40	6°43'46	29°13	15° 7	25°17	0°58	16°21	25°55	21°38	22°42	20°33	16° 6	15° 4	5°48	10°41	T 20
W21	0 38 36	7°42'58	11♊23	16°45	26°32	1°24	16°22	26° 3	21°36	22°44	20°32	16° 3	15° 1	5°55	10°43	W21
T 22	0 42 33	8°42'12	23°22	18°22	27°46	1°50	16°23	26°10	21°34	22°46	20°31	16° 1	14°58	6° 2	10°45	T 22
F 23	0 46 29	9°41'28	5♋16	19°59	29° 0	2°16	16°23	26°17	21°31	22°47	20°29	16°D 0	14°55	6° 8	10°46	F 23
S 24	0 50 26	10°40'46	17° 8	21°35	0♏15	2°41	16°24	26°25	21°29	22°49	20°28	16° 1	14°52	6°15	10°48	S 24
S 25	0 54 22	11°40'07	29° 4	23°10	1°29	3° 5	16°R24	26°32	21°26	22°51	20°27	16° 2	14°48	6°22	10°50	S 25
M26	0 58 19	12°39'30	11♌ 8	24°44	2°44	3°30	16°24	26°39	21°24	22°52	20°26	16° 3	14°45	6°29	10°51	M26
T 27	1 2 15	13°38'55	23°25	26°18	3°58	3°53	16°23	26°46	21°22	22°54	20°25	16° 5	14°42	6°35	10°52	T 27
W28	1 6 12	14°38'23	5♍58	27°51	5°12	4°17	16°23	26°54	21°19	22°55	20°24	16° 6	14°39	6°42	10°54	W28
T 29	1 10 8	15°37'53	18°51	29°24	6°27	4°40	16°22	27° 1	21°17	22°57	20°23	16°R 7	14°36	6°49	10°55	T 29
F 30	1 14 5	16♎37'25	2♎ 5	0♏55	7♏41	5♋ 2	16♊21	27♍ 8	21♈14	22♌58	20♈21	16♓ 6	14♓33	6♋55	10♋56	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n43	8n 5	0n31	9n 0	1n49	0n23	1n10	22n54	0s20	21n59	0s44	4n26	2n 2	8n 8	0s38	14n34	0n25	7s58	17s24	5s25	5s30	28n21	16n50	6s19
F 2	4 20	1 57	0s40	8 15	1 48	0s 8	1 9	22 57	0 19	21 59	0 44	4 23	2 2	8 7	0 38	14 34	0 25	7 59	17 24	5 25	5 31	28 20	16 49	6 19
S 3	3 57	4s24	1 51	7 30	1 46	0 39	1 7	23 0	0 18	21 59	0 44	4 20	2 2	8 6	0 38	14 33	0 25	7 59	17 24	5 26	5 33	28 20	16 48	6 20
S 4	3 34	10 39	2 57	6 45	1 44	1 10	1 6	23 3	0 16	22 0	0 44	4 17	2 2	8 5	0 38	14 32	0 25	8 0	17 24	5 26	5 34	28 19	16 48	6 20
M 5	3 11	16 30	3 54	5 58	1 41	1 41	1 4	23 6	0 15	22 0	0 44	4 14	2 2	8 5	0 38	14 32	0 25	8 0	17 24	5 26	5 35	28 19	16 47	6 21
T 6	2 48	21 36	4 38	5 12	1 38	2 12	1 2	23 9	0 14	22 1	0 44	4 11	2 2	8 4	0 38	14 31	0 25	8 1	17 24	5 26	5 36	28 18	16 46	6 22
W 7	2 24	25 33	5 6	4 25	1 35	2 43	1 1	23 11	0 12	22 1	0 44	4 8	2 2	8 3	0 38	14 31	0 25	8 1	17 25	5 27	5 38	28 18	16 45	6 22
T 8	2 1	27 59	5 16	3 38	1 30	3 14	0 59	23 14	0 11	22 1	0 44	4 5	2 2	8 2	0 38	14 30	0 25	8 2	17 25	5 27	5 39	28 17	16 44	6 23
F 9	1 38	28 37	5 7	2 50	1 26	3 45	0 57	23 16	0 9	22 1	0 44	4 2	2 3	8 1	0 38	14 29	0 25	8 2	17 25	5 27	5 40	28 17	16 44	6 23
S 10	1 14	27 22	4 39	2 3	1 21	4 15	0 55	23 19	0 8	22 2	0 44	3 59	2 3	8 1	0 38	14 29	0 25	8 3	17 25	5 27	5 41	28 16	16 43	6 24
S 11	0 51	24 20	3 54	1 16	1 16	4 46	0 53	23 21	0 6	22 2	0 44	3 57	2 3	8 0	0 38	14 28	0 26	8 3	17 25	5 26	5 43	28 16	16 42	6 25
M12	0 27	19 50	2 55	0 29	1 11	5 17	0 51	23 23	0 5	22 2	0 44	3 54	2 3	7 59	0 38	14 27	0 26	8 4	17 25	5 26	5 44	28 15	16 41	6 25
T 13	0 4	14 16	1 46	0s18	1 5	5 47	0 49	23 25	0 4	22 2	0 44	3 51	2 3	7 58	0 38	14 27	0 26	8 4	17 25	5 26	5 45	28 15	16 40	6 26
W14	0s20	8 1	0 31	1 5	1 0	6 17	0 47	23 27	0 2	22 3	0 44	3 48	2 3	7 57	0 38	14 26	0 26	8 5	17 26	5 25	5 46	28 14	16 39	6 27
T 15	0 43	1 30	0n45	1 51	0 54	6 48	0 45	23 29	0 1	22 3	0 44	3 45	2 3	7 56	0 38	14 26	0 26	8 5	17 26	5 25	5 47	28 14	16 39	6 27
F 16	1 7	4n59	1 57	2 37	0 47	7 18	0 43	23 30	0n 1	22 3	0 44	3 42	2 3	7 56	0 38	14 25	0 26	8 6	17 26	5 26	5 49	28 13	16 38	6 28
S 17	1 30	11 6	3 1	3 23	0 41	7 48	0 41	23 32	0 3	22 3	0 44	3 39	2 3	7 55	0 38	14 25	0 26	8 6	17 26	5 26	5 50	28 12	16 37	6 28
S 18	1 54	16 37	3 54	4 9	0 35	8 17	0 39	23 34	0 4	22 3	0 44	3 36	2 3	7 54	0 38	14 24	0 26	8 6	17 26	5 27	5 51	28 12	16 36	6 29
M19	2 17	21 17	4 34	4 54	0 28	8 47	0 36	23 35	0 6	22 3	0 44	3 33	2 3	7 53	0 38	14 23	0 26	8 7	17 26	5 29	5 52	28 11	16 35	6 30
T 20	2 41	24 55	5 1	5 38	0 21	9 16	0 34	23 37	0 7	22 3	0 44	3 30	2 3	7 52	0 38	14 23	0 26	8 7	17 26	5 30	5 54	28 11	16 35	6 30
W21	3 4	27 22	5 13	6 22	0 15	9 46	0 32	23 38	0 9	22 4	0 44	3 28	2 3	7 51	0 38	14 22	0 26	8 8	17 26	5 31	5 55	28 10	16 34	6 31
T 22	3 27	28 31	5 12	7 6	0 8	10 15	0 29	23 40	0 11	22 4	0 44	3 25	2 3	7 50	0 38	14 22	0 26	8 8	17 26	5 32	5 56	28 9	16 33	6 32
F 23	3 51	28 20	4 57	7 49	0 1	10 43	0 27	23 41	0 12	22 4	0 44	3 22	2 3	7 50	0 38	14 21	0 26	8 9	17 26	5 32	5 57	28 9	16 32	6 32
S 24	4 14	26 51	4 29	8 32	0s 6	11 12	0 25	23 42	0 14	22 4	0 44	3 19	2 3	7 49	0 38	14 21	0 26	8 9	17 26	5 32	5 59	28 8	16 31	6 33
S 25	4 37	24 8	3 50	9 13	0 13	11 40	0 22	23 43	0 16	22 4	0 44	3 16	2 4	7 48	0 38	14 20	0 26	8 10	17 26	5 31	6 0	28 7	16 31	6 34
M26	5 1	20 21	3 0	9 55	0 20	12 8	0 20	23 44	0 17	22 4	0 44	3 13	2 4	7 47	0 38	14 20	0 26	8 10	17 27	5 31	6 1	28 7	16 30	6 34
T 27	5 24	15 39	2 1	10 36	0 27	12 36	0 17	23 45	0 19	22 4	0 44	3 11	2 4	7 46	0 38	14 19	0 26	8 11	17 27	5 30	6 2	28 6	16 29	6 35
W28	5 47	10 12	0 55	11 16	0 34	13 3	0 15	23 46	0 21	22 3	0 45	3 8	2 4	7 45	0 38	14 19	0 26	8 11	17 27	5 30	6 3	28 5	16 28	6 36
T 29	6 10	4 11	0s15	11 55	0 41	13 30	0 12	23 48	0 23	22 3	0 45	3 5	2 4	7 44	0 38	14 18	0 26	8 12	17 27	5 30	6 5	28 5	16 28	6 36
F 30	6s33	2s 9	1s26	12s34	0s48	13s57	0n10	23n49	0n25	22n 3	0s45	3n 2	2n 4	7n43	0s38	14n18	0n26	8s12	17s27	5s30	6s 6	28n 4	16n27	6s37

Julian Day Number = 2304605.5, Delta T = 91.94 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'32, Lahiri = 18°14'33 Julian Calendar 1 Sept. 1597 == Greg. Calendar 11 Sept. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

OCTOBER 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 18 2	17♎36'59	15♎40	2♏26	8♏55	5♋25	16°R20	27♍15	21°R12	23♌ 0	20°R20	16°R 3	14♓29	7♋ 2	10♋57	S 1
S 2	1 21 58	18°36'35	29°33	3°57	10°10	5°46	16♊18	27°22	21♈ 9	23° 1	20♈19	15♓59	14°26	7° 9	10°58	S 2
M 3	1 25 55	19°36'13	13♏41	5°26	11°24	6° 7	16°17	27°29	21° 7	23° 3	20°18	15°54	14°23	7°15	10°59	M 3
T 4	1 29 51	20°35'53	28° 0	6°55	12°38	6°28	16°15	27°37	21° 5	23° 4	20°17	15°49	14°20	7°22	11° 0	T 4
W 5	1 33 48	21°35'35	12♐23	8°24	13°53	6°48	16°13	27°44	21° 2	23° 5	20°16	15°43	14°17	7°29	11° 0	W 5
T 6	1 37 44	22°35'19	26°46	9°51	15° 7	7° 8	16°11	27°51	21° 0	23° 7	20°15	15°40	14°14	7°36	11° 1	T 6
F 7	1 41 41	23°35'05	11♑ 5	11°18	16°21	7°28	16° 9	27°58	20°57	23° 8	20°13	15°37	14°10	7°42	11° 1	F 7
S 8	1 45 37	24°34'52	25°16	12°45	17°36	7°46	16° 6	28° 5	20°55	23° 9	20°12	15°D37	14° 7	7°49	11° 2	S 8
S 9	1 49 34	25°34'41	9♒18	14°10	18°50	8° 5	16° 3	28°11	20°52	23°11	20°11	15°37	14° 4	7°56	11° 2	S 9
M10	1 53 31	26°34'32	23° 9	15°35	20° 4	8°22	16° 0	28°18	20°50	23°12	20°10	15°39	14° 1	8° 2	11° 2	M10
T 11	1 57 27	27°34'24	6♓50	16°59	21°19	8°40	15°57	28°25	20°47	23°13	20° 9	15°40	13°58	8° 9	11° 2	T 11
W12	2 1 24	28°34'18	20°20	18°22	22°33	8°56	15°54	28°32	20°45	23°14	20° 8	15°R40	13°54	8°16	11°R 2	W12
T 13	2 5 20	29°34'13	3♈40	19°44	23°47	9°12	15°50	28°39	20°43	23°15	20° 7	15°38	13°51	8°23	11° 2	T 13
F 14	2 9 17	0♏34'10	16°48	21° 6	25° 2	9°28	15°47	28°46	20°40	23°16	20° 6	15°35	13°48	8°29	11° 2	F 14
S 15	2 13 13	1°34'10	29°43	22°26	26°16	9°43	15°43	28°52	20°38	23°18	20° 4	15°29	13°45	8°36	11° 2	S 15
S 16	2 17 10	2°34'11	12♉26	23°45	27°30	9°57	15°39	28°59	20°35	23°19	20° 3	15°21	13°42	8°43	11° 2	S 16
M17	2 21 6	3°34'14	24°57	25° 3	28°44	10°11	15°35	29° 5	20°33	23°20	20° 2	15°12	13°39	8°49	11° 1	M17
T 18	2 25 3	4°34'19	7♊14	26°20	29°58	10°24	15°30	29°12	20°31	23°21	20° 1	15° 3	13°35	8°56	11° 1	T 18
W19	2 29 0	5°34'26	19°21	27°35	1♗13	10°37	15°25	29°19	20°28	23°21	20° 0	14°54	13°32	9° 3	11° 0	W19
T 20	2 32 56	6°34'36	1♋19	28°49	2°27	10°49	15°21	29°25	20°26	23°22	19°59	14°46	13°29	9°10	10°59	T 20
F 21	2 36 53	7°34'47	13°11	0♗ 1	3°41	11° 0	15°16	29°31	20°24	23°23	19°58	14°41	13°26	9°16	10°59	F 21
S 22	2 40 49	8°35'00	25° 1	1°11	4°55	11°10	15°11	29°38	20°21	23°24	19°57	14°37	13°23	9°23	10°58	S 22
S 23	2 44 46	9°35'16	6♌54	2°19	6°10	11°20	15° 5	29°44	20°19	23°25	19°56	14°D36	13°20	9°30	10°57	S 23
M24	2 48 42	10°35'33	18°56	3°24	7°24	11°29	15° 0	29°50	20°17	23°26	19°55	14°36	13°16	9°36	10°56	M24
T 25	2 52 39	11°35'52	1♍10	4°27	8°38	11°38	14°54	29°57	20°15	23°27	19°54	14°37	13°13	9°43	10°54	T 25
W26	2 56 35	12°36'14	13°44	5°26	9°52	11°46	14°48	0♎ 3	20°12	23°27	19°52	14°R38	13°10	9°50	10°53	W26
T 27	3 0 32	13°36'37	26°39	6°22	11° 6	11°53	14°42	0° 9	20°10	23°28	19°51	14°37	13° 7	9°57	10°52	T 27
F 28	3 4 29	14°37'02	10♎ 1	7°14	12°20	11°59	14°36	0°15	20° 8	23°29	19°50	14°34	13° 4	10° 3	10°50	F 28
S 29	3 8 25	15°37'29	23°49	8° 2	13°34	12° 4	14°30	0°21	20° 6	23°29	19°49	14°29	13° 0	10°10	10°49	S 29
S 30	3 12 22	16°37'58	8♏ 3	8°45	14°49	12° 9	14°24	0°27	20° 4	23°30	19°48	14°21	12°57	10°17	10°47	S 30
M31	3 16 18	17♏38'28	22♏36	9♗22	16♗ 3	12♋13	14♊17	0♎33	20♈ 2	23♌30	19♈47	14♓12	12♓54	10♋23	10♋46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s56	8s33	2s34	13s12	0s55	14s24	0n 7	23n49	0n27	22n 3	0s45	3n 0	2n 4	7n42	0s38	14n17	0n26	8s12	17s27	5s31	6s 7	28n 3	16n26	6s38
S 2	7 19	14 41	3 35	13 49	1 1	14 50	0 4	23 50	0 28	22 3	0 45	2 57	2 4	7 41	0 38	14 17	0 26	8 13	17 27	5 32	6 8	28 3	16 25	6 38
M 3	7 41	20 10	4 23	14 26	1 8	15 16	0 2	23 51	0 30	22 3	0 45	2 54	2 4	7 40	0 38	14 17	0 26	8 13	17 27	5 34	6 10	28 2	16 25	6 39
T 4	8 4	24 34	4 56	15 2	1 15	15 41	0s 1	23 52	0 32	22 3	0 45	2 51	2 4	7 40	0 38	14 16	0 26	8 14	17 27	5 37	6 11	28 1	16 24	6 40
W 5	8 26	27 27	5 10	15 37	1 21	16 6	0 4	23 53	0 34	22 2	0 45	2 49	2 5	7 39	0 38	14 16	0 26	8 14	17 27	5 38	6 12	28 0	16 23	6 40
T 6	8 49	28 32	5 5	16 11	1 28	16 30	0 6	23 54	0 36	22 2	0 45	2 46	2 5	7 38	0 38	14 15	0 26	8 14	17 27	5 40	6 13	28 0	16 22	6 41
F 7	9 11	27 41	4 41	16 45	1 34	16 55	0 9	23 55	0 38	22 2	0 45	2 43	2 5	7 37	0 38	14 15	0 26	8 15	17 27	5 41	6 15	27 59	16 22	6 42
S 8	9 33	25 3	3 59	17 17	1 40	17 18	0 12	23 56	0 40	22 2	0 45	2 41	2 5	7 36	0 38	14 14	0 26	8 15	17 27	5 41	6 16	27 58	16 21	6 42
S 9	9 55	20 56	3 4	17 49	1 46	17 42	0 14	23 57	0 42	22 1	0 45	2 38	2 5	7 35	0 38	14 14	0 26	8 16	17 26	5 41	6 17	27 57	16 20	6 43
M10	10 16	15 42	1 59	18 20	1 52	18 4	0 17	23 58	0 44	22 1	0 45	2 35	2 5	7 34	0 38	14 14	0 26	8 16	17 26	5 40	6 18	27 57	16 20	6 44
T 11	10 38	9 46	0 48	18 49	1 57	18 27	0 20	23 59	0 47	22 1	0 45	2 33	2 5	7 33	0 38	14 13	0 26	8 16	17 26	5 40	6 19	27 56	16 19	6 44
W12	10 59	3 27	0n25	19 18	2 3	18 49	0 22	24 0	0 49	22 0	0 45	2 30	2 6	7 32	0 38	14 13	0 26	8 17	17 26	5 40	6 21	27 55	16 18	6 45
T 13	11 21	2n55	1 36	19 46	2 8	19 10	0 25	24 1	0 51	22 0	0 45	2 28	2 6	7 31	0 38	14 13	0 26	8 17	17 26	5 40	6 22	27 54	16 18	6 46
F 14	11 42	9 4	2 40	20 13	2 13	19 31	0 28	24 2	0 53	22 0	0 45	2 25	2 6	7 30	0 38	14 12	0 26	8 17	17 26	5 42	6 23	27 53	16 17	6 46
S 15	12 3	14 45	3 35	20 38	2 18	19 51	0 30	24 3	0 55	21 59	0 45	2 23	2 6	7 30	0 38	14 12	0 26	8 18	17 26	5 44	6 24	27 53	16 16	6 47
S 16	12 24	19 42	4 18	21 3	2 22	20 11	0 33	24 5	0 58	21 59	0 45	2 20	2 6	7 29	0 38	14 12	0 26	8 18	17 26	5 47	6 26	27 52	16 16	6 48
M17	12 44	23 41	4 48	21 26	2 26	20 30	0 36	24 6	1 0	21 58	0 45	2 18	2 6	7 28	0 38	14 11	0 26	8 18	17 26	5 51	6 27	27 51	16 15	6 48
T 18	13 4	26 33	5 3	21 48	2 30	20 49	0 38	24 7	1 2	21 58	0 45	2 15	2 6	7 27	0 38	14 11	0 26	8 19	17 26	5 54	6 28	27 50	16 14	6 49
W19	13 25	28 8	5 5	22 9	2 33	21 7	0 41	24 8	1 5	21 57	0 44	2 13	2 7	7 26	0 38	14 11	0 26	8 19	17 26	5 58	6 29	27 49	16 14	6 50
T 20	13 45	28 23	4 54	22 29	2 36	21 25	0 44	24 10	1 7	21 57	0 44	2 10	2 7	7 25	0 38	14 10	0 26	8 19	17 26	6 1	6 30	27 48	16 13	6 50
F 21	14 4	27 19	4 30	22 47	2 39	21 42	0 46	24 11	1 9	21 56	0 44	2 8	2 7	7 24	0 38	14 10	0 26	8 19	17 25	6 3	6 32	27 47	16 13	6 51
S 22	14 24	25 1	3 54	23 4	2 41	21 58	0 49	24 13	1 12	21 56	0 44	2 5	2 7	7 23	0 38	14 10	0 26	8 20	17 25	6 4	6 33	27 47	16 12	6 52
S 23	14 43	21 37	3 8	23 20	2 43	22 14	0 52	24 14	1 14	21 55	0 44	2 3	2 7	7 23	0 38	14 10	0 26	8 20	17 25	6 5	6 34	27 46	16 11	6 52
M24	15 2	17 18	2 13	23 34	2 44	22 29	0 54	24 16	1 17	21 55	0 44	2 1	2 7	7 22	0 38	14 9	0 26	8 20	17 25	6 4	6 35	27 45	16 11	6 53
T 25	15 21	12 12	1 11	23 46	2 44	22 44	0 57	24 18	1 19	21 54	0 44	1 58	2 8	7 21	0 38	14 9	0 27	8 20	17 25	6 4	6 37	27 44	16 10	6 54
W26	15 39	6 29	0 5	23 57	2 44	22 57	0 59	24 20	1 22	21 54	0 44	1 56	2 8	7 20	0 37	14 9	0 27	8 21	17 25	6 4	6 38	27 43	16 10	6 54
T 27	15 58	0 21	1s 4	24 6	2 43	23 11	1 2	24 22	1 24	21 53	0 44	1 54	2 8	7 19	0 37	14 9	0 27	8 21	17 25	6 4	6 39	27 42	16 9	6 55
F 28	16 16	5s59	2 11	24 13	2 41	23 23	1 4	24 24	1 27	21 52	0 44	1 52	2 8	7 19	0 37	14 9	0 27	8 21	17 24	6 5	6 40	27 41	16 9	6 56
S 29	16 33	12 15	3 13	24 19	2 39	23 35	1 7	24 26	1 30	21 52	0 44	1 49	2 8	7 18	0 37	14 8	0 27	8 21	17 24	6 7	6 41	27 40	16 8	6 56
S 30	16 51	18 4	4 5	24 22	2 35	23 46	1 9	24 28	1 32	21 51	0 44	1 47	2 8	7 17	0 37	14 8	0 27	8 22	17 24	6 10	6 43	27 39	16 8	6 57
M31	17s 8	23s 0	4s42	24s23	2s31	23s57	1s11	24n30	1n35	21n50	0s44	1n45	2n 9	7n16	0s37	14n 8	0n27	8s22	17s24	6s14	6s44	27n38	16n 7	6s57

Julian Day Number = 2304635.5, Delta T = 91.83 sec
Ecliptic obliquity = 23°29'39, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'36, Lahiri = 18°14'37 Julian Calendar 1 Oct. 1597 == Greg. Calendar 11 Oct. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

NOVEMBER 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 20 15	18♏39'01	7♐23	9♐54	17♐17	12♋16	14°R11	0♎38	19°R59	23♎31	19°R46	14°R 1	12♓51	10♋30	10°R44	T 1
W 2	3 24 11	19°39'34	22°15	10°18	18°31	12°19	14♊ 4	0°44	19♈57	23°31	19♈45	13♓51	12°48	10°37	10♋42	W 2
T 3	3 28 8	20°40'10	7♑ 3	10°34	19°45	12°20	13°57	0°50	19°55	23°32	19°44	13°43	12°45	10°43	10°40	T 3
F 4	3 32 5	21°40'46	21°39	10°R43	20°59	12°R21	13°50	0°56	19°53	23°32	19°43	13°37	12°41	10°50	10°38	F 4
S 5	3 36 1	22°41'23	6♒ 0	10°42	22°13	12°21	13°43	1° 1	19°51	23°33	19°43	13°34	12°38	10°57	10°36	S 5
S 6	3 39 58	23°42'02	20° 2	10°31	23°27	12°20	13°36	1° 7	19°50	23°33	19°42	13°D33	12°35	11° 4	10°34	S 6
M 7	3 43 54	24°42'42	3♓47	10°10	24°41	12°18	13°28	1°12	19°48	23°33	19°41	13°33	12°32	11°10	10°32	M 7
T 8	3 47 51	25°43'23	17°13	9°38	25°55	12°16	13°21	1°17	19°46	23°34	19°40	13°R33	12°29	11°17	10°29	T 8
W 9	3 51 47	26°44'04	0♈25	8°55	27° 9	12°12	13°13	1°23	19°44	23°34	19°39	13°32	12°26	11°24	10°27	W 9
T 10	3 55 44	27°44'47	13°23	8° 2	28°23	12° 8	13° 6	1°28	19°42	23°34	19°38	13°28	12°22	11°30	10°24	T 10
F 11	3 59 40	28°45'31	26°10	7° 0	29°37	12° 3	12°58	1°33	19°40	23°34	19°37	13°22	12°19	11°37	10°22	F 11
S 12	4 3 37	29°46'17	8♉46	5°49	0♑51	11°57	12°50	1°38	19°39	23°34	19°36	13°12	12°16	11°44	10°19	S 12
S 13	4 7 33	0♐47'03	21°13	4°32	2° 5	11°50	12°42	1°43	19°37	23°35	19°36	13° 0	12°13	11°51	10°16	S 13
M14	4 11 30	1°47'51	3♊30	3°10	3°19	11°42	12°35	1°48	19°35	23°35	19°35	12°46	12°10	11°57	10°14	M14
T 15	4 15 27	2°48'40	15°39	1°48	4°33	11°33	12°27	1°53	19°34	23°35	19°34	12°32	12° 6	12° 4	10°11	T 15
W16	4 19 23	3°49'30	27°40	0°26	5°47	11°24	12°19	1°58	19°32	23°R35	19°33	12°18	12° 3	12°11	10° 8	W16
T 17	4 23 20	4°50'22	9♋35	29♏ 9	7° 0	11°14	12°11	2° 2	19°31	23°35	19°32	12° 6	12° 0	12°17	10° 5	T 17
F 18	4 27 16	5°51'15	21°25	27°59	8°14	11° 3	12° 3	2° 7	19°29	23°35	19°32	11°56	11°57	12°24	10° 2	F 18
S 19	4 31 13	6°52'09	3♌14	26°57	9°28	10°51	11°54	2°11	19°28	23°35	19°31	11°49	11°54	12°31	9°59	S 19
S 20	4 35 9	7°53'04	15° 5	26° 5	10°42	10°38	11°46	2°16	19°26	23°34	19°30	11°45	11°51	12°37	9°55	S 20
M21	4 39 6	8°54'01	27° 3	25°24	11°55	10°24	11°38	2°20	19°25	23°34	19°30	11°44	11°47	12°44	9°52	M21
T 22	4 43 3	9°54'58	9♍14	24°54	13° 9	10°10	11°30	2°24	19°24	23°34	19°29	11°43	11°44	12°51	9°49	T 22
W23	4 46 59	10°55'57	21°42	24°36	14°23	9°55	11°22	2°29	19°22	23°34	19°28	11°43	11°41	12°58	9°45	W23
T 24	4 50 56	11°56'57	4♎33	24°D29	15°36	9°39	11°14	2°33	19°21	23°34	19°28	11°42	11°38	13° 4	9°42	T 24
F 25	4 54 52	12°57'59	17°52	24°32	16°50	9°22	11° 5	2°37	19°20	23°33	19°27	11°39	11°35	13°11	9°38	F 25
S 26	4 58 49	13°59'01	1♏40	24°45	18° 3	9° 5	10°57	2°41	19°19	23°33	19°26	11°33	11°31	13°18	9°35	S 26
S 27	5 2 45	15° 0'05	15°58	25° 7	19°17	8°47	10°49	2°44	19°18	23°33	19°26	11°24	11°28	13°24	9°31	S 27
M28	5 6 42	16° 1'09	0♐42	25°36	20°31	8°28	10°41	2°48	19°17	23°32	19°25	11°13	11°25	13°31	9°28	M28
T 29	5 10 38	17° 2'14	15°46	26°13	21°44	8° 8	10°33	2°52	19°16	23°32	19°25	11° 1	11°22	13°38	9°24	T 29
W30	5 14 35	18♐ 3'21	0♑59	26♏56	22♑58	7♋48	10♊25	2♎55	19♈15	23♎31	19♈24	10♓50	11♓19	13♋45	9♋20	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s25	26s32	5s 1	24s22	2s25	24s 6	1s14	24n33	1n38	21n50	0s44	1n43	2n 9	7n15	0s37	14n 8	0n27	8s22	17s24	6s18	6s45	27n37	16n 7	6s58	T 1
W 2	17 41	28 15	4 59	24 19	2 18	24 15	1 16	24 35	1 40	21 49	0 44	1 41	2 9	7 15	0 37	14 8	0 27	8 22	17 24	6 22	6 46	27 36	16 6	6 59	W 2
T 3	17 58	27 56	4 38	24 13	2 10	24 24	1 18	24 38	1 43	21 48	0 44	1 39	2 9	7 14	0 37	14 8	0 27	8 22	17 23	6 25	6 48	27 35	16 6	6 59	T 3
F 4	18 14	25 41	3 59	24 5	2 0	24 31	1 20	24 41	1 46	21 47	0 44	1 37	2 9	7 13	0 37	14 8	0 27	8 22	17 23	6 27	6 49	27 34	16 6	7 0	F 4
S 5	18 29	21 48	3 5	23 54	1 49	24 38	1 22	24 43	1 49	21 47	0 44	1 35	2 10	7 12	0 37	14 7	0 27	8 23	17 23	6 29	6 50	27 33	16 5	7 0	S 5
S 6	18 44	16 45	2 1	23 40	1 36	24 44	1 25	24 46	1 52	21 46	0 44	1 33	2 10	7 12	0 37	14 7	0 27	8 23	17 23	6 29	6 51	27 32	16 5	7 1	S 6
M 7	18 59	10 57	0 52	23 22	1 22	24 50	1 27	24 49	1 54	21 45	0 44	1 31	2 10	7 11	0 37	14 7	0 27	8 23	17 23	6 29	6 52	27 31	16 4	7 1	M 7
T 8	19 14	4 46	0n19	23 2	1 6	24 54	1 29	24 52	1 57	21 44	0 43	1 29	2 10	7 10	0 37	14 7	0 27	8 23	17 22	6 29	6 54	27 30	16 4	7 2	T 8
W 9	19 28	1n31	1 28	22 38	0 49	24 58	1 31	24 56	2 0	21 43	0 43	1 27	2 10	7 10	0 37	14 7	0 27	8 23	17 22	6 29	6 55	27 29	16 4	7 3	W 9
T 10	19 42	7 37	2 31	22 12	0 30	25 1	1 32	24 59	2 3	21 42	0 43	1 25	2 11	7 9	0 37	14 7	0 27	8 23	17 22	6 31	6 56	27 28	16 3	7 3	T 10
F 11	19 56	13 18	3 25	21 42	0 11	25 4	1 34	25 2	2 6	21 42	0 43	1 23	2 11	7 8	0 37	14 7	0 27	8 23	17 22	6 33	6 57	27 27	16 3	7 4	F 11
S 12	20 9	18 22	4 8	21 10	0n10	25 6	1 36	25 6	2 9	21 41	0 43	1 21	2 11	7 8	0 37	14 7	0 27	8 23	17 21	6 37	6 58	27 26	16 3	7 4	S 12
S 13	20 22	22 35	4 39	20 36	0 30	25 6	1 38	25 9	2 12	21 40	0 43	1 19	2 11	7 7	0 37	14 7	0 27	8 23	17 21	6 41	7 0	27 25	16 2	7 5	S 13
M14	20 34	25 44	4 56	20 1	0 50	25 7	1 39	25 13	2 15	21 39	0 43	1 18	2 12	7 7	0 37	14 7	0 27	8 24	17 21	6 47	7 1	27 24	16 2	7 5	M14
T 15	20 46	27 41	4 59	19 25	1 10	25 6	1 41	25 17	2 18	21 38	0 43	1 16	2 12	7 6	0 37	14 7	0 27	8 24	17 21	6 52	7 2	27 23	16 2	7 6	T 15
W16	20 58	28 17	4 49	18 51	1 29	25 5	1 43	25 20	2 21	21 37	0 43	1 14	2 12	7 5	0 37	14 7	0 27	8 24	17 20	6 58	7 3	27 22	16 1	7 6	W16
T 17	21 9	27 35	4 26	18 18	1 45	25 2	1 44	25 24	2 24	21 36	0 43	1 13	2 12	7 5	0 37	14 7	0 27	8 24	17 20	7 2	7 5	27 21	16 1	7 7	T 17
F 18	21 20	25 37	3 52	17 48	2 0	25 0	1 46	25 28	2 26	21 35	0 42	1 11	2 13	7 4	0 37	14 7	0 27	8 24	17 20	7 6	7 6	27 20	16 1	7 7	F 18
S 19	21 30	22 32	3 8	17 21	2 13	24 56	1 47	25 32	2 29	21 34	0 42	1 9	2 13	7 4	0 37	14 7	0 27	8 24	17 20	7 9	7 7	27 19	16 1	7 8	S 19
S 20	21 40	18 31	2 16	16 59	2 24	24 51	1 48	25 36	2 32	21 33	0 42	1 8	2 13	7 3	0 37	14 7	0 27	8 24	17 19	7 10	7 8	27 18	16 0	7 8	S 20
M21	21 50	13 43	1 17	16 41	2 32	24 46	1 49	25 40	2 35	21 32	0 42	1 6	2 13	7 3	0 37	14 7	0 27	8 24	17 19	7 11	7 9	27 17	16 0	7 9	M21
T 22	21 59	8 20	0 13	16 28	2 39	24 40	1 50	25 44	2 38	21 31	0 42	1 5	2 13	7 2	0 37	14 7	0 27	8 24	17 19	7 11	7 11	27 16	16 0	7 9	T 22
W23	22 8	2 30	0s53	16 20	2 43	24 34	1 52	25 48	2 41	21 30	0 42	1 3	2 14	7 2	0 37	14 8	0 27	8 24	17 18	7 11	7 12	27 14	16 0	7 9	W23
T 24	22 16	3s37	1 58	16 16	2 45	24 26	1 53	25 52	2 44	21 29	0 42	1 2	2 14	7 2	0 37	14 8	0 27	8 24	17 18	7 11	7 13	27 13	16 0	7 10	T 24
F 25	22 24	9 46	2 58	16 16	2 46	24 18	1 53	25 56	2 46	21 28	0 41	1 1	2 14	7 1	0 37	14 8	0 27	8 24	17 18	7 13	7 14	27 12	15 59	7 10	F 25
S 26	22 32	15 41	3 51	16 20	2 45	24 10	1 54	26 0	2 49	21 27	0 41	0 59	2 14	7 1	0 37	14 8	0 27	8 23	17 17	7 15	7 15	27 11	15 59	7 11	S 26
S 27	22 39	20 59	4 31	16 27	2 43	24 0	1 55	26 4	2 52	21 26	0 41	0 58	2 15	7 0	0 37	14 8	0 27	8 23	17 17	7 18	7 17	27 10	15 59	7 11	S 27
M28	22 45	25 9	4 55	16 37	2 40	23 50	1 56	26 8	2 55	21 25	0 41	0 57	2 15	7 0	0 37	14 8	0 27	8 23	17 17	7 22	7 18	27 9	15 59	7 11	M28
T 29	22 52	27 41	4 59	16 49	2 36	23 39	1 56	26 11	2 57	21 24	0 41	0 56	2 15	7 0	0 37	14 8	0 27	8 23	17 17	7 27	7 19	27 7	15 59	7 12	T 29
W30	22s57	28s11	4s42	17s 4	2n31	23s27	1s57	26n15	3n 0	21n23	0s41	0n54	2n16	6n59	0s37	14n 9	0n27	8s23	17s16	7s31	7s20	27n 6	15n59	7s12	W30

Julian Day Number = 2304666.5, Delta T = 91.71 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'41, Lahiri = 18°14'41 Julian Calendar 1 Nov. 1597 == Greg. Calendar 11 Nov. 1597

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ASTRODIENST EPHEMERIS for the year 1597
geocentric

DECEMBER 1597 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 18 32	19♐ 4'27	16♉10	27♏45	24♉11	7°R28	10°R17	2♎59	19°R14	23°R31	19°R24	10°R40	11♓16	13♋51	9°R17	T 1
F 2	5 22 28	20° 5'35	1♒ 9	28°39	25°24	7♋ 7	10♊ 9	3° 2	19♈13	23♌30	19♈23	10♓32	11°12	13°58	9♋13	F 2
S 3	5 26 25	21° 6'42	15°48	29°38	26°38	6°45	10° 1	3° 6	19°12	23°30	19°23	10°28	11° 9	14° 5	9° 9	S 3
S 4	5 30 21	22° 7'50	0♓ 4	0♐40	27°51	6°23	9°53	3° 9	19°12	23°29	19°22	10°26	11° 6	14°11	9° 5	S 4
M 5	5 34 18	23° 8'58	13°54	1°45	29° 4	6° 1	9°45	3°12	19°11	23°29	19°22	10°D26	11° 3	14°18	9° 1	M 5
T 6	5 38 14	24°10'06	27°21	2°54	0♒17	5°38	9°38	3°15	19°10	23°28	19°21	10°R26	11° 0	14°25	8°57	T 6
W 7	5 42 11	25°11'14	10♈26	4° 5	1°31	5°15	9°30	3°18	19°10	23°27	19°21	10°25	10°57	14°31	8°53	W 7
T 8	5 46 7	26°12'22	23°14	5°18	2°44	4°52	9°23	3°21	19° 9	23°26	19°21	10°22	10°53	14°38	8°49	T 8
F 9	5 50 4	27°13'31	5♉47	6°34	3°57	4°28	9°15	3°23	19° 9	23°26	19°20	10°16	10°50	14°45	8°45	F 9
S 10	5 54 1	28°14'39	18° 9	7°51	5°10	4° 4	9° 8	3°26	19° 8	23°25	19°20	10° 7	10°47	14°52	8°41	S 10
S 11	5 57 57	29°15'48	0♊21	9° 9	6°23	3°41	9° 1	3°28	19° 8	23°24	19°20	9°56	10°44	14°58	8°37	S 11
M12	6 1 54	0♉16'57	12°27	10°30	7°36	3°17	8°53	3°31	19° 7	23°23	19°19	9°43	10°41	15° 5	8°33	M12
T 13	6 5 50	1°18'06	24°27	11°51	8°48	2°53	8°46	3°33	19° 7	23°22	19°19	9°30	10°38	15°12	8°28	T 13
W14	6 9 47	2°19'15	6♋22	13°13	10° 1	2°29	8°39	3°35	19° 7	23°22	19°19	9°16	10°34	15°18	8°24	W14
T 15	6 13 43	3°20'25	18°13	14°37	11°14	2° 5	8°33	3°37	19° 7	23°21	19°19	9° 5	10°31	15°25	8°20	T 15
F 16	6 17 40	4°21'34	0♌ 3	16° 1	12°27	1°42	8°26	3°39	19° 6	23°20	19°18	8°55	10°28	15°32	8°16	F 16
S 17	6 21 37	5°22'44	11°53	17°26	13°39	1°18	8°20	3°41	19° 6	23°19	19°18	8°49	10°25	15°38	8°12	S 17
S 18	6 25 33	6°23'53	23°46	18°52	14°52	0°55	8°13	3°43	19°D 6	23°18	19°18	8°45	10°22	15°45	8° 8	S 18
M19	6 29 30	7°25'03	5♍46	20°19	16° 4	0°32	8° 7	3°45	19° 6	23°17	19°18	8°D44	10°18	15°52	8° 3	M19
T 20	6 33 26	8°26'13	17°56	21°46	17°17	0° 9	8° 1	3°46	19° 6	23°16	19°18	8°44	10°15	15°59	7°59	T 20
W21	6 37 23	9°27'24	0♎21	23°14	18°29	29♊47	7°55	3°48	19° 6	23°14	19°18	8°45	10°12	16° 5	7°55	W21
T 22	6 41 19	10°28'34	13° 7	24°43	19°41	29°25	7°49	3°49	19° 7	23°13	19°18	8°R45	10° 9	16°12	7°51	T 22
F 23	6 45 16	11°29'45	26°17	26°12	20°53	29° 4	7°43	3°50	19° 7	23°12	19°18	8°44	10° 6	16°19	7°46	F 23
S 24	6 49 12	12°30'55	9♏56	27°41	22° 5	28°43	7°38	3°51	19° 7	23°11	19°D18	8°41	10° 3	16°25	7°42	S 24
S 25	6 53 9	13°32'06	24° 5	29°11	23°17	28°22	7°33	3°52	19° 7	23°10	19°18	8°35	9°59	16°32	7°38	S 25
M26	6 57 6	14°33'17	8♐42	0♉42	24°29	28° 2	7°27	3°53	19° 8	23° 9	19°18	8°28	9°56	16°39	7°34	M26
T 27	7 1 2	15°34'28	23°43	2°13	25°41	27°43	7°22	3°54	19° 8	23° 7	19°18	8°19	9°53	16°45	7°30	T 27
W28	7 4 59	16°35'38	8♉58	3°44	26°53	27°24	7°18	3°55	19° 9	23° 6	19°18	8°11	9°50	16°52	7°25	W28
T 29	7 8 55	17°36'48	24°18	5°16	28° 5	27° 6	7°13	3°55	19° 9	23° 5	19°18	8° 4	9°47	16°59	7°21	T 29
F 30	7 12 52	18°37'58	9♒31	6°49	29°16	26°48	7° 9	3°56	19°10	23° 4	19°18	7°58	9°44	17° 6	7°17	F 30
S 31	7 16 48	19♉39'07	24♒26	8♉22	0♓28	26♊32	7♊ 4	3♎56	19♈11	23♌ 2	19♈18	7♓55	9♓40	17♋12	7♋13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 3	26s34	4s 5	17s20	2n26	23s15	1s57	26n19	3n 2	21n22	0s41	0n53	2n16	6n59	0s36	14n 9	0n27	8s23	17s16	7s35	7s21	27n 5	15n59	7s12	T 1
F 2	23 7	23 4	3 12	17 38	2 20	23 2	1 58	26 23	3 5	21 21	0 40	0 52	2 16	6 59	0 36	14 9	0 28	8 23	17 16	7 38	7 23	27 4	15 59	7 13	F 2
S 3	23 12	18 9	2 6	17 57	2 13	22 48	1 58	26 26	3 7	21 20	0 40	0 51	2 16	6 58	0 36	14 9	0 28	8 23	17 15	7 40	7 24	27 3	15 59	7 13	S 3
S 4	23 16	12 20	0 55	18 17	2 6	22 34	1 58	26 30	3 10	21 19	0 40	0 50	2 17	6 58	0 36	14 9	0 28	8 23	17 15	7 40	7 25	27 2	15 59	7 13	S 4
M 5	23 19	6 4	0n18	18 37	1 59	22 19	1 58	26 33	3 12	21 18	0 40	0 49	2 17	6 58	0 36	14 10	0 28	8 22	17 15	7 40	7 26	27 0	15 59	7 14	M 5
T 6	23 22	0n18	1 28	18 58	1 51	22 3	1 58	26 36	3 14	21 17	0 40	0 48	2 17	6 58	0 36	14 10	0 28	8 22	17 14	7 40	7 28	26 59	15 59	7 14	T 6
W 7	23 24	6 28	2 32	19 19	1 44	21 47	1 58	26 39	3 16	21 16	0 40	0 47	2 17	6 58	0 36	14 10	0 28	8 22	17 14	7 41	7 29	26 58	15 59	7 14	W 7
T 8	23 26	12 14	3 26	19 40	1 36	21 30	1 58	26 42	3 18	21 15	0 39	0 46	2 18	6 57	0 36	14 10	0 28	8 22	17 14	7 42	7 30	26 57	15 59	7 14	T 8
F 9	23 28	17 23	4 9	20 1	1 28	21 13	1 58	26 45	3 20	21 15	0 39	0 46	2 18	6 57	0 36	14 11	0 28	8 22	17 13	7 44	7 31	26 55	15 59	7 15	F 9
S 10	23 29	21 45	4 40	20 21	1 20	20 55	1 57	26 48	3 22	21 14	0 39	0 45	2 18	6 57	0 36	14 11	0 28	8 21	17 13	7 47	7 32	26 54	15 59	7 15	S 10
S 11	23 29	25 6	4 57	20 42	1 12	20 36	1 57	26 50	3 24	21 13	0 39	0 44	2 18	6 57	0 36	14 11	0 28	8 21	17 13	7 52	7 34	26 53	15 59	7 15	S 11
M12	23 30	27 18	5 1	21 1	1 4	20 17	1 56	26 53	3 25	21 12	0 39	0 43	2 19	6 57	0 36	14 11	0 28	8 21	17 12	7 57	7 35	26 52	15 59	7 15	M12
T 13	23 29	28 13	4 51	21 21	0 56	19 57	1 56	26 55	3 27	21 11	0 38	0 43	2 19	6 57	0 36	14 12	0 28	8 21	17 12	8 2	7 36	26 50	15 59	7 15	T 13
W14	23 28	27 49	4 29	21 39	0 47	19 37	1 55	26 57	3 29	21 10	0 38	0 42	2 19	6 57	0 36	14 12	0 28	8 21	17 11	8 7	7 37	26 49	15 59	7 16	W14
T 15	23 27	26 8	3 55	21 57	0 39	19 16	1 54	26 59	3 30	21 9	0 38	0 42	2 20	6 57	0 36	14 12	0 28	8 20	17 11	8 11	7 38	26 48	15 59	7 16	T 15
F 16	23 25	23 17	3 11	22 14	0 32	18 55	1 53	27 0	3 31	21 8	0 38	0 41	2 20	6 57	0 36	14 13	0 28	8 20	17 11	8 15	7 40	26 46	15 59	7 16	F 16
S 17	23 23	19 28	2 18	22 30	0 24	18 33	1 52	27 2	3 32	21 7	0 38	0 41	2 20	6 57	0 36	14 13	0 28	8 20	17 10	8 17	7 41	26 45	15 59	7 16	S 17
S 18	23 20	14 52	1 19	22 46	0 16	18 11	1 51	27 3	3 34	21 7	0 37	0 40	2 20	6 57	0 36	14 13	0 28	8 19	17 10	8 18	7 42	26 44	15 59	7 16	S 18
M19	23 17	9 40	0 16	23 0	0 8	17 48	1 50	27 4	3 35	21 6	0 37	0 40	2 21	6 57	0 36	14 14	0 28	8 19	17 10	8 19	7 43	26 42	16 0	7 16	M19
T 20	23 13	4 2	0s49	23 14	0 1	17 25	1 48	27 5	3 36	21 5	0 37	0 39	2 21	6 57	0 36	14 14	0 28	8 19	17 9	8 19	7 44	26 41	16 0	7 16	T 20
W21	23 9	1s52	1 53	23 26	0s 7	17 1	1 47	27 6	3 36	21 4	0 37	0 39	2 21	6 57	0 36	14 15	0 28	8 19	17 9	8 18	7 46	26 40	16 0	7 16	W21
T 22	23 5	7 51	2 53	23 37	0 14	16 37	1 46	27 7	3 37	21 4	0 37	0 39	2 22	6 57	0 36	14 15	0 28	8 18	17 9	8 18	7 47	26 38	16 0	7 16	T 22
F 23	23 0	13 41	3 46	23 47	0 21	16 12	1 44	27 7	3 38	21 3	0 36	0 38	2 22	6 57	0 36	14 15	0 28	8 18	17 8	8 19	7 48	26 37	16 0	7 16	F 23
S 24	22 54	19 4	4 29	23 56	0 28	15 47	1 42	27 7	3 38	21 2	0 36	0 38	2 22	6 57	0 36	14 16	0 28	8 18	17 8	8 20	7 49	26 36	16 0	7 16	S 24
S 25	22 48	23 37	4 56	24 4	0 35	15 22	1 40	27 8	3 39	21 2	0 36	0 38	2 22	6 57	0 36	14 16	0 28	8 17	17 7	8 22	7 50	26 34	16 1	7 16	S 25
M26	22 42	26 50	5 6	24 11	0 41	14 56	1 39	27 8	3 39	21 1	0 36	0 38	2 23	6 57	0 36	14 17	0 28	8 17	17 7	8 25	7 52	26 33	16 1	7 16	M26
T 27	22 35	28 15	4 55	24 16	0 48	14 30	1 37	27 8	3 39	21 0	0 36	0 38	2 23	6 58	0 36	14 17	0 28	8 17	17 7	8 28	7 53	26 32	16 1	7 16	T 27
W28	22 28	27 34	4 23	24 21	0 54	14 4	1 35	27 8	3 40	21 0	0 35	0 38	2 23	6 58	0 36	14 17	0 28	8 16	17 6	8 31	7 54	26 30	16 1	7 16	W28
T 29	22 20	24 47	3 33	24 23	1 0	13 37	1 32	27 7	3 40	20 59	0 35	0 38	2 24	6 58	0 35	14 18	0 28	8 16	17 6	8 34	7 55	26 29	16 2	7 16	T 29
F 30	22 12	20 16	2 27	24 25	1 6	13 10	1 30	27 7	3 40	20 59	0 35	0 38	2 24	6 58	0 35	14 18	0 28	8 15	17 6	8 36	7 56	26 27	16 2	7 16	F 30
S 31	22s 3	14s32	1s12	24s25	1s12	12s42	1s28	27n 6	3n40	20n58	0s35	0n38	2n24	6n59	0s35	14n19	0n28	8s15	17s 5	8s37	7s58	26n26	16n 2	7s16	S 31

Julian Day Number = 2304696.5, Delta T = 91.60 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'45, Lahiri = 18°14'45 Julian Calendar 1 Dec. 1597 == Greg. Calendar 11 Dec. 1597

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

JANUARY 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 20 45	20♉40'15	8♓58	9♉56	1♓39	26°R16	7°R 0	3♎56	19♈11	23°R 1	19♈19	7°D55	9♓37	17♋19	7°R 9	S 1
M 2	7 24 41	21°41'22	23° 2	11°30	2°50	26♊ 0	6♊56	3°57	19°12	23♌ 0	19°19	7♓55	9°34	17°26	7♋ 5	M 2
T 3	7 28 38	22°42'29	6♈39	13° 4	4° 2	25°46	6°53	3°R57	19°13	22°58	19°19	7°57	9°31	17°32	7° 1	T 3
W 4	7 32 35	23°43'34	19°50	14°39	5°13	25°32	6°49	3°57	19°14	22°57	19°19	7°R58	9°28	17°39	6°57	W 4
T 5	7 36 31	24°44'39	2♉38	16°15	6°24	25°19	6°46	3°56	19°15	22°55	19°19	7°57	9°24	17°46	6°53	T 5
F 6	7 40 28	25°45'42	15° 8	17°51	7°34	25° 7	6°43	3°56	19°15	22°54	19°20	7°55	9°21	17°52	6°49	F 6
S 7	7 44 24	26°46'45	27°24	19°28	8°45	24°56	6°40	3°56	19°16	22°52	19°20	7°51	9°18	17°59	6°45	S 7
S 8	7 48 21	27°47'47	9♊29	21° 5	9°56	24°45	6°37	3°55	19°18	22°51	19°20	7°45	9°15	18° 6	6°41	S 8
M 9	7 52 17	28°48'48	21°26	22°43	11° 6	24°35	6°35	3°55	19°19	22°49	19°21	7°38	9°12	18°12	6°38	M 9
T 10	7 56 14	29°49'47	3♋20	24°22	12°17	24°26	6°32	3°54	19°20	22°48	19°21	7°31	9° 9	18°19	6°34	T 10
W11	8 0 10	0♒50'46	15°11	26° 1	13°27	24°18	6°30	3°53	19°21	22°46	19°21	7°24	9° 5	18°26	6°30	W11
T 12	8 4 7	1°51'44	27° 1	27°41	14°37	24°11	6°28	3°52	19°22	22°45	19°22	7°17	9° 2	18°33	6°26	T 12
F 13	8 8 4	2°52'41	8♌53	29°22	15°47	24° 4	6°26	3°51	19°23	22°43	19°22	7°12	8°59	18°39	6°23	F 13
S 14	8 12 0	3°53'36	20°49	1♒ 3	16°57	23°59	6°25	3°50	19°25	22°42	19°23	7° 9	8°56	18°46	6°19	S 14
S 15	8 15 57	4°54'31	2♍49	2°45	18° 6	23°54	6°24	3°49	19°26	22°40	19°23	7°D 8	8°53	18°53	6°16	S 15
M16	8 19 53	5°55'25	14°57	4°27	19°16	23°50	6°22	3°48	19°28	22°39	19°24	7° 8	8°50	18°59	6°12	M16
T 17	8 23 50	6°56'18	27°14	6°11	20°25	23°46	6°22	3°46	19°29	22°37	19°24	7° 9	8°46	19° 6	6° 9	T 17
W18	8 27 46	7°57'10	9♎45	7°55	21°34	23°44	6°21	3°45	19°31	22°35	19°25	7°11	8°43	19°13	6° 5	W18
T 19	8 31 43	8°58'01	22°33	9°39	22°43	23°42	6°20	3°43	19°32	22°34	19°25	7°13	8°40	19°19	6° 2	T 19
F 20	8 35 39	9°58'51	5♏41	11°25	23°52	23°41	6°20	3°41	19°34	22°32	19°26	7°R13	8°37	19°26	5°59	F 20
S 21	8 39 36	10°59'41	19°12	13°11	25° 1	23°D41	6°D20	3°39	19°36	22°31	19°27	7°13	8°34	19°33	5°56	S 21
S 22	8 43 33	12° 0'29	3♐ 7	14°58	26° 9	23°41	6°20	3°37	19°37	22°29	19°27	7°12	8°30	19°39	5°53	S 22
M23	8 47 29	13° 1'17	17°28	16°45	27°17	23°42	6°20	3°35	19°39	22°27	19°28	7° 9	8°27	19°46	5°50	M23
T 24	8 51 26	14° 2'04	2♑10	18°33	28°26	23°44	6°21	3°33	19°41	22°26	19°29	7° 6	8°24	19°53	5°47	T 24
W25	8 55 22	15° 2'49	17° 9	20°22	29°33	23°47	6°22	3°31	19°43	22°24	19°29	7° 3	8°21	20° 0	5°44	W25
T 26	8 59 19	16° 3'34	2♒17	22°11	0♈41	23°50	6°22	3°29	19°45	22°22	19°30	7° 0	8°18	20° 6	5°41	T 26
F 27	9 3 15	17° 4'17	17°23	24° 0	1°49	23°54	6°24	3°26	19°47	22°21	19°31	6°58	8°15	20°13	5°38	F 27
S 28	9 7 12	18° 4'58	2♓20	25°50	2°56	23°59	6°25	3°24	19°49	22°19	19°31	6°D58	8°11	20°20	5°36	S 28
S 29	9 11 9	19° 5'38	16°58	27°40	4° 3	24° 5	6°26	3°21	19°51	22°17	19°32	6°58	8° 8	20°26	5°33	S 29
M30	9 15 5	20° 6'16	1♈13	29°29	5°10	24°11	6°28	3°18	19°53	22°16	19°33	6°59	8° 5	20°33	5°30	M30
T 31	9 19 2	21♒ 6'53	15♈ 0	1♓19	6♈17	24♊18	6♊30	3♎16	19♈55	22♌14	19♈34	7♓ 0	8♓ 2	20♋40	5♋28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s54	8s 8	0n 6	24s24	1s17	12s14	1s25	27n 6	3n39	20n58	0s34	0n38	2n24	6n59	0s35	14n19	0n28	8s15	17s 5	8s37	7s59	26n25	16n 3	7s16	S 1
M 2	21 45	1 32	1 21	24 21	1 22	11 46	1 23	27 5	3 39	20 57	0 34	0 39	2 25	6 59	0 35	14 20	0 28	8 14	17 5	8 37	8 0	26 23	16 3	7 16	M 2
T 3	21 35	4n55	2 29	24 18	1 27	11 18	1 20	27 4	3 39	20 57	0 34	0 39	2 25	7 0	0 35	14 20	0 28	8 14	17 4	8 37	8 1	26 22	16 3	7 16	T 3
W 4	21 24	10 58	3 27	24 12	1 32	10 49	1 17	27 4	3 39	20 57	0 34	0 39	2 25	7 0	0 35	14 21	0 28	8 13	17 4	8 36	8 2	26 20	16 4	7 16	W 4
T 5	21 14	16 22	4 13	24 5	1 36	10 20	1 14	27 3	3 38	20 56	0 34	0 39	2 26	7 0	0 35	14 21	0 28	8 13	17 3	8 36	8 4	26 19	16 4	7 16	T 5
F 6	21 2	20 57	4 46	23 57	1 40	9 51	1 11	27 2	3 38	20 56	0 33	0 40	2 26	7 1	0 35	14 22	0 28	8 12	17 3	8 37	8 5	26 17	16 4	7 15	F 6
S 7	20 51	24 33	5 4	23 48	1 44	9 22	1 8	27 1	3 37	20 56	0 33	0 40	2 26	7 1	0 35	14 22	0 28	8 12	17 3	8 39	8 6	26 16	16 5	7 15	S 7
S 8	20 39	27 1	5 9	23 36	1 48	8 52	1 5	27 0	3 37	20 55	0 33	0 41	2 26	7 2	0 35	14 23	0 28	8 12	17 2	8 41	8 7	26 15	16 5	7 15	S 8
M 9	20 27	28 13	5 1	23 24	1 51	8 23	1 2	26 59	3 36	20 55	0 33	0 41	2 27	7 2	0 35	14 23	0 28	8 11	17 2	8 43	8 8	26 13	16 5	7 15	M 9
T 10	20 14	28 6	4 39	23 10	1 54	7 53	0 59	26 58	3 35	20 55	0 33	0 42	2 27	7 3	0 35	14 24	0 28	8 11	17 2	8 46	8 10	26 12	16 6	7 15	T 10
W11	20 1	26 41	4 5	22 54	1 56	7 22	0 55	26 57	3 35	20 55	0 32	0 42	2 27	7 3	0 35	14 24	0 28	8 10	17 1	8 49	8 11	26 10	16 6	7 14	W11
T 12	19 47	24 5	3 21	22 37	1 59	6 52	0 52	26 55	3 34	20 55	0 32	0 43	2 28	7 4	0 35	14 25	0 28	8 10	17 1	8 51	8 12	26 9	16 6	7 14	T 12
F 13	19 34	20 27	2 28	22 18	2 1	6 22	0 48	26 54	3 33	20 55	0 32	0 44	2 28	7 4	0 35	14 25	0 28	8 9	17 1	8 53	8 13	26 7	16 7	7 14	F 13
S 14	19 19	15 59	1 28	21 57	2 2	5 51	0 45	26 53	3 32	20 55	0 32	0 44	2 28	7 5	0 35	14 26	0 28	8 9	17 0	8 54	8 14	26 6	16 7	7 14	S 14
S 15	19 5	10 52	0 24	21 35	2 3	5 21	0 41	26 52	3 31	20 55	0 31	0 45	2 28	7 5	0 35	14 26	0 28	8 8	17 0	8 55	8 16	26 4	16 8	7 13	S 15
M16	18 50	5 17	0s43	21 12	2 4	4 50	0 37	26 51	3 30	20 55	0 31	0 46	2 29	7 6	0 35	14 27	0 28	8 8	16 59	8 55	8 17	26 3	16 8	7 13	M16
T 17	18 35	0s33	1 48	20 47	2 4	4 19	0 33	26 50	3 29	20 55	0 31	0 47	2 29	7 6	0 35	14 27	0 29	8 7	16 59	8 54	8 18	26 1	16 9	7 13	T 17
W18	18 19	6 28	2 49	20 20	2 4	3 48	0 29	26 49	3 28	20 55	0 31	0 47	2 29	7 7	0 35	14 28	0 29	8 7	16 59	8 54	8 19	25 59	16 9	7 13	W18
T 19	18 3	12 15	3 44	19 52	2 4	3 17	0 25	26 48	3 27	20 55	0 31	0 48	2 30	7 8	0 35	14 28	0 29	8 6	16 58	8 53	8 20	25 58	16 9	7 12	T 19
F 20	17 47	17 39	4 28	19 22	2 3	2 46	0 21	26 47	3 26	20 55	0 30	0 49	2 30	7 8	0 35	14 29	0 29	8 6	16 58	8 53	8 22	25 56	16 10	7 12	F 20
S 21	17 31	22 21	4 59	18 50	2 1	2 15	0 17	26 45	3 25	20 55	0 30	0 50	2 30	7 9	0 35	14 30	0 29	8 5	16 58	8 53	8 23	25 55	16 10	7 12	S 21
S 22	17 14	25 57	5 14	18 17	1 59	1 43	0 12	26 44	3 24	20 55	0 30	0 51	2 30	7 10	0 35	14 30	0 29	8 5	16 57	8 53	8 24	25 53	16 11	7 11	S 22
M23	16 57	28 2	5 9	17 43	1 57	1 12	0 8	26 43	3 23	20 56	0 30	0 52	2 31	7 10	0 35	14 31	0 29	8 4	16 57	8 54	8 25	25 52	16 11	7 11	M23
T 24	16 39	28 14	4 45	17 6	1 54	0 41	0 4	26 42	3 22	20 56	0 29	0 53	2 31	7 11	0 35	14 31	0 29	8 3	16 57	8 55	8 26	25 50	16 12	7 11	T 24
W25	16 22	26 22	4 1	16 29	1 50	0 10	0n 1	26 41	3 21	20 56	0 29	0 55	2 31	7 12	0 35	14 32	0 29	8 3	16 56	8 57	8 27	25 48	16 12	7 10	W25
T 26	16 4	22 37	3 0	15 49	1 46	0n22	0 6	26 40	3 20	20 57	0 29	0 56	2 31	7 12	0 35	14 32	0 29	8 2	16 56	8 58	8 29	25 47	16 13	7 10	T 26
F 27	15 45	17 20	1 46	15 9	1 42	0 53	0 10	26 39	3 18	20 57	0 29	0 57	2 32	7 13	0 34	14 33	0 29	8 2	16 56	8 58	8 30	25 45	16 13	7 9	F 27
S 28	15 27	11 4	0 26	14 27	1 36	1 24	0 15	26 38	3 17	20 58	0 29	0 58	2 32	7 14	0 34	14 33	0 29	8 1	16 55	8 59	8 31	25 44	16 14	7 9	S 28
S 29	15 8	4 19	0n55	13 43	1 30	1 55	0 20	26 38	3 16	20 58	0 28	0 59	2 32	7 15	0 34	14 34	0 29	8 1	16 55	8 58	8 32	25 42	16 14	7 9	S 29
M30	14 49	2n28	2 10	12 59	1 24	2 26	0 25	26 37	3 15	20 59	0 28	1 1	2 32	7 16	0 34	14 35	0 29	8 0	16 55	8 58	8 33	25 40	16 15	7 8	M30
T 31	14s30	8n55	3n15	12s13	1s16	2n57	0n30	26n36	3n14	20n59	0s28	1n 2	2n33	7n16	0s34	14n35	0n29	7s59	16s55	8s58	8s35	25n39	16n15	7s 8	T 31

Julian Day Number = 2304727.5, Delta T = 91.48 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'49, Lahiri = 18°14'49 Julian Calendar 1 Jan. 1598 == Greg. Calendar 11 Jan. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

FEBRUARY 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 22 58	22♒ 7'28	28♈21	3♓ 8	7♈23	24♊25	6♊32	3°R13	19♈57	22°R12	19♈35	7♓ 1	7♓59	20♋46	5°R26	W 1
T 2	9 26 55	23° 8'01	11♉17	4°57	8°29	24°33	6°34	3♎10	19°59	22♏11	19°35	7° 2	7°55	20°53	5♋23	T 2
F 3	9 30 51	24° 8'32	23°52	6°45	9°35	24°42	6°37	3° 7	20° 1	22° 9	19°36	7°R 2	7°52	21° 0	5°21	F 3
S 4	9 34 48	25° 9'01	6♊ 8	8°31	10°41	24°51	6°40	3° 4	20° 4	22° 7	19°37	7° 2	7°49	21° 6	5°19	S 4
S 5	9 38 44	26° 9'29	18°12	10°16	11°46	25° 1	6°43	3° 0	20° 6	22° 5	19°38	7° 1	7°46	21°13	5°17	S 5
M 6	9 42 41	27° 9'55	0♋ 7	11°58	12°52	25°12	6°46	2°57	20° 8	22° 4	19°39	7° 0	7°43	21°20	5°15	M 6
T 7	9 46 38	28°10'18	11°58	13°38	13°56	25°23	6°49	2°54	20°11	22° 2	19°40	6°59	7°40	21°26	5°13	T 7
W 8	9 50 34	29°10'40	23°47	15°15	15° 1	25°35	6°52	2°50	20°13	22° 0	19°41	6°58	7°36	21°33	5°11	W 8
T 9	9 54 31	0♓11'00	5♌39	16°48	16° 5	25°47	6°56	2°47	20°16	21°59	19°42	6°57	7°33	21°40	5°10	T 9
F 10	9 58 27	1°11'19	17°36	18°17	17° 9	25°59	7° 0	2°43	20°18	21°57	19°43	6°56	7°30	21°47	5° 8	F 10
S 11	10 2 24	2°11'35	29°39	19°41	18°13	26°13	7° 4	2°40	20°21	21°55	19°44	6°56	7°27	21°53	5° 6	S 11
S 12	10 6 20	3°11'49	11♍51	21° 0	19°16	26°26	7° 8	2°36	20°23	21°54	19°45	6°D56	7°24	22° 0	5° 5	S 12
M13	10 10 17	4°12'02	24°14	22°12	20°19	26°41	7°12	2°32	20°26	21°52	19°46	6°56	7°21	22° 7	5° 4	M13
T 14	10 14 13	5°12'13	6♎48	23°18	21°22	26°55	7°17	2°28	20°28	21°51	19°47	6°56	7°17	22°13	5° 2	T 14
W15	10 18 10	6°12'22	19°35	24°17	22°24	27°10	7°22	2°24	20°31	21°49	19°48	6°56	7°14	22°20	5° 1	W15
T 16	10 22 6	7°12'30	2♏36	25° 7	23°26	27°26	7°26	2°20	20°34	21°47	19°49	6°R56	7°11	22°27	5° 0	T 16
F 17	10 26 3	8°12'36	15°52	25°50	24°27	27°42	7°32	2°16	20°36	21°46	19°50	6°56	7° 8	22°33	4°59	F 17
S 18	10 30 0	9°12'41	29°25	26°24	25°28	27°59	7°37	2°12	20°39	21°44	19°51	6°56	7° 5	22°40	4°58	S 18
S 19	10 33 56	10°12'44	13♐15	26°49	26°29	28°16	7°42	2° 8	20°42	21°43	19°52	6°D56	7° 1	22°47	4°57	S 19
M20	10 37 53	11°12'46	27°21	27° 5	27°29	28°33	7°48	2° 4	20°45	21°41	19°53	6°56	6°58	22°53	4°57	M20
T 21	10 41 49	12°12'46	11♑43	27°R12	28°29	28°51	7°53	2° 0	20°48	21°39	19°54	6°56	6°55	23° 0	4°56	T 21
W22	10 45 46	13°12'44	26°18	27°10	29°29	29° 9	7°59	1°55	20°50	21°38	19°56	6°57	6°52	23° 7	4°55	W22
T 23	10 49 42	14°12'41	11♒ 0	26°59	0♉28	29°27	8° 5	1°51	20°53	21°36	19°57	6°57	6°49	23°13	4°55	T 23
F 24	10 53 39	15°12'35	25°45	26°40	1°26	29°46	8°12	1°47	20°56	21°35	19°58	6°58	6°46	23°20	4°55	F 24
S 25	10 57 35	16°12'28	10♓24	26°13	2°24	0♋ 6	8°18	1°42	20°59	21°33	19°59	6°R58	6°42	23°27	4°54	S 25
S 26	11 1 32	17°12'19	24°52	25°39	3°22	0°25	8°25	1°38	21° 2	21°32	20° 0	6°58	6°39	23°33	4°54	S 26
M27	11 5 29	18°12'08	9♈ 3	24°58	4°19	0°45	8°31	1°33	21° 5	21°30	20° 2	6°57	6°36	23°40	4°D54	M27
T 28	11 9 25	19♓11'54	22♈52	24♓12	5♉15	1♋ 6	8♊38	1♎29	21♈ 8	21♏29	20♈ 3	6♓55	6♓33	23♋47	4♋54	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s10	14n46	4n 7	11s26	1s 8	3n28	0n35	26n35	3n12	21n 0	0s28	1n 3	2n33	7n17	0s34	14n36	0n29	7s59	16s54	8s57	8s36	25n37	16n16	7s 7	W 1
T 2	13 50	19 46	4 45	10 39	1 0	3 59	0 40	26 34	3 11	21 0	0 28	1 5	2 33	7 18	0 34	14 36	0 29	7 58	16 54	8 57	8 37	25 36	16 16	7 7	T 2
F 3	13 30	23 45	5 8	9 50	0 50	4 30	0 45	26 33	3 10	21 1	0 27	1 6	2 33	7 19	0 34	14 37	0 29	7 58	16 54	8 57	8 38	25 34	16 17	7 6	F 3
S 4	13 10	26 35	5 17	9 1	0 40	5 0	0 50	26 32	3 9	21 2	0 27	1 8	2 33	7 20	0 34	14 37	0 29	7 57	16 53	8 57	8 39	25 32	16 18	7 6	S 4
S 5	12 50	28 7	5 11	8 12	0 30	5 31	0 55	26 31	3 8	21 2	0 27	1 9	2 34	7 21	0 34	14 38	0 29	7 57	16 53	8 57	8 41	25 31	16 18	7 6	S 5
M 6	12 29	28 21	4 51	7 22	0 18	6 1	1 1	26 31	3 6	21 3	0 27	1 11	2 34	7 22	0 34	14 38	0 29	7 56	16 53	8 58	8 42	25 29	16 19	7 5	M 6
T 7	12 8	27 16	4 20	6 33	0 6	6 31	1 6	26 30	3 5	21 4	0 26	1 12	2 34	7 23	0 34	14 39	0 29	7 55	16 52	8 58	8 43	25 27	16 19	7 5	T 7
W 8	11 47	24 57	3 37	5 44	0n 6	7 1	1 11	26 29	3 4	21 5	0 26	1 14	2 34	7 24	0 34	14 40	0 29	7 55	16 52	8 59	8 44	25 26	16 20	7 4	W 8
T 9	11 26	21 34	2 45	4 55	0 19	7 31	1 17	26 28	3 3	21 5	0 26	1 15	2 34	7 24	0 34	14 40	0 29	7 54	16 52	8 59	8 45	25 24	16 20	7 4	T 9
F 10	11 5	17 16	1 45	4 8	0 33	8 1	1 22	26 27	3 2	21 6	0 26	1 17	2 35	7 25	0 34	14 41	0 29	7 54	16 52	8 59	8 46	25 22	16 21	7 3	F 10
S 11	10 43	12 15	0 40	3 22	0 47	8 30	1 28	26 27	3 0	21 7	0 26	1 18	2 35	7 26	0 34	14 41	0 29	7 53	16 51	8 59	8 48	25 20	16 21	7 3	S 11
S 12	10 21	6 43	0s27	2 38	1 1	9 0	1 33	26 26	2 59	21 8	0 25	1 20	2 35	7 27	0 34	14 42	0 29	7 52	16 51	8 59	8 49	25 19	16 22	7 2	S 12
M13	9 59	0 51	1 35	1 56	1 16	9 29	1 39	26 25	2 58	21 9	0 25	1 22	2 35	7 28	0 34	14 42	0 29	7 52	16 51	8 59	8 50	25 17	16 23	7 2	M13
T 14	9 37	5s 8	2 38	1 17	1 30	9 58	1 44	26 24	2 57	21 10	0 25	1 23	2 35	7 29	0 34	14 43	0 29	7 51	16 51	8 59	8 51	25 15	16 23	7 1	T 14
W15	9 15	11 0	3 35	0 41	1 45	10 26	1 50	26 23	2 55	21 11	0 25	1 25	2 36	7 30	0 34	14 43	0 29	7 50	16 50	8 59	8 52	25 14	16 24	7 1	W15
T 16	8 53	16 30	4 22	0 7	1 59	10 55	1 56	26 22	2 54	21 12	0 25	1 27	2 36	7 31	0 34	14 44	0 29	7 50	16 50	8 59	8 54	25 12	16 24	7 0	T 16
F 17	8 31	21 21	4 56	0n22	2 13	11 23	2 1	26 21	2 53	21 13	0 24	1 29	2 36	7 33	0 34	14 44	0 29	7 49	16 50	8 59	8 55	25 10	16 25	6 59	F 17
S 18	8 8	25 11	5 15	0 48	2 27	11 51	2 7	26 21	2 52	21 14	0 24	1 30	2 36	7 34	0 34	14 45	0 29	7 49	16 50	8 59	8 56	25 8	16 25	6 59	S 18
S 19	7 45	27 39	5 15	1 10	2 39	12 18	2 13	26 20	2 51	21 15	0 24	1 32	2 36	7 35	0 34	14 45	0 29	7 48	16 49	8 59	8 57	25 7	16 26	6 58	S 19
M20	7 23	28 26	4 58	1 28	2 51	12 45	2 19	26 19	2 50	21 16	0 24	1 34	2 36	7 36	0 34	14 46	0 29	7 47	16 49	8 59	8 58	25 5	16 27	6 58	M20
T 21	7 0	27 18	4 21	1 40	3 2	13 12	2 24	26 18	2 48	21 17	0 24	1 36	2 37	7 37	0 34	14 46	0 29	7 47	16 49	8 59	8 59	25 3	16 27	6 57	T 21
W22	6 37	24 20	3 27	1 49	3 12	13 39	2 30	26 17	2 47	21 18	0 24	1 38	2 37	7 38	0 34	14 47	0 29	7 46	16 49	8 59	9 1	25 1	16 28	6 57	W22
T 23	6 14	19 44	2 19	1 52	3 21	14 6	2 36	26 16	2 46	21 19	0 23	1 40	2 37	7 39	0 34	14 47	0 29	7 46	16 48	8 59	9 2	24 59	16 28	6 56	T 23
F 24	5 50	13 56	1 2	1 51	3 28	14 32	2 42	26 14	2 45	21 21	0 23	1 41	2 37	7 40	0 34	14 48	0 29	7 45	16 48	8 58	9 3	24 58	16 29	6 56	F 24
S 25	5 27	7 23	0n19	1 45	3 33	14 57	2 48	26 13	2 44	21 22	0 23	1 43	2 37	7 41	0 34	14 48	0 29	7 44	16 48	8 58	9 4	24 56	16 29	6 55	S 25
S 26	5 4	0 33	1 38	1 35	3 36	15 23	2 53	26 12	2 43	21 23	0 23	1 45	2 37	7 42	0 34	14 49	0 29	7 44	16 48	8 59	9 5	24 54	16 30	6 54	S 26
M27	4 41	6n10	2 49	1 20	3 38	15 48	2 59	26 11	2 41	21 24	0 23	1 47	2 37	7 44	0 34	14 49	0 29	7 43	16 48	8 59	9 7	24 52	16 31	6 54	M27
T 28	4s17	12n26	3n48	1n 1	3n38	16n12	3n 5	26n10	2n40	21n25	0s22	1n49	2n37	7n45	0s34	14n50	0n29	7s42	16s47	8s59	9s 8	24n50	16n31	6s53	T 28

Julian Day Number = 2304758.5, Delta T = 91.36 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'53, Lahiri = 18°14'54 Julian Calendar 1 Feb. 1598 == Greg. Calendar 11 Feb. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

MARCH 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 13 22	20♓11'39	6♉17	23°R22	6♉11	1♋27	8♊45	1°R24	21♈11	21°R27	20♈ 4	6°R53	6♓30	23♋53	4♋54	W 1
T 2	11 17 18	21°11'21	19°19	22♓29	7° 7	1°48	8°52	1♎20	21°14	21♎26	20° 5	6♓52	6°27	24° 0	4°54	T 2
F 3	11 21 15	22°11'01	1♊58	21°34	8° 1	2° 9	9° 0	1°15	21°17	21°25	20° 7	6°50	6°23	24° 7	4°55	F 3
S 4	11 25 11	23°10'39	14°19	20°38	8°55	2°31	9° 7	1°11	21°21	21°23	20° 8	6°49	6°20	24°14	4°55	S 4
S 5	11 29 8	24°10'15	26°25	19°43	9°49	2°53	9°15	1° 6	21°24	21°22	20° 9	6°D49	6°17	24°20	4°56	S 5
M 6	11 33 4	25° 9'48	8♋21	18°50	10°42	3°15	9°22	1° 1	21°27	21°21	20°10	6°49	6°14	24°27	4°56	M 6
T 7	11 37 1	26° 9'19	20°11	17°59	11°34	3°38	9°30	0°57	21°30	21°19	20°12	6°51	6°11	24°34	4°57	T 7
W 8	11 40 58	27° 8'48	2♌ 1	17°12	12°25	4° 1	9°38	0°52	21°33	21°18	20°13	6°52	6° 7	24°40	4°58	W 8
T 9	11 44 54	28° 8'14	13°55	16°29	13°16	4°24	9°46	0°47	21°36	21°17	20°14	6°54	6° 4	24°47	4°59	T 9
F 10	11 48 51	29° 7'38	25°56	15°50	14° 6	4°48	9°55	0°43	21°40	21°15	20°16	6°55	6° 1	24°54	5° 0	F 10
S 11	11 52 47	0♈ 7'00	8♍ 8	15°17	14°55	5°12	10° 3	0°38	21°43	21°14	20°17	6°R56	5°58	25° 0	5° 1	S 11
S 12	11 56 44	1° 6'20	20°33	14°50	15°43	5°36	10°11	0°33	21°46	21°13	20°18	6°55	5°55	25° 7	5° 2	S 12
M13	12 0 40	2° 5'38	3♎13	14°28	16°31	6° 0	10°20	0°28	21°50	21°12	20°20	6°53	5°52	25°14	5° 3	M13
T 14	12 4 37	3° 4'53	16° 8	14°12	17°17	6°25	10°29	0°24	21°53	21°11	20°21	6°50	5°48	25°20	5° 4	T 14
W15	12 8 33	4° 4'06	29°18	14° 2	18° 3	6°49	10°38	0°19	21°56	21° 9	20°22	6°46	5°45	25°27	5° 6	W15
T 16	12 12 30	5° 3'18	12♏42	13°D58	18°47	7°14	10°47	0°14	21°59	21° 8	20°24	6°41	5°42	25°34	5° 7	T 16
F 17	12 16 27	6° 2'28	26°19	13°59	19°31	7°40	10°56	0°10	22° 3	21° 7	20°25	6°37	5°39	25°40	5° 9	F 17
S 18	12 20 23	7° 1'36	10♐ 6	14° 6	20°13	8° 5	11° 5	0° 5	22° 6	21° 6	20°26	6°34	5°36	25°47	5°11	S 18
S 19	12 24 20	8° 0'42	24° 3	14°18	20°55	8°31	11°15	0° 0	22°10	21° 5	20°28	6°31	5°33	25°54	5°12	S 19
M20	12 28 16	8°59'47	8♑ 7	14°35	21°35	8°57	11°24	29♍56	22°13	21° 4	20°29	6°D31	5°29	26° 0	5°14	M20
T 21	12 32 13	9°58'50	22°17	14°57	22°15	9°23	11°34	29°51	22°16	21° 3	20°30	6°31	5°26	26° 7	5°16	T 21
W22	12 36 9	10°57'51	6♒32	15°24	22°53	9°49	11°43	29°47	22°20	21° 2	20°32	6°32	5°23	26°14	5°18	W22
T 23	12 40 6	11°56'50	20°49	15°55	23°29	10°16	11°53	29°42	22°23	21° 1	20°33	6°34	5°20	26°20	5°21	T 23
F 24	12 44 2	12°55'47	5♓ 6	16°30	24° 5	10°43	12° 3	29°38	22°26	21° 0	20°35	6°R35	5°17	26°27	5°23	F 24
S 25	12 47 59	13°54'42	19°18	17° 9	24°39	11°10	12°13	29°33	22°30	20°59	20°36	6°34	5°13	26°34	5°25	S 25
S 26	12 51 56	14°53'36	3♈23	17°52	25°12	11°37	12°23	29°29	22°33	20°59	20°37	6°31	5°10	26°40	5°27	S 26
M27	12 55 52	15°52'28	17°16	18°39	25°43	12° 4	12°33	29°24	22°37	20°58	20°39	6°27	5° 7	26°47	5°30	M27
T 28	12 59 49	16°51'17	0♉53	19°29	26°13	12°32	12°44	29°20	22°40	20°57	20°40	6°21	5° 4	26°54	5°33	T 28
W29	13 3 45	17°50'05	14°12	20°22	26°41	12°59	12°54	29°16	22°44	20°56	20°42	6°14	5° 1	27° 0	5°35	W29
T 30	13 7 42	18°48'50	27°10	21°18	27° 8	13°27	13° 5	29°11	22°47	20°55	20°43	6° 7	4°58	27° 7	5°38	T 30
F 31	13 11 38	19♈47'34	9♊50	22♓17	27♉33	13♋55	13♊15	29♍ 7	22♈50	20♌55	20♈44	6♓ 0	4♓54	27♋14	5♋41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s54	17n55	4n32	0n39	3n35	16n37	3n11	26n 8	2n39	21n27	0s22	1n51	2n37	7n46	0s34	14n50	0n29	7s42	16s47	9s 0	9s 9	24n49	16n32	6s53
T 2	3 30	22 25	5 2	0 15	3 31	17 1	3 17	26 7	2 38	21 28	0 22	1 53	2 38	7 47	0 34	14 51	0 29	7 41	16 47	9 1	9 10	24 47	16 32	6 52
F 3	3 6	25 45	5 15	0s13	3 25	17 24	3 22	26 6	2 37	21 29	0 22	1 55	2 38	7 48	0 34	14 51	0 29	7 41	16 47	9 1	9 11	24 45	16 33	6 52
S 4	2 43	27 45	5 14	0 42	3 17	17 47	3 28	26 4	2 36	21 31	0 22	1 57	2 38	7 49	0 34	14 52	0 29	7 40	16 47	9 2	9 12	24 43	16 33	6 51
S 5	2 19	28 25	4 58	1 12	3 7	18 10	3 34	26 2	2 35	21 32	0 22	1 58	2 38	7 51	0 34	14 52	0 29	7 39	16 47	9 2	9 14	24 41	16 34	6 50
M 6	1 56	27 43	4 30	1 43	2 56	18 32	3 39	26 1	2 34	21 33	0 21	2 0	2 38	7 52	0 34	14 53	0 29	7 39	16 46	9 2	9 15	24 39	16 34	6 50
T 7	1 32	25 46	3 50	2 14	2 44	18 54	3 45	25 59	2 33	21 35	0 21	2 2	2 38	7 53	0 33	14 53	0 29	7 38	16 46	9 1	9 16	24 38	16 35	6 49
W 8	1 8	22 42	3 1	2 45	2 31	19 15	3 51	25 57	2 31	21 36	0 21	2 4	2 38	7 54	0 33	14 53	0 29	7 37	16 46	9 1	9 17	24 36	16 36	6 49
T 9	0 45	18 40	2 4	3 15	2 17	19 36	3 56	25 56	2 30	21 37	0 21	2 6	2 38	7 55	0 33	14 54	0 29	7 37	16 46	9 0	9 18	24 34	16 36	6 48
F 10	0 21	13 51	1 0	3 43	2 2	19 57	4 2	25 54	2 29	21 39	0 21	2 8	2 38	7 57	0 33	14 54	0 29	7 36	16 46	8 59	9 19	24 32	16 37	6 48
S 11	0n 3	8 26	0s 7	4 10	1 47	20 17	4 7	25 52	2 28	21 40	0 21	2 10	2 38	7 58	0 33	14 55	0 29	7 36	16 46	8 59	9 21	24 30	16 37	6 47
S 12	0 26	2 37	1 14	4 35	1 31	20 36	4 12	25 50	2 27	21 42	0 20	2 12	2 38	7 59	0 33	14 55	0 29	7 35	16 46	9 0	9 22	24 28	16 38	6 46
M13	0 50	3s25	2 20	4 58	1 16	20 55	4 18	25 48	2 26	21 43	0 20	2 14	2 38	8 0	0 33	14 55	0 29	7 34	16 45	9 0	9 23	24 26	16 38	6 46
T 14	1 14	9 25	3 19	5 18	1 0	21 14	4 23	25 45	2 25	21 44	0 20	2 16	2 38	8 2	0 33	14 56	0 29	7 34	16 45	9 1	9 24	24 24	16 39	6 45
W15	1 37	15 7	4 9	5 36	0 45	21 32	4 28	25 43	2 24	21 46	0 20	2 18	2 38	8 3	0 33	14 56	0 29	7 33	16 45	9 3	9 25	24 22	16 39	6 45
T 16	2 1	20 13	4 46	5 52	0 30	21 50	4 33	25 41	2 23	21 47	0 20	2 19	2 38	8 4	0 33	14 57	0 29	7 33	16 45	9 5	9 27	24 21	16 40	6 44
F 17	2 24	24 21	5 8	6 5	0 15	22 7	4 38	25 38	2 22	21 49	0 20	2 21	2 38	8 5	0 33	14 57	0 29	7 32	16 45	9 6	9 28	24 19	16 40	6 44
S 18	2 48	27 9	5 12	6 15	0 1	22 23	4 43	25 36	2 21	21 50	0 19	2 23	2 38	8 7	0 33	14 57	0 29	7 32	16 45	9 7	9 29	24 17	16 41	6 43
S 19	3 11	28 20	4 58	6 23	0s13	22 39	4 48	25 33	2 20	21 52	0 19	2 25	2 38	8 8	0 33	14 58	0 29	7 31	16 45	9 8	9 30	24 15	16 41	6 42
M20	3 34	27 41	4 27	6 29	0 26	22 54	4 53	25 30	2 19	21 53	0 19	2 27	2 38	8 9	0 33	14 58	0 29	7 30	16 45	9 9	9 31	24 13	16 42	6 42
T 21	3 58	25 14	3 38	6 32	0 39	23 9	4 57	25 27	2 18	21 54	0 19	2 29	2 38	8 11	0 33	14 58	0 29	7 30	16 45	9 8	9 32	24 11	16 42	6 41
W22	4 21	21 12	2 37	6 33	0 51	23 24	5 2	25 25	2 17	21 56	0 19	2 30	2 38	8 12	0 33	14 59	0 29	7 29	16 45	9 8	9 34	24 9	16 43	6 41
T 23	4 44	15 56	1 25	6 32	1 3	23 37	5 6	25 22	2 16	21 57	0 19	2 32	2 38	8 13	0 33	14 59	0 29	7 29	16 45	9 7	9 35	24 7	16 43	6 40
F 24	5 7	9 47	0 8	6 28	1 13	23 50	5 10	25 18	2 15	21 59	0 18	2 34	2 38	8 14	0 33	14 59	0 29	7 28	16 44	9 7	9 36	24 5	16 44	6 40
S 25	5 30	3 11	1n 9	6 22	1 24	24 3	5 14	25 15	2 14	22 0	0 18	2 36	2 38	8 16	0 33	14 59	0 29	7 28	16 44	9 7	9 37	24 3	16 44	6 39
S 26	5 53	3n30	2 21	6 14	1 33	24 15	5 18	25 12	2 13	22 2	0 18	2 37	2 38	8 17	0 33	15 0	0 29	7 27	16 44	9 8	9 38	24 1	16 45	6 39
M27	6 16	9 55	3 23	6 4	1 43	24 26	5 22	25 8	2 12	22 3	0 18	2 39	2 38	8 18	0 33	15 0	0 29	7 27	16 44	9 10	9 39	23 59	16 45	6 38
T 28	6 38	15 45	4 12	5 52	1 51	24 37	5 25	25 5	2 11	22 5	0 18	2 41	2 38	8 19	0 33	15 0	0 29	7 26	16 44	9 12	9 41	23 57	16 46	6 37
W29	7 1	20 41	4 47	5 39	1 59	24 47	5 28	25 1	2 10	22 6	0 18	2 43	2 38	8 21	0 33	15 0	0 29	7 25	16 44	9 15	9 42	23 55	16 46	6 37
T 30	7 23	24 31	5 5	5 23	2 6	24 56	5 32	24 58	2 10	22 8	0 18	2 44	2 38	8 22	0 33	15 1	0 29	7 25	16 44	9 17	9 43	23 53	16 46	6 36
F 31	7n45	27n 3	5n 8	5s 6	2s12	25n 5	5n34	24n54	2n 9	22n 9	0s17	2n46	2n38	8n23	0s33	15n 1	0n29	7s24	16s44	9s20	9s44	23n51	16n47	6s36

Julian Day Number = 2304786.5, Delta T = 91.26 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'57, Lahiri = 18°14'58 Julian Calendar 1 March 1598 == Greg. Calendar 11 March 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

APRIL 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 15 35	20♈46'15	22♊11	23♓19	27♉56	14♋24	13♊26	29°R 3	22♈54	20°R54	20♈46	5°R55	4♓51	27♋20	5♋44	S 1
S 2	13 19 31	21°44'54	4♋19	24°24	28°18	14°52	13°37	28♍59	22°57	20♎53	20°47	5♓51	4°48	27°27	5°47	S 2
M 3	13 23 28	22°43'31	16°15	25°31	28°37	15°21	13°48	28°55	23° 1	20°53	20°49	5°49	4°45	27°34	5°50	M 3
T 4	13 27 25	23°42'05	28° 6	26°40	28°55	15°50	13°59	28°51	23° 4	20°52	20°50	5°D49	4°42	27°40	5°53	T 4
W 5	13 31 21	24°40'37	9♎56	27°52	29°11	16°18	14°10	28°47	23° 8	20°52	20°51	5°50	4°38	27°47	5°56	W 5
T 6	13 35 18	25°39'08	21°51	29° 7	29°24	16°48	14°21	28°43	23°11	20°51	20°53	5°51	4°35	27°54	5°59	T 6
F 7	13 39 14	26°37'35	3♍55	0♈23	29°36	17°17	14°32	28°39	23°15	20°51	20°54	5°R52	4°32	28° 1	6° 3	F 7
S 8	13 43 11	27°36'01	16°13	1°42	29°45	17°46	14°44	28°35	23°18	20°50	20°56	5°52	4°29	28° 7	6° 6	S 8
S 9	13 47 7	28°34'25	28°48	3° 2	29°52	18°16	14°55	28°31	23°21	20°50	20°57	5°49	4°26	28°14	6°10	S 9
M10	13 51 4	29°32'47	11♎43	4°25	29°57	18°45	15° 7	28°28	23°25	20°49	20°58	5°44	4°23	28°21	6°13	M10
T 11	13 55 0	0♉31'06	24°59	5°50	29°59	19°15	15°18	28°24	23°28	20°49	21° 0	5°37	4°19	28°27	6°17	T 11
W12	13 58 57	1°29'24	8♏33	7°17	29°R59	19°45	15°30	28°20	23°32	20°49	21° 1	5°29	4°16	28°34	6°21	W12
T 13	14 2 53	2°27'41	22°24	8°46	29°57	20°15	15°41	28°17	23°35	20°48	21° 3	5°19	4°13	28°41	6°25	T 13
F 14	14 6 50	3°25'55	6♐27	10°16	29°52	20°45	15°53	28°13	23°39	20°48	21° 4	5°10	4°10	28°47	6°29	F 14
S 15	14 10 47	4°24'08	20°38	11°49	29°45	21°15	16° 5	28°10	23°42	20°48	21° 5	5° 3	4° 7	28°54	6°33	S 15
S 16	14 14 43	5°22'20	4♑53	13°24	29°35	21°46	16°17	28° 7	23°45	20°48	21° 7	4°57	4° 4	29° 1	6°37	S 16
M17	14 18 40	6°20'30	19° 7	15° 0	29°23	22°16	16°29	28° 4	23°49	20°47	21° 8	4°53	4° 0	29° 7	6°41	M17
T 18	14 22 36	7°18'38	3♒18	16°38	29° 9	22°47	16°41	28° 1	23°52	20°47	21° 9	4°D52	3°57	29°14	6°45	T 18
W19	14 26 33	8°16'45	17°25	18°18	28°52	23°18	16°53	27°58	23°56	20°47	21°11	4°52	3°54	29°21	6°49	W19
T 20	14 30 29	9°14'51	1♓26	20° 1	28°32	23°49	17° 5	27°55	23°59	20°47	21°12	4°R53	3°51	29°27	6°54	T 20
F 21	14 34 26	10°12'55	15°21	21°45	28°11	24°20	17°17	27°52	24° 2	20°47	21°13	4°52	3°48	29°34	6°58	F 21
S 22	14 38 23	11°10'58	29° 8	23°30	27°47	24°51	17°30	27°49	24° 6	20°D47	21°15	4°50	3°44	29°41	7° 2	S 22
S 23	14 42 19	12° 8'59	12♈46	25°18	27°21	25°22	17°42	27°46	24° 9	20°47	21°16	4°45	3°41	29°47	7° 7	S 23
M24	14 46 16	13° 6'59	26°15	27° 8	26°54	25°54	17°55	27°44	24°12	20°47	21°17	4°38	3°38	29°54	7°11	M24
T 25	14 50 12	14° 4'58	9♉31	28°59	26°24	26°25	18° 7	27°41	24°16	20°47	21°19	4°28	3°35	0♌ 1	7°16	T 25
W26	14 54 9	15° 2'55	22°34	0♊53	25°53	26°57	18°20	27°39	24°19	20°47	21°20	4°16	3°32	0° 7	7°21	W26
T 27	14 58 5	16° 0'50	5♊21	2°48	25°20	27°28	18°32	27°36	24°22	20°47	21°21	4° 4	3°29	0°14	7°26	T 27
F 28	15 2 2	16°58'44	17°53	4°45	24°45	28° 0	18°45	27°34	24°25	20°48	21°23	3°52	3°25	0°21	7°30	F 28
S 29	15 5 58	17°56'36	0♋10	6°44	24°10	28°32	18°57	27°32	24°29	20°48	21°24	3°42	3°22	0°27	7°35	S 29
S 30	15 9 55	18♉54'27	12♋14	8♉45	23♉34	29♋ 4	19♊10	27♍30	24♈32	20♎48	21♈25	3♓35	3♓19	0♎34	7♋40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 8	28n12	4n57	4s47	2s18	25n13	5n37	24n50	2n 8	22n11	0s17	2n47	2n38	8n25	0s33	15n 1	0n29	7s24	16s44	9s22	9s45	23n49	16n47	6s35
S 2	8 30	27 57	4 32	4 26	2 24	25 20	5 39	24 46	2 7	22 12	0 17	2 49	2 38	8 26	0 33	15 1	0 29	7 23	16 44	9 23	9 46	23 47	16 48	6 35
M 3	8 52	26 24	3 56	4 3	2 28	25 26	5 41	24 42	2 6	22 14	0 17	2 51	2 38	8 27	0 33	15 1	0 29	7 23	16 44	9 24	9 48	23 45	16 48	6 34
T 4	9 13	23 41	3 10	3 40	2 33	25 32	5 43	24 37	2 5	22 15	0 17	2 52	2 38	8 28	0 33	15 2	0 29	7 22	16 44	9 24	9 49	23 43	16 48	6 34
W 5	9 35	19 58	2 15	3 14	2 36	25 37	5 45	24 33	2 4	22 16	0 17	2 54	2 37	8 30	0 33	15 2	0 29	7 22	16 44	9 24	9 50	23 41	16 49	6 33
T 6	9 56	15 26	1 15	2 47	2 39	25 41	5 46	24 28	2 3	22 18	0 17	2 55	2 37	8 31	0 33	15 2	0 29	7 21	16 44	9 23	9 51	23 39	16 49	6 33
F 7	10 18	10 16	0 11	2 19	2 42	25 45	5 46	24 24	2 2	22 19	0 16	2 57	2 37	8 32	0 33	15 2	0 29	7 21	16 44	9 23	9 52	23 37	16 49	6 32
S 8	10 39	4 36	0s55	1 49	2 43	25 47	5 47	24 19	2 1	22 21	0 16	2 58	2 37	8 34	0 33	15 2	0 29	7 20	16 44	9 23	9 53	23 35	16 50	6 32
S 9	11 0	1s22	2 0	1 18	2 45	25 49	5 47	24 14	2 1	22 22	0 16	2 59	2 37	8 35	0 33	15 2	0 29	7 20	16 44	9 24	9 54	23 33	16 50	6 31
M10	11 20	7 25	3 0	0 46	2 45	25 49	5 47	24 9	2 0	22 24	0 16	3 1	2 37	8 36	0 33	15 3	0 29	7 19	16 44	9 26	9 56	23 31	16 50	6 31
T 11	11 41	13 17	3 52	0 12	2 45	25 49	5 46	24 4	1 59	22 25	0 16	3 2	2 37	8 37	0 33	15 3	0 29	7 19	16 44	9 28	9 57	23 28	16 51	6 30
W12	12 1	18 40	4 32	0n22	2 45	25 48	5 44	23 59	1 58	22 26	0 16	3 3	2 37	8 39	0 33	15 3	0 29	7 19	16 44	9 31	9 58	23 26	16 51	6 30
T 13	12 21	23 11	4 57	0 58	2 44	25 46	5 43	23 54	1 57	22 28	0 16	3 5	2 36	8 40	0 33	15 3	0 29	7 18	16 44	9 35	9 59	23 24	16 51	6 29
F 14	12 41	26 26	5 5	1 36	2 42	25 42	5 40	23 48	1 56	22 29	0 16	3 6	2 36	8 41	0 33	15 3	0 29	7 18	16 45	9 38	10 0	23 22	16 52	6 29
S 15	13 1	28 3	4 54	2 14	2 40	25 38	5 38	23 43	1 55	22 31	0 15	3 7	2 36	8 42	0 33	15 3	0 29	7 17	16 45	9 41	10 1	23 20	16 52	6 28
S 16	13 21	27 48	4 24	2 53	2 37	25 33	5 34	23 37	1 55	22 32	0 15	3 8	2 36	8 44	0 33	15 3	0 29	7 17	16 45	9 43	10 3	23 18	16 52	6 28
M17	13 40	25 44	3 39	3 33	2 34	25 26	5 30	23 31	1 54	22 33	0 15	3 9	2 36	8 45	0 33	15 3	0 29	7 16	16 45	9 44	10 4	23 16	16 52	6 27
T 18	13 59	22 3	2 40	4 15	2 30	25 18	5 26	23 25	1 53	22 35	0 15	3 10	2 36	8 46	0 33	15 3	0 29	7 16	16 45	9 45	10 5	23 14	16 53	6 27
W19	14 18	17 6	1 32	4 57	2 26	25 10	5 21	23 19	1 52	22 36	0 15	3 12	2 36	8 47	0 33	15 3	0 29	7 16	16 45	9 45	10 6	23 12	16 53	6 27
T 20	14 37	11 17	0 18	5 40	2 21	25 0	5 15	23 13	1 51	22 37	0 15	3 13	2 35	8 49	0 33	15 3	0 29	7 15	16 45	9 45	10 7	23 9	16 53	6 26
F 21	14 55	4 56	0n55	6 24	2 16	24 49	5 9	23 7	1 50	22 39	0 15	3 14	2 35	8 50	0 33	15 3	0 29	7 15	16 45	9 45	10 8	23 7	16 53	6 26
S 22	15 13	1n34	2 5	7 8	2 10	24 36	5 2	23 0	1 50	22 40	0 15	3 14	2 35	8 51	0 33	15 3	0 29	7 14	16 45	9 46	10 10	23 5	16 54	6 25
S 23	15 31	7 56	3 7	7 54	2 3	24 23	4 54	22 54	1 49	22 41	0 14	3 15	2 35	8 52	0 33	15 3	0 29	7 14	16 45	9 47	10 11	23 3	16 54	6 25
M24	15 49	13 50	3 57	8 40	1 57	24 8	4 46	22 47	1 48	22 42	0 14	3 16	2 35	8 54	0 33	15 3	0 29	7 14	16 45	9 50	10 12	23 1	16 54	6 24
T 25	16 6	19 1	4 34	9 26	1 49	23 53	4 37	22 40	1 47	22 44	0 14	3 17	2 35	8 55	0 33	15 3	0 29	7 13	16 46	9 54	10 13	22 59	16 54	6 24
W26	16 23	23 13	4 55	10 13	1 42	23 36	4 28	22 33	1 46	22 45	0 14	3 18	2 34	8 56	0 33	15 3	0 29	7 13	16 46	9 58	10 14	22 57	16 54	6 24
T 27	16 40	26 11	5 2	11 1	1 33	23 18	4 17	22 26	1 46	22 46	0 14	3 19	2 34	8 57	0 33	15 3	0 29	7 13	16 46	10 2	10 15	22 54	16 54	6 23
F 28	16 57	27 48	4 53	11 48	1 25	22 59	4 7	22 19	1 45	22 47	0 14	3 19	2 34	8 58	0 33	15 3	0 29	7 12	16 46	10 7	10 16	22 52	16 55	6 23
S 29	17 13	28 0	4 31	12 36	1 16	22 39	3 56	22 12	1 44	22 48	0 14	3 20	2 34	9 0	0 33	15 3	0 29	7 12	16 46	10 10	10 18	22 50	16 55	6 22
S 30	17n29	26n51	3n56	13n24	1s 6	22n19	3n44	22n 5	1n43	22n50	0s14	3n21	2n34	9n 1	0s33	15n 3	0n29	7s12	16s46	10s13	10s19	22n48	16n55	6s22

Julian Day Number = 2304817.5, Delta T = 91.14 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'01, Lahiri = 18°15'02 Julian Calendar 1 Apr. 1598 == Greg. Calendar 11 Apr. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

MAY 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 13 52	19♉52'15	24♋ 9	10♉48	22°R57	29♋36	19♊23	27°R28	24♈35	20♌48	21♈26	3°R30	3♓16	0♌41	7♋45	M 1
T 2	15 17 48	20°50'02	5♌59	12°52	22♉19	0♌ 8	19°36	27♍26	24°38	20°49	21°28	3♓27	3°13	0°47	7°50	T 2
W 3	15 21 45	21°47'48	17°48	14°58	21°41	0°41	19°49	27°24	24°41	20°49	21°29	3°D26	3°10	0°54	7°55	W 3
T 4	15 25 41	22°45'32	29°43	17° 5	21° 4	1°13	20° 2	27°23	24°44	20°49	21°30	3°R26	3° 6	1° 1	8° 1	T 4
F 5	15 29 38	23°43'14	11♍47	19°13	20°26	1°46	20°15	27°21	24°48	20°50	21°31	3°26	3° 3	1° 7	8° 6	F 5
S 6	15 33 34	24°40'54	24° 7	21°23	19°49	2°18	20°28	27°20	24°51	20°50	21°33	3°25	3° 0	1°14	8°11	S 6
S 7	15 37 31	25°38'33	6♎47	23°33	19°13	2°51	20°41	27°18	24°54	20°51	21°34	3°21	2°57	1°21	8°16	S 7
M 8	15 41 27	26°36'11	19°51	25°44	18°38	3°24	20°54	27°17	24°57	20°51	21°35	3°15	2°54	1°27	8°22	M 8
T 9	15 45 24	27°33'47	3♏19	27°56	18° 3	3°56	21° 7	27°16	25° 0	20°52	21°36	3° 7	2°50	1°34	8°27	T 9
W10	15 49 21	28°31'21	17°12	0♊ 8	17°31	4°29	21°20	27°15	25° 3	20°52	21°37	2°56	2°47	1°41	8°33	W10
T 11	15 53 17	29°28'55	1♐25	2°19	17° 0	5° 2	21°33	27°14	25° 6	20°53	21°38	2°45	2°44	1°47	8°38	T 11
F 12	15 57 14	0♊26'27	15°54	4°31	16°30	5°35	21°46	27°13	25° 9	20°54	21°40	2°33	2°41	1°54	8°44	F 12
S 13	16 1 10	1°23'59	0♑32	6°41	16° 3	6° 8	22° 0	27°12	25°12	20°54	21°41	2°23	2°38	2° 1	8°49	S 13
S 14	16 5 7	2°21'29	15°10	8°51	15°37	6°42	22°13	27°11	25°15	20°55	21°42	2°16	2°35	2° 7	8°55	S 14
M15	16 9 3	3°18'59	29°44	11° 0	15°14	7°15	22°26	27°11	25°18	20°56	21°43	2°11	2°31	2°14	9° 1	M15
T 16	16 13 0	4°16'27	14♒ 7	13° 7	14°53	7°48	22°39	27°10	25°20	20°56	21°44	2° 9	2°28	2°21	9° 6	T 16
W17	16 16 56	5°13'55	28°18	15°13	14°34	8°22	22°53	27°10	25°23	20°57	21°45	2° 8	2°25	2°27	9°12	W17
T 18	16 20 53	6°11'22	12♓15	17°16	14°17	8°55	23° 6	27° 9	25°26	20°58	21°46	2° 8	2°22	2°34	9°18	T 18
F 19	16 24 50	7° 8'49	25°58	19°18	14° 3	9°29	23°20	27° 9	25°29	20°59	21°47	2° 8	2°19	2°41	9°24	F 19
S 20	16 28 46	8° 6'15	9♈28	21°18	13°52	10° 3	23°33	27°D 9	25°32	21° 0	21°48	2° 5	2°16	2°47	9°30	S 20
S 21	16 32 43	9° 3'40	22°47	23°16	13°42	10°37	23°46	27° 9	25°34	21° 1	21°49	1°59	2°12	2°54	9°36	S 21
M22	16 36 39	10° 1'04	5♉53	25°11	13°36	11°10	24° 0	27° 9	25°37	21° 2	21°50	1°51	2° 9	3° 1	9°42	M22
T 23	16 40 36	10°58'28	18°48	27° 4	13°31	11°44	24°13	27° 9	25°40	21° 3	21°51	1°41	2° 6	3° 7	9°48	T 23
W24	16 44 32	11°55'51	1♊31	28°54	13°D29	12°18	24°27	27°10	25°42	21° 4	21°52	1°28	2° 3	3°14	9°54	W24
T 25	16 48 29	12°53'14	14° 2	0♋42	13°29	12°52	24°41	27°10	25°45	21° 5	21°53	1°15	2° 0	3°21	10° 0	T 25
F 26	16 52 25	13°50'35	26°22	2°28	13°32	13°27	24°54	27°11	25°48	21° 6	21°54	1° 3	1°56	3°27	10° 6	F 26
S 27	16 56 22	14°47'56	8♋30	4°11	13°37	14° 1	25° 8	27°11	25°50	21° 7	21°55	0°52	1°53	3°34	10°12	S 27
S 28	17 0 19	15°45'16	20°29	5°51	13°44	14°35	25°21	27°12	25°53	21° 8	21°56	0°44	1°50	3°41	10°18	S 28
M29	17 4 15	16°42'35	2♌20	7°29	13°53	15° 9	25°35	27°13	25°55	21° 9	21°57	0°38	1°47	3°47	10°24	M29
T 30	17 8 12	17°39'54	14° 8	9° 4	14° 4	15°44	25°48	27°14	25°58	21°10	21°58	0°34	1°44	3°54	10°31	T 30
W31	17 12 8	18♊37'11	25♌56	10♋37	14♉17	16♌18	26♊ 2	27♍15	26♈ 0	21♌11	21♈59	0°D33	1♓41	4♌ 1	10♋37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n45	24n29	3n12	14n12	0s57	21n57	3n31	21n57	1n42	22n51	0s13	3n21	2n34	9n 2	0s33	15n 3	0n29	7s11	16s46	10s15	10s20	22n46	16n55	6s22
T 2	18 0	21 5	2 20	15 0	0 47	21 35	3 19	21 49	1 42	22 52	0 13	3 22	2 33	9 3	0 33	15 3	0 29	7 11	16 47	10 16	10 21	22 43	16 55	6 21
W 3	18 15	16 50	1 22	15 47	0 36	21 13	3 6	21 42	1 41	22 53	0 13	3 22	2 33	9 4	0 33	15 3	0 29	7 11	16 47	10 16	10 22	22 41	16 55	6 21
T 4	18 30	11 55	0 20	16 33	0 26	20 50	2 52	21 34	1 40	22 54	0 13	3 23	2 33	9 5	0 33	15 2	0 29	7 10	16 47	10 16	10 23	22 39	16 55	6 21
F 5	18 45	6 29	0s44	17 19	0 16	20 27	2 38	21 26	1 39	22 55	0 13	3 23	2 33	9 7	0 33	15 2	0 29	7 10	16 47	10 16	10 24	22 37	16 55	6 20
S 6	18 59	0 42	1 47	18 4	0 5	20 3	2 25	21 18	1 39	22 56	0 13	3 24	2 33	9 8	0 33	15 2	0 29	7 10	16 47	10 17	10 26	22 35	16 55	6 20
S 7	19 13	5s15	2 47	18 48	0n 6	19 39	2 10	21 9	1 38	22 57	0 13	3 24	2 32	9 9	0 33	15 2	0 29	7 10	16 47	10 18	10 27	22 32	16 55	6 20
M 8	19 26	11 9	3 39	19 30	0 16	19 16	1 56	21 1	1 37	22 58	0 13	3 25	2 32	9 10	0 33	15 2	0 29	7 9	16 48	10 20	10 28	22 30	16 55	6 19
T 9	19 40	16 44	4 21	20 10	0 26	18 53	1 42	20 52	1 36	22 59	0 13	3 25	2 32	9 11	0 33	15 2	0 29	7 9	16 48	10 23	10 29	22 28	16 55	6 19
W10	19 53	21 37	4 49	20 49	0 37	18 30	1 28	20 44	1 36	23 0	0 12	3 25	2 32	9 12	0 33	15 1	0 29	7 9	16 48	10 27	10 30	22 26	16 55	6 19
T 11	20 5	25 23	5 0	21 26	0 46	18 7	1 13	20 35	1 35	23 1	0 12	3 25	2 31	9 13	0 33	15 1	0 29	7 9	16 48	10 31	10 31	22 23	16 55	6 18
F 12	20 17	27 35	4 52	22 1	0 56	17 45	0 59	20 26	1 34	23 2	0 12	3 25	2 31	9 14	0 33	15 1	0 29	7 8	16 48	10 35	10 32	22 21	16 55	6 18
S 13	20 29	27 55	4 25	22 33	1 5	17 24	0 45	20 17	1 33	23 3	0 12	3 26	2 31	9 15	0 33	15 1	0 29	7 8	16 49	10 39	10 34	22 19	16 55	6 18
S 14	20 41	26 17	3 41	23 2	1 14	17 3	0 31	20 8	1 33	23 4	0 12	3 26	2 31	9 16	0 33	15 1	0 29	7 8	16 49	10 41	10 35	22 17	16 55	6 17
M15	20 52	22 54	2 42	23 30	1 22	16 43	0 18	19 59	1 32	23 5	0 12	3 26	2 31	9 17	0 33	15 0	0 29	7 8	16 49	10 43	10 36	22 14	16 55	6 17
T 16	21 3	18 7	1 34	23 54	1 29	16 25	0 5	19 50	1 31	23 6	0 12	3 26	2 30	9 18	0 33	15 0	0 29	7 8	16 49	10 44	10 37	22 12	16 55	6 17
W17	21 13	12 25	0 20	24 16	1 36	16 7	0s 8	19 40	1 30	23 6	0 12	3 26	2 30	9 20	0 33	15 0	0 29	7 7	16 49	10 44	10 38	22 10	16 55	6 17
T 18	21 23	6 10	0n53	24 35	1 42	15 50	0 21	19 31	1 30	23 7	0 12	3 26	2 30	9 21	0 33	15 0	0 29	7 7	16 50	10 44	10 39	22 8	16 54	6 16
F 19	21 33	0n16	2 2	24 51	1 48	15 34	0 33	19 21	1 29	23 8	0 11	3 25	2 30	9 22	0 33	14 59	0 29	7 7	16 50	10 45	10 40	22 5	16 54	6 16
S 20	21 43	6 34	3 4	25 5	1 53	15 19	0 45	19 11	1 28	23 9	0 11	3 25	2 30	9 23	0 33	14 59	0 29	7 7	16 50	10 45	10 42	22 3	16 54	6 16
S 21	21 52	12 29	3 54	25 16	1 57	15 5	0 57	19 1	1 28	23 10	0 11	3 25	2 29	9 23	0 33	14 59	0 29	7 7	16 50	10 47	10 43	22 1	16 54	6 16
M22	22 0	17 46	4 31	25 24	2 0	14 53	1 8	18 51	1 27	23 10	0 11	3 25	2 29	9 24	0 33	14 58	0 29	7 7	16 51	10 50	10 44	21 58	16 54	6 15
T 23	22 8	22 9	4 53	25 30	2 2	14 41	1 19	18 41	1 26	23 11	0 11	3 24	2 29	9 25	0 33	14 58	0 29	7 7	16 51	10 54	10 45	21 56	16 54	6 15
W24	22 16	25 25	5 0	25 34	2 4	14 31	1 29	18 31	1 25	23 12	0 11	3 24	2 29	9 26	0 33	14 58	0 29	7 6	16 51	10 59	10 46	21 54	16 53	6 15
T 25	22 24	27 23	4 53	25 35	2 5	14 21	1 39	18 20	1 25	23 12	0 11	3 24	2 28	9 27	0 33	14 57	0 29	7 6	16 51	11 3	10 47	21 51	16 53	6 15
F 26	22 31	27 59	4 32	25 34	2 5	14 13	1 48	18 10	1 24	23 13	0 11	3 23	2 28	9 28	0 33	14 57	0 29	7 6	16 52	11 8	10 48	21 49	16 53	6 15
S 27	22 38	27 12	3 59	25 31	2 5	14 6	1 57	17 59	1 23	23 14	0 11	3 23	2 28	9 29	0 33	14 57	0 29	7 6	16 52	11 11	10 50	21 47	16 53	6 14
S 28	22 44	25 9	3 16	25 25	2 4	14 0	2 6	17 49	1 23	23 14	0 11	3 22	2 28	9 30	0 33	14 56	0 29	7 6	16 52	11 14	10 51	21 44	16 52	6 14
M29	22 50	22 1	2 24	25 18	2 2	13 55	2 14	17 38	1 22	23 15	0 10	3 22	2 27	9 31	0 33	14 56	0 29	7 6	16 52	11 17	10 52	21 42	16 52	6 14
T 30	22 55	18 0	1 26	25 10	1 59	13 50	2 22	17 27	1 21	23 15	0 10	3 21	2 27	9 32	0 33	14 56	0 29	7 6	16 53	11 18	10 53	21 40	16 52	6 14
W31	23n 0	13n17	0n25	24n59	1n56	13n47	2s29	17n16	1n20	23n16	0s10	3n21	2n27	9n33	0s33	14n55	0n29	7s 6	16s53	11s18	10s54	21n37	16n52	6s14

Julian Day Number = 2304847.5, Delta T = 91.03 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'05, Lahiri = 18°15'06 Julian Calendar 1 May 1598 == Greg. Calendar 11 May 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

JUNE 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 16 5	19♊34'28	7♍49	12♋ 7	14♉33	16♌53	26♊16	27♍16	26♈ 2	21♌13	21♈59	0♓33	1♓37	4♌ 7	10♋43	T 1
F 2	17 20 1	20°31'44	19°52	13°34	14°50	17°28	26°29	27°17	26° 5	21°14	22° 0	0°R34	1°34	4°14	10°49	F 2
S 3	17 23 58	21°28'59	2♎11	14°59	15° 9	18° 2	26°43	27°18	26° 7	21°15	22° 1	0°33	1°31	4°21	10°56	S 3
S 4	17 27 54	22°26'13	14°50	16°21	15°30	18°37	26°57	27°20	26° 9	21°17	22° 2	0°31	1°28	4°27	11° 2	S 4
M 5	17 31 51	23°23'26	27°55	17°40	15°52	19°12	27°10	27°21	26°11	21°18	22° 3	0°27	1°25	4°34	11° 8	M 5
T 6	17 35 48	24°20'39	11♏27	18°56	16°17	19°47	27°24	27°23	26°14	21°19	22° 3	0°20	1°22	4°41	11°15	T 6
W 7	17 39 44	25°17'51	25°27	20°10	16°42	20°22	27°38	27°25	26°16	21°21	22° 4	0°11	1°18	4°47	11°21	W 7
T 8	17 43 41	26°15'03	9♐53	21°21	17°10	20°57	27°51	27°26	26°18	21°22	22° 5	0° 2	1°15	4°54	11°28	T 8
F 9	17 47 37	27°12'15	24°39	22°28	17°39	21°32	28° 5	27°28	26°20	21°24	22° 6	29♒53	1°12	5° 1	11°34	F 9
S 10	17 51 34	28° 9'26	9♑37	23°33	18° 9	22° 7	28°19	27°30	26°22	21°25	22° 6	29°44	1° 9	5° 7	11°41	S 10
S 11	17 55 30	29° 6'37	24°37	24°34	18°41	22°42	28°32	27°33	26°24	21°27	22° 7	29°38	1° 6	5°14	11°47	S 11
M12	17 59 27	0♋ 3'48	9♒32	25°33	19°14	23°17	28°46	27°35	26°26	21°28	22° 8	29°34	1° 2	5°21	11°54	M12
T 13	18 3 24	1° 0'59	24°13	26°27	19°49	23°53	29° 0	27°37	26°28	21°30	22° 8	29°D33	0°59	5°27	12° 0	T 13
W14	18 7 20	1°58'10	8♓37	27°19	20°25	24°28	29°13	27°39	26°30	21°31	22° 9	29°33	0°56	5°34	12° 7	W14
T 15	18 11 17	2°55'20	22°41	28° 7	21° 2	25° 3	29°27	27°42	26°31	21°33	22° 9	29°34	0°53	5°40	12°13	T 15
F 16	18 15 13	3°52'32	6♈24	28°51	21°40	25°39	29°41	27°44	26°33	21°34	22°10	29°R34	0°50	5°47	12°20	F 16
S 17	18 19 10	4°49'43	19°48	29°32	22°19	26°15	29°54	27°47	26°35	21°36	22°11	29°33	0°47	5°54	12°27	S 17
S 18	18 23 6	5°46'55	2♉55	0♌ 9	22°59	26°50	0♋ 8	27°50	26°37	21°38	22°11	29°30	0°43	6° 0	12°33	S 18
M19	18 27 3	6°44'06	15°46	0°42	23°41	27°26	0°21	27°53	26°38	21°39	22°12	29°25	0°40	6° 7	12°40	M19
T 20	18 30 59	7°41'19	28°25	1°10	24°23	28° 2	0°35	27°56	26°40	21°41	22°12	29°17	0°37	6°14	12°46	T 20
W21	18 34 56	8°38'31	10♊51	1°35	25° 6	28°37	0°49	27°59	26°42	21°43	22°13	29° 9	0°34	6°20	12°53	W21
T 22	18 38 53	9°35'44	23° 7	1°55	25°50	29°13	1° 2	28° 2	26°43	21°44	22°13	29° 0	0°31	6°27	13° 0	T 22
F 23	18 42 49	10°32'57	5♋13	2°10	26°35	29°49	1°16	28° 5	26°45	21°46	22°13	28°51	0°28	6°34	13° 6	F 23
S 24	18 46 46	11°30'10	17°12	2°21	27°21	0♍25	1°29	28° 8	26°46	21°48	22°14	28°43	0°24	6°40	13°13	S 24
S 25	18 50 42	12°27'23	29° 5	2°27	28° 8	1° 1	1°43	28°12	26°47	21°50	22°14	28°37	0°21	6°47	13°20	S 25
M26	18 54 39	13°24'36	10♌53	2°R29	28°56	1°37	1°56	28°15	26°49	21°52	22°15	28°34	0°18	6°54	13°26	M26
T 27	18 58 35	14°21'50	22°39	2°25	29°44	2°13	2°10	28°19	26°50	21°53	22°15	28°32	0°15	7° 0	13°33	T 27
W28	19 2 32	15°19'03	4♍28	2°17	0♊33	2°50	2°23	28°22	26°51	21°55	22°15	28°D32	0°12	7° 7	13°40	W28
T 29	19 6 28	16°16'17	16°21	2° 4	1°22	3°26	2°37	28°26	26°53	21°57	22°16	28°33	0° 8	7°14	13°46	T 29
F 30	19 10 25	17♋13'31	28♍25	1♌47	2♊13	4♍ 2	2♋50	28♍30	26♈54	21♌59	22♈16	28♒35	0♓ 5	7♌20	13♋53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	8n 4	0s39	24n47	1n51	13n45	2s36	17n 5	1n20	23n16	0s10	3n20	2n27	9n33	0s34	14n55	0n29	7s 6	16s53	11s18	10s55	21n35	16n51	6s14
F 2	23 9	2 29	1 41	24 34	1 47	13 44	2 43	16 53	1 19	23 17	0 10	3 19	2 27	9 34	0 34	14 54	0 29	7 6	16 54	11 18	10 56	21 33	16 51	6 13
S 3	23 13	3s19	2 40	24 20	1 41	13 43	2 49	16 42	1 18	23 17	0 10	3 19	2 26	9 35	0 34	14 54	0 29	7 6	16 54	11 18	10 58	21 30	16 50	6 13
S 4	23 17	9 8	3 33	24 4	1 35	13 44	2 55	16 31	1 18	23 18	0 10	3 18	2 26	9 36	0 34	14 54	0 29	7 6	16 54	11 19	10 59	21 28	16 50	6 13
M 5	23 20	14 45	4 17	23 47	1 28	13 45	3 1	16 19	1 17	23 18	0 10	3 17	2 26	9 37	0 34	14 53	0 29	7 6	16 54	11 20	11 0	21 25	16 50	6 13
T 6	23 22	19 51	4 48	23 29	1 21	13 47	3 6	16 7	1 16	23 18	0 10	3 16	2 26	9 38	0 34	14 53	0 29	7 6	16 55	11 23	11 1	21 23	16 49	6 13
W 7	23 25	24 4	5 3	23 11	1 13	13 49	3 11	15 56	1 16	23 19	0 10	3 15	2 25	9 38	0 34	14 52	0 29	7 6	16 55	11 26	11 2	21 21	16 49	6 13
T 8	23 26	26 55	4 59	22 51	1 4	13 53	3 15	15 44	1 15	23 19	0 9	3 14	2 25	9 39	0 34	14 52	0 29	7 6	16 55	11 29	11 3	21 18	16 49	6 13
F 9	23 28	27 59	4 36	22 31	0 55	13 57	3 19	15 32	1 14	23 19	0 9	3 13	2 25	9 40	0 34	14 51	0 29	7 6	16 56	11 32	11 4	21 16	16 48	6 13
S 10	23 29	27 2	3 54	22 11	0 45	14 1	3 23	15 20	1 14	23 20	0 9	3 12	2 25	9 40	0 34	14 51	0 29	7 6	16 56	11 35	11 5	21 13	16 48	6 12
S 11	23 29	24 7	2 55	21 50	0 35	14 7	3 27	15 8	1 13	23 20	0 9	3 11	2 25	9 41	0 34	14 50	0 29	7 6	16 56	11 37	11 7	21 11	16 47	6 12
M12	23 30	19 36	1 45	21 28	0 24	14 12	3 30	14 55	1 12	23 20	0 9	3 10	2 24	9 42	0 34	14 50	0 29	7 6	16 57	11 39	11 8	21 9	16 47	6 12
T 13	23 29	13 56	0 29	21 7	0 12	14 19	3 33	14 43	1 12	23 20	0 9	3 9	2 24	9 43	0 34	14 49	0 29	7 6	16 57	11 39	11 9	21 6	16 46	6 12
W14	23 29	7 37	0n48	20 45	0 0	14 25	3 36	14 31	1 11	23 21	0 9	3 8	2 24	9 43	0 34	14 49	0 29	7 6	16 57	11 39	11 10	21 4	16 46	6 12
T 15	23 28	1 4	2 1	20 23	0s12	14 33	3 38	14 18	1 10	23 21	0 9	3 7	2 24	9 44	0 34	14 48	0 29	7 6	16 58	11 39	11 11	21 1	16 45	6 12
F 16	23 26	5n22	3 4	20 2	0 25	14 40	3 40	14 5	1 10	23 21	0 9	3 6	2 23	9 44	0 34	14 48	0 29	7 6	16 58	11 39	11 12	20 59	16 45	6 12
S 17	23 24	11 24	3 56	19 40	0 38	14 48	3 42	13 53	1 9	23 21	0 9	3 4	2 23	9 45	0 34	14 47	0 29	7 7	16 58	11 39	11 13	20 57	16 44	6 12
S 18	23 22	16 48	4 34	19 19	0 52	14 57	3 44	13 40	1 8	23 21	0 8	3 3	2 23	9 46	0 34	14 47	0 29	7 7	16 58	11 40	11 15	20 54	16 43	6 12
M19	23 19	21 21	4 58	18 58	1 6	15 6	3 46	13 27	1 8	23 21	0 8	3 2	2 23	9 46	0 34	14 46	0 29	7 7	16 59	11 42	11 16	20 52	16 43	6 12
T 20	23 16	24 49	5 6	18 38	1 20	15 15	3 47	13 14	1 7	23 21	0 8	3 0	2 23	9 47	0 34	14 46	0 29	7 7	16 59	11 45	11 17	20 49	16 42	6 12
W21	23 13	27 4	5 0	18 19	1 35	15 24	3 48	13 1	1 6	23 21	0 8	2 59	2 22	9 47	0 34	14 45	0 29	7 7	16 59	11 48	11 18	20 47	16 42	6 12
T 22	23 9	27 59	4 40	18 0	1 50	15 33	3 49	12 48	1 6	23 21	0 8	2 57	2 22	9 48	0 34	14 45	0 29	7 7	17 0	11 51	11 19	20 44	16 41	6 12
F 23	23 4	27 31	4 8	17 42	2 5	15 43	3 49	12 34	1 5	23 21	0 8	2 56	2 22	9 48	0 34	14 44	0 29	7 7	17 0	11 54	11 20	20 42	16 40	6 12
S 24	23 0	25 46	3 24	17 25	2 20	15 53	3 50	12 21	1 4	23 21	0 8	2 55	2 22	9 49	0 34	14 43	0 29	7 8	17 0	11 57	11 21	20 39	16 40	6 12
S 25	22 55	22 52	2 32	17 9	2 35	16 3	3 50	12 8	1 4	23 21	0 8	2 53	2 22	9 49	0 34	14 43	0 29	7 8	17 1	11 59	11 22	20 37	16 39	6 12
M26	22 49	19 3	1 34	16 54	2 49	16 13	3 50	11 54	1 3	23 21	0 8	2 51	2 21	9 50	0 34	14 42	0 29	7 8	17 1	12 0	11 23	20 34	16 38	6 12
T 27	22 43	14 30	0 32	16 40	3 4	16 24	3 50	11 40	1 2	23 21	0 8	2 50	2 21	9 50	0 34	14 42	0 29	7 8	17 2	12 1	11 25	20 32	16 38	6 12
W28	22 37	9 24	0s32	16 28	3 18	16 34	3 49	11 27	1 2	23 21	0 8	2 48	2 21	9 51	0 34	14 41	0 29	7 8	17 2	12 1	11 26	20 29	16 37	6 12
T 29	22 30	3 56	1 35	16 18	3 32	16 45	3 49	11 13	1 1	23 21	0 7	2 47	2 21	9 51	0 34	14 40	0 29	7 8	17 2	12 0	11 27	20 27	16 36	6 12
F 30	22n23	1s44	2s35	16n 9	3s45	16n55	3s48	10n59	1n 0	23n20	0s 7	2n45	2n21	9n52	0s34	14n40	0n29	7s 9	17s 3	12s 0	11s28	20n24	16n36	6s12

Julian Day Number = 2304878.5, Delta T = 90.91 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'10, Lahiri = 18°15'10 Julian Calendar 1 June 1598 == Greg. Calendar 11 June 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

JULY 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 14 22	18♋10'44	10♎43	1°R25	3♊ 4	4♍39	3♋ 4	28♍34	26♈55	22♌ 1	22♈16	28♒36	0♓ 2	7♌27	14♋ 0	S 1
S 2	19 18 18	19° 7'58	23°20	0♌59	3°55	5°15	3°17	28°38	26°56	22° 3	22°16	28°R36	29♒59	7°34	14° 6	S 2
M 3	19 22 15	20° 5'13	6♏21	0°29	4°48	5°51	3°30	28°42	26°57	22° 5	22°17	28°35	29°56	7°40	14°13	M 3
T 4	19 26 11	21° 2'27	19°50	29♋56	5°40	6°28	3°44	28°46	26°58	22° 7	22°17	28°32	29°53	7°47	14°19	T 4
W 5	19 30 8	21°59'42	3♐47	29°19	6°34	7° 5	3°57	28°50	26°59	22° 9	22°17	28°28	29°49	7°54	14°26	W 5
T 6	19 34 4	22°56'57	18°11	28°40	7°28	7°41	4°10	28°54	27° 0	22°11	22°17	28°23	29°46	8° 0	14°33	T 6
F 7	19 38 1	23°54'12	3♑ 0	27°59	8°22	8°18	4°23	28°59	27° 0	22°13	22°17	28°18	29°43	8° 7	14°39	F 7
S 8	19 41 57	24°51'28	18° 4	27°17	9°17	8°55	4°37	29° 3	27° 1	22°15	22°17	28°13	29°40	8°14	14°46	S 8
S 9	19 45 54	25°48'45	3♒17	26°35	10°13	9°32	4°50	29° 8	27° 2	22°17	22°17	28°10	29°37	8°20	14°53	S 9
M10	19 49 51	26°46'02	18°26	25°53	11° 9	10° 8	5° 3	29°12	27° 3	22°19	22°18	28° 9	29°34	8°27	14°59	M10
T 11	19 53 47	27°43'20	3♓24	25°11	12° 5	10°45	5°16	29°17	27° 3	22°21	22°18	28°D 8	29°30	8°34	15° 6	T 11
W12	19 57 44	28°40'39	18° 4	24°32	13° 2	11°22	5°29	29°22	27° 4	22°23	22°18	28° 9	29°27	8°40	15°12	W12
T 13	20 1 40	29°37'59	2♈20	23°55	13°59	11°59	5°42	29°26	27° 4	22°25	22°R18	28°11	29°24	8°47	15°19	T 13
F 14	20 5 37	0♌35'19	16°12	23°21	14°57	12°36	5°55	29°31	27° 5	22°27	22°18	28°12	29°21	8°54	15°25	F 14
S 15	20 9 33	1°32'41	29°39	22°51	15°55	13°14	6° 8	29°36	27° 5	22°29	22°18	28°R13	29°18	9° 0	15°32	S 15
S 16	20 13 30	2°30'05	12♉43	22°25	16°54	13°51	6°21	29°41	27° 6	22°31	22°18	28°12	29°14	9° 7	15°39	S 16
M17	20 17 26	3°27'29	25°29	22° 5	17°53	14°28	6°34	29°46	27° 6	22°33	22°17	28°11	29°11	9°14	15°45	M17
T 18	20 21 23	4°24'55	7♊57	21°50	18°52	15° 5	6°47	29°51	27° 6	22°35	22°17	28° 8	29° 8	9°20	15°51	T 18
W19	20 25 20	5°22'21	20°12	21°41	19°52	15°43	6°59	29°57	27° 7	22°38	22°17	28° 5	29° 5	9°27	15°58	W19
T 20	20 29 16	6°19'49	2♋17	21°D38	20°52	16°20	7°12	0♎ 2	27° 7	22°40	22°17	28° 1	29° 2	9°33	16° 4	T 20
F 21	20 33 13	7°17'18	14°14	21°41	21°53	16°57	7°25	0° 7	27° 7	22°42	22°17	27°58	28°59	9°40	16°11	F 21
S 22	20 37 9	8°14'49	26° 6	21°51	22°53	17°35	7°37	0°13	27° 7	22°44	22°17	27°55	28°55	9°47	16°17	S 22
S 23	20 41 6	9°12'20	7♌54	22° 8	23°55	18°13	7°50	0°18	27°R 7	22°46	22°17	27°53	28°52	9°53	16°24	S 23
M24	20 45 2	10° 9'52	19°41	22°32	24°56	18°50	8° 2	0°24	27° 7	22°48	22°16	27°52	28°49	10° 0	16°30	M24
T 25	20 48 59	11° 7'25	1♍30	23° 2	25°58	19°28	8°15	0°29	27° 7	22°51	22°16	27°D52	28°46	10° 7	16°36	T 25
W26	20 52 55	12° 5'00	13°22	23°39	27° 0	20° 6	8°27	0°35	27° 7	22°53	22°16	27°52	28°43	10°13	16°43	W26
T 27	20 56 52	13° 2'35	25°21	24°23	28° 2	20°43	8°40	0°41	27° 7	22°55	22°16	27°54	28°40	10°20	16°49	T 27
F 28	21 0 49	14° 0'11	7♎29	25°13	29° 4	21°21	8°52	0°46	27° 7	22°57	22°15	27°55	28°36	10°27	16°55	F 28
S 29	21 4 45	14°57'49	19°50	26°10	0♋ 7	21°59	9° 4	0°52	27° 6	22°59	22°15	27°56	28°33	10°33	17° 1	S 29
S 30	21 8 42	15°55'27	2♏29	27°13	1°10	22°37	9°16	0°58	27° 6	23° 2	22°15	27°57	28°30	10°40	17° 7	S 30
M31	21 12 38	16♌53'06	15♏28	28♋22	2♋14	23♍15	9♋28	1♎ 4	27♈ 6	23♌ 4	22♈14	27°R57	28♒27	10♌47	17♋14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n15	7s27	3s29	16n 1	3s58	17n 6	3s48	10n45	1n 0	23n20	0s 7	2n43	2n20	9n52	0s34	14n39	0n29	7s 9	17s 3	11s59	11s29	20n22	16n35	6s12
S 2	22 7	13 1	4 15	15 55	4 10	17 16	3 47	10 31	0 59	23 20	0 7	2 41	2 20	9 52	0 34	14 39	0 29	7 9	17 3	11 59	11 30	20 19	16 34	6 12
M 3	21 59	18 12	4 49	15 51	4 20	17 27	3 45	10 17	0 58	23 20	0 7	2 40	2 20	9 53	0 34	14 38	0 29	7 9	17 4	12 0	11 31	20 17	16 33	6 13
T 4	21 51	22 40	5 8	15 49	4 30	17 37	3 44	10 3	0 58	23 19	0 7	2 38	2 20	9 53	0 34	14 37	0 29	7 10	17 4	12 1	11 32	20 14	16 33	6 13
W 5	21 42	26 2	5 10	15 48	4 38	17 48	3 43	9 49	0 57	23 19	0 7	2 36	2 20	9 53	0 34	14 37	0 29	7 10	17 4	12 2	11 34	20 12	16 32	6 13
T 6	21 32	27 50	4 53	15 49	4 45	17 58	3 41	9 35	0 56	23 19	0 7	2 34	2 19	9 54	0 34	14 36	0 29	7 10	17 5	12 4	11 35	20 9	16 31	6 13
F 7	21 22	27 44	4 17	15 52	4 50	18 8	3 40	9 20	0 56	23 19	0 7	2 32	2 19	9 54	0 34	14 35	0 29	7 10	17 5	12 6	11 36	20 7	16 30	6 13
S 8	21 12	25 36	3 22	15 57	4 54	18 18	3 38	9 6	0 55	23 18	0 7	2 30	2 19	9 54	0 34	14 35	0 29	7 11	17 5	12 7	11 37	20 4	16 29	6 13
S 9	21 2	21 36	2 12	16 3	4 55	18 28	3 36	8 51	0 54	23 18	0 7	2 28	2 19	9 54	0 34	14 34	0 29	7 11	17 6	12 8	11 38	20 2	16 29	6 13
M10	20 51	16 10	0 53	16 11	4 56	18 38	3 34	8 37	0 54	23 17	0 6	2 26	2 19	9 55	0 34	14 33	0 29	7 11	17 6	12 9	11 39	19 59	16 28	6 13
T 11	20 40	9 50	0n29	16 20	4 54	18 48	3 32	8 22	0 53	23 17	0 6	2 24	2 18	9 55	0 34	14 33	0 29	7 12	17 6	12 9	11 40	19 57	16 27	6 14
W12	20 28	3 5	1 47	16 30	4 51	18 57	3 29	8 7	0 52	23 17	0 6	2 22	2 18	9 55	0 34	14 32	0 29	7 12	17 7	12 9	11 41	19 54	16 26	6 14
T 13	20 16	3n38	2 57	16 41	4 46	19 6	3 27	7 53	0 52	23 16	0 6	2 20	2 18	9 55	0 34	14 31	0 29	7 12	17 7	12 8	11 42	19 51	16 25	6 14
F 14	20 4	9 59	3 54	16 53	4 39	19 15	3 24	7 38	0 51	23 16	0 6	2 18	2 18	9 55	0 34	14 31	0 29	7 13	17 7	12 8	11 44	19 49	16 24	6 14
S 15	19 52	15 40	4 36	17 6	4 31	19 24	3 22	7 23	0 51	23 15	0 6	2 16	2 18	9 55	0 34	14 30	0 29	7 13	17 8	12 7	11 45	19 46	16 23	6 14
S 16	19 39	20 30	5 3	17 20	4 21	19 33	3 19	7 8	0 50	23 15	0 6	2 14	2 18	9 56	0 34	14 29	0 29	7 13	17 8	12 8	11 46	19 44	16 22	6 14
M17	19 26	24 15	5 14	17 34	4 10	19 41	3 16	6 53	0 49	23 14	0 6	2 12	2 17	9 56	0 34	14 29	0 29	7 14	17 8	12 8	11 47	19 41	16 22	6 15
T 18	19 12	26 47	5 10	17 48	3 58	19 49	3 13	6 38	0 49	23 14	0 6	2 9	2 17	9 56	0 34	14 28	0 29	7 14	17 9	12 9	11 48	19 39	16 21	6 15
W19	18 58	27 58	4 51	18 3	3 45	19 56	3 11	6 23	0 48	23 13	0 6	2 7	2 17	9 56	0 35	14 27	0 29	7 14	17 9	12 10	11 49	19 36	16 20	6 15
T 20	18 44	27 49	4 20	18 17	3 30	20 4	3 7	6 8	0 47	23 12	0 5	2 5	2 17	9 56	0 35	14 27	0 29	7 15	17 9	12 11	11 50	19 33	16 19	6 15
F 21	18 29	26 21	3 38	18 31	3 16	20 11	3 4	5 53	0 47	23 12	0 5	2 3	2 17	9 56	0 35	14 26	0 29	7 15	17 10	12 12	11 51	19 31	16 18	6 15
S 22	18 15	23 42	2 47	18 45	3 0	20 17	3 1	5 37	0 46	23 11	0 5	2 0	2 17	9 56	0 35	14 25	0 29	7 15	17 10	12 13	11 52	19 28	16 17	6 16
S 23	18 0	20 4	1 48	18 58	2 44	20 23	2 58	5 22	0 45	23 10	0 5	1 58	2 17	9 56	0 35	14 25	0 29	7 16	17 10	12 14	11 54	19 26	16 16	6 16
M24	17 44	15 40	0 45	19 10	2 28	20 29	2 55	5 7	0 45	23 10	0 5	1 56	2 16	9 56	0 35	14 24	0 29	7 16	17 11	12 15	11 55	19 23	16 15	6 16
T 25	17 29	10 39	0s20	19 22	2 12	20 35	2 51	4 51	0 44	23 9	0 5	1 53	2 16	9 56	0 35	14 23	0 29	7 17	17 11	12 15	11 56	19 20	16 14	6 16
W26	17 13	5 15	1 25	19 32	1 55	20 40	2 48	4 36	0 44	23 8	0 5	1 51	2 16	9 56	0 35	14 22	0 29	7 17	17 11	12 14	11 57	19 18	16 13	6 17
T 27	16 56	0s23	2 26	19 40	1 39	20 45	2 44	4 20	0 43	23 8	0 5	1 48	2 16	9 56	0 35	14 22	0 29	7 17	17 12	12 14	11 58	19 15	16 12	6 17
F 28	16 40	6 4	3 22	19 48	1 22	20 49	2 41	4 5	0 42	23 7	0 5	1 46	2 16	9 56	0 35	14 21	0 29	7 18	17 12	12 14	11 59	19 12	16 11	6 17
S 29	16 23	11 38	4 10	19 53	1 6	20 53	2 37	3 49	0 42	23 6	0 5	1 44	2 16	9 56	0 35	14 20	0 29	7 18	17 12	12 13	12 0	19 10	16 10	6 18
S 30	16 6	16 50	4 47	19 56	0 50	20 56	2 33	3 34	0 41	23 6	0 5	1 41	2 16	9 55	0 35	14 20	0 29	7 19	17 13	12 13	12 1	19 7	16 9	6 18
M31	15n49	21s26	5s10	19n58	0s35	20n59	2s30	3n18	0n40	23n 5	0s 4	1n39	2n15	9n55	0s35	14n19	0n29	7s19	17s13	12s13	12s 2	19n 5	16n 8	6s18

Julian Day Number = 2304908.5, Delta T = 90.80 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'14, Lahiri = 18°15'14 Julian Calendar 1 July 1598 == Greg. Calendar 11 July 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

AUGUST 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 16 35	17♌50'47	28♏50	29♋37	3♋17	23♍53	9♋40	1♎10	27°R 5	23♌ 6	22°R14	27°R57	28♒24	10♌53	17♋20	T 1
W 2	21 20 31	18°48'28	12♐38	0♌58	4°21	24°31	9°52	1°16	27♈ 5	23° 8	22♈13	27♒56	28°20	11° 0	17°26	W 2
T 3	21 24 28	19°46'11	26°52	2°24	5°25	25°10	10° 4	1°22	27° 4	23°11	22°13	27°55	28°17	11° 7	17°32	T 3
F 4	21 28 24	20°43'55	11♑29	3°55	6°30	25°48	10°16	1°28	27° 4	23°13	22°13	27°55	28°14	11°13	17°38	F 4
S 5	21 32 21	21°41'40	26°26	5°30	7°34	26°26	10°28	1°35	27° 3	23°15	22°12	27°54	28°11	11°20	17°44	S 5
S 6	21 36 18	22°39'26	11♒34	7°10	8°39	27° 4	10°40	1°41	27° 3	23°17	22°12	27°53	28° 8	11°27	17°50	S 6
M 7	21 40 14	23°37'13	26°45	8°53	9°44	27°43	10°51	1°47	27° 2	23°19	22°11	27°D53	28° 5	11°33	17°56	M 7
T 8	21 44 11	24°35'02	11♓50	10°39	10°49	28°21	11° 3	1°53	27° 1	23°22	22°11	27°53	28° 1	11°40	18° 2	T 8
W 9	21 48 7	25°32'53	26°39	12°29	11°55	29° 0	11°14	2° 0	27° 1	23°24	22°10	27°54	27°58	11°47	18° 7	W 9
T 10	21 52 4	26°30'45	11♈ 7	14°20	13° 1	29°38	11°26	2° 6	27° 0	23°26	22°10	27°54	27°55	11°53	18°13	T 10
F 11	21 56 0	27°28'39	25° 9	16°14	14° 6	0♎17	11°37	2°13	26°59	23°28	22° 9	27°R54	27°52	12° 0	18°19	F 11
S 12	21 59 57	28°26'34	8♉44	18° 9	15°13	0°55	11°48	2°19	26°58	23°31	22° 8	27°54	27°49	12° 6	18°25	S 12
S 13	22 3 53	29°24'32	21°53	20° 6	16°19	1°34	12° 0	2°26	26°57	23°33	22° 8	27°54	27°46	12°13	18°30	S 13
M14	22 7 50	0♍22'32	4♊39	22° 3	17°25	2°13	12°11	2°32	26°56	23°35	22° 7	27°D54	27°42	12°20	18°36	M14
T 15	22 11 47	1°20'33	17° 5	24° 1	18°32	2°52	12°22	2°39	26°55	23°37	22° 6	27°54	27°39	12°26	18°41	T 15
W16	22 15 43	2°18'37	29°16	25°59	19°39	3°31	12°33	2°46	26°54	23°39	22° 6	27°54	27°36	12°33	18°47	W16
T 17	22 19 40	3°16'42	11♋15	27°57	20°46	4°10	12°43	2°52	26°53	23°42	22° 5	27°55	27°33	12°40	18°52	T 17
F 18	22 23 36	4°14'49	23° 6	29°54	21°53	4°49	12°54	2°59	26°52	23°44	22° 4	27°55	27°30	12°46	18°58	F 18
S 19	22 27 33	5°12'58	4♌54	1♍51	23° 1	5°28	13° 5	3° 6	26°50	23°46	22° 4	27°56	27°26	12°53	19° 3	S 19
S 20	22 31 29	6°11'09	16°41	3°48	24° 8	6° 7	13°15	3°13	26°49	23°48	22° 3	27°57	27°23	13° 0	19° 9	S 20
M21	22 35 26	7° 9'22	28°31	5°44	25°16	6°46	13°26	3°20	26°48	23°50	22° 2	27°R57	27°20	13° 6	19°14	M21
T 22	22 39 22	8° 7'36	10♍25	7°39	26°24	7°25	13°36	3°26	26°46	23°53	22° 1	27°56	27°17	13°13	19°19	T 22
W23	22 43 19	9° 5'52	22°26	9°33	27°32	8° 4	13°47	3°33	26°45	23°55	22° 1	27°56	27°14	13°20	19°24	W23
T 24	22 47 16	10° 4'10	4♎36	11°26	28°40	8°44	13°57	3°40	26°44	23°57	22° 0	27°54	27°11	13°26	19°29	T 24
F 25	22 51 12	11° 2'30	16°56	13°18	29°49	9°23	14° 7	3°47	26°42	23°59	21°59	27°53	27° 7	13°33	19°34	F 25
S 26	22 55 9	12° 0'51	29°28	15°10	0♌57	10° 3	14°17	3°54	26°41	24° 1	21°58	27°51	27° 4	13°40	19°39	S 26
S 27	22 59 5	12°59'14	12♏15	17° 0	2° 6	10°42	14°27	4° 1	26°39	24° 3	21°57	27°49	27° 1	13°46	19°44	S 27
M28	23 3 2	13°57'39	25°17	18°49	3°15	11°22	14°36	4° 8	26°37	24° 5	21°57	27°47	26°58	13°53	19°49	M28
T 29	23 6 58	14°56'05	8♐38	20°36	4°24	12° 1	14°46	4°16	26°36	24° 8	21°56	27°D46	26°55	13°59	19°54	T 29
W30	23 10 55	15°54'33	22°19	22°23	5°33	12°41	14°56	4°23	26°34	24°10	21°55	27°46	26°51	14° 6	19°59	W30
T 31	23 14 51	16♍53'02	6♑20	24♍ 9	6♌42	13♎21	15♋ 5	4♎30	26♈32	24♌12	21♈54	27♒47	26♒48	14♌13	20♋ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n31	25s 6	5s17	19n57	0s20	21n 1	2s26	3n 2	0n40	23n 4	0s 4	1n36	2n15	9n55	0s35	14n18	0n29	7s19	17s13	12s13	12s 4	19n 2	16n 7	6s19
W 2	15 13	27 26	5 7	19 53	0 6	21 3	2 22	2 47	0 39	23 3	0 4	1 34	2 15	9 55	0 35	14 17	0 29	7 20	17 14	12 13	12 5	18 59	16 5	6 19
T 3	14 55	28 5	4 38	19 47	0n 7	21 5	2 18	2 31	0 38	23 2	0 4	1 31	2 15	9 55	0 35	14 17	0 29	7 20	17 14	12 13	12 6	18 57	16 4	6 19
F 4	14 37	26 49	3 50	19 39	0 20	21 6	2 14	2 15	0 38	23 2	0 4	1 29	2 15	9 55	0 35	14 16	0 29	7 21	17 14	12 14	12 7	18 54	16 3	6 20
S 5	14 18	23 38	2 46	19 28	0 32	21 7	2 10	1 59	0 37	23 1	0 4	1 26	2 15	9 54	0 35	14 15	0 29	7 21	17 15	12 14	12 8	18 51	16 2	6 20
S 6	14 0	18 47	1 29	19 13	0 43	21 7	2 6	1 44	0 37	23 0	0 4	1 23	2 15	9 54	0 35	14 14	0 29	7 22	17 15	12 14	12 9	18 49	16 1	6 20
M 7	13 41	12 43	0 6	18 57	0 54	21 6	2 2	1 28	0 36	22 59	0 4	1 21	2 15	9 54	0 35	14 14	0 29	7 22	17 15	12 14	12 10	18 46	16 0	6 21
T 8	13 21	5 58	1n17	18 37	1 3	21 5	1 58	1 12	0 35	22 58	0 4	1 18	2 14	9 54	0 35	14 13	0 29	7 23	17 16	12 14	12 11	18 43	15 59	6 21
W 9	13 2	1n 1	2 33	18 15	1 12	21 4	1 54	0 56	0 35	22 57	0 4	1 16	2 14	9 53	0 35	14 12	0 29	7 23	17 16	12 14	12 12	18 41	15 58	6 21
T 10	12 42	7 45	3 38	17 50	1 19	21 2	1 50	0 40	0 34	22 57	0 4	1 13	2 14	9 53	0 35	14 12	0 29	7 24	17 16	12 14	12 13	18 38	15 57	6 22
F 11	12 23	13 54	4 27	17 22	1 26	20 59	1 46	0 24	0 33	22 56	0 3	1 10	2 14	9 53	0 35	14 11	0 29	7 24	17 16	12 14	12 15	18 35	15 56	6 22
S 12	12 3	19 11	5 0	16 52	1 31	20 56	1 42	0 8	0 33	22 55	0 3	1 8	2 14	9 52	0 35	14 10	0 29	7 25	17 17	12 14	12 16	18 33	15 54	6 22
S 13	11 42	23 22	5 16	16 20	1 36	20 52	1 38	0s 8	0 32	22 54	0 3	1 5	2 14	9 52	0 35	14 9	0 29	7 25	17 17	12 14	12 17	18 30	15 53	6 23
M14	11 22	26 17	5 16	15 46	1 40	20 48	1 34	0 24	0 32	22 53	0 3	1 2	2 14	9 51	0 35	14 9	0 29	7 25	17 17	12 14	12 18	18 27	15 52	6 23
T 15	11 1	27 51	5 0	15 10	1 43	20 44	1 30	0 40	0 31	22 52	0 3	0 59	2 14	9 51	0 35	14 8	0 29	7 26	17 18	12 14	12 19	18 24	15 51	6 24
W16	10 41	28 1	4 32	14 32	1 45	20 38	1 26	0 56	0 30	22 51	0 3	0 57	2 14	9 51	0 35	14 7	0 29	7 26	17 18	12 14	12 20	18 22	15 50	6 24
T 17	10 20	26 52	3 51	13 53	1 46	20 33	1 21	1 12	0 30	22 50	0 3	0 54	2 14	9 50	0 35	14 7	0 29	7 27	17 18	12 14	12 21	18 19	15 49	6 25
F 18	9 58	24 30	3 2	13 12	1 47	20 26	1 17	1 28	0 29	22 49	0 3	0 51	2 14	9 50	0 35	14 6	0 29	7 27	17 18	12 13	12 22	18 16	15 48	6 25
S 19	9 37	21 6	2 5	12 30	1 47	20 19	1 13	1 44	0 28	22 48	0 3	0 48	2 13	9 49	0 35	14 5	0 29	7 28	17 19	12 13	12 23	18 14	15 46	6 25
S 20	9 16	16 51	1 2	11 47	1 46	20 12	1 9	2 0	0 28	22 47	0 3	0 46	2 13	9 49	0 35	14 4	0 29	7 28	17 19	12 13	12 24	18 11	15 45	6 26
M21	8 54	11 58	0s 3	11 3	1 45	20 4	1 5	2 17	0 27	22 46	0 2	0 43	2 13	9 48	0 35	14 4	0 29	7 29	17 19	12 13	12 26	18 8	15 44	6 26
T 22	8 32	6 37	1 9	10 19	1 43	19 56	1 1	2 33	0 26	22 45	0 2	0 40	2 13	9 48	0 35	14 3	0 29	7 29	17 19	12 13	12 27	18 5	15 43	6 27
W23	8 11	1 0	2 12	9 33	1 40	19 46	0 57	2 49	0 26	22 45	0 2	0 37	2 13	9 47	0 35	14 2	0 29	7 30	17 20	12 13	12 28	18 3	15 42	6 27
T 24	7 49	4s44	3 9	8 47	1 37	19 37	0 53	3 5	0 25	22 44	0 2	0 34	2 13	9 47	0 35	14 2	0 29	7 30	17 20	12 14	12 29	18 0	15 41	6 28
F 25	7 26	10 21	3 59	8 1	1 34	19 27	0 49	3 21	0 25	22 43	0 2	0 32	2 13	9 46	0 35	14 1	0 29	7 31	17 20	12 14	12 30	17 57	15 39	6 28
S 26	7 4	15 39	4 38	7 15	1 30	19 16	0 45	3 37	0 24	22 42	0 2	0 29	2 13	9 46	0 35	14 0	0 29	7 31	17 20	12 15	12 31	17 54	15 38	6 29
S 27	6 42	20 22	5 5	6 28	1 26	19 5	0 41	3 53	0 23	22 41	0 2	0 26	2 13	9 45	0 35	13 59	0 29	7 32	17 21	12 16	12 32	17 52	15 37	6 29
M28	6 19	24 14	5 16	5 41	1 21	18 53	0 37	4 9	0 23	22 40	0 2	0 23	2 13	9 45	0 35	13 59	0 29	7 32	17 21	12 16	12 33	17 49	15 36	6 30
T 29	5 57	26 54	5 10	4 54	1 16	18 41	0 33	4 25	0 22	22 39	0 2	0 20	2 13	9 44	0 35	13 58	0 29	7 33	17 21	12 16	12 34	17 46	15 35	6 30
W30	5 34	28 3	4 48	4 7	1 11	18 28	0 29	4 41	0 21	22 38	0 2	0 17	2 13	9 43	0 35	13 57	0 29	7 33	17 21	12 16	12 35	17 43	15 33	6 31
T 31	5n11	27s28	4s 7	3n20	1n 6	18n15	0s25	4s57	0n21	22n37	0s 1	0n14	2n13	9n43	0s35	13n57	0n29	7s34	17s21	12s16	12s36	17n41	15n32	6s31

Julian Day Number = 2304939.5, Delta T = 90.68 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'18, Lahiri = 18°15'19 Julian Calendar 1 Aug. 1598 == Greg. Calendar 11 Aug. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

SEPTEMBER 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 18 48	17♍51'33	20♑40	25♍53	7♌52	14♎ 0	15♋14	4♎37	26°R31	24♌14	21°R53	27♒48	26♒45	14♌19	20♋ 8	F 1
S 2	23 22 45	18°50'06	5♒17	27°37	9° 1	14°40	15°24	4°44	26♈29	24°16	21♈52	27°50	26°42	14°26	20°13	S 2
S 3	23 26 41	19°48'41	20° 8	29°19	10°11	15°20	15°33	4°51	26°27	24°18	21°51	27°51	26°39	14°33	20°17	S 3
M 4	23 30 38	20°47'17	5♓ 5	1♎ 1	11°20	16° 0	15°42	4°58	26°25	24°20	21°50	27°R51	26°36	14°39	20°21	M 4
T 5	23 34 34	21°45'54	20° 1	2°41	12°30	16°40	15°51	5° 6	26°23	24°22	21°49	27°49	26°32	14°46	20°26	T 5
W 6	23 38 31	22°44'34	4♈47	4°21	13°40	17°20	15°59	5°13	26°22	24°24	21°48	27°47	26°29	14°53	20°30	W 6
T 7	23 42 27	23°43'16	19°17	5°59	14°51	18° 0	16° 8	5°20	26°20	24°26	21°47	27°44	26°26	14°59	20°34	T 7
F 8	23 46 24	24°42'00	3♉24	7°37	16° 1	18°40	16°16	5°27	26°18	24°28	21°46	27°40	26°23	15° 6	20°38	F 8
S 9	23 50 20	25°40'47	17° 5	9°13	17°11	19°20	16°25	5°35	26°16	24°30	21°45	27°36	26°20	15°13	20°43	S 9
S 10	23 54 17	26°39'35	0♊20	10°49	18°22	20° 1	16°33	5°42	26°14	24°32	21°44	27°32	26°17	15°19	20°47	S 10
M11	23 58 14	27°38'26	13°10	12°24	19°33	20°41	16°41	5°49	26°12	24°34	21°43	27°30	26°13	15°26	20°50	M11
T 12	0 2 10	28°37'19	25°38	13°57	20°43	21°21	16°49	5°57	26° 9	24°36	21°42	27°D29	26°10	15°33	20°54	T 12
W13	0 6 7	29°36'15	7♋48	15°30	21°54	22° 2	16°57	6° 4	26° 7	24°38	21°41	27°29	26° 7	15°39	20°58	W13
T 14	0 10 3	0♎35'13	19°46	17° 2	23° 5	22°42	17° 5	6°11	26° 5	24°40	21°40	27°31	26° 4	15°46	21° 2	T 14
F 15	0 14 0	1°34'13	1♌36	18°33	24°17	23°23	17°12	6°19	26° 3	24°41	21°39	27°32	26° 1	15°53	21° 5	F 15
S 16	0 17 56	2°33'15	13°23	20° 4	25°28	24° 3	17°20	6°26	26° 1	24°43	21°38	27°34	25°57	15°59	21° 9	S 16
S 17	0 21 53	3°32'20	25°11	21°33	26°39	24°44	17°27	6°33	25°59	24°45	21°37	27°R35	25°54	16° 6	21°13	S 17
M18	0 25 49	4°31'26	7♍ 5	23° 1	27°51	25°25	17°34	6°41	25°56	24°47	21°36	27°35	25°51	16°12	21°16	M18
T 19	0 29 46	5°30'35	19° 7	24°29	29° 2	26° 6	17°41	6°48	25°54	24°49	21°35	27°32	25°48	16°19	21°19	T 19
W20	0 33 43	6°29'46	1♎20	25°56	0♍14	26°46	17°48	6°56	25°52	24°51	21°34	27°28	25°45	16°26	21°22	W20
T 21	0 37 39	7°28'59	13°45	27°21	1°26	27°27	17°55	7° 3	25°50	24°52	21°33	27°22	25°42	16°32	21°26	T 21
F 22	0 41 36	8°28'14	26°23	28°46	2°38	28° 8	18° 1	7°10	25°47	24°54	21°31	27°15	25°38	16°39	21°29	F 22
S 23	0 45 32	9°27'31	9♏15	0♏10	3°49	28°49	18° 8	7°18	25°45	24°56	21°30	27° 8	25°35	16°46	21°32	S 23
S 24	0 49 29	10°26'50	22°19	1°33	5° 2	29°30	18°14	7°25	25°43	24°57	21°29	27° 1	25°32	16°52	21°35	S 24
M25	0 53 25	11°26'12	5♐35	2°55	6°14	0♏11	18°20	7°32	25°40	24°59	21°28	26°54	25°29	16°59	21°37	M25
T 26	0 57 22	12°25'34	19° 5	4°16	7°26	0°53	18°26	7°40	25°38	25° 1	21°27	26°50	25°26	17° 6	21°40	T 26
W27	1 1 18	13°24'59	2♑46	5°35	8°38	1°34	18°32	7°47	25°36	25° 2	21°26	26°48	25°23	17°12	21°43	W27
T 28	1 5 15	14°24'26	16°40	6°54	9°51	2°15	18°37	7°54	25°33	25° 4	21°25	26°D47	25°19	17°19	21°45	T 28
F 29	1 9 12	15°23'54	0♒46	8°11	11° 3	2°56	18°43	8° 2	25°31	25° 6	21°24	26°48	25°16	17°26	21°48	F 29
S 30	1 13 8	16♎23'24	15♒ 4	9♏27	12♍16	3♏38	18♋48	8♎ 9	25♈28	25♌ 7	21♈22	26♒49	25♒13	17♌32	21♋50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n49	25s 3	3s11	2n33	1n 0	18n 1	0s21	5s14	0n20	22n36	0s 1	0n12	2n13	9n42	0s35	13n56	0n29	7s34	17s22	12s16	12s37	17n38	15n31	6s32
S 2	4 26	20 57	2 1	1 46	0 54	17 46	0 17	5 30	0 20	22 35	0 1	0 9	2 13	9 41	0 35	13 55	0 29	7 35	17 22	12 15	12 39	17 35	15 30	6 32
S 3	4 3	15 29	0 42	1 0	0 48	17 31	0 13	5 46	0 19	22 34	0 1	0 6	2 13	9 41	0 35	13 55	0 29	7 36	17 22	12 15	12 40	17 32	15 29	6 33
M 4	3 40	9 3	0n40	0 13	0 41	17 16	0 9	6 2	0 18	22 33	0 1	0 3	2 13	9 40	0 35	13 54	0 29	7 36	17 22	12 15	12 41	17 30	15 28	6 34
T 5	3 16	2 8	1 59	0s33	0 35	17 0	0 6	6 17	0 18	22 32	0 1	0s 0	2 13	9 39	0 35	13 53	0 29	7 37	17 22	12 15	12 42	17 27	15 26	6 34
W 6	2 53	4n48	3 9	1 18	0 28	16 44	0 2	6 33	0 17	22 31	0 1	0 3	2 13	9 39	0 35	13 53	0 29	7 37	17 23	12 16	12 43	17 24	15 25	6 35
T 7	2 30	11 21	4 6	2 4	0 21	16 27	0n 2	6 49	0 16	22 30	0 1	0 6	2 13	9 38	0 35	13 52	0 29	7 38	17 23	12 17	12 44	17 21	15 24	6 35
F 8	2 7	17 9	4 46	2 49	0 14	16 10	0 5	7 5	0 16	22 29	0 1	0 9	2 13	9 37	0 35	13 51	0 29	7 38	17 23	12 19	12 45	17 18	15 23	6 36
S 9	1 43	21 54	5 8	3 33	0 7	15 52	0 9	7 21	0 15	22 28	0 0	0 12	2 13	9 37	0 35	13 51	0 29	7 39	17 23	12 20	12 46	17 16	15 22	6 36
S 10	1 20	25 22	5 13	4 17	0 0	15 33	0 13	7 37	0 15	22 28	0 0	0 15	2 13	9 36	0 35	13 50	0 29	7 39	17 23	12 21	12 47	17 13	15 21	6 37
M11	0 56	27 25	5 2	5 1	0s 7	15 15	0 16	7 53	0 14	22 27	0 0	0 17	2 13	9 35	0 35	13 49	0 29	7 40	17 23	12 22	12 48	17 10	15 19	6 38
T 12	0 33	28 2	4 37	5 44	0 14	14 55	0 19	8 8	0 13	22 26	0 0	0 20	2 13	9 34	0 35	13 49	0 29	7 40	17 23	12 22	12 49	17 7	15 18	6 38
W13	0 9	27 15	3 59	6 27	0 22	14 36	0 23	8 24	0 13	22 25	0 0	0 23	2 13	9 33	0 35	13 48	0 29	7 41	17 24	12 22	12 50	17 4	15 17	6 39
T 14	0s14	25 12	3 12	7 9	0 29	14 16	0 26	8 40	0 12	22 24	0n 0	0 26	2 13	9 33	0 35	13 48	0 29	7 41	17 24	12 22	12 52	17 2	15 16	6 39
F 15	0 38	22 5	2 17	7 51	0 36	13 55	0 29	8 55	0 12	22 23	0 0	0 29	2 13	9 32	0 35	13 47	0 29	7 42	17 24	12 21	12 53	16 59	15 15	6 40
S 16	1 1	18 4	1 17	8 32	0 44	13 34	0 33	9 11	0 11	22 22	0 0	0 32	2 13	9 31	0 36	13 46	0 29	7 42	17 24	12 21	12 54	16 56	15 14	6 41
S 17	1 25	13 22	0 13	9 12	0 51	13 13	0 36	9 27	0 10	22 22	0 0	0 35	2 13	9 30	0 36	13 46	0 29	7 42	17 24	12 20	12 55	16 53	15 12	6 41
M18	1 48	8 8	0s52	9 52	0 58	12 51	0 39	9 42	0 10	22 21	0 1	0 38	2 13	9 30	0 36	13 45	0 30	7 43	17 24	12 21	12 56	16 50	15 11	6 42
T 19	2 12	2 33	1 55	10 31	1 5	12 29	0 42	9 57	0 9	22 20	0 1	0 41	2 13	9 29	0 36	13 45	0 30	7 43	17 24	12 21	12 57	16 48	15 10	6 43
W20	2 35	3s11	2 53	11 10	1 12	12 7	0 45	10 13	0 8	22 19	0 1	0 44	2 13	9 28	0 36	13 44	0 30	7 44	17 24	12 23	12 58	16 45	15 9	6 43
T 21	2 59	8 53	3 44	11 48	1 20	11 44	0 48	10 28	0 8	22 18	0 1	0 46	2 13	9 27	0 36	13 44	0 30	7 44	17 24	12 25	12 59	16 42	15 8	6 44
F 22	3 22	14 20	4 26	12 25	1 27	11 21	0 51	10 43	0 7	22 18	0 1	0 49	2 13	9 26	0 36	13 43	0 30	7 45	17 24	12 27	13 0	16 39	15 7	6 44
S 23	3 45	19 15	4 54	13 1	1 34	10 57	0 53	10 59	0 7	22 17	0 1	0 52	2 13	9 25	0 36	13 42	0 30	7 45	17 25	12 30	13 1	16 36	15 6	6 45
S 24	4 9	23 20	5 8	13 36	1 40	10 33	0 56	11 14	0 6	22 16	0 1	0 55	2 13	9 24	0 36	13 42	0 30	7 46	17 25	12 32	13 2	16 33	15 5	6 46
M25	4 32	26 17	5 5	14 11	1 47	10 9	0 59	11 29	0 5	22 15	0 1	0 58	2 13	9 24	0 36	13 41	0 30	7 46	17 25	12 34	13 3	16 30	15 4	6 46
T 26	4 55	27 48	4 46	14 45	1 54	9 45	1 1	11 44	0 5	22 15	0 1	1 1	2 13	9 23	0 36	13 41	0 30	7 47	17 25	12 36	13 4	16 28	15 3	6 47
W27	5 18	27 38	4 10	15 18	2 0	9 20	1 4	11 59	0 4	22 14	0 2	1 4	2 13	9 22	0 36	13 40	0 30	7 47	17 25	12 37	13 6	16 25	15 1	6 48
T 28	5 42	25 45	3 19	15 50	2 6	8 55	1 6	12 14	0 3	22 13	0 2	1 7	2 13	9 21	0 36	13 40	0 30	7 48	17 25	12 37	13 7	16 22	15 0	6 48
F 29	6 5	22 14	2 16	16 21	2 12	8 29	1 8	12 29	0 3	22 13	0 2	1 9	2 13	9 20	0 36	13 39	0 30	7 48	17 25	12 37	13 8	16 19	14 59	6 49
S 30	6s28	17s21	1s 3	16s51	2s18	8n 4	1n11	12s43	0n 2	22n12	0n 2	1s12	2n13	9n19	0s36	13n39	0n30	7s48	17s25	12s36	13s 9	16n16	14n58	6s50

Julian Day Number = 2304970.5, Delta T = 90.57 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'22, Lahiri = 18°15'23 Julian Calendar 1 Sept. 1598 == Greg. Calendar 11 Sept. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

OCTOBER 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 17 5	17♎22'55	29♒30	10♏41	13♍28	4♏19	18♋53	8♎16	25°R26	25♌ 9	21°R21	26°R49	25♒10	17♌39	21♋52	S 1
M 2	1 21 1	18°22'28	14♓ 3	11°54	14°41	5° 1	18°58	8°24	25♈24	25°10	21♈20	26♒48	25° 7	17°45	21°55	M 2
T 3	1 24 58	19°22'03	28°37	13° 5	15°54	5°42	19° 3	8°31	25°21	25°12	21°19	26°45	25° 3	17°52	21°57	T 3
W 4	1 28 54	20°21'40	13♈ 5	14°15	17° 7	6°24	19° 8	8°38	25°19	25°13	21°18	26°39	25° 0	17°59	21°59	W 4
T 5	1 32 51	21°21'19	27°23	15°22	18°20	7° 6	19°12	8°46	25°16	25°15	21°17	26°31	24°57	18° 5	22° 1	T 5
F 6	1 36 47	22°21'01	11♉23	16°28	19°33	7°47	19°16	8°53	25°14	25°16	21°16	26°21	24°54	18°12	22° 3	F 6
S 7	1 40 44	23°20'44	25° 2	17°30	20°46	8°29	19°20	9° 0	25°11	25°17	21°14	26°12	24°51	18°19	22° 4	S 7
S 8	1 44 40	24°20'29	8♊17	18°31	21°59	9°11	19°24	9° 7	25° 9	25°19	21°13	26° 3	24°48	18°25	22° 6	S 8
M 9	1 48 37	25°20'17	21° 9	19°28	23°12	9°53	19°28	9°14	25° 6	25°20	21°12	25°56	24°44	18°32	22° 8	M 9
T 10	1 52 34	26°20'07	3♋39	20°22	24°25	10°35	19°32	9°22	25° 4	25°21	21°11	25°51	24°41	18°39	22° 9	T 10
W11	1 56 30	27°19'59	15°50	21°13	25°39	11°17	19°35	9°29	25° 1	25°23	21°10	25°48	24°38	18°45	22°10	W11
T 12	2 0 27	28°19'53	27°49	21°59	26°52	11°59	19°38	9°36	24°59	25°24	21° 9	25°D47	24°35	18°52	22°12	T 12
F 13	2 4 23	29°19'50	9♌39	22°42	28° 6	12°41	19°41	9°43	24°57	25°25	21° 8	25°47	24°32	18°59	22°13	F 13
S 14	2 8 20	0♏19'48	21°26	23°19	29°19	13°23	19°44	9°50	24°54	25°26	21° 7	25°R48	24°28	19° 5	22°14	S 14
S 15	2 12 16	1°19'49	3♍16	23°51	0♎33	14° 6	19°47	9°57	24°52	25°27	21° 5	25°48	24°25	19°12	22°15	S 15
M16	2 16 13	2°19'52	15°14	24°17	1°47	14°48	19°49	10° 4	24°49	25°28	21° 4	25°46	24°22	19°19	22°16	M16
T 17	2 20 9	3°19'57	27°23	24°36	3° 1	15°30	19°51	10°11	24°47	25°29	21° 3	25°41	24°19	19°25	22°17	T 17
W18	2 24 6	4°20'04	9♎47	24°49	4°14	16°13	19°53	10°18	24°44	25°31	21° 2	25°34	24°16	19°32	22°17	W18
T 19	2 28 3	5°20'13	22°28	24°R53	5°28	16°55	19°55	10°25	24°42	25°32	21° 1	25°25	24°13	19°38	22°18	T 19
F 20	2 31 59	6°20'24	5♏26	24°49	6°42	17°38	19°57	10°32	24°40	25°33	21° 0	25°13	24° 9	19°45	22°18	F 20
S 21	2 35 56	7°20'37	18°41	24°36	7°56	18°20	19°59	10°39	24°37	25°34	20°59	25° 1	24° 6	19°52	22°19	S 21
S 22	2 39 52	8°20'51	2♐ 9	24°13	9°10	19° 3	20° 0	10°46	24°35	25°34	20°58	24°48	24° 3	19°58	22°19	S 22
M23	2 43 49	9°21'08	15°50	23°41	10°25	19°46	20° 1	10°52	24°32	25°35	20°57	24°38	24° 0	20° 5	22°19	M23
T 24	2 47 45	10°21'26	29°39	22°58	11°39	20°28	20° 2	10°59	24°30	25°36	20°56	24°30	23°57	20°12	22°19	T 24
W25	2 51 42	11°21'45	13♑34	22° 6	12°53	21°11	20° 2	11° 6	24°28	25°37	20°54	24°24	23°54	20°18	22°R19	W25
T 26	2 55 39	12°22'06	27°34	21° 5	14° 7	21°54	20° 3	11°13	24°25	25°38	20°53	24°22	23°50	20°25	22°19	T 26
F 27	2 59 35	13°22'28	11♒37	19°57	15°21	22°37	20° 3	11°19	24°23	25°39	20°52	24°D21	23°47	20°32	22°19	F 27
S 28	3 3 32	14°22'52	25°42	18°42	16°36	23°20	20°R 3	11°26	24°21	25°39	20°51	24°R21	23°44	20°38	22°19	S 28
S 29	3 7 28	15°23'16	9♓50	17°23	17°50	24° 3	20° 3	11°32	24°19	25°40	20°50	24°21	23°41	20°45	22°18	S 29
M30	3 11 25	16°23'43	23°58	16° 2	19° 4	24°46	20° 3	11°39	24°16	25°41	20°49	24°18	23°38	20°52	22°18	M30
T 31	3 15 21	17♏24'10	8♈ 5	14♏43	20♎19	25♏29	20♋ 2	11♎45	24♈14	25♌41	20♈48	24♒13	23♒34	20♌58	22♋17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s50	11s27	0n14	17s20	2s24	7n38	1n13	12s58	0n 2	22n12	0n 2	1s15	2n13	9n18	0s36	13n38	0n30	7s49	17s25	12s36	13s10	16n13	14n57	6s51
M 2	7 13	4 53	1 31	17 48	2 29	7 12	1 15	13 12	0 1	22 11	0 2	1 18	2 13	9 17	0 36	13 38	0 30	7 49	17 25	12 36	13 11	16 10	14 56	6 51
T 3	7 36	1n56	2 42	18 15	2 34	6 45	1 17	13 27	0 0	22 10	0 2	1 21	2 13	9 17	0 36	13 37	0 30	7 50	17 25	12 38	13 12	16 8	14 55	6 52
W 4	7 58	8 35	3 42	18 40	2 38	6 19	1 19	13 41	0s 0	22 10	0 2	1 24	2 13	9 16	0 36	13 37	0 30	7 50	17 25	12 40	13 13	16 5	14 54	6 53
T 5	8 21	14 43	4 27	19 5	2 43	5 52	1 21	13 56	0 1	22 9	0 3	1 26	2 13	9 15	0 36	13 36	0 30	7 50	17 25	12 42	13 14	16 2	14 53	6 53
F 6	8 43	19 57	4 55	19 27	2 47	5 25	1 23	14 10	0 2	22 9	0 3	1 29	2 13	9 14	0 36	13 36	0 30	7 51	17 25	12 46	13 15	15 59	14 52	6 54
S 7	9 5	24 0	5 5	19 49	2 50	4 58	1 24	14 24	0 2	22 9	0 3	1 32	2 13	9 13	0 36	13 35	0 30	7 51	17 25	12 49	13 16	15 56	14 51	6 55
S 8	9 27	26 39	4 58	20 9	2 53	4 30	1 26	14 38	0 3	22 8	0 3	1 35	2 13	9 12	0 36	13 35	0 30	7 52	17 25	12 52	13 17	15 53	14 50	6 55
M 9	9 49	27 48	4 36	20 27	2 56	4 3	1 28	14 52	0 3	22 8	0 3	1 37	2 14	9 11	0 35	13 35	0 30	7 52	17 25	12 54	13 18	15 50	14 49	6 56
T 10	10 11	27 28	4 2	20 44	2 58	3 35	1 29	15 6	0 4	22 7	0 3	1 40	2 14	9 10	0 35	13 34	0 30	7 52	17 25	12 56	13 19	15 47	14 49	6 57
W11	10 33	25 48	3 17	20 59	2 59	3 7	1 30	15 19	0 5	22 7	0 3	1 43	2 14	9 9	0 35	13 34	0 30	7 53	17 25	12 57	13 20	15 44	14 48	6 58
T 12	10 54	23 0	2 24	21 12	3 0	2 39	1 32	15 33	0 5	22 7	0 3	1 46	2 14	9 9	0 35	13 33	0 30	7 53	17 25	12 57	13 21	15 41	14 47	6 58
F 13	11 16	19 15	1 25	21 23	3 0	2 11	1 33	15 46	0 6	22 6	0 4	1 48	2 14	9 8	0 35	13 33	0 30	7 53	17 25	12 57	13 23	15 39	14 46	6 59
S 14	11 37	14 45	0 23	21 32	2 59	1 42	1 34	16 0	0 6	22 6	0 4	1 51	2 14	9 7	0 35	13 33	0 30	7 54	17 25	12 57	13 24	15 36	14 45	7 0
S 15	11 58	9 43	0s40	21 38	2 57	1 14	1 35	16 13	0 7	22 6	0 4	1 54	2 14	9 6	0 35	13 32	0 30	7 54	17 24	12 57	13 25	15 33	14 44	7 0
M16	12 19	4 16	1 42	21 42	2 54	0 46	1 36	16 26	0 8	22 6	0 4	1 56	2 14	9 5	0 35	13 32	0 30	7 55	17 24	12 58	13 26	15 30	14 43	7 1
T 17	12 39	1s24	2 40	21 43	2 50	0 17	1 37	16 39	0 8	22 5	0 4	1 59	2 14	9 4	0 35	13 32	0 30	7 55	17 24	12 59	13 27	15 27	14 42	7 2
W18	13 0	7 7	3 31	21 41	2 45	0s11	1 38	16 52	0 9	22 5	0 4	2 2	2 14	9 3	0 35	13 31	0 30	7 55	17 24	13 2	13 28	15 24	14 42	7 3
T 19	13 20	12 41	4 14	21 35	2 38	0 40	1 39	17 5	0 9	22 5	0 4	2 4	2 14	9 2	0 35	13 31	0 30	7 55	17 24	13 5	13 29	15 21	14 41	7 3
F 20	13 40	17 49	4 44	21 26	2 30	1 9	1 39	17 17	0 10	22 5	0 5	2 7	2 15	9 2	0 35	13 31	0 30	7 56	17 24	13 9	13 30	15 18	14 40	7 4
S 21	14 0	22 13	5 0	21 14	2 21	1 38	1 40	17 30	0 11	22 5	0 5	2 10	2 15	9 1	0 35	13 30	0 30	7 56	17 24	13 13	13 31	15 15	14 39	7 5
S 22	14 19	25 31	4 59	20 57	2 9	2 6	1 41	17 42	0 11	22 5	0 5	2 12	2 15	9 0	0 35	13 30	0 30	7 56	17 24	13 17	13 32	15 12	14 38	7 5
M23	14 39	27 24	4 41	20 37	1 56	2 35	1 41	17 54	0 12	22 5	0 5	2 15	2 15	8 59	0 35	13 30	0 30	7 57	17 24	13 21	13 33	15 9	14 38	7 6
T 24	14 58	27 37	4 7	20 12	1 42	3 4	1 41	18 7	0 13	22 5	0 5	2 17	2 15	8 58	0 35	13 29	0 30	7 57	17 24	13 23	13 34	15 6	14 37	7 7
W25	15 16	26 5	3 18	19 43	1 26	3 32	1 42	18 18	0 13	22 5	0 5	2 20	2 15	8 57	0 35	13 29	0 30	7 57	17 23	13 25	13 35	15 3	14 36	7 8
T 26	15 35	22 56	2 17	19 10	1 8	4 1	1 42	18 30	0 14	22 5	0 5	2 22	2 15	8 56	0 35	13 29	0 30	7 57	17 23	13 26	13 36	15 0	14 36	7 8
F 27	15 53	18 25	1 7	18 33	0 49	4 30	1 42	18 42	0 14	22 5	0 6	2 25	2 15	8 56	0 35	13 29	0 30	7 58	17 23	13 26	13 37	14 57	14 35	7 9
S 28	16 11	12 52	0n 7	17 53	0 29	4 58	1 42	18 53	0 15	22 5	0 6	2 27	2 16	8 55	0 35	13 29	0 31	7 58	17 23	13 26	13 38	14 55	14 34	7 10
S 29	16 29	6 39	1 21	17 12	0 8	5 27	1 42	19 5	0 16	22 5	0 6	2 30	2 16	8 54	0 35	13 28	0 31	7 58	17 23	13 26	13 39	14 52	14 34	7 10
M30	16 47	0 7	2 30	16 29	0n12	5 55	1 42	19 16	0 16	22 5	0 6	2 32	2 16	8 53	0 35	13 28	0 31	7 58	17 23	13 27	13 40	14 49	14 33	7 11
T 31	17s 4	6n25	3n29	15s46	0n33	6s23	1n42	19s27	0s17	22n 6	0n 6	2s34	2n16	8n52	0s35	13n28	0n31	7s58	17s22	13s29	13s42	14n46	14n32	7s12

Julian Day Number = 2305000.5, Delta T = 90.46 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'26, Lahiri = 18°15'27 Julian Calendar 1 Oct. 1598 == Greg. Calendar 11 Oct. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

NOVEMBER 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 19 18	18♏24'39	22♈ 7	13°R27	21♎33	26♏12	20°R 2	11♎52	24°R12	25♌42	20°R47	24°R 4	23♒31	21♌ 5	22°R17	W 1
T 2	3 23 14	19°25'10	6♉ 0	12♏17	22°48	26°56	20♋ 1	11°58	24♈10	25°43	20♈46	23♒53	23°28	21°11	22♋16	T 2
F 3	3 27 11	20°25'41	19°42	11°15	24° 2	27°39	20° 0	12° 4	24° 8	25°43	20°45	23°41	23°25	21°18	22°15	F 3
S 4	3 31 7	21°26'15	3♊ 6	10°23	25°17	28°22	19°58	12°11	24° 6	25°44	20°44	23°27	23°22	21°25	22°14	S 4
S 5	3 35 4	22°26'50	16°13	9°41	26°32	29° 6	19°57	12°17	24° 3	25°44	20°43	23°15	23°19	21°31	22°13	S 5
M 6	3 39 1	23°27'27	28°59	9°12	27°46	29°49	19°55	12°23	24° 1	25°45	20°42	23° 4	23°15	21°38	22°12	M 6
T 7	3 42 57	24°28'05	11♋27	8°54	29° 1	0♐33	19°53	12°29	23°59	25°45	20°42	22°56	23°12	21°45	22°11	T 7
W 8	3 46 54	25°28'45	23°38	8°D47	0♏16	1°16	19°51	12°35	23°57	25°45	20°41	22°51	23° 9	21°51	22° 9	W 8
T 9	3 50 50	26°29'27	5♌36	8°52	1°31	2° 0	19°49	12°41	23°55	25°46	20°40	22°48	23° 6	21°58	22° 8	T 9
F 10	3 54 47	27°30'10	17°26	9° 7	2°45	2°44	19°46	12°47	23°53	25°46	20°39	22°47	23° 3	22° 5	22° 6	F 10
S 11	3 58 43	28°30'54	29°14	9°31	4° 0	3°27	19°44	12°53	23°52	25°46	20°38	22°47	23° 0	22°11	22° 5	S 11
S 12	4 2 40	29°31'41	11♍ 4	10° 4	5°15	4°11	19°41	12°59	23°50	25°46	20°37	22°47	22°56	22°18	22° 3	S 12
M13	4 6 37	0♐32'28	23° 2	10°44	6°30	4°55	19°38	13° 5	23°48	25°47	20°36	22°45	22°53	22°25	22° 1	M13
T 14	4 10 33	1°33'18	5♎14	11°31	7°45	5°39	19°35	13°11	23°46	25°47	20°35	22°41	22°50	22°31	21°59	T 14
W15	4 14 30	2°34'08	17°44	12°24	9° 0	6°23	19°31	13°16	23°44	25°47	20°35	22°34	22°47	22°38	21°57	W15
T 16	4 18 26	3°35'00	0♏35	13°23	10°15	7° 7	19°28	13°22	23°43	25°47	20°34	22°24	22°44	22°45	21°55	T 16
F 17	4 22 23	4°35'54	13°48	14°26	11°30	7°51	19°24	13°27	23°41	25°47	20°33	22°13	22°40	22°51	21°53	F 17
S 18	4 26 19	5°36'49	27°22	15°33	12°45	8°35	19°20	13°33	23°39	25°R47	20°32	22° 0	22°37	22°58	21°51	S 18
S 19	4 30 16	6°37'44	11♐15	16°43	14° 0	9°19	19°16	13°38	23°38	25°47	20°31	21°48	22°34	23° 4	21°48	S 19
M20	4 34 12	7°38'41	25°23	17°56	15°15	10° 4	19°11	13°44	23°36	25°47	20°31	21°37	22°31	23°11	21°46	M20
T 21	4 38 9	8°39'39	9♑39	19°12	16°30	10°48	19° 7	13°49	23°34	25°47	20°30	21°28	22°28	23°18	21°43	T 21
W22	4 42 6	9°40'38	23°59	20°30	17°45	11°32	19° 2	13°54	23°33	25°47	20°29	21°23	22°25	23°24	21°41	W22
T 23	4 46 2	10°41'38	8♒18	21°50	19° 0	12°17	18°57	13°59	23°32	25°47	20°29	21°20	22°21	23°31	21°38	T 23
F 24	4 49 59	11°42'38	22°33	23°12	20°15	13° 1	18°52	14° 4	23°30	25°47	20°28	21°D20	22°18	23°38	21°35	F 24
S 25	4 53 55	12°43'38	6♓41	24°35	21°30	13°45	18°47	14° 9	23°29	25°46	20°27	21°R20	22°15	23°44	21°32	S 25
S 26	4 57 52	13°44'39	20°42	25°59	22°45	14°30	18°41	14°14	23°27	25°46	20°27	21°20	22°12	23°51	21°30	S 26
M27	5 1 48	14°45'41	4♈36	27°24	24° 1	15°14	18°36	14°19	23°26	25°46	20°26	21°18	22° 9	23°58	21°27	M27
T 28	5 5 45	15°46'43	18°22	28°51	25°16	15°59	18°30	14°24	23°25	25°46	20°26	21°14	22° 6	24° 4	21°23	T 28
W29	5 9 41	16°47'45	1♉59	0♐18	26°31	16°44	18°24	14°28	23°24	25°45	20°25	21° 7	22° 2	24°11	21°20	W29
T 30	5 13 38	17♐48'48	15♉26	1♐45	27♏46	17♐28	18♋18	14♎33	23♈23	25♌45	20♈24	20♒58	21♒59	24♌18	21♋17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s21	12n34	4n15	15s 5	0n52	6s51	1n41	19s38	0s17	22n 6	0n 6	2s37	2n16	8n52	0s35	13n28	0n31	7s59	17s22	13s32	13s43	14n43	14n32	7s12
T 2	17 37	18 3	4 46	14 26	1 10	7 19	1 41	19 48	0 18	22 6	0 6	2 39	2 16	8 51	0 35	13 28	0 31	7 59	17 22	13 35	13 44	14 40	14 31	7 13
F 3	17 54	22 30	4 59	13 51	1 27	7 47	1 40	19 59	0 19	22 7	0 7	2 41	2 16	8 50	0 35	13 27	0 31	7 59	17 22	13 39	13 45	14 37	14 31	7 14
S 4	18 10	25 40	4 56	13 21	1 42	8 15	1 40	20 9	0 19	22 7	0 7	2 44	2 17	8 49	0 35	13 27	0 31	7 59	17 22	13 44	13 46	14 34	14 30	7 15
S 5	18 25	27 22	4 37	12 56	1 55	8 43	1 39	20 19	0 20	22 7	0 7	2 46	2 17	8 49	0 35	13 27	0 31	7 59	17 22	13 48	13 47	14 31	14 30	7 15
M 6	18 41	27 33	4 4	12 36	2 6	9 10	1 39	20 29	0 20	22 8	0 7	2 48	2 17	8 48	0 35	13 27	0 31	7 59	17 21	13 52	13 48	14 28	14 29	7 16
T 7	18 56	26 19	3 20	12 22	2 14	9 37	1 38	20 39	0 21	22 8	0 7	2 50	2 17	8 47	0 35	13 27	0 31	8 0	17 21	13 54	13 49	14 25	14 29	7 17
W 8	19 10	23 51	2 28	12 14	2 21	10 4	1 37	20 49	0 21	22 9	0 7	2 53	2 17	8 46	0 35	13 27	0 31	8 0	17 21	13 56	13 50	14 22	14 28	7 17
T 9	19 25	20 22	1 30	12 11	2 26	10 31	1 36	20 58	0 22	22 9	0 7	2 55	2 17	8 46	0 35	13 27	0 31	8 0	17 21	13 57	13 51	14 19	14 28	7 18
F 10	19 39	16 6	0 28	12 12	2 29	10 58	1 35	21 7	0 23	22 10	0 8	2 57	2 18	8 45	0 35	13 27	0 31	8 0	17 20	13 57	13 52	14 16	14 27	7 19
S 11	19 52	11 14	0s34	12 18	2 31	11 24	1 34	21 16	0 23	22 10	0 8	2 59	2 18	8 44	0 35	13 27	0 31	8 0	17 20	13 57	13 53	14 13	14 27	7 19
S 12	20 6	5 58	1 35	12 28	2 32	11 50	1 33	21 25	0 24	22 11	0 8	3 1	2 18	8 44	0 35	13 27	0 31	8 0	17 20	13 57	13 54	14 10	14 27	7 20
M13	20 19	0 26	2 33	12 41	2 31	12 16	1 32	21 34	0 24	22 11	0 8	3 3	2 18	8 43	0 35	13 26	0 31	8 0	17 20	13 58	13 55	14 7	14 26	7 20
T 14	20 31	5s13	3 25	12 58	2 29	12 41	1 31	21 42	0 25	22 12	0 8	3 5	2 18	8 42	0 35	13 26	0 31	8 0	17 19	13 59	13 56	14 4	14 26	7 21
W15	20 43	10 47	4 8	13 16	2 26	13 7	1 30	21 51	0 26	22 12	0 8	3 7	2 19	8 42	0 35	13 26	0 31	8 0	17 19	14 1	13 57	14 1	14 26	7 22
T 16	20 55	16 4	4 40	13 37	2 23	13 31	1 28	21 59	0 26	22 13	0 9	3 9	2 19	8 41	0 35	13 26	0 31	8 0	17 19	14 4	13 58	13 58	14 25	7 22
F 17	21 6	20 45	4 58	14 0	2 18	13 56	1 27	22 6	0 27	22 14	0 9	3 11	2 19	8 40	0 35	13 26	0 31	8 0	17 19	14 8	13 59	13 55	14 25	7 23
S 18	21 17	24 29	5 0	14 24	2 13	14 20	1 26	22 14	0 27	22 15	0 9	3 13	2 19	8 40	0 35	13 26	0 31	8 0	17 18	14 12	14 0	13 52	14 25	7 24
S 19	21 28	26 52	4 44	14 50	2 8	14 44	1 24	22 21	0 28	22 15	0 9	3 15	2 19	8 39	0 35	13 26	0 31	8 1	17 18	14 16	14 1	13 49	14 25	7 24
M20	21 38	27 36	4 11	15 16	2 2	15 8	1 23	22 29	0 28	22 16	0 9	3 17	2 20	8 39	0 35	13 27	0 31	8 1	17 18	14 20	14 2	13 46	14 25	7 25
T 21	21 48	26 30	3 22	15 42	1 56	15 31	1 21	22 36	0 29	22 17	0 9	3 19	2 20	8 38	0 35	13 27	0 31	8 1	17 18	14 23	14 3	13 43	14 24	7 25
W22	21 57	23 39	2 20	16 10	1 49	15 54	1 19	22 42	0 30	22 18	0 9	3 21	2 20	8 38	0 35	13 27	0 31	8 1	17 17	14 24	14 4	13 40	14 24	7 26
T 23	22 6	19 20	1 9	16 37	1 43	16 16	1 18	22 49	0 30	22 19	0 10	3 23	2 20	8 37	0 35	13 27	0 31	8 0	17 17	14 25	14 5	13 37	14 24	7 26
F 24	22 14	13 56	0n 6	17 4	1 36	16 38	1 16	22 55	0 31	22 19	0 10	3 24	2 20	8 37	0 35	13 27	0 31	8 0	17 17	14 25	14 7	13 34	14 24	7 27
S 25	22 22	7 50	1 21	17 32	1 28	16 59	1 14	23 1	0 31	22 20	0 10	3 26	2 21	8 36	0 35	13 27	0 31	8 0	17 16	14 25	14 8	13 31	14 24	7 27
S 26	22 30	1 24	2 30	17 59	1 21	17 20	1 12	23 7	0 32	22 21	0 10	3 28	2 21	8 36	0 35	13 27	0 31	8 0	17 16	14 25	14 9	13 28	14 24	7 28
M27	22 37	5n 2	3 29	18 26	1 14	17 41	1 10	23 13	0 32	22 22	0 10	3 29	2 21	8 35	0 35	13 27	0 31	8 0	17 16	14 26	14 10	13 25	14 24	7 29
T 28	22 44	11 9	4 15	18 52	1 6	18 1	1 8	23 18	0 33	22 23	0 10	3 31	2 21	8 35	0 34	13 27	0 31	8 0	17 16	14 27	14 11	13 22	14 24	7 29
W29	22 50	16 40	4 47	19 18	0 59	18 21	1 6	23 23	0 34	22 24	0 11	3 33	2 21	8 34	0 34	13 27	0 31	8 0	17 15	14 30	14 12	13 19	14 24	7 30
T 30	22s56	21n18	5n 2	19s43	0n51	18s40	1n 4	23s28	0s34	22n25	0n11	3s34	2n22	8n34	0s34	13n28	0n31	8s 0	17s15	14s32	14s13	13n15	14n24	7s30

Julian Day Number = 2305031.5, Delta T = 90.34 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'31, Lahiri = 18°15'31 Julian Calendar 1 Nov. 1598 == Greg. Calendar 11 Nov. 1598

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ASTRODIENST EPHEMERIS for the year 1598
geocentric

DECEMBER 1598 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 17 35	18♐49'52	28♉41	3♐14	29♏ 1	18♐13	18°R12	14♎37	23°R21	25°R44	20°R24	20°R47	21♒56	24♌24	21°R14	F 1
S 2	5 21 31	19°50'56	11♊44	4°42	0♐17	18°58	18♋ 6	14°42	23♈20	25♌44	20♈23	20♒35	21°53	24°31	21♋11	S 2
S 3	5 25 28	20°52'01	24°33	6°12	1°32	19°43	18° 0	14°46	23°19	25°43	20°23	20°24	21°50	24°37	21° 7	S 3
M 4	5 29 24	21°53'07	7♋ 7	7°41	2°47	20°28	17°53	14°50	23°18	25°43	20°22	20°15	21°46	24°44	21° 4	M 4
T 5	5 33 21	22°54'13	19°26	9°11	4° 2	21°13	17°46	14°54	23°17	25°42	20°22	20° 8	21°43	24°51	21° 0	T 5
W 6	5 37 17	23°55'19	1♌32	10°42	5°18	21°58	17°40	14°59	23°17	25°42	20°22	20° 4	21°40	24°57	20°57	W 6
T 7	5 41 14	24°56'26	13°28	12°13	6°33	22°43	17°33	15° 3	23°16	25°41	20°21	20° 2	21°37	25° 4	20°53	T 7
F 8	5 45 10	25°57'34	25°18	13°44	7°48	23°28	17°26	15° 7	23°15	25°41	20°21	20°D 2	21°34	25°11	20°49	F 8
S 9	5 49 7	26°58'42	7♍ 4	15°15	9° 3	24°13	17°19	15°10	23°14	25°40	20°20	20° 3	21°31	25°17	20°45	S 9
S 10	5 53 4	27°59'51	18°54	16°47	10°19	24°58	17°11	15°14	23°14	25°39	20°20	20° 4	21°27	25°24	20°42	S 10
M11	5 57 0	29° 1'01	0♎51	18°19	11°34	25°43	17° 4	15°18	23°13	25°38	20°20	20°R 4	21°24	25°31	20°38	M11
T 12	6 0 57	0♏ 2'11	13° 2	19°51	12°49	26°29	16°57	15°21	23°12	25°38	20°19	20° 3	21°21	25°37	20°34	T 12
W13	6 4 53	1° 3'21	25°30	21°23	14° 5	27°14	16°49	15°25	23°12	25°37	20°19	20° 0	21°18	25°44	20°30	W13
T 14	6 8 50	2° 4'32	8♏22	22°56	15°20	27°59	16°42	15°28	23°11	25°36	20°19	19°55	21°15	25°51	20°26	T 14
F 15	6 12 46	3° 5'44	21°39	24°29	16°35	28°45	16°34	15°31	23°11	25°35	20°19	19°48	21°12	25°57	20°22	F 15
S 16	6 16 43	4° 6'55	5♐22	26° 3	17°51	29°30	16°26	15°35	23°11	25°34	20°18	19°40	21° 8	26° 4	20°18	S 16
S 17	6 20 40	5° 8'07	19°29	27°36	19° 6	0♑16	16°18	15°38	23°10	25°33	20°18	19°32	21° 5	26°11	20°14	S 17
M18	6 24 36	6° 9'20	3♑56	29°10	20°21	1° 1	16°11	15°41	23°10	25°33	20°18	19°25	21° 2	26°17	20° 9	M18
T 19	6 28 33	7°10'32	18°37	0♑45	21°37	1°47	16° 3	15°44	23°10	25°32	20°18	19°20	20°59	26°24	20° 5	T 19
W20	6 32 29	8°11'44	3♒24	2°20	22°52	2°33	15°55	15°46	23°10	25°31	20°18	19°17	20°56	26°30	20° 1	W20
T 21	6 36 26	9°12'56	18°10	3°55	24° 7	3°18	15°47	15°49	23°10	25°30	20°18	19°D16	20°52	26°37	19°57	T 21
F 22	6 40 22	10°14'07	2♓48	5°30	25°23	4° 4	15°39	15°52	23°10	25°28	20°18	19°17	20°49	26°44	19°53	F 22
S 23	6 44 19	11°15'18	17°13	7° 6	26°38	4°50	15°31	15°54	23°D10	25°27	20°18	19°18	20°46	26°50	19°48	S 23
S 24	6 48 15	12°16'28	1♈23	8°42	27°53	5°35	15°23	15°57	23°10	25°26	20°17	19°19	20°43	26°57	19°44	S 24
M25	6 52 12	13°17'38	15°17	10°19	29° 9	6°21	15°14	15°59	23°10	25°25	20°D17	19°R20	20°40	27° 4	19°40	M25
T 26	6 56 9	14°18'47	28°55	11°56	0♑24	7° 7	15° 6	16° 1	23°10	25°24	20°17	19°19	20°37	27°10	19°35	T 26
W27	7 0 5	15°19'56	12♉16	13°34	1°39	7°53	14°58	16° 3	23°10	25°23	20°17	19°16	20°33	27°17	19°31	W27
T 28	7 4 2	16°21'04	25°24	15°12	2°55	8°39	14°50	16° 5	23°10	25°22	20°18	19°12	20°30	27°24	19°26	T 28
F 29	7 7 58	17°22'12	8♊17	16°50	4°10	9°25	14°42	16° 7	23°11	25°20	20°18	19° 7	20°27	27°30	19°22	F 29
S 30	7 11 55	18°23'19	20°58	18°29	5°25	10°11	14°34	16° 9	23°11	25°19	20°18	19° 1	20°24	27°37	19°18	S 30
S 31	7 15 51	19♑24'25	3♋26	20♑ 9	6♑41	10♑57	14♋26	16♎11	23♈11	25♌18	20♈18	18♒56	20♒21	27♌44	19♋13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	24n48	5n 1	20s 8	0n44	18s58	1n 2	23s33	0s35	22n26	0n11	3s36	2n22	8n34	0s34	13n28	0n31	8s 0	17s15	14s36	14s14	13n12	14n24	7s30
S 2	23 6	26 55	4 43	20 32	0 36	19 16	1 0	23 37	0 35	22 27	0 11	3 37	2 22	8 33	0 34	13 28	0 32	8 0	17 14	14 40	14 15	13 9	14 24	7 31
S 3	23 11	27 35	4 12	20 55	0 29	19 34	0 58	23 41	0 36	22 28	0 11	3 39	2 22	8 33	0 34	13 28	0 32	8 0	17 14	14 43	14 16	13 6	14 24	7 31
M 4	23 15	26 47	3 29	21 17	0 22	19 51	0 56	23 45	0 36	22 29	0 11	3 40	2 23	8 33	0 34	13 28	0 32	8 0	17 14	14 46	14 17	13 3	14 24	7 32
T 5	23 18	24 40	2 36	21 39	0 14	20 7	0 54	23 49	0 37	22 30	0 12	3 41	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 48	14 18	13 0	14 24	7 32
W 6	23 21	21 27	1 38	21 59	0 7	20 23	0 51	23 52	0 37	22 31	0 12	3 43	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 50	14 19	12 57	14 24	7 33
T 7	23 24	17 23	0 35	22 19	0s 0	20 39	0 49	23 55	0 38	22 32	0 12	3 44	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 50	14 20	12 54	14 24	7 33
F 8	23 26	12 40	0s28	22 37	0 7	20 53	0 47	23 58	0 38	22 33	0 12	3 45	2 24	8 32	0 34	13 29	0 32	7 59	17 12	14 50	14 21	12 51	14 24	7 33
S 9	23 28	7 32	1 31	22 55	0 14	21 8	0 44	24 1	0 39	22 34	0 12	3 47	2 24	8 31	0 34	13 29	0 32	7 59	17 12	14 50	14 22	12 48	14 24	7 34
S 10	23 29	2 7	2 29	23 11	0 21	21 21	0 42	24 3	0 39	22 35	0 12	3 48	2 24	8 31	0 34	13 30	0 32	7 59	17 12	14 50	14 23	12 45	14 25	7 34
M11	23 29	3s26	3 22	23 26	0 28	21 34	0 40	24 5	0 40	22 36	0 12	3 49	2 24	8 31	0 34	13 30	0 32	7 58	17 11	14 50	14 24	12 42	14 25	7 35
T 12	23 30	8 56	4 7	23 40	0 34	21 46	0 37	24 7	0 41	22 37	0 13	3 50	2 25	8 31	0 34	13 30	0 32	7 58	17 11	14 50	14 25	12 39	14 25	7 35
W13	23 29	14 14	4 41	23 53	0 41	21 58	0 35	24 9	0 41	22 39	0 13	3 51	2 25	8 31	0 34	13 31	0 32	7 58	17 11	14 51	14 26	12 36	14 25	7 35
T 14	23 29	19 5	5 2	24 5	0 47	22 9	0 33	24 10	0 42	22 40	0 13	3 52	2 25	8 30	0 34	13 31	0 32	7 58	17 10	14 52	14 27	12 33	14 26	7 35
F 15	23 27	23 10	5 8	24 16	0 53	22 19	0 30	24 11	0 42	22 41	0 13	3 53	2 25	8 30	0 34	13 31	0 32	7 57	17 10	14 55	14 28	12 30	14 26	7 36
S 16	23 26	26 7	4 57	24 25	0 59	22 29	0 28	24 12	0 43	22 42	0 13	3 54	2 26	8 30	0 34	13 32	0 32	7 57	17 9	14 57	14 29	12 27	14 26	7 36
S 17	23 24	27 31	4 28	24 33	1 5	22 38	0 25	24 13	0 43	22 43	0 13	3 55	2 26	8 30	0 34	13 32	0 32	7 57	17 9	15 0	14 30	12 23	14 26	7 36
M18	23 21	27 7	3 41	24 40	1 10	22 46	0 23	24 13	0 44	22 44	0 13	3 56	2 26	8 30	0 34	13 32	0 32	7 57	17 9	15 2	14 31	12 20	14 27	7 37
T 19	23 18	24 49	2 39	24 45	1 16	22 54	0 20	24 13	0 44	22 45	0 14	3 57	2 26	8 30	0 34	13 33	0 32	7 56	17 8	15 3	14 32	12 17	14 27	7 37
W20	23 14	20 49	1 25	24 49	1 21	23 0	0 18	24 13	0 45	22 46	0 14	3 58	2 27	8 30	0 34	13 33	0 32	7 56	17 8	15 4	14 33	12 14	14 28	7 37
T 21	23 10	15 31	0 6	24 52	1 26	23 7	0 15	24 12	0 45	22 47	0 14	3 59	2 27	8 30	0 34	13 33	0 32	7 56	17 8	15 5	14 34	12 11	14 28	7 37
F 22	23 6	9 22	1n13	24 53	1 30	23 12	0 13	24 11	0 46	22 48	0 14	3 59	2 27	8 30	0 34	13 34	0 32	7 55	17 7	15 4	14 35	12 8	14 28	7 37
S 23	23 1	2 49	2 26	24 53	1 35	23 17	0 10	24 10	0 46	22 49	0 14	4 0	2 28	8 30	0 34	13 34	0 32	7 55	17 7	15 4	14 36	12 5	14 29	7 38
S 24	22 56	3n45	3 29	24 51	1 39	23 21	0 8	24 9	0 47	22 51	0 14	4 1	2 28	8 30	0 34	13 34	0 32	7 55	17 7	15 4	14 37	12 2	14 29	7 38
M25	22 50	10 1	4 19	24 48	1 43	23 24	0 5	24 7	0 47	22 52	0 15	4 1	2 28	8 30	0 34	13 35	0 32	7 55	17 6	15 3	14 38	11 59	14 30	7 38
T 26	22 43	15 40	4 53	24 44	1 47	23 27	0 3	24 6	0 48	22 53	0 15	4 2	2 28	8 30	0 34	13 35	0 32	7 54	17 6	15 4	14 39	11 56	14 30	7 38
W27	22 37	20 28	5 10	24 38	1 50	23 29	0 0	24 3	0 48	22 54	0 15	4 3	2 29	8 30	0 33	13 36	0 32	7 54	17 5	15 5	14 40	11 52	14 31	7 38
T 28	22 29	24 10	5 10	24 30	1 53	23 30	0s 2	24 1	0 48	22 55	0 15	4 3	2 29	8 30	0 33	13 36	0 32	7 53	17 5	15 6	14 41	11 49	14 31	7 38
F 29	22 22	26 35	4 55	24 21	1 56	23 30	0 5	23 58	0 49	22 56	0 15	4 4	2 29	8 31	0 33	13 37	0 32	7 53	17 5	15 8	14 42	11 46	14 32	7 38
S 30	22 14	27 36	4 25	24 10	1 58	23 30	0 7	23 55	0 49	22 57	0 15	4 4	2 29	8 31	0 33	13 37	0 32	7 53	17 4	15 9	14 43	11 43	14 32	7 38
S 31	22s 5	27n10	3n43	23s58	2s 0	23s29	0s10	23s52	0s50	22n58	0n15	4s 4	2n30	8n31	0s33	13n37	0n32	7s52	17s 4	15s11	14s44	11n40	14n33	7s38

Julian Day Number = 2305061.5, Delta T = 90.23 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'35, Lahiri = 18°15'35 Julian Calendar 1 Dec. 1598 == Greg. Calendar 11 Dec. 1598

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

JANUARY 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 19 48	20♉25'31	15♋44	21♉49	7♉56	11♉43	14°R18	16♎12	23♈12	25°R17	20♈18	18°R51	20♒18	27♌50	19°R 9	M 1
T 2	7 23 44	21°26'36	27°51	23°29	9°11	12°29	14♋10	16°14	23°12	25♌15	20°18	18♒48	20°14	27°57	19♋ 5	T 2
W 3	7 27 41	22°27'41	9♌50	25°10	10°27	13°15	14° 2	16°15	23°13	25°14	20°18	18°46	20°11	28° 4	19° 0	W 3
T 4	7 31 38	23°28'45	21°42	26°52	11°42	14° 2	13°54	16°16	23°14	25°13	20°19	18°D46	20° 8	28°10	18°56	T 4
F 5	7 35 34	24°29'48	3♍30	28°34	12°57	14°48	13°46	16°18	23°14	25°11	20°19	18°47	20° 5	28°17	18°51	F 5
S 6	7 39 31	25°30'51	15°17	0♒16	14°12	15°34	13°39	16°19	23°15	25°10	20°19	18°48	20° 2	28°23	18°47	S 6
S 7	7 43 27	26°31'54	27° 7	1°59	15°28	16°20	13°31	16°20	23°16	25° 8	20°19	18°50	19°58	28°30	18°43	S 7
M 8	7 47 24	27°32'56	9♎ 3	3°42	16°43	17° 7	13°23	16°20	23°17	25° 7	20°20	18°52	19°55	28°37	18°38	M 8
T 9	7 51 20	28°33'57	21°12	5°26	17°58	17°53	13°16	16°21	23°18	25° 6	20°20	18°53	19°52	28°43	18°34	T 9
W10	7 55 17	29°34'58	3♏37	7°10	19°14	18°39	13° 8	16°22	23°18	25° 4	20°20	18°R53	19°49	28°50	18°30	W10
T 11	7 59 13	0♒35'58	16°23	8°55	20°29	19°26	13° 1	16°22	23°19	25° 3	20°21	18°52	19°46	28°57	18°25	T 11
F 12	8 3 10	1°36'58	29°35	10°39	21°44	20°12	12°53	16°23	23°20	25° 1	20°21	18°51	19°43	29° 3	18°21	F 12
S 13	8 7 7	2°37'57	13♐13	12°24	23° 0	20°59	12°46	16°23	23°22	25° 0	20°21	18°49	19°39	29°10	18°17	S 13
S 14	8 11 3	3°38'55	27°19	14° 9	24°15	21°45	12°39	16°23	23°23	24°58	20°22	18°46	19°36	29°17	18°13	S 14
M15	8 15 0	4°39'53	11♉49	15°53	25°30	22°32	12°32	16°R23	23°24	24°56	20°22	18°44	19°33	29°23	18° 9	M15
T 16	8 18 56	5°40'50	26°41	17°37	26°45	23°18	12°25	16°23	23°25	24°55	20°23	18°43	19°30	29°30	18° 4	T 16
W17	8 22 53	6°41'45	11♒44	19°21	28° 1	24° 5	12°18	16°23	23°26	24°53	20°23	18°D42	19°27	29°37	18° 0	W17
T 18	8 26 49	7°42'40	26°52	21° 4	29°16	24°51	12°12	16°23	23°28	24°52	20°24	18°42	19°24	29°43	17°56	T 18
F 19	8 30 46	8°43'33	11♓54	22°45	0♒31	25°38	12° 5	16°23	23°29	24°50	20°24	18°43	19°20	29°50	17°52	F 19
S 20	8 34 42	9°44'24	26°43	24°25	1°47	26°25	11°59	16°22	23°31	24°49	20°25	18°44	19°17	29°57	17°48	S 20
S 21	8 38 39	10°45'15	11♈12	26° 4	3° 2	27°11	11°52	16°22	23°32	24°47	20°25	18°45	19°14	0♍ 3	17°44	S 21
M22	8 42 36	11°46'03	25°18	27°40	4°17	27°58	11°46	16°21	23°34	24°45	20°26	18°45	19°11	0°10	17°41	M22
T 23	8 46 32	12°46'51	9♉ 1	29°13	5°32	28°45	11°40	16°20	23°35	24°44	20°27	18°R45	19° 8	0°16	17°37	T 23
W24	8 50 29	13°47'36	22°21	0♓43	6°47	29°32	11°34	16°19	23°37	24°42	20°27	18°45	19° 4	0°23	17°33	W24
T 25	8 54 25	14°48'21	5♊20	2° 9	8° 3	0♒18	11°29	16°19	23°38	24°40	20°28	18°45	19° 1	0°30	17°29	T 25
F 26	8 58 22	15°49'03	18° 0	3°30	9°18	1° 5	11°23	16°17	23°40	24°39	20°29	18°45	18°58	0°36	17°26	F 26
S 27	9 2 18	16°49'44	0♋26	4°46	10°33	1°52	11°18	16°16	23°42	24°37	20°29	18°44	18°55	0°43	17°22	S 27
S 28	9 6 15	17°50'24	12°39	5°56	11°48	2°39	11°12	16°15	23°44	24°35	20°30	18°44	18°52	0°50	17°18	S 28
M29	9 10 12	18°51'01	24°42	6°59	13° 3	3°26	11° 7	16°14	23°46	24°34	20°31	18°D44	18°49	0°56	17°15	M29
T 30	9 14 8	19°51'37	6♌38	7°55	14°18	4°12	11° 2	16°12	23°47	24°32	20°32	18°44	18°45	1° 3	17°12	T 30
W31	9 18 5	20♒52'12	18♌30	8♓42	15♒34	4♒59	10♋58	16♎11	23♈49	24♌30	20♈32	18°R44	18♒42	1♍10	17♋ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s56	25n24	2n52	23s44	2s 2	23s27	0s12	23s49	0s50	22n59	0n15	4s 5	2n30	8n31	0s33	13n38	0n32	7s52	17s 4	15s12	14s45	11n37	14n33	7s38
T 2	21 47	22 28	1 52	23 28	2 3	23 25	0 15	23 45	0 51	23 0	0 16	4 5	2 30	8 31	0 33	13 38	0 32	7 52	17 3	15 13	14 46	11 34	14 34	7 38
W 3	21 37	18 37	0 49	23 11	2 4	23 22	0 17	23 41	0 51	23 1	0 16	4 5	2 31	8 32	0 33	13 39	0 32	7 51	17 3	15 14	14 47	11 31	14 34	7 38
T 4	21 27	14 3	0s16	22 53	2 5	23 18	0 19	23 37	0 52	23 2	0 16	4 6	2 31	8 32	0 33	13 39	0 32	7 51	17 3	15 14	14 48	11 28	14 35	7 38
F 5	21 16	9 0	1 20	22 32	2 5	23 13	0 22	23 32	0 52	23 3	0 16	4 6	2 31	8 32	0 33	13 40	0 32	7 50	17 2	15 14	14 49	11 24	14 36	7 38
S 6	21 5	3 39	2 21	22 10	2 5	23 8	0 24	23 27	0 53	23 4	0 16	4 6	2 31	8 32	0 33	13 40	0 32	7 50	17 2	15 13	14 50	11 21	14 36	7 38
S 7	20 54	1s51	3 16	21 47	2 4	23 2	0 26	23 22	0 53	23 4	0 16	4 6	2 32	8 33	0 33	13 41	0 32	7 49	17 1	15 13	14 51	11 18	14 37	7 38
M 8	20 42	7 19	4 3	21 21	2 3	22 55	0 29	23 17	0 53	23 5	0 16	4 6	2 32	8 33	0 33	13 41	0 32	7 49	17 1	15 12	14 52	11 15	14 38	7 38
T 9	20 30	12 37	4 40	20 55	2 1	22 48	0 31	23 11	0 54	23 6	0 16	4 6	2 32	8 33	0 33	13 42	0 32	7 49	17 1	15 12	14 53	11 12	14 38	7 38
W10	20 17	17 32	5 5	20 26	1 59	22 40	0 33	23 5	0 54	23 7	0 17	4 6	2 33	8 34	0 33	13 42	0 32	7 48	17 0	15 12	14 54	11 9	14 39	7 38
T 11	20 4	21 49	5 16	19 56	1 56	22 31	0 35	22 59	0 55	23 8	0 17	4 6	2 33	8 34	0 33	13 43	0 32	7 48	17 0	15 12	14 55	11 6	14 40	7 38
F 12	19 51	25 10	5 11	19 24	1 53	22 21	0 38	22 53	0 55	23 9	0 17	4 6	2 33	8 35	0 33	13 43	0 33	7 47	17 0	15 13	14 56	11 3	14 40	7 38
S 13	19 37	27 12	4 48	18 51	1 49	22 11	0 40	22 46	0 55	23 10	0 17	4 6	2 33	8 35	0 33	13 44	0 33	7 47	16 59	15 13	14 57	10 59	14 41	7 38
S 14	19 23	27 36	4 8	18 17	1 44	22 0	0 42	22 39	0 56	23 10	0 17	4 6	2 34	8 36	0 33	13 44	0 33	7 46	16 59	15 14	14 58	10 56	14 42	7 37
M15	19 8	26 8	3 11	17 41	1 39	21 49	0 44	22 32	0 56	23 11	0 17	4 5	2 34	8 36	0 33	13 45	0 33	7 46	16 59	15 15	14 59	10 53	14 42	7 37
T 16	18 54	22 49	1 59	17 3	1 33	21 36	0 46	22 24	0 57	23 12	0 17	4 5	2 34	8 37	0 33	13 45	0 33	7 45	16 58	15 15	15 0	10 50	14 43	7 37
W17	18 38	17 55	0 39	16 25	1 26	21 23	0 48	22 17	0 57	23 13	0 17	4 5	2 35	8 37	0 33	13 46	0 33	7 45	16 58	15 15	15 1	10 47	14 44	7 37
T 18	18 23	11 53	0n45	15 45	1 18	21 10	0 50	22 9	0 57	23 13	0 18	4 4	2 35	8 38	0 33	13 47	0 33	7 44	16 58	15 15	15 2	10 44	14 45	7 37
F 19	18 7	5 11	2 5	15 4	1 10	20 56	0 52	22 1	0 58	23 14	0 18	4 4	2 35	8 38	0 33	13 47	0 33	7 44	16 57	15 15	15 3	10 41	14 45	7 36
S 20	17 51	1n41	3 16	14 22	1 1	20 41	0 54	21 52	0 58	23 15	0 18	4 4	2 35	8 39	0 33	13 48	0 33	7 43	16 57	15 15	15 4	10 37	14 46	7 36
S 21	17 35	8 18	4 12	13 40	0 52	20 26	0 56	21 43	0 59	23 15	0 18	4 3	2 36	8 39	0 33	13 48	0 33	7 43	16 56	15 14	15 5	10 34	14 47	7 36
M22	17 18	14 20	4 52	12 57	0 41	20 10	0 57	21 35	0 59	23 16	0 18	4 3	2 36	8 40	0 33	13 49	0 33	7 42	16 56	15 14	15 6	10 31	14 48	7 36
T 23	17 1	19 28	5 13	12 14	0 30	19 53	0 59	21 25	0 59	23 17	0 18	4 2	2 36	8 40	0 33	13 49	0 33	7 42	16 56	15 14	15 7	10 28	14 48	7 35
W24	16 43	23 30	5 17	11 31	0 18	19 36	1 1	21 16	1 0	23 17	0 18	4 2	2 36	8 41	0 33	13 50	0 33	7 41	16 55	15 14	15 8	10 25	14 49	7 35
T 25	16 26	26 14	5 5	10 49	0 5	19 18	1 3	21 6	1 0	23 18	0 18	4 1	2 37	8 42	0 33	13 50	0 33	7 40	16 55	15 14	15 9	10 22	14 50	7 35
F 26	16 8	27 33	4 37	10 7	0n 8	19 0	1 4	20 57	1 0	23 19	0 18	4 0	2 37	8 42	0 32	13 51	0 33	7 40	16 55	15 14	15 10	10 19	14 51	7 34
S 27	15 50	27 27	3 58	9 26	0 23	18 41	1 6	20 46	1 1	23 19	0 18	4 0	2 37	8 43	0 32	13 52	0 33	7 39	16 54	15 15	15 11	10 15	14 51	7 34
S 28	15 31	26 0	3 8	8 47	0 37	18 22	1 7	20 36	1 1	23 20	0 19	3 59	2 38	8 44	0 32	13 52	0 33	7 39	16 54	15 15	15 12	10 12	14 52	7 34
M29	15 12	23 22	2 10	8 9	0 52	18 2	1 9	20 26	1 1	23 20	0 19	3 58	2 38	8 44	0 32	13 53	0 33	7 38	16 54	15 15	15 13	10 9	14 53	7 33
T 30	14 53	19 44	1 7	7 34	1 8	17 42	1 10	20 15	1 2	23 21	0 19	3 57	2 38	8 45	0 32	13 53	0 33	7 38	16 54	15 15	15 14	10 6	14 54	7 33
W31	14s34	15n20	0n 1	7s 2	1n24	17s21	1s11	20s 4	1s 2	23n21	0n19	3s56	2n38	8n46	0s32	13n54	0n33	7s37	16s53	15s15	15s15	10n 3	14n55	7s32

Julian Day Number = 2305092.5, Delta T = 90.11 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'39, Lahiri = 18°15'40 Julian Calendar 1 Jan. 1599 == Greg. Calendar 11 Jan. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

FEBRUARY 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 22 1	21♒52'45	0♍18	9♓21	16♒49	5♒46	10°R53	16°R 9	23♈51	24°R29	20♈33	18°R44	18♒39	1♍16	17°R 5	T 1
F 2	9 25 58	22°53'17	12° 6	9°51	18° 4	6°33	10♋49	16♎ 7	23°53	24♑27	20°34	18♒44	18°36	1°23	17♋ 2	F 2
S 3	9 29 54	23°53'46	23°56	10°10	19°19	7°20	10°45	16° 5	23°55	24°25	20°35	18°43	18°33	1°30	16°59	S 3
S 4	9 33 51	24°54'15	5♎50	10°R20	20°34	8° 7	10°41	16° 3	23°58	24°24	20°36	18°43	18°30	1°36	16°56	S 4
M 5	9 37 47	25°54'42	17°50	10°19	21°49	8°54	10°37	16° 1	24° 0	24°22	20°37	18°42	18°26	1°43	16°53	M 5
T 6	9 41 44	26°55'08	0♏ 1	10° 9	23° 4	9°41	10°33	15°59	24° 2	24°20	20°37	18°41	18°23	1°50	16°50	T 6
W 7	9 45 40	27°55'32	12°26	9°48	24°19	10°28	10°29	15°57	24° 4	24°19	20°38	18°40	18°20	1°56	16°47	W 7
T 8	9 49 37	28°55'55	25° 9	9°18	25°34	11°15	10°26	15°55	24° 6	24°17	20°39	18°D39	18°17	2° 3	16°44	T 8
F 9	9 53 34	29°56'17	8♐12	8°40	26°49	12° 2	10°23	15°52	24° 9	24°15	20°40	18°40	18°14	2° 9	16°41	F 9
S 10	9 57 30	0♓56'37	21°40	7°54	28° 4	12°49	10°20	15°50	24°11	24°14	20°41	18°40	18°10	2°16	16°39	S 10
S 11	10 1 27	1°56'56	5♑34	7° 1	29°19	13°36	10°17	15°47	24°13	24°12	20°42	18°41	18° 7	2°23	16°36	S 11
M12	10 5 23	2°57'13	19°54	6° 4	0♓34	14°23	10°15	15°44	24°16	24°10	20°43	18°42	18° 4	2°29	16°34	M12
T 13	10 9 20	3°57'29	4♒38	5° 3	1°49	15°10	10°12	15°41	24°18	24° 9	20°44	18°43	18° 1	2°36	16°31	T 13
W14	10 13 16	4°57'43	19°40	4° 0	3° 4	15°57	10°10	15°39	24°21	24° 7	20°45	18°R43	17°58	2°43	16°29	W14
T 15	10 17 13	5°57'55	4♓52	2°57	4°19	16°44	10° 8	15°36	24°23	24° 5	20°46	18°43	17°55	2°49	16°27	T 15
F 16	10 21 9	6°58'05	20° 6	1°55	5°34	17°31	10° 7	15°33	24°26	24° 4	20°47	18°42	17°51	2°56	16°25	F 16
S 17	10 25 6	7°58'14	5♈10	0°55	6°49	18°18	10° 5	15°30	24°28	24° 2	20°48	18°39	17°48	3° 3	16°23	S 17
S 18	10 29 3	8°58'20	19°57	29♒59	8° 4	19° 5	10° 4	15°26	24°31	24° 1	20°49	18°37	17°45	3° 9	16°21	S 18
M19	10 32 59	9°58'25	4♉19	29° 7	9°19	19°52	10° 2	15°23	24°34	23°59	20°50	18°34	17°42	3°16	16°19	M19
T 20	10 36 56	10°58'27	18°14	28°21	10°34	20°40	10° 1	15°20	24°36	23°57	20°52	18°31	17°39	3°23	16°17	T 20
W21	10 40 52	11°58'27	1♊41	27°41	11°49	21°27	10° 1	15°16	24°39	23°56	20°53	18°30	17°36	3°29	16°16	W21
T 22	10 44 49	12°58'25	14°42	27° 7	13° 4	22°14	10° 0	15°13	24°42	23°54	20°54	18°D30	17°32	3°36	16°14	T 22
F 23	10 48 45	13°58'21	27°20	26°39	14°19	23° 1	10° 0	15° 9	24°45	23°53	20°55	18°30	17°29	3°43	16°13	F 23
S 24	10 52 42	14°58'14	9♋39	26°18	15°33	23°48	9°59	15° 6	24°47	23°51	20°56	18°32	17°26	3°49	16°11	S 24
S 25	10 56 38	15°58'05	21°44	26° 4	16°48	24°35	9°D59	15° 2	24°50	23°50	20°57	18°34	17°23	3°56	16°10	S 25
M26	11 0 35	16°57'54	3♌40	25°56	18° 3	25°22	10° 0	14°58	24°53	23°48	20°58	18°35	17°20	4° 3	16° 9	M26
T 27	11 4 32	17°57'41	15°29	25°D55	19°18	26° 9	10° 0	14°54	24°56	23°47	21° 0	18°R36	17°16	4° 9	16° 8	T 27
W28	11 8 28	18♓57'26	27♌17	25♒59	20♓32	26♒56	10♋ 1	14♎50	24♈59	23♌45	21♈ 1	18♒36	17♒13	4♍16	16♋ 7	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s15	10n24	1s 4	6s32	1n40	16s59	1s13	19s53	1s 2	23n22	0n19	3s56	2n39	8n47	0s32	13n54	0n33	7s36	16s53	15s15	15s16	10n 0	14n55	7s32	T 1
F 2	13 55	5 5	2 6	6 6	1 56	16 37	1 14	19 41	1 2	23 22	0 19	3 55	2 39	8 47	0 32	13 55	0 33	7 36	16 53	15 15	15 17	9 56	14 56	7 32	F 2
S 3	13 35	0s24	3 3	5 44	2 11	16 15	1 15	19 29	1 3	23 22	0 19	3 54	2 39	8 48	0 32	13 56	0 33	7 35	16 52	15 15	15 18	9 53	14 57	7 31	S 3
S 4	13 15	5 53	3 53	5 27	2 27	15 52	1 16	19 18	1 3	23 23	0 19	3 53	2 39	8 49	0 32	13 56	0 33	7 35	16 52	15 15	15 19	9 50	14 58	7 31	S 4
M 5	12 55	11 13	4 33	5 14	2 41	15 29	1 17	19 6	1 3	23 23	0 19	3 52	2 40	8 50	0 32	13 57	0 33	7 34	16 52	15 15	15 20	9 47	14 59	7 30	M 5
T 6	12 34	16 11	5 1	5 5	2 55	15 5	1 18	18 53	1 4	23 24	0 19	3 51	2 40	8 51	0 32	13 57	0 33	7 34	16 51	15 16	15 21	9 44	15 0	7 30	T 6
W 7	12 13	20 36	5 15	5 1	3 7	14 41	1 19	18 41	1 4	23 24	0 19	3 50	2 40	8 52	0 32	13 58	0 33	7 33	16 51	15 16	15 22	9 41	15 0	7 29	W 7
T 8	11 52	24 11	5 15	5 2	3 18	14 17	1 20	18 28	1 4	23 24	0 19	3 48	2 40	8 52	0 32	13 58	0 33	7 32	16 51	15 16	15 23	9 37	15 1	7 29	T 8
F 9	11 31	26 39	4 59	5 8	3 27	13 52	1 21	18 15	1 4	23 25	0 20	3 47	2 41	8 53	0 32	13 59	0 33	7 32	16 51	15 16	15 24	9 34	15 2	7 28	F 9
S 10	11 10	27 40	4 26	5 18	3 35	13 27	1 22	18 2	1 5	23 25	0 20	3 46	2 41	8 54	0 32	14 0	0 33	7 31	16 50	15 16	15 25	9 31	15 3	7 28	S 10
S 11	10 48	27 0	3 37	5 33	3 40	13 1	1 22	17 49	1 5	23 25	0 20	3 45	2 41	8 55	0 32	14 0	0 33	7 31	16 50	15 16	15 26	9 28	15 4	7 27	S 11
M12	10 27	24 32	2 33	5 51	3 43	12 35	1 23	17 35	1 5	23 25	0 20	3 44	2 41	8 56	0 32	14 1	0 33	7 30	16 50	15 15	15 27	9 25	15 4	7 27	M12
T 13	10 5	20 24	1 17	6 12	3 44	12 9	1 24	17 22	1 5	23 26	0 20	3 42	2 41	8 57	0 32	14 1	0 33	7 29	16 49	15 15	15 28	9 21	15 5	7 26	T 13
W14	9 43	14 52	0n 5	6 36	3 43	11 42	1 24	17 8	1 6	23 26	0 20	3 41	2 42	8 58	0 32	14 2	0 33	7 29	16 49	15 15	15 29	9 18	15 6	7 26	W14
T 15	9 21	8 23	1 28	7 1	3 40	11 16	1 25	16 54	1 6	23 26	0 20	3 40	2 42	8 59	0 32	14 2	0 33	7 28	16 49	15 15	15 30	9 15	15 7	7 25	T 15
F 16	8 58	1 24	2 45	7 28	3 35	10 48	1 25	16 40	1 6	23 26	0 20	3 38	2 42	9 0	0 32	14 3	0 33	7 28	16 49	15 15	15 31	9 12	15 8	7 25	F 16
S 17	8 36	5n34	3 49	7 56	3 27	10 21	1 25	16 26	1 6	23 27	0 20	3 37	2 42	9 1	0 32	14 3	0 33	7 27	16 48	15 16	15 32	9 9	15 8	7 24	S 17
S 18	8 13	12 5	4 37	8 24	3 19	9 53	1 26	16 11	1 6	23 27	0 20	3 36	2 42	9 2	0 32	14 4	0 33	7 26	16 48	15 17	15 33	9 6	15 9	7 23	S 18
M19	7 51	17 47	5 6	8 52	3 8	9 25	1 26	15 56	1 7	23 27	0 20	3 34	2 43	9 3	0 32	14 5	0 33	7 26	16 48	15 18	15 34	9 2	15 10	7 23	M19
T 20	7 28	22 20	5 15	9 18	2 57	8 57	1 26	15 42	1 7	23 27	0 20	3 33	2 43	9 4	0 32	14 5	0 33	7 25	16 48	15 19	15 35	8 59	15 11	7 22	T 20
W21	7 5	25 33	5 7	9 44	2 44	8 28	1 26	15 27	1 7	23 27	0 20	3 31	2 43	9 5	0 32	14 6	0 33	7 24	16 47	15 19	15 36	8 56	15 12	7 22	W21
T 22	6 42	27 18	4 43	10 8	2 31	8 0	1 26	15 11	1 7	23 27	0 20	3 30	2 43	9 6	0 32	14 6	0 33	7 24	16 47	15 19	15 37	8 53	15 12	7 21	T 22
F 23	6 19	27 34	4 6	10 30	2 17	7 31	1 26	14 56	1 7	23 27	0 20	3 28	2 43	9 7	0 32	14 7	0 33	7 23	16 47	15 19	15 38	8 50	15 13	7 20	F 23
S 24	5 56	26 26	3 18	10 51	2 3	7 1	1 26	14 41	1 7	23 27	0 21	3 27	2 44	9 8	0 32	14 7	0 33	7 23	16 47	15 18	15 39	8 46	15 14	7 20	S 24
S 25	5 33	24 5	2 22	11 9	1 49	6 32	1 26	14 25	1 8	23 28	0 21	3 25	2 44	9 9	0 32	14 8	0 33	7 22	16 47	15 18	15 40	8 43	15 15	7 19	S 25
M26	5 10	20 42	1 21	11 25	1 34	6 3	1 25	14 9	1 8	23 28	0 21	3 23	2 44	9 10	0 32	14 8	0 33	7 21	16 46	15 17	15 41	8 40	15 15	7 19	M26
T 27	4 46	16 30	0 17	11 39	1 20	5 33	1 25	13 54	1 8	23 28	0 21	3 22	2 44	9 11	0 32	14 9	0 33	7 21	16 46	15 17	15 42	8 37	15 16	7 18	T 27
W28	4s23	11n42	0s47	11s51	1n 6	5s 3	1s25	13s38	1s 8	23n28	0n21	3s20	2n44	9n12	0s32	14n 9	0n33	7s20	16s46	15s17	15s43	8n34	15n17	7s17	W28

Julian Day Number = 2305123.5, Delta T = 90.00 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'43, Lahiri = 18°15'44 Julian Calendar 1 Feb. 1599 == Greg. Calendar 11 Feb. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

MARCH 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 12 25	19♓57'08	9♍ 4	26♒10	21♓47	27♒43	10♋ 1	14°R47	25♈ 2	23°R44	21♈ 2	18°R34	17♒10	4♍23	16°R 6	T 1
F 2	11 16 21	20°56'49	20°55	26°25	23° 2	28°30	10° 2	14♎43	25° 5	23♌42	21° 3	18♒30	17° 7	4°29	16♋ 5	F 2
S 3	11 20 18	21°56'27	2♎50	26°46	24°17	29°17	10° 3	14°38	25° 8	23°41	21° 5	18°25	17° 4	4°36	16° 5	S 3
S 4	11 24 14	22°56'04	14°53	27°12	25°31	0♓ 4	10° 5	14°34	25°11	23°39	21° 6	18°19	17° 1	4°42	16° 4	S 4
M 5	11 28 11	23°55'38	27° 3	27°43	26°46	0°52	10° 6	14°30	25°14	23°38	21° 7	18°13	16°57	4°49	16° 3	M 5
T 6	11 32 7	24°55'11	9♏23	28°18	28° 1	1°39	10° 8	14°26	25°17	23°36	21° 8	18° 6	16°54	4°56	16° 3	T 6
W 7	11 36 4	25°54'42	21°55	28°57	29°15	2°26	10°10	14°22	25°20	23°35	21°10	18° 1	16°51	5° 2	16° 3	W 7
T 8	11 40 1	26°54'11	4♐41	29°40	0♈30	3°13	10°12	14°18	25°23	23°34	21°11	17°57	16°48	5° 9	16° 3	T 8
F 9	11 43 57	27°53'38	17°44	0♓26	1°44	4° 0	10°14	14°13	25°26	23°32	21°12	17°55	16°45	5°16	16°D 2	F 9
S 10	11 47 54	28°53'04	1♑ 6	1°16	2°59	4°47	10°17	14° 9	25°29	23°31	21°13	17°D54	16°41	5°22	16° 3	S 10
S 11	11 51 50	29°52'28	14°48	2° 9	4°13	5°34	10°19	14° 4	25°33	23°30	21°15	17°55	16°38	5°29	16° 3	S 11
M12	11 55 47	0♈51'50	28°53	3° 5	5°28	6°21	10°22	14° 0	25°36	23°28	21°16	17°56	16°35	5°36	16° 3	M12
T 13	11 59 43	1°51'10	13♒19	4° 4	6°43	7° 8	10°25	13°56	25°39	23°27	21°17	17°R57	16°32	5°42	16° 3	T 13
W14	12 3 40	2°50'29	28° 5	5° 6	7°57	7°55	10°29	13°51	25°42	23°26	21°19	17°57	16°29	5°49	16° 4	W14
T 15	12 7 36	3°49'45	13♓ 4	6°10	9°12	8°42	10°32	13°47	25°46	23°25	21°20	17°55	16°26	5°56	16° 4	T 15
F 16	12 11 33	4°49'00	28°11	7°17	10°26	9°29	10°35	13°42	25°49	23°24	21°21	17°50	16°22	6° 2	16° 5	F 16
S 17	12 15 30	5°48'12	13♈14	8°26	11°40	10°15	10°39	13°38	25°52	23°22	21°23	17°44	16°19	6° 9	16° 5	S 17
S 18	12 19 26	6°47'23	28° 4	9°38	12°55	11° 2	10°43	13°33	25°55	23°21	21°24	17°36	16°16	6°16	16° 6	S 18
M19	12 23 23	7°46'31	12♉34	10°51	14° 9	11°49	10°47	13°28	25°59	23°20	21°25	17°28	16°13	6°22	16° 7	M19
T 20	12 27 19	8°45'37	26°37	12° 7	15°24	12°36	10°51	13°24	26° 2	23°19	21°27	17°21	16°10	6°29	16° 8	T 20
W21	12 31 16	9°44'41	10♊12	13°24	16°38	13°23	10°56	13°19	26° 5	23°18	21°28	17°16	16° 7	6°36	16° 9	W21
T 22	12 35 12	10°43'43	23°19	14°43	17°52	14°10	11° 0	13°15	26° 9	23°17	21°30	17°12	16° 3	6°42	16°10	T 22
F 23	12 39 9	11°42'42	6♋ 0	16° 5	19° 7	14°57	11° 5	13°10	26°12	23°16	21°31	17°10	16° 0	6°49	16°12	F 23
S 24	12 43 5	12°41'39	18°20	17°28	20°21	15°43	11°10	13° 5	26°15	23°15	21°32	17°D10	15°57	6°56	16°13	S 24
S 25	12 47 2	13°40'33	0♌25	18°53	21°35	16°30	11°15	13° 1	26°19	23°14	21°34	17°11	15°54	7° 2	16°15	S 25
M26	12 50 59	14°39'26	12°18	20°19	22°49	17°17	11°21	12°56	26°22	23°13	21°35	17°R12	15°51	7° 9	16°16	M26
T 27	12 54 55	15°38'16	24° 6	21°48	24° 4	18° 4	11°26	12°51	26°26	23°12	21°37	17°12	15°47	7°15	16°18	T 27
W28	12 58 52	16°37'03	5♍52	23°18	25°18	18°50	11°32	12°47	26°29	23°11	21°38	17°10	15°44	7°22	16°20	W28
T 29	13 2 48	17°35'49	17°42	24°49	26°32	19°37	11°37	12°42	26°32	23°11	21°39	17° 6	15°41	7°29	16°22	T 29
F 30	13 6 45	18°34'32	29°38	26°23	27°46	20°24	11°43	12°38	26°36	23°10	21°41	16°59	15°38	7°35	16°24	F 30
S 31	13 10 41	19♈33'13	11♎42	27♓58	29♈ 0	21♓10	11♋49	12♎33	26♈39	23♌ 9	21♈42	16♒49	15♒35	7♍42	16♋26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s59	6n29	1s50	12s 1	0n52	4s33	1s24	13s21	1s 8	23n28	0n21	3s19	2n44	9n13	0s32	14n10	0n33	7s20	16s46	15s18	15s43	8n30	15n18	7s17
F 2	3 36	1 2	2 48	12 8	0 38	4 3	1 24	13 5	1 8	23 28	0 21	3 17	2 45	9 14	0 32	14 10	0 33	7 19	16 46	15 19	15 44	8 27	15 18	7 16
S 3	3 12	4s28	3 38	12 14	0 25	3 33	1 23	12 49	1 8	23 28	0 21	3 15	2 45	9 15	0 32	14 11	0 33	7 18	16 45	15 20	15 45	8 24	15 19	7 15
S 4	2 49	9 52	4 20	12 17	0 12	3 3	1 23	12 32	1 8	23 27	0 21	3 13	2 45	9 17	0 31	14 11	0 33	7 18	16 45	15 22	15 46	8 21	15 20	7 15
M 5	2 25	14 57	4 50	12 18	0s 1	2 32	1 22	12 16	1 9	23 27	0 21	3 12	2 45	9 18	0 31	14 12	0 33	7 17	16 45	15 24	15 47	8 18	15 20	7 14
T 6	2 1	19 30	5 7	12 18	0 13	2 2	1 21	11 59	1 9	23 27	0 21	3 10	2 45	9 19	0 31	14 12	0 33	7 16	16 45	15 26	15 48	8 14	15 21	7 13
W 7	1 38	23 16	5 10	12 15	0 24	1 32	1 20	11 42	1 9	23 27	0 21	3 8	2 45	9 20	0 31	14 13	0 33	7 16	16 45	15 28	15 49	8 11	15 22	7 13
T 8	1 14	26 0	4 58	12 10	0 36	1 1	1 19	11 25	1 9	23 27	0 21	3 6	2 45	9 21	0 31	14 13	0 33	7 15	16 45	15 29	15 50	8 8	15 23	7 12
F 9	0 50	27 24	4 30	12 4	0 46	0 30	1 19	11 8	1 9	23 27	0 21	3 5	2 45	9 22	0 31	14 13	0 33	7 15	16 44	15 30	15 51	8 5	15 23	7 11
S 10	0 27	27 16	3 47	11 56	0 56	0n 0	1 18	10 51	1 9	23 27	0 21	3 3	2 46	9 24	0 31	14 14	0 33	7 14	16 44	15 30	15 52	8 2	15 24	7 11
S 11	0 3	25 29	2 50	11 46	1 6	0 31	1 17	10 34	1 9	23 27	0 21	3 1	2 46	9 25	0 31	14 14	0 33	7 13	16 44	15 30	15 53	7 58	15 25	7 10
M12	0n21	22 5	1 42	11 34	1 15	1 1	1 15	10 16	1 9	23 27	0 21	2 59	2 46	9 26	0 31	14 15	0 33	7 13	16 44	15 29	15 54	7 55	15 25	7 9
T 13	0 44	17 16	0 25	11 20	1 24	1 32	1 14	9 59	1 9	23 26	0 21	2 58	2 46	9 27	0 31	14 15	0 33	7 12	16 44	15 29	15 55	7 52	15 26	7 9
W14	1 8	11 19	0n55	11 5	1 32	2 3	1 13	9 41	1 9	23 26	0 21	2 56	2 46	9 28	0 31	14 16	0 33	7 12	16 44	15 29	15 56	7 49	15 26	7 8
T 15	1 32	4 38	2 12	10 48	1 39	2 33	1 12	9 24	1 9	23 26	0 22	2 54	2 46	9 29	0 31	14 16	0 33	7 11	16 44	15 30	15 57	7 45	15 27	7 7
F 16	1 55	2n20	3 20	10 30	1 47	3 4	1 10	9 6	1 9	23 26	0 22	2 52	2 46	9 31	0 31	14 16	0 33	7 10	16 44	15 31	15 58	7 42	15 28	7 7
S 17	2 19	9 8	4 14	10 10	1 53	3 34	1 9	8 48	1 9	23 25	0 22	2 50	2 46	9 32	0 31	14 17	0 33	7 10	16 43	15 33	15 59	7 39	15 28	7 6
S 18	2 42	15 19	4 50	9 49	1 59	4 4	1 8	8 30	1 9	23 25	0 22	2 48	2 46	9 33	0 31	14 17	0 33	7 9	16 43	15 35	16 0	7 36	15 29	7 5
M19	3 6	20 30	5 6	9 26	2 5	4 35	1 6	8 12	1 9	23 25	0 22	2 47	2 46	9 34	0 31	14 17	0 33	7 9	16 43	15 38	16 1	7 33	15 29	7 5
T 20	3 29	24 21	5 3	9 2	2 10	5 5	1 5	7 54	1 9	23 25	0 22	2 45	2 46	9 36	0 31	14 18	0 33	7 8	16 43	15 40	16 2	7 29	15 30	7 4
W21	3 52	26 42	4 43	8 36	2 14	5 35	1 3	7 36	1 9	23 24	0 22	2 43	2 46	9 37	0 31	14 18	0 33	7 8	16 43	15 42	16 3	7 26	15 30	7 3
T 22	4 15	27 28	4 9	8 9	2 18	6 5	1 1	7 18	1 9	23 24	0 22	2 41	2 46	9 38	0 31	14 18	0 33	7 7	16 43	15 43	16 4	7 23	15 31	7 3
F 23	4 38	26 44	3 23	7 41	2 22	6 35	1 0	7 0	1 9	23 24	0 22	2 39	2 46	9 39	0 31	14 19	0 33	7 6	16 43	15 43	16 5	7 20	15 32	7 2
S 24	5 2	24 41	2 29	7 11	2 25	7 4	0 58	6 42	1 9	23 23	0 22	2 37	2 46	9 40	0 31	14 19	0 33	7 6	16 43	15 43	16 5	7 16	15 32	7 1
S 25	5 24	21 33	1 29	6 40	2 27	7 34	0 56	6 24	1 9	23 23	0 22	2 36	2 46	9 42	0 31	14 19	0 33	7 5	16 43	15 43	16 6	7 13	15 33	7 1
M26	5 47	17 34	0 26	6 8	2 29	8 3	0 54	6 5	1 9	23 22	0 22	2 34	2 46	9 43	0 31	14 20	0 33	7 5	16 43	15 43	16 7	7 10	15 33	7 0
T 27	6 10	12 56	0s37	5 34	2 31	8 32	0 52	5 47	1 9	23 22	0 22	2 32	2 46	9 44	0 31	14 20	0 33	7 4	16 43	15 43	16 8	7 7	15 34	6 59
W28	6 33	7 51	1 38	4 59	2 32	9 1	0 51	5 29	1 9	23 22	0 22	2 30	2 46	9 45	0 31	14 20	0 33	7 4	16 43	15 44	16 9	7 4	15 34	6 59
T 29	6 55	2 29	2 36	4 23	2 32	9 30	0 49	5 10	1 8	23 21	0 22	2 28	2 46	9 47	0 31	14 21	0 33	7 3	16 43	15 45	16 10	7 0	15 34	6 58
F 30	7 18	3s 0	3 26	3 46	2 32	9 59	0 47	4 52	1 8	23 21	0 22	2 27	2 46	9 48	0 31	14 21	0 33	7 3	16 43	15 47	16 11	6 57	15 35	6 57
S 31	7n40	8s27	4s 8	3s 8	2s31	10n27	0s45	4s33	1s 8	23n20	0n22	2s25	2n46	9n49	0s31	14n21	0n33	7s 2	16s43	15s50	16s12	6n54	15n35	6s57

Julian Day Number = 2305151.5, Delta T = 89.89 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'47, Lahiri = 18°15'48 Julian Calendar 1 March 1599 == Greg. Calendar 11 March 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

APRIL 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 14 38	20♈31'53	23♎56	29♓34	0♉14	21♓57	11♋55	12°R28	26♈43	23°R 8	21♈43	16°R39	15♒32	7♍49	16♋28	S 1
M 2	13 18 34	21°30'30	6♏20	1♈12	1°29	22°43	12° 2	12♎24	26°46	23♌ 8	21°45	16♒27	15°28	7°55	16°30	M 2
T 3	13 22 31	22°29'06	18°56	2°52	2°43	23°30	12° 8	12°19	26°50	23° 7	21°46	16°15	15°25	8° 2	16°32	T 3
W 4	13 26 27	23°27'39	1♐44	4°34	3°57	24°16	12°15	12°15	26°53	23° 6	21°48	16° 5	15°22	8° 9	16°35	W 4
T 5	13 30 24	24°26'12	14°43	6°17	5°11	25° 3	12°21	12°10	26°56	23° 6	21°49	15°57	15°19	8°15	16°37	T 5
F 6	13 34 21	25°24'42	27°55	8° 2	6°25	25°49	12°28	12° 6	27° 0	23° 5	21°50	15°51	15°16	8°22	16°40	F 6
S 7	13 38 17	26°23'11	11♑20	9°48	7°39	26°36	12°35	12° 1	27° 3	23° 4	21°52	15°48	15°13	8°29	16°43	S 7
S 8	13 42 14	27°21'38	25° 0	11°36	8°53	27°22	12°43	11°57	27° 7	23° 4	21°53	15°D48	15° 9	8°35	16°45	S 8
M 9	13 46 10	28°20'03	8♒55	13°26	10° 7	28° 9	12°50	11°53	27°10	23° 3	21°55	15°R48	15° 6	8°42	16°48	M 9
T 10	13 50 7	29°18'27	23° 6	15°18	11°20	28°55	12°57	11°48	27°14	23° 3	21°56	15°48	15° 3	8°49	16°51	T 10
W11	13 54 3	0♉16'50	7♓33	17°11	12°34	29°41	13° 5	11°44	27°17	23° 2	21°57	15°46	15° 0	8°55	16°54	W11
T 12	13 58 0	1°15'10	22°11	19° 6	13°48	0♈28	13°13	11°40	27°21	23° 2	21°59	15°42	14°57	9° 2	16°58	T 12
F 13	14 1 56	2°13'29	6♈56	21° 2	15° 2	1°14	13°21	11°36	27°24	23° 2	22° 0	15°36	14°53	9° 9	17° 1	F 13
S 14	14 5 53	3°11'47	21°41	23° 0	16°16	2° 0	13°28	11°32	27°28	23° 1	22° 2	15°26	14°50	9°15	17° 4	S 14
S 15	14 9 50	4°10'02	6♉19	25° 0	17°30	2°46	13°37	11°27	27°31	23° 1	22° 3	15°16	14°47	9°22	17° 8	S 15
M16	14 13 46	5° 8'16	20°40	27° 2	18°44	3°32	13°45	11°23	27°34	23° 1	22° 4	15° 4	14°44	9°29	17°11	M16
T 17	14 17 43	6° 6'29	4♊40	29° 5	19°57	4°18	13°53	11°19	27°38	23° 0	22° 6	14°53	14°41	9°35	17°15	T 17
W18	14 21 39	7° 4'39	18°15	1♉ 9	21°11	5° 4	14° 2	11°15	27°41	23° 0	22° 7	14°44	14°38	9°42	17°18	W18
T 19	14 25 36	8° 2'48	1♋24	3°15	22°25	5°50	14°10	11°12	27°45	23° 0	22° 8	14°37	14°34	9°49	17°22	T 19
F 20	14 29 32	9° 0'54	14° 8	5°22	23°38	6°36	14°19	11° 8	27°48	23° 0	22°10	14°33	14°31	9°55	17°26	F 20
S 21	14 33 29	9°58'59	26°30	7°30	24°52	7°22	14°28	11° 4	27°51	23° 0	22°11	14°31	14°28	10° 2	17°30	S 21
S 22	14 37 26	10°57'01	8♌36	9°39	26° 6	8° 8	14°37	11° 0	27°55	23° 0	22°12	14°31	14°25	10° 9	17°34	S 22
M23	14 41 22	11°55'02	20°31	11°48	27°19	8°54	14°46	10°57	27°58	23° 0	22°14	14°31	14°22	10°15	17°38	M23
T 24	14 45 19	12°53'01	2♍20	13°59	28°33	9°40	14°55	10°53	28° 2	22°D59	22°15	14°30	14°19	10°22	17°42	T 24
W25	14 49 15	13°50'58	14° 8	16° 9	29°47	10°26	15° 4	10°50	28° 5	22°59	22°16	14°28	14°15	10°29	17°46	W25
T 26	14 53 12	14°48'53	26° 1	18°20	1♊ 0	11°11	15°14	10°46	28° 8	23° 0	22°18	14°23	14°12	10°35	17°50	T 26
F 27	14 57 8	15°46'46	8♎ 2	20°30	2°14	11°57	15°23	10°43	28°12	23° 0	22°19	14°15	14° 9	10°42	17°55	F 27
S 28	15 1 5	16°44'38	20°14	22°40	3°27	12°43	15°33	10°39	28°15	23° 0	22°20	14° 5	14° 6	10°49	17°59	S 28
S 29	15 5 1	17°42'28	2♏41	24°49	4°41	13°28	15°42	10°36	28°18	23° 0	22°22	13°53	14° 3	10°55	18° 4	S 29
M30	15 8 58	18♉40'16	15♏21	26♉57	5♊54	14♈14	15♋52	10♎33	28♈22	23♌ 0	22♈23	13♒40	13♒59	11♍ 2	18♋ 8	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 2	13s38	4s40	2s28	2s30	10n55	0s43	4s15	1s 8	23n20	0n22	2s23	2n46	9n50	0s31	14n21	0n33	7s 2	16s42	15s53	16s13	6n51	15n36	6s56
M 2	8 24	18 21	4 58	1 48	2 29	11 23	0 40	3 56	1 8	23 19	0 22	2 21	2 46	9 52	0 31	14 22	0 33	7 1	16 42	15 57	16 14	6 47	15 36	6 55
T 3	8 46	22 20	5 2	1 6	2 27	11 50	0 38	3 37	1 8	23 19	0 22	2 20	2 46	9 53	0 31	14 22	0 33	7 1	16 42	16 0	16 15	6 44	15 36	6 55
W 4	9 8	25 19	4 52	0 23	2 24	12 18	0 36	3 19	1 8	23 18	0 22	2 18	2 46	9 54	0 31	14 22	0 33	7 0	16 42	16 3	16 16	6 41	15 37	6 54
T 5	9 30	27 1	4 26	0n21	2 21	12 45	0 34	3 0	1 8	23 17	0 22	2 16	2 46	9 55	0 31	14 22	0 33	7 0	16 42	16 6	16 17	6 38	15 37	6 53
F 6	9 51	27 14	3 46	1 6	2 17	13 11	0 32	2 42	1 7	23 17	0 22	2 15	2 46	9 57	0 31	14 22	0 33	6 59	16 42	16 7	16 18	6 34	15 37	6 53
S 7	10 12	25 52	2 52	1 51	2 13	13 38	0 29	2 23	1 7	23 16	0 23	2 13	2 46	9 58	0 31	14 23	0 33	6 59	16 42	16 8	16 19	6 31	15 38	6 52
S 8	10 33	22 57	1 48	2 38	2 8	14 4	0 27	2 4	1 7	23 16	0 23	2 11	2 46	9 59	0 31	14 23	0 33	6 58	16 42	16 8	16 20	6 28	15 38	6 51
M 9	10 54	18 39	0 36	3 26	2 3	14 29	0 25	1 46	1 7	23 15	0 23	2 10	2 46	10 0	0 31	14 23	0 33	6 58	16 43	16 8	16 21	6 25	15 38	6 51
T 10	11 15	13 14	0n39	4 14	1 57	14 55	0 22	1 27	1 7	23 14	0 23	2 8	2 46	10 2	0 31	14 23	0 33	6 57	16 43	16 8	16 21	6 21	15 39	6 50
W11	11 36	7 1	1 53	5 3	1 51	15 20	0 20	1 8	1 6	23 13	0 23	2 6	2 46	10 3	0 31	14 23	0 33	6 57	16 43	16 9	16 22	6 18	15 39	6 49
T 12	11 56	0 21	3 0	5 53	1 44	15 44	0 18	0 50	1 6	23 13	0 23	2 5	2 46	10 4	0 31	14 23	0 33	6 56	16 43	16 10	16 23	6 15	15 39	6 49
F 13	12 16	6n22	3 56	6 44	1 37	16 8	0 15	0 31	1 6	23 12	0 23	2 3	2 46	10 5	0 31	14 23	0 33	6 56	16 43	16 12	16 24	6 12	15 39	6 48
S 14	12 36	12 44	4 36	7 35	1 29	16 32	0 13	0 13	1 6	23 11	0 23	2 2	2 45	10 7	0 31	14 24	0 33	6 55	16 43	16 15	16 25	6 9	15 40	6 48
S 15	12 56	18 19	4 57	8 27	1 21	16 55	0 10	0n 6	1 6	23 10	0 23	2 0	2 45	10 8	0 31	14 24	0 33	6 55	16 43	16 18	16 26	6 5	15 40	6 47
M16	13 16	22 46	5 0	9 19	1 13	17 18	0 8	0 25	1 5	23 10	0 23	1 59	2 45	10 9	0 31	14 24	0 33	6 54	16 43	16 21	16 27	6 2	15 40	6 46
T 17	13 35	25 46	4 44	10 11	1 4	17 41	0 5	0 43	1 5	23 9	0 23	1 57	2 45	10 10	0 31	14 24	0 33	6 54	16 43	16 24	16 28	5 59	15 40	6 46
W18	13 54	27 9	4 12	11 3	0 54	18 3	0 3	1 2	1 5	23 8	0 23	1 56	2 45	10 12	0 31	14 24	0 33	6 54	16 43	16 27	16 29	5 56	15 40	6 45
T 19	14 13	26 56	3 27	11 55	0 45	18 24	0 1	1 20	1 5	23 7	0 23	1 55	2 45	10 13	0 31	14 24	0 33	6 53	16 43	16 29	16 30	5 52	15 40	6 45
F 20	14 32	25 17	2 34	12 48	0 35	18 45	0n 2	1 39	1 4	23 6	0 23	1 53	2 45	10 14	0 31	14 24	0 33	6 53	16 43	16 30	16 31	5 49	15 41	6 44
S 21	14 51	22 26	1 34	13 39	0 25	19 6	0 5	1 57	1 4	23 5	0 23	1 52	2 45	10 15	0 31	14 24	0 33	6 52	16 43	16 31	16 32	5 46	15 41	6 43
S 22	15 9	18 39	0 31	14 31	0 14	19 26	0 7	2 15	1 4	23 4	0 23	1 50	2 45	10 16	0 31	14 24	0 33	6 52	16 43	16 31	16 33	5 43	15 41	6 43
M23	15 27	14 11	0s32	15 21	0 4	19 46	0 10	2 34	1 4	23 3	0 23	1 49	2 44	10 18	0 31	14 24	0 33	6 52	16 43	16 31	16 34	5 39	15 41	6 42
T 24	15 44	9 13	1 33	16 11	0n 7	20 5	0 12	2 52	1 3	23 2	0 23	1 48	2 44	10 19	0 31	14 24	0 33	6 51	16 44	16 31	16 34	5 36	15 41	6 42
W25	16 2	3 57	2 30	16 59	0 17	20 23	0 15	3 10	1 3	23 1	0 23	1 47	2 44	10 20	0 31	14 24	0 33	6 51	16 44	16 32	16 35	5 33	15 41	6 41
T 26	16 19	1s29	3 21	17 46	0 28	20 41	0 17	3 29	1 3	23 0	0 23	1 45	2 44	10 21	0 31	14 24	0 33	6 51	16 44	16 33	16 36	5 30	15 41	6 41
F 27	16 36	6 55	4 3	18 32	0 38	20 58	0 20	3 47	1 2	22 59	0 23	1 44	2 44	10 22	0 31	14 24	0 33	6 50	16 44	16 35	16 37	5 26	15 41	6 40
S 28	16 53	12 10	4 35	19 16	0 48	21 15	0 22	4 5	1 2	22 58	0 23	1 43	2 44	10 24	0 31	14 24	0 33	6 50	16 44	16 38	16 38	5 23	15 41	6 39
S 29	17 9	17 2	4 55	19 57	0 58	21 31	0 25	4 23	1 2	22 57	0 23	1 42	2 43	10 25	0 31	14 24	0 33	6 50	16 44	16 42	16 39	5 20	15 41	6 39
M30	17n25	21s15	5s 0	20n37	1n 8	21n47	0n27	4n41	1s 1	22n56	0n23	1s41	2n43	10n26	0s31	14n24	0n33	6s49	16s44	16s46	16s40	5n17	15n41	6s38

Julian Day Number = 2305182.5, Delta T = 89.78 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'51, Lahiri = 18°15'52 Julian Calendar 1 Apr. 1599 == Greg. Calendar 11 Apr. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

MAY 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 12 54	19♉38'03	28♏16	29♉ 3	7♊ 8	14♈59	16♋ 2	10°R30	28♈25	23♌ 0	22♈24	13°R27	13♒56	11♍ 9	18♋13	T 1
W 2	15 16 51	20°35'49	11♐24	1♊ 8	8°21	15°45	16°12	10♎27	28°28	23° 0	22°25	13♒16	13°53	11°15	18°18	W 2
T 3	15 20 48	21°33'34	24°44	3°11	9°34	16°30	16°22	10°24	28°31	23° 1	22°27	13° 7	13°50	11°22	18°22	T 3
F 4	15 24 44	22°31'17	8♑15	5°12	10°48	17°15	16°32	10°21	28°35	23° 1	22°28	13° 1	13°47	11°28	18°27	F 4
S 5	15 28 41	23°28'59	21°55	7°11	12° 1	18° 1	16°42	10°19	28°38	23° 1	22°29	12°57	13°44	11°35	18°32	S 5
S 6	15 32 37	24°26'40	5♒44	9° 7	13°14	18°46	16°53	10°16	28°41	23° 2	22°30	12°56	13°40	11°42	18°37	S 6
M 7	15 36 34	25°24'20	19°41	11° 1	14°28	19°31	17° 3	10°13	28°44	23° 2	22°32	12°56	13°37	11°48	18°42	M 7
T 8	15 40 30	26°21'59	3♓47	12°52	15°41	20°16	17°14	10°11	28°47	23° 3	22°33	12°56	13°34	11°55	18°47	T 8
W 9	15 44 27	27°19'37	17°59	14°40	16°54	21° 2	17°24	10° 8	28°51	23° 3	22°34	12°54	13°31	12° 2	18°52	W 9
T 10	15 48 23	28°17'14	2♈18	16°25	18° 7	21°47	17°35	10° 6	28°54	23° 3	22°35	12°51	13°28	12° 8	18°58	T 10
F 11	15 52 20	29°14'50	16°39	18° 8	19°21	22°32	17°46	10° 4	28°57	23° 4	22°36	12°45	13°24	12°15	19° 3	F 11
S 12	15 56 17	0♊12'25	0♉59	19°47	20°34	23°17	17°57	10° 2	29° 0	23° 5	22°38	12°36	13°21	12°22	19° 8	S 12
S 13	16 0 13	1° 9'59	15°12	21°24	21°47	24° 1	18° 7	10° 0	29° 3	23° 5	22°39	12°26	13°18	12°28	19°14	S 13
M14	16 4 10	2° 7'32	29°13	22°58	23° 0	24°46	18°18	9°58	29° 6	23° 6	22°40	12°15	13°15	12°35	19°19	M14
T 15	16 8 6	3° 5'04	12♊57	24°28	24°13	25°31	18°30	9°56	29° 9	23° 6	22°41	12° 4	13°12	12°42	19°25	T 15
W16	16 12 3	4° 2'35	26°20	25°55	25°26	26°16	18°41	9°54	29°12	23° 7	22°42	11°55	13° 9	12°48	19°30	W16
T 17	16 15 59	5° 0'05	9♋22	27°20	26°39	27° 1	18°52	9°52	29°15	23° 8	22°43	11°49	13° 5	12°55	19°36	T 17
F 18	16 19 56	5°57'34	22° 3	28°41	27°52	27°45	19° 3	9°51	29°18	23° 9	22°44	11°45	13° 2	13° 2	19°42	F 18
S 19	16 23 53	6°55'01	4♌24	29°59	29° 5	28°30	19°15	9°49	29°21	23° 9	22°45	11°43	12°59	13° 8	19°48	S 19
S 20	16 27 49	7°52'27	16°31	1♋13	0♋18	29°14	19°26	9°48	29°24	23°10	22°46	11°D43	12°56	13°15	19°53	S 20
M21	16 31 46	8°49'52	28°26	2°24	1°31	29°59	19°38	9°46	29°26	23°11	22°47	11°43	12°53	13°22	19°59	M21
T 22	16 35 42	9°47'16	10♍17	3°32	2°44	0♉43	19°49	9°45	29°29	23°12	22°48	11°R44	12°50	13°28	20° 5	T 22
W23	16 39 39	10°44'39	22° 7	4°37	3°57	1°28	20° 1	9°44	29°32	23°13	22°49	11°43	12°46	13°35	20°11	W23
T 24	16 43 35	11°42'01	4♎ 2	5°38	5°10	2°12	20°13	9°43	29°35	23°14	22°50	11°41	12°43	13°42	20°17	T 24
F 25	16 47 32	12°39'21	16° 7	6°35	6°23	2°56	20°24	9°42	29°38	23°15	22°51	11°36	12°40	13°48	20°23	F 25
S 26	16 51 28	13°36'41	28°25	7°29	7°36	3°40	20°36	9°41	29°40	23°16	22°52	11°29	12°37	13°55	20°29	S 26
S 27	16 55 25	14°33'59	11♏ 1	8°19	8°48	4°24	20°48	9°41	29°43	23°17	22°53	11°20	12°34	14° 2	20°35	S 27
M28	16 59 22	15°31'17	23°54	9° 5	10° 1	5° 8	21° 0	9°40	29°46	23°18	22°54	11°11	12°30	14° 8	20°42	M28
T 29	17 3 18	16°28'34	7♐ 6	9°47	11°14	5°52	21°12	9°39	29°48	23°19	22°55	11° 2	12°27	14°15	20°48	T 29
W30	17 7 15	17°25'51	20°35	10°26	12°27	6°36	21°24	9°39	29°51	23°20	22°56	10°53	12°24	14°22	20°54	W30
T 31	17 11 11	18♊23'06	4♑18	11♋ 0	13♋39	7♉20	21♋36	9♎39	29♈53	23♌21	22♈57	10♒47	12♒21	14♍28	21♋ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n41	24s32	4s50	21n15	1n17	22n 2	0n30	4n59	1s 1	22n55	0n24	1s40	2n43	10n27	0s31	14n24	0n33	6s49	16s44	16s49	16s41	5n13	15n41	6s38
W 2	17 56	26 35	4 25	21 50	1 25	22 16	0 32	5 17	1 1	22 54	0 24	1 39	2 43	10 28	0 31	14 24	0 33	6 49	16 45	16 52	16 42	5 10	15 41	6 37
T 3	18 12	27 9	3 45	22 22	1 33	22 30	0 35	5 34	1 0	22 53	0 24	1 38	2 43	10 29	0 31	14 24	0 33	6 48	16 45	16 55	16 43	5 7	15 40	6 37
F 4	18 27	26 6	2 52	22 52	1 41	22 43	0 37	5 52	1 0	22 52	0 24	1 37	2 43	10 31	0 31	14 23	0 33	6 48	16 45	16 57	16 44	5 4	15 40	6 36
S 5	18 41	23 30	1 49	23 19	1 48	22 56	0 39	6 10	1 0	22 50	0 24	1 36	2 42	10 32	0 31	14 23	0 33	6 48	16 45	16 58	16 45	5 0	15 40	6 36
S 6	18 55	19 30	0 38	23 44	1 54	23 8	0 42	6 27	0 59	22 49	0 24	1 35	2 42	10 33	0 31	14 23	0 33	6 47	16 45	16 58	16 45	4 57	15 40	6 35
M 7	19 9	14 23	0n36	24 6	1 59	23 19	0 44	6 45	0 59	22 48	0 24	1 34	2 42	10 34	0 31	14 23	0 33	6 47	16 45	16 58	16 46	4 54	15 40	6 35
T 8	19 23	8 28	1 48	24 26	2 4	23 30	0 47	7 2	0 58	22 46	0 24	1 34	2 42	10 35	0 31	14 23	0 33	6 47	16 46	16 58	16 47	4 51	15 40	6 34
W 9	19 36	2 5	2 54	24 43	2 7	23 39	0 49	7 20	0 58	22 45	0 24	1 33	2 42	10 36	0 31	14 23	0 33	6 47	16 46	16 59	16 48	4 47	15 39	6 34
T 10	19 49	4n26	3 50	24 58	2 10	23 49	0 51	7 37	0 58	22 44	0 24	1 32	2 41	10 37	0 31	14 23	0 33	6 46	16 46	17 0	16 49	4 44	15 39	6 33
F 11	20 2	10 44	4 32	25 10	2 13	23 57	0 53	7 54	0 57	22 42	0 24	1 31	2 41	10 38	0 31	14 22	0 33	6 46	16 46	17 1	16 50	4 41	15 39	6 33
S 12	20 14	16 27	4 56	25 20	2 14	24 5	0 56	8 11	0 57	22 41	0 24	1 31	2 41	10 40	0 31	14 22	0 33	6 46	16 46	17 4	16 51	4 38	15 39	6 33
S 13	20 26	21 14	5 1	25 27	2 15	24 12	0 58	8 28	0 56	22 40	0 24	1 30	2 41	10 41	0 31	14 22	0 33	6 46	16 47	17 7	16 52	4 34	15 38	6 32
M14	20 38	24 43	4 49	25 33	2 15	24 18	1 0	8 45	0 56	22 38	0 24	1 30	2 40	10 42	0 31	14 22	0 33	6 46	16 47	17 10	16 53	4 31	15 38	6 32
T 15	20 49	26 42	4 20	25 36	2 14	24 24	1 2	9 2	0 55	22 37	0 24	1 29	2 40	10 43	0 31	14 22	0 33	6 45	16 47	17 13	16 54	4 28	15 38	6 31
W16	21 0	27 3	3 37	25 38	2 12	24 29	1 4	9 18	0 55	22 35	0 24	1 29	2 40	10 44	0 31	14 21	0 33	6 45	16 47	17 15	16 55	4 25	15 37	6 31
T 17	21 11	25 53	2 43	25 37	2 9	24 33	1 6	9 35	0 54	22 34	0 24	1 28	2 40	10 45	0 31	14 21	0 33	6 45	16 47	17 17	16 55	4 21	15 37	6 30
F 18	21 21	23 23	1 43	25 35	2 6	24 37	1 9	9 51	0 54	22 32	0 24	1 28	2 40	10 46	0 31	14 21	0 33	6 45	16 48	17 18	16 56	4 18	15 37	6 30
S 19	21 31	19 50	0 39	25 31	2 2	24 40	1 11	10 8	0 54	22 31	0 24	1 27	2 39	10 47	0 31	14 21	0 33	6 45	16 48	17 19	16 57	4 15	15 36	6 30
S 20	21 40	15 31	0s26	25 26	1 57	24 42	1 12	10 24	0 53	22 29	0 24	1 27	2 39	10 48	0 31	14 20	0 33	6 44	16 48	17 19	16 58	4 12	15 36	6 29
M21	21 49	10 40	1 28	25 19	1 51	24 43	1 14	10 40	0 53	22 27	0 24	1 27	2 39	10 49	0 31	14 20	0 33	6 44	16 48	17 19	16 59	4 8	15 35	6 29
T 22	21 58	5 28	2 27	25 11	1 44	24 44	1 16	10 56	0 52	22 26	0 25	1 26	2 39	10 50	0 31	14 20	0 33	6 44	16 49	17 18	17 0	4 5	15 35	6 28
W23	22 6	0 6	3 19	25 2	1 37	24 44	1 18	11 12	0 52	22 24	0 25	1 26	2 38	10 51	0 31	14 19	0 33	6 44	16 49	17 19	17 1	4 2	15 34	6 28
T 24	22 14	5s19	4 2	24 51	1 29	24 43	1 20	11 28	0 51	22 22	0 25	1 26	2 38	10 52	0 31	14 19	0 33	6 44	16 49	17 19	17 2	3 59	15 34	6 28
F 25	22 22	10 35	4 36	24 40	1 20	24 42	1 22	11 44	0 51	22 21	0 25	1 26	2 38	10 53	0 31	14 19	0 33	6 44	16 49	17 21	17 3	3 55	15 33	6 27
S 26	22 29	15 34	4 57	24 27	1 11	24 40	1 23	11 59	0 50	22 19	0 25	1 26	2 38	10 54	0 31	14 19	0 33	6 44	16 50	17 23	17 4	3 52	15 33	6 27
S 27	22 36	19 59	5 5	24 14	1 0	24 37	1 25	12 14	0 50	22 17	0 25	1 26	2 37	10 55	0 31	14 18	0 33	6 44	16 50	17 25	17 4	3 49	15 32	6 27
M28	22 42	23 36	4 58	24 0	0 49	24 33	1 26	12 30	0 49	22 15	0 25	1 26	2 37	10 56	0 31	14 18	0 33	6 43	16 50	17 28	17 5	3 46	15 32	6 26
T 29	22 48	26 3	4 35	23 45	0 38	24 29	1 28	12 45	0 48	22 14	0 25	1 26	2 37	10 56	0 31	14 17	0 33	6 43	16 50	17 30	17 6	3 42	15 31	6 26
W30	22 54	27 5	3 56	23 30	0 25	24 24	1 29	13 0	0 48	22 12	0 25	1 26	2 37	10 57	0 31	14 17	0 33	6 43	16 51	17 32	17 7	3 39	15 31	6 26
T 31	22n59	26s28	3s 3	23n14	0n12	24n18	1n31	13n15	0s47	22n10	0n25	1s26	2n36	10n58	0s31	14n17	0n33	6s43	16s51	17s34	17s 8	3n36	15n30	6s25

Julian Day Number = 2305212.5, Delta T = 89.67 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'56, Lahiri = 18°15'56 Julian Calendar 1 May 1599 == Greg. Calendar 11 May 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

JUNE 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 15 8	19♊20'22	18♉13	11♋29	14♋52	8♉ 4	21♋48	9°R39	29♈56	23♏22	22♈58	10°R43	12♒18	14♍35	21♋ 7	F 1
S 2	17 19 4	20°17'37	2♒17	11°55	16° 4	8°48	22° 0	9♎38	29°58	23°23	22°59	10♒41	12°15	14°42	21°13	S 2
S 3	17 23 1	21°14'51	16°25	12°16	17°17	9°32	22°13	9°D38	0♉ 1	23°25	22°59	10°D40	12°11	14°48	21°20	S 3
M 4	17 26 57	22°12'05	0♓36	12°33	18°30	10°15	22°25	9°38	0° 3	23°26	23° 0	10°41	12° 8	14°55	21°26	M 4
T 5	17 30 54	23° 9'19	14°48	12°45	19°42	10°59	22°37	9°39	0° 6	23°27	23° 1	10°42	12° 5	15° 2	21°33	T 5
W 6	17 34 51	24° 6'33	28°58	12°52	20°55	11°42	22°50	9°39	0° 8	23°28	23° 2	10°R42	12° 2	15° 8	21°39	W 6
T 7	17 38 47	25° 3'47	13♈ 5	12°R55	22° 7	12°26	23° 2	9°39	0°10	23°30	23° 3	10°41	11°59	15°15	21°46	T 7
F 8	17 42 44	26° 1'01	27° 8	12°54	23°19	13° 9	23°15	9°40	0°13	23°31	23° 3	10°38	11°56	15°22	21°52	F 8
S 9	17 46 40	26°58'15	11♉ 4	12°48	24°32	13°52	23°27	9°40	0°15	23°32	23° 4	10°33	11°52	15°28	21°59	S 9
S 10	17 50 37	27°55'28	24°51	12°37	25°44	14°36	23°40	9°41	0°17	23°34	23° 5	10°26	11°49	15°35	22° 6	S 10
M11	17 54 33	28°52'42	8♊25	12°23	26°56	15°19	23°52	9°42	0°19	23°35	23° 5	10°20	11°46	15°42	22°12	M11
T 12	17 58 30	29°49'55	21°45	12° 4	28° 9	16° 2	24° 5	9°43	0°21	23°37	23° 6	10°13	11°43	15°48	22°19	T 12
W13	18 2 26	0♋47'09	4♋50	11°42	29°21	16°45	24°18	9°44	0°23	23°38	23° 7	10° 8	11°40	15°55	22°26	W13
T 14	18 6 23	1°44'22	17°37	11°16	0♌33	17°28	24°31	9°45	0°26	23°40	23° 7	10° 4	11°36	16° 2	22°33	T 14
F 15	18 10 20	2°41'35	0♌ 8	10°46	1°46	18°11	24°43	9°46	0°28	23°41	23° 8	10° 2	11°33	16° 8	22°40	F 15
S 16	18 14 16	3°38'47	12°23	10°15	2°58	18°54	24°56	9°47	0°30	23°43	23° 9	10°D 1	11°30	16°15	22°46	S 16
S 17	18 18 13	4°35'59	24°27	9°41	4°10	19°37	25° 9	9°48	0°31	23°44	23° 9	10° 2	11°27	16°22	22°53	S 17
M18	18 22 9	5°33'11	6♍22	9° 5	5°22	20°19	25°22	9°50	0°33	23°46	23°10	10° 4	11°24	16°29	23° 0	M18
T 19	18 26 6	6°30'23	18°12	8°28	6°34	21° 2	25°35	9°51	0°35	23°48	23°10	10° 5	11°21	16°35	23° 7	T 19
W20	18 30 2	7°27'35	0♎ 2	7°51	7°46	21°44	25°48	9°53	0°37	23°49	23°11	10° 6	11°17	16°42	23°14	W20
T 21	18 33 59	8°24'46	11°58	7°14	8°58	22°27	26° 1	9°55	0°39	23°51	23°11	10°R 7	11°14	16°49	23°21	T 21
F 22	18 37 55	9°21'57	24° 4	6°38	10°10	23° 9	26°14	9°57	0°40	23°53	23°12	10° 6	11°11	16°55	23°28	F 22
S 23	18 41 52	10°19'08	6♏24	6° 4	11°22	23°52	26°27	9°59	0°42	23°54	23°12	10° 3	11° 8	17° 2	23°35	S 23
S 24	18 45 49	11°16'19	19° 3	5°31	12°34	24°34	26°40	10° 1	0°44	23°56	23°13	10° 0	11° 5	17° 9	23°42	S 24
M25	18 49 45	12°13'30	2♐ 2	5° 1	13°45	25°16	26°53	10° 3	0°45	23°58	23°13	9°56	11° 2	17°15	23°49	M25
T 26	18 53 42	13°10'41	15°24	4°35	14°57	25°58	27° 6	10° 5	0°47	24° 0	23°13	9°52	10°58	17°22	23°56	T 26
W27	18 57 38	14° 7'52	29° 8	4°12	16° 9	26°40	27°19	10° 7	0°48	24° 1	23°14	9°48	10°55	17°29	24° 3	W27
T 28	19 1 35	15° 5'04	13♑12	3°53	17°21	27°22	27°32	10°10	0°50	24° 3	23°14	9°45	10°52	17°35	24°10	T 28
F 29	19 5 31	16° 2'15	27°30	3°38	18°32	28° 4	27°45	10°12	0°51	24° 5	23°14	9°44	10°49	17°42	24°17	F 29
S 30	19 9 28	16♋59'27	12♒ 0	3♋29	19♌44	28♉46	27♋58	10♎15	0♉53	24♌ 7	23♈15	9°D44	10♒46	17♍49	24♋25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 4	24s12	1s58	22n58	0s 1	24n11	1n32	13n29	0s47	22n 8	0n25	1s26	2n36	10n59	0s31	14n16	0n33	6s43	16s51	17s35	17s 9	3n32	15n29	6s25	F 1
S 2	23 8	20 26	0 45	22 42	0 15	24 4	1 33	13 44	0 46	22 6	0 25	1 26	2 36	11 0	0 31	14 16	0 33	6 43	16 51	17 36	17 10	3 29	15 29	6 25	S 2
S 3	23 12	15 27	0n31	22 26	0 30	23 56	1 35	13 58	0 46	22 4	0 25	1 26	2 36	11 1	0 31	14 15	0 33	6 43	16 52	17 36	17 11	3 26	15 28	6 24	S 3
M 4	23 16	9 38	1 45	22 9	0 45	23 48	1 36	14 13	0 45	22 2	0 25	1 27	2 35	11 2	0 31	14 15	0 33	6 43	16 52	17 36	17 12	3 23	15 27	6 24	M 4
T 5	23 19	3 20	2 54	21 52	1 1	23 38	1 37	14 27	0 45	22 0	0 25	1 27	2 35	11 3	0 31	14 15	0 33	6 43	16 52	17 35	17 13	3 19	15 27	6 24	T 5
W 6	23 22	3n 7	3 51	21 36	1 17	23 28	1 38	14 41	0 44	21 58	0 25	1 27	2 35	11 3	0 31	14 14	0 33	6 43	16 53	17 35	17 13	3 16	15 26	6 24	W 6
T 7	23 24	9 23	4 34	21 19	1 33	23 18	1 39	14 55	0 43	21 56	0 25	1 28	2 35	11 4	0 31	14 14	0 33	6 43	16 53	17 36	17 14	3 13	15 25	6 23	T 7
F 8	23 26	15 8	5 0	21 3	1 49	23 6	1 40	15 9	0 43	21 54	0 25	1 28	2 34	11 5	0 31	14 13	0 33	6 43	16 53	17 37	17 15	3 10	15 24	6 23	F 8
S 9	23 27	20 4	5 9	20 48	2 5	22 55	1 40	15 22	0 42	21 52	0 26	1 29	2 34	11 6	0 31	14 13	0 33	6 43	16 53	17 38	17 16	3 6	15 24	6 23	S 9
S 10	23 29	23 51	4 59	20 33	2 22	22 42	1 41	15 36	0 42	21 50	0 26	1 29	2 34	11 6	0 31	14 12	0 33	6 43	16 54	17 40	17 17	3 3	15 23	6 23	S 10
M11	23 29	26 15	4 33	20 18	2 38	22 29	1 42	15 49	0 41	21 48	0 26	1 30	2 34	11 7	0 31	14 12	0 33	6 43	16 54	17 42	17 18	3 0	15 22	6 22	M11
T 12	23 30	27 6	3 52	20 4	2 54	22 15	1 42	16 2	0 40	21 46	0 26	1 30	2 33	11 8	0 31	14 11	0 33	6 43	16 54	17 43	17 19	2 57	15 21	6 22	T 12
W13	23 29	26 24	2 59	19 51	3 9	22 0	1 43	16 15	0 40	21 44	0 26	1 31	2 33	11 9	0 31	14 11	0 33	6 43	16 55	17 45	17 20	2 53	15 20	6 22	W13
T 14	23 29	24 18	1 59	19 38	3 24	21 45	1 43	16 28	0 39	21 41	0 26	1 32	2 33	11 9	0 31	14 10	0 33	6 43	16 55	17 46	17 20	2 50	15 19	6 22	T 14
F 15	23 28	21 3	0 54	19 26	3 37	21 30	1 44	16 40	0 38	21 39	0 26	1 32	2 33	11 10	0 31	14 10	0 33	6 44	16 55	17 46	17 21	2 47	15 19	6 21	F 15
S 16	23 27	16 55	0s13	19 16	3 51	21 14	1 44	16 53	0 38	21 37	0 26	1 33	2 32	11 11	0 31	14 9	0 33	6 44	16 56	17 46	17 22	2 44	15 18	6 21	S 16
S 17	23 25	12 11	1 18	19 6	4 3	20 57	1 44	17 5	0 37	21 35	0 26	1 34	2 32	11 11	0 31	14 9	0 33	6 44	16 56	17 46	17 23	2 40	15 17	6 21	S 17
M18	23 23	7 3	2 19	18 58	4 13	20 39	1 44	17 17	0 36	21 32	0 26	1 35	2 32	11 12	0 31	14 8	0 32	6 44	16 56	17 46	17 24	2 37	15 16	6 21	M18
T 19	23 20	1 42	3 14	18 51	4 23	20 21	1 44	17 29	0 36	21 30	0 26	1 35	2 32	11 13	0 32	14 8	0 32	6 44	16 57	17 45	17 25	2 34	15 15	6 21	T 19
W20	23 17	3s41	4 0	18 45	4 31	20 3	1 44	17 41	0 35	21 28	0 26	1 36	2 31	11 13	0 32	14 7	0 32	6 44	16 57	17 45	17 26	2 31	15 14	6 21	W20
T 21	23 14	8 59	4 36	18 40	4 38	19 44	1 44	17 52	0 34	21 25	0 26	1 37	2 31	11 14	0 32	14 7	0 32	6 44	16 57	17 45	17 27	2 27	15 13	6 20	T 21
F 22	23 10	14 1	5 1	18 37	4 43	19 24	1 44	18 4	0 34	21 23	0 26	1 38	2 31	11 14	0 32	14 6	0 32	6 44	16 58	17 45	17 27	2 24	15 12	6 20	F 22
S 23	23 5	18 36	5 12	18 35	4 46	19 4	1 44	18 15	0 33	21 21	0 26	1 39	2 31	11 15	0 32	14 6	0 32	6 44	16 58	17 46	17 28	2 21	15 11	6 20	S 23
S 24	23 1	22 28	5 9	18 35	4 48	18 44	1 43	18 26	0 32	21 18	0 26	1 40	2 30	11 16	0 32	14 5	0 32	6 45	16 58	17 47	17 29	2 18	15 10	6 20	S 24
M25	22 56	25 21	4 50	18 36	4 49	18 23	1 43	18 37	0 32	21 16	0 27	1 41	2 30	11 16	0 32	14 4	0 32	6 45	16 59	17 48	17 30	2 14	15 9	6 20	M25
T 26	22 50	26 55	4 15	18 38	4 47	18 1	1 42	18 47	0 31	21 13	0 27	1 42	2 30	11 17	0 32	14 4	0 32	6 45	16 59	17 49	17 31	2 11	15 8	6 20	T 26
W27	22 44	26 54	3 25	18 41	4 44	17 39	1 42	18 58	0 30	21 11	0 27	1 43	2 30	11 17	0 32	14 3	0 32	6 45	16 59	17 50	17 32	2 8	15 7	6 20	W27
T 28	22 38	25 10	2 21	18 46	4 40	17 17	1 41	19 8	0 29	21 8	0 27	1 45	2 29	11 18	0 32	14 3	0 32	6 45	17 0	17 51	17 33	2 5	15 6	6 20	T 28
F 29	22 32	21 48	1 7	18 52	4 34	16 54	1 40	19 18	0 29	21 6	0 27	1 46	2 29	11 18	0 32	14 2	0 32	6 46	17 0	17 51	17 34	2 1	15 5	6 20	F 29
S 30	22n25	17s 2	0n13	18n59	4s27	16n30	1n39	19n28	0s28	21n 3	0n27	1s47	2n29	11n19	0s32	14n 1	0n32	6s46	17s 0	17s51	17s34	1n58	15n 3	6s19	S 30

Julian Day Number = 2305243.5, Delta T = 89.55 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'00, Lahiri = 18°16'00 Julian Calendar 1 June 1599 == Greg. Calendar 11 June 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

JULY 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 13 25	17♋56'40	26♒34	3°D24	20♌55	29♉28	28♋11	10♎18	0♉54	24♌ 9	23♈15	9♒44	10♒42	17♍55	24♋32	S 1
M 2	19 17 21	18°53'53	11♓ 7	3♋25	22° 7	0♊10	28°24	10°20	0°55	24°11	23°15	9°45	10°39	18° 2	24°39	M 2
T 3	19 21 18	19°51'07	25°34	3°31	23°18	0°51	28°38	10°23	0°57	24°12	23°16	9°47	10°36	18° 9	24°46	T 3
W 4	19 25 14	20°48'21	9♈53	3°43	24°30	1°33	28°51	10°26	0°58	24°14	23°16	9°47	10°33	18°15	24°53	W 4
T 5	19 29 11	21°45'36	24° 0	4° 1	25°41	2°14	29° 4	10°29	0°59	24°16	23°16	9°R48	10°30	18°22	25° 0	T 5
F 6	19 33 7	22°42'52	7♉54	4°24	26°52	2°56	29°17	10°32	1° 0	24°18	23°16	9°47	10°27	18°29	25° 8	F 6
S 7	19 37 4	23°40'10	21°33	4°53	28° 4	3°37	29°30	10°36	1° 1	24°20	23°16	9°46	10°23	18°35	25°15	S 7
S 8	19 41 0	24°37'28	4♊58	5°28	29°15	4°18	29°44	10°39	1° 2	24°22	23°16	9°44	10°20	18°42	25°22	S 8
M 9	19 44 57	25°34'46	18° 9	6° 8	0♍26	4°59	29°57	10°42	1° 3	24°24	23°17	9°42	10°17	18°49	25°29	M 9
T 10	19 48 54	26°32'06	1♋ 6	6°54	1°37	5°40	0♌10	10°46	1° 4	24°26	23°17	9°40	10°14	18°55	25°36	T 10
W11	19 52 50	27°29'27	13°48	7°46	2°48	6°21	0°24	10°49	1° 5	24°28	23°17	9°39	10°11	19° 2	25°43	W11
T 12	19 56 47	28°26'48	26°18	8°43	3°59	7° 2	0°37	10°53	1° 6	24°30	23°17	9°38	10° 8	19° 9	25°51	T 12
F 13	20 0 43	29°24'10	8♌35	9°46	5°10	7°43	0°50	10°57	1° 6	24°32	23°17	9°D38	10° 4	19°15	25°58	F 13
S 14	20 4 40	0♌21'32	20°42	10°54	6°21	8°24	1° 3	11° 1	1° 7	24°34	23°R17	9°38	10° 1	19°22	26° 5	S 14
S 15	20 8 36	1°18'56	2♍40	12° 7	7°32	9° 4	1°17	11° 5	1° 8	24°36	23°17	9°39	9°58	19°29	26°12	S 15
M16	20 12 33	2°16'20	14°32	13°25	8°42	9°45	1°30	11° 8	1° 8	24°38	23°17	9°39	9°55	19°35	26°19	M16
T 17	20 16 29	3°13'44	26°22	14°48	9°53	10°26	1°43	11°13	1° 9	24°41	23°17	9°40	9°52	19°42	26°27	T 17
W18	20 20 26	4°11'10	8♎12	16°16	11° 4	11° 6	1°56	11°17	1° 9	24°43	23°17	9°41	9°48	19°49	26°34	W18
T 19	20 24 23	5° 8'36	20° 7	17°49	12°14	11°46	2°10	11°21	1°10	24°45	23°17	9°41	9°45	19°55	26°41	T 19
F 20	20 28 19	6° 6'03	2♏11	19°25	13°25	12°26	2°23	11°25	1°10	24°47	23°17	9°R41	9°42	20° 2	26°48	F 20
S 21	20 32 16	7° 3'30	14°30	21° 6	14°35	13° 7	2°36	11°30	1°11	24°49	23°16	9°41	9°39	20° 9	26°55	S 21
S 22	20 36 12	8° 0'59	27° 6	22°51	15°46	13°47	2°49	11°34	1°11	24°51	23°16	9°41	9°36	20°15	27° 2	S 22
M23	20 40 9	8°58'28	10♐ 5	24°38	16°56	14°27	3° 3	11°38	1°11	24°53	23°16	9°41	9°33	20°22	27° 9	M23
T 24	20 44 5	9°55'58	23°27	26°29	18° 6	15° 7	3°16	11°43	1°11	24°55	23°16	9°D41	9°29	20°29	27°17	T 24
W25	20 48 2	10°53'29	7♑16	28°23	19°16	15°46	3°29	11°48	1°12	24°58	23°16	9°41	9°26	20°36	27°24	W25
T 26	20 51 58	11°51'01	21°29	0♌19	20°27	16°26	3°42	11°52	1°12	25° 0	23°15	9°41	9°23	20°42	27°31	T 26
F 27	20 55 55	12°48'34	6♒ 3	2°17	21°37	17° 6	3°55	11°57	1°12	25° 2	23°15	9°R41	9°20	20°49	27°38	F 27
S 28	20 59 52	13°46'08	20°53	4°16	22°47	17°45	4° 9	12° 2	1°R12	25° 4	23°15	9°41	9°17	20°56	27°45	S 28
S 29	21 3 48	14°43'43	5♓51	6°17	23°56	18°25	4°22	12° 7	1°12	25° 6	23°15	9°41	9°14	21° 2	27°52	S 29
M30	21 7 45	15°41'19	20°48	8°18	25° 6	19° 4	4°35	12°12	1°12	25° 9	23°14	9°40	9°10	21° 9	27°59	M30
T 31	21 11 41	16♌38'57	5♈38	10♌20	26♍16	19♊43	4♌48	12♎17	1♉12	25♌11	23♈14	9♒40	9♒ 7	21♍16	28♋ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n17	11s15	1n31	19n 8	4s19	16n 7	1n39	19n38	0s27	21n 1	0n27	1s48	2n29	11n19	0s32	14n 1	0n32	6s46	17s 1	17s51	17s35	1n55	15n 2	6s19
M 2	22 9	4 53	2 45	19 17	4 10	15 42	1 38	19 48	0 27	20 58	0 27	1 50	2 28	11 19	0 32	14 0	0 32	6 46	17 1	17 51	17 36	1 52	15 1	6 19
T 3	22 1	1n42	3 47	19 27	4 0	15 18	1 36	19 57	0 26	20 55	0 27	1 51	2 28	11 20	0 32	14 0	0 32	6 46	17 1	17 50	17 37	1 48	15 0	6 19
W 4	21 53	8 7	4 34	19 38	3 48	14 53	1 35	20 6	0 25	20 53	0 27	1 52	2 28	11 20	0 32	13 59	0 32	6 47	17 2	17 50	17 38	1 45	14 59	6 19
T 5	21 44	14 2	5 4	19 50	3 36	14 28	1 34	20 15	0 24	20 50	0 27	1 54	2 28	11 21	0 32	13 58	0 32	6 47	17 2	17 50	17 39	1 42	14 58	6 19
F 6	21 35	19 8	5 16	20 2	3 24	14 2	1 33	20 24	0 24	20 47	0 27	1 55	2 28	11 21	0 32	13 58	0 32	6 47	17 2	17 50	17 40	1 39	14 56	6 19
S 7	21 25	23 10	5 9	20 14	3 10	13 36	1 31	20 33	0 23	20 45	0 27	1 57	2 27	11 21	0 32	13 57	0 32	6 47	17 3	17 51	17 41	1 35	14 55	6 19
S 8	21 15	25 51	4 46	20 26	2 57	13 10	1 30	20 41	0 22	20 42	0 28	1 58	2 27	11 22	0 32	13 56	0 32	6 48	17 3	17 51	17 41	1 32	14 54	6 19
M 9	21 4	27 4	4 8	20 39	2 43	12 43	1 28	20 50	0 21	20 39	0 28	2 0	2 27	11 22	0 32	13 56	0 32	6 48	17 3	17 52	17 42	1 29	14 53	6 19
T 10	20 54	26 47	3 17	20 51	2 28	12 16	1 26	20 58	0 20	20 37	0 28	2 1	2 27	11 22	0 32	13 55	0 32	6 48	17 4	17 52	17 43	1 26	14 51	6 19
W11	20 43	25 4	2 18	21 3	2 13	11 49	1 24	21 6	0 20	20 34	0 28	2 3	2 26	11 23	0 32	13 54	0 32	6 49	17 4	17 52	17 44	1 22	14 50	6 19
T 12	20 31	22 8	1 13	21 14	1 59	11 21	1 23	21 13	0 19	20 31	0 28	2 5	2 26	11 23	0 32	13 54	0 32	6 49	17 4	17 53	17 45	1 19	14 49	6 19
F 13	20 19	18 15	0 6	21 25	1 44	10 53	1 21	21 21	0 18	20 28	0 28	2 6	2 26	11 23	0 32	13 53	0 32	6 49	17 5	17 53	17 46	1 16	14 47	6 19
S 14	20 7	13 40	1s 1	21 34	1 29	10 25	1 19	21 28	0 17	20 25	0 28	2 8	2 26	11 23	0 32	13 52	0 33	6 49	17 5	17 53	17 47	1 13	14 46	6 19
S 15	19 55	8 37	2 4	21 43	1 14	9 57	1 17	21 35	0 17	20 23	0 28	2 10	2 25	11 24	0 32	13 52	0 33	6 50	17 5	17 53	17 47	1 10	14 45	6 19
M16	19 42	3 18	3 2	21 50	0 59	9 28	1 14	21 42	0 16	20 20	0 28	2 11	2 25	11 24	0 32	13 51	0 33	6 50	17 6	17 52	17 48	1 6	14 43	6 19
T 17	19 29	2s 5	3 51	21 55	0 45	8 59	1 12	21 49	0 15	20 17	0 28	2 13	2 25	11 24	0 32	13 50	0 33	6 50	17 6	17 52	17 49	1 3	14 42	6 19
W18	19 15	7 24	4 31	21 59	0 31	8 30	1 10	21 55	0 14	20 14	0 28	2 15	2 25	11 24	0 32	13 49	0 33	6 51	17 6	17 52	17 50	1 0	14 41	6 19
T 19	19 1	12 29	4 59	22 1	0 17	8 1	1 7	22 2	0 13	20 11	0 28	2 17	2 25	11 24	0 32	13 49	0 33	6 51	17 7	17 52	17 51	0 57	14 39	6 20
F 20	18 47	17 10	5 15	22 1	0 4	7 32	1 5	22 8	0 12	20 8	0 29	2 19	2 24	11 24	0 32	13 48	0 33	6 51	17 7	17 52	17 52	0 53	14 38	6 20
S 21	18 33	21 15	5 16	21 58	0n 9	7 2	1 2	22 14	0 12	20 5	0 29	2 21	2 24	11 24	0 32	13 47	0 33	6 52	17 7	17 52	17 52	0 50	14 36	6 20
S 22	18 18	24 28	5 3	21 53	0 21	6 32	0 59	22 20	0 11	20 2	0 29	2 23	2 24	11 25	0 32	13 47	0 33	6 52	17 8	17 52	17 53	0 47	14 35	6 20
M23	18 3	26 32	4 34	21 46	0 32	6 2	0 57	22 25	0 10	19 59	0 29	2 24	2 24	11 25	0 32	13 46	0 33	6 53	17 8	17 52	17 54	0 44	14 34	6 20
T 24	17 48	27 9	3 49	21 36	0 43	5 32	0 54	22 31	0 9	19 56	0 29	2 26	2 24	11 25	0 32	13 45	0 33	6 53	17 8	17 52	17 55	0 40	14 32	6 20
W25	17 32	26 8	2 50	21 23	0 52	5 2	0 51	22 36	0 8	19 53	0 29	2 28	2 23	11 25	0 32	13 45	0 33	6 53	17 9	17 52	17 56	0 37	14 31	6 20
T 26	17 16	23 25	1 39	21 8	1 1	4 32	0 48	22 41	0 7	19 50	0 29	2 30	2 23	11 25	0 32	13 44	0 33	6 54	17 9	17 52	17 57	0 34	14 29	6 20
F 27	17 0	19 8	0 20	20 50	1 10	4 1	0 45	22 45	0 6	19 47	0 29	2 33	2 23	11 25	0 32	13 43	0 33	6 54	17 9	17 52	17 58	0 31	14 28	6 20
S 28	16 44	13 35	1n 2	20 29	1 17	3 31	0 42	22 50	0 6	19 44	0 29	2 35	2 23	11 25	0 32	13 42	0 33	6 55	17 10	17 52	17 58	0 27	14 26	6 21
S 29	16 27	7 13	2 20	20 6	1 24	3 0	0 39	22 54	0 5	19 41	0 29	2 37	2 23	11 25	0 32	13 42	0 33	6 55	17 10	17 52	17 59	0 24	14 25	6 21
M30	16 10	0 27	3 29	19 40	1 29	2 29	0 35	22 59	0 4	19 38	0 29	2 39	2 22	11 25	0 32	13 41	0 33	6 55	17 10	17 52	18 0	0 21	14 23	6 21
T 31	15n53	6n16	4n23	19n12	1n34	1n59	0n32	23n 3	0s 3	19n35	0n30	2s41	2n22	11n25	0s32	13n40	0n33	6s56	17s11	17s52	18s 1	0n18	14n22	6s21

Julian Day Number = 2305273.5, Delta T = 89.44 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'04, Lahiri = 18°16'04 Julian Calendar 1 July 1599 == Greg. Calendar 11 July 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

AUGUST 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 15 38	17♌36'37	20♈13	12♌22	27♍25	20♊22	5♌ 1	12♎22	1°R11	25♌13	23°R14	9°R39	9♒ 4	21♍22	28♋13	W 1
T 2	21 19 34	18°34'18	4♉29	14°24	28°35	21° 1	5°14	12°27	1♉11	25°15	23♈13	9♒38	9° 1	21°29	28°20	T 2
F 3	21 23 31	19°32'00	18°24	16°26	29°44	21°40	5°27	12°33	1°11	25°17	23°13	9°D38	8°58	21°36	28°27	F 3
S 4	21 27 27	20°29'45	1♊57	18°28	0♎54	22°19	5°40	12°38	1°11	25°20	23°12	9°38	8°54	21°42	28°34	S 4
S 5	21 31 24	21°27'31	15°10	20°28	2° 3	22°58	5°53	12°43	1°10	25°22	23°12	9°39	8°51	21°49	28°41	S 5
M 6	21 35 21	22°25'19	28° 4	22°28	3°12	23°37	6° 6	12°49	1°10	25°24	23°11	9°40	8°48	21°56	28°47	M 6
T 7	21 39 17	23°23'09	10♋42	24°27	4°22	24°15	6°19	12°54	1° 9	25°26	23°11	9°41	8°45	22° 2	28°54	T 7
W 8	21 43 14	24°21'00	23° 7	26°25	5°31	24°54	6°32	13° 0	1° 9	25°29	23°11	9°42	8°42	22° 9	29° 1	W 8
T 9	21 47 10	25°18'53	5♌20	28°22	6°40	25°32	6°45	13° 6	1° 8	25°31	23°10	9°R43	8°39	22°16	29° 8	T 9
F 10	21 51 7	26°16'47	17°25	0♍17	7°48	26°11	6°58	13°11	1° 8	25°33	23° 9	9°43	8°35	22°22	29°15	F 10
S 11	21 55 3	27°14'43	29°22	2°12	8°57	26°49	7°11	13°17	1° 7	25°35	23° 9	9°42	8°32	22°29	29°21	S 11
S 12	21 59 0	28°12'40	11♍15	4° 5	10° 6	27°27	7°23	13°23	1° 6	25°37	23° 8	9°40	8°29	22°36	29°28	S 12
M13	22 2 56	29°10'39	23° 5	5°57	11°14	28° 5	7°36	13°29	1° 5	25°40	23° 8	9°37	8°26	22°42	29°35	M13
T 14	22 6 53	0♍ 8'40	4♎54	7°48	12°23	28°43	7°49	13°35	1° 5	25°42	23° 7	9°34	8°23	22°49	29°41	T 14
W15	22 10 50	1° 6'41	16°45	9°37	13°31	29°20	8° 2	13°41	1° 4	25°44	23° 7	9°30	8°20	22°56	29°48	W15
T 16	22 14 46	2° 4'45	28°41	11°25	14°39	29°58	8°14	13°47	1° 3	25°46	23° 6	9°27	8°16	23° 2	29°54	T 16
F 17	22 18 43	3° 2'49	10♏45	13°12	15°48	0♋36	8°27	13°53	1° 2	25°49	23° 5	9°24	8°13	23° 9	0♌ 1	F 17
S 18	22 22 39	4° 0'56	23° 2	14°57	16°56	1°13	8°40	13°59	1° 1	25°51	23° 5	9°23	8°10	23°16	0° 7	S 18
S 19	22 26 36	4°59'04	5♐34	16°42	18° 3	1°50	8°52	14° 5	1° 0	25°53	23° 4	9°D22	8° 7	23°23	0°14	S 19
M20	22 30 32	5°57'13	18°27	18°25	19°11	2°28	9° 5	14°11	0°59	25°55	23° 3	9°23	8° 4	23°29	0°20	M20
T 21	22 34 29	6°55'23	1♑43	20° 7	20°19	3° 5	9°17	14°18	0°58	25°57	23° 2	9°24	8° 0	23°36	0°27	T 21
W22	22 38 25	7°53'36	15°26	21°47	21°26	3°42	9°29	14°24	0°57	26° 0	23° 2	9°26	7°57	23°43	0°33	W22
T 23	22 42 22	8°51'49	29°36	23°27	22°34	4°18	9°42	14°30	0°55	26° 2	23° 1	9°27	7°54	23°49	0°39	T 23
F 24	22 46 19	9°50'05	14♒12	25° 5	23°41	4°55	9°54	14°37	0°54	26° 4	23° 0	9°R27	7°51	23°56	0°46	F 24
S 25	22 50 15	10°48'21	29° 9	26°42	24°48	5°32	10° 6	14°43	0°53	26° 6	22°59	9°26	7°48	24° 3	0°52	S 25
S 26	22 54 12	11°46'40	14♓20	28°18	25°55	6° 8	10°19	14°49	0°52	26° 8	22°59	9°23	7°45	24° 9	0°58	S 26
M27	22 58 8	12°45'00	29°35	29°53	27° 2	6°45	10°31	14°56	0°50	26°10	22°58	9°19	7°41	24°16	1° 4	M27
T 28	23 2 5	13°43'22	14♈44	1♎27	28° 9	7°21	10°43	15° 3	0°49	26°13	22°57	9°14	7°38	24°23	1°10	T 28
W29	23 6 1	14°41'47	29°37	3° 0	29°15	7°57	10°55	15° 9	0°47	26°15	22°56	9° 9	7°35	24°29	1°16	W29
T 30	23 9 58	15°40'13	14♉ 8	4°31	0♏21	8°33	11° 7	15°16	0°46	26°17	22°55	9° 5	7°32	24°36	1°22	T 30
F 31	23 13 54	16♍38'42	28♉11	6♎ 2	1♏28	9♋ 9	11♌19	15♎22	0♉44	26♌19	22♈54	9♒ 2	7♒29	24♍43	1♌28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n35	12n32	4n59	18n42	1n38	1n28	0n29	23n 7	0s 2	19n32	0n30	2s43	2n22	11n25	0s32	13n39	0n33	6s56	17s11	17s52	18s 2	0n15	14n20	6s21
T 2	15 18	17 59	5 16	18 9	1 41	0 57	0 25	23 10	0 1	19 29	0 30	2 45	2 22	11 24	0 32	13 39	0 33	6 57	17 11	17 53	18 3	0 11	14 19	6 22
F 3	15 0	22 21	5 13	17 35	1 43	0 26	0 22	23 14	0 0	19 26	0 30	2 48	2 22	11 24	0 32	13 38	0 33	6 57	17 12	17 53	18 3	0 8	14 17	6 22
S 4	14 41	25 23	4 53	17 0	1 45	0s 5	0 18	23 17	0n 1	19 23	0 30	2 50	2 22	11 24	0 32	13 37	0 33	6 58	17 12	17 53	18 4	0 5	14 15	6 22
S 5	14 23	26 56	4 18	16 22	1 46	0 36	0 14	23 20	0 2	19 20	0 30	2 52	2 21	11 24	0 32	13 36	0 33	6 58	17 12	17 52	18 5	0 2	14 14	6 22
M 6	14 4	26 59	3 31	15 43	1 46	1 7	0 11	23 23	0 3	19 17	0 30	2 54	2 21	11 24	0 32	13 36	0 33	6 58	17 13	17 52	18 6	0s 2	14 12	6 22
T 7	13 45	25 37	2 34	15 3	1 46	1 38	0 7	23 26	0 3	19 13	0 30	2 57	2 21	11 24	0 32	13 35	0 33	6 59	17 13	17 52	18 7	0 5	14 11	6 23
W 8	13 26	23 0	1 31	14 22	1 44	2 9	0 3	23 28	0 4	19 10	0 30	2 59	2 21	11 23	0 32	13 34	0 33	6 59	17 13	17 52	18 8	0 8	14 9	6 23
T 9	13 7	19 22	0 24	13 40	1 43	2 40	0s 1	23 30	0 5	19 7	0 31	3 1	2 21	11 23	0 33	13 33	0 33	7 0	17 14	17 51	18 8	0 11	14 8	6 23
F 10	12 47	14 59	0s42	12 58	1 40	3 11	0 5	23 32	0 6	19 4	0 31	3 4	2 21	11 23	0 33	13 33	0 33	7 0	17 14	17 52	18 9	0 15	14 6	6 23
S 11	12 27	10 3	1 46	12 14	1 38	3 42	0 9	23 34	0 7	19 1	0 31	3 6	2 20	11 23	0 33	13 32	0 33	7 1	17 14	17 52	18 10	0 18	14 4	6 24
S 12	12 7	4 49	2 45	11 30	1 34	4 12	0 13	23 36	0 8	18 58	0 31	3 8	2 20	11 23	0 33	13 31	0 33	7 1	17 14	17 52	18 11	0 21	14 3	6 24
M13	11 47	0s34	3 37	10 45	1 31	4 43	0 17	23 38	0 9	18 55	0 31	3 11	2 20	11 22	0 33	13 30	0 33	7 2	17 15	17 53	18 12	0 24	14 1	6 24
T 14	11 27	5 55	4 19	10 0	1 27	5 14	0 21	23 39	0 10	18 51	0 31	3 13	2 20	11 22	0 33	13 30	0 33	7 2	17 15	17 54	18 13	0 27	14 0	6 24
W15	11 6	11 3	4 50	9 15	1 22	5 44	0 25	23 41	0 11	18 48	0 31	3 16	2 20	11 22	0 33	13 29	0 33	7 3	17 15	17 55	18 13	0 31	13 58	6 25
T 16	10 45	15 50	5 9	8 29	1 17	6 15	0 30	23 42	0 12	18 45	0 31	3 18	2 20	11 21	0 33	13 28	0 33	7 3	17 16	17 56	18 14	0 34	13 56	6 25
F 17	10 25	20 3	5 14	7 43	1 12	6 45	0 34	23 42	0 13	18 42	0 31	3 21	2 20	11 21	0 33	13 28	0 33	7 4	17 16	17 56	18 15	0 37	13 55	6 25
S 18	10 4	23 29	5 5	6 58	1 6	7 15	0 38	23 43	0 14	18 39	0 32	3 23	2 19	11 21	0 33	13 27	0 33	7 4	17 16	17 57	18 16	0 40	13 53	6 26
S 19	9 42	25 54	4 42	6 12	1 1	7 45	0 43	23 44	0 15	18 35	0 32	3 26	2 19	11 20	0 33	13 26	0 33	7 5	17 16	17 57	18 17	0 43	13 51	6 26
M20	9 21	27 3	4 4	5 26	0 55	8 15	0 47	23 44	0 16	18 32	0 32	3 28	2 19	11 20	0 33	13 25	0 33	7 5	17 17	17 57	18 18	0 47	13 50	6 26
T 21	8 59	26 41	3 12	4 40	0 48	8 45	0 52	23 44	0 17	18 29	0 32	3 31	2 19	11 19	0 33	13 25	0 33	7 6	17 17	17 56	18 18	0 50	13 48	6 27
W22	8 38	24 43	2 8	3 54	0 42	9 15	0 56	23 44	0 18	18 26	0 32	3 33	2 19	11 19	0 33	13 24	0 33	7 6	17 17	17 56	18 19	0 53	13 46	6 27
T 23	8 16	21 9	0 54	3 9	0 35	9 44	1 0	23 44	0 19	18 23	0 32	3 36	2 19	11 19	0 33	13 23	0 33	7 7	17 17	17 56	18 20	0 56	13 45	6 27
F 24	7 54	16 11	0n26	2 23	0 28	10 13	1 5	23 44	0 20	18 20	0 32	3 38	2 19	11 18	0 33	13 22	0 33	7 7	17 18	17 56	18 21	1 0	13 43	6 28
S 25	7 32	10 9	1 46	1 38	0 21	10 42	1 10	23 44	0 21	18 16	0 32	3 41	2 19	11 18	0 33	13 22	0 33	7 8	17 18	17 56	18 22	1 3	13 41	6 28
S 26	7 10	3 25	2 59	0 53	0 14	11 11	1 14	23 43	0 22	18 13	0 33	3 44	2 18	11 17	0 33	13 21	0 33	7 8	17 18	17 57	18 22	1 6	13 40	6 29
M27	6 47	3n30	4 0	0 9	0 7	11 40	1 19	23 42	0 23	18 10	0 33	3 46	2 18	11 17	0 33	13 20	0 33	7 9	17 18	17 58	18 23	1 9	13 38	6 29
T 28	6 25	10 10	4 44	0s35	0s 1	12 8	1 23	23 42	0 24	18 7	0 33	3 49	2 18	11 16	0 33	13 20	0 33	7 9	17 19	17 59	18 24	1 12	13 36	6 29
W29	6 2	16 9	5 7	1 19	0 8	12 36	1 28	23 40	0 25	18 4	0 33	3 51	2 18	11 16	0 33	13 19	0 33	7 10	17 19	18 0	18 25	1 16	13 35	6 30
T 30	5 40	21 3	5 10	2 3	0 16	13 4	1 33	23 39	0 26	18 0	0 33	3 54	2 18	11 15	0 33	13 18	0 33	7 10	17 19	18 1	18 26	1 19	13 33	6 30
F 31	5n17	24n35	4n54	2s46	0s24	13s32	1s37	23n38	0n27	17n57	0n33	3s57	2n18	11n15	0s33	13n17	0n33	7s11	17s19	18s 2	18s27	1s22	13n31	6s31

Julian Day Number = 2305304.5, Delta T = 89.33 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'08, Lahiri = 18°16'09 Julian Calendar 1 Aug. 1599 == Greg. Calendar 11 Aug. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

SEPTEMBER 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 17 51	17♍37'13	11♊48	7♎31	2♏34	9♋45	11♌31	15♎29	0°R43	26♌21	22°R53	9°D 1	7♒26	24♍49	1♌34	S 1
S 2	23 21 48	18°35'46	24°58	8°59	3°40	10°21	11°42	15°36	0♉41	26°23	22♈52	9♒ 1	7°22	24°56	1°39	S 2
M 3	23 25 44	19°34'22	7♋45	10°26	4°45	10°56	11°54	15°43	0°39	26°25	22°52	9° 2	7°19	25° 3	1°45	M 3
T 4	23 29 41	20°32'59	20°13	11°52	5°51	11°31	12° 6	15°50	0°38	26°27	22°51	9° 3	7°16	25°10	1°51	T 4
W 5	23 33 37	21°31'39	2♌26	13°17	6°56	12° 7	12°17	15°56	0°36	26°29	22°50	9° 4	7°13	25°16	1°56	W 5
T 6	23 37 34	22°30'21	14°29	14°41	8° 1	12°42	12°29	16° 3	0°34	26°31	22°49	9°R 4	7°10	25°23	2° 2	T 6
F 7	23 41 30	23°29'05	26°24	16° 3	9° 6	13°17	12°41	16°10	0°32	26°33	22°48	9° 3	7° 6	25°30	2° 8	F 7
S 8	23 45 27	24°27'51	8♍15	17°25	10°11	13°52	12°52	16°17	0°31	26°36	22°47	8°59	7° 3	25°36	2°13	S 8
S 9	23 49 23	25°26'39	20° 5	18°45	11°16	14°26	13° 3	16°24	0°29	26°38	22°46	8°53	7° 0	25°43	2°18	S 9
M10	23 53 20	26°25'29	1♎54	20° 3	12°20	15° 1	13°15	16°31	0°27	26°40	22°45	8°45	6°57	25°50	2°24	M10
T 11	23 57 16	27°24'21	13°46	21°21	13°24	15°35	13°26	16°38	0°25	26°42	22°44	8°36	6°54	25°56	2°29	T 11
W12	0 1 13	28°23'15	25°42	22°37	14°28	16° 9	13°37	16°45	0°23	26°43	22°43	8°26	6°51	26° 3	2°34	W12
T 13	0 5 10	29°22'11	7♏42	23°51	15°32	16°44	13°48	16°52	0°21	26°45	22°42	8°17	6°47	26°10	2°39	T 13
F 14	0 9 6	0♎21'09	19°51	25° 4	16°36	17°17	13°59	16°59	0°19	26°47	22°41	8° 9	6°44	26°16	2°44	F 14
S 15	0 13 3	1°20'09	2♐10	26°15	17°39	17°51	14°10	17° 6	0°17	26°49	22°40	8° 3	6°41	26°23	2°49	S 15
S 16	0 16 59	2°19'11	14°41	27°24	18°42	18°25	14°21	17°13	0°15	26°51	22°39	7°59	6°38	26°30	2°54	S 16
M17	0 20 56	3°18'14	27°30	28°32	19°45	18°58	14°31	17°21	0°13	26°53	22°38	7°57	6°35	26°36	2°59	M17
T 18	0 24 52	4°17'19	10♑39	29°37	20°47	19°32	14°42	17°28	0°11	26°55	22°36	7°D57	6°31	26°43	3° 4	T 18
W19	0 28 49	5°16'26	24°12	0♏40	21°49	20° 5	14°52	17°35	0° 8	26°57	22°35	7°58	6°28	26°50	3° 9	W19
T 20	0 32 45	6°15'35	8♒10	1°41	22°51	20°38	15° 3	17°42	0° 6	26°59	22°34	7°R58	6°25	26°57	3°13	T 20
F 21	0 36 42	7°14'45	22°35	2°39	23°53	21°10	15°13	17°49	0° 4	27° 0	22°33	7°58	6°22	27° 3	3°18	F 21
S 22	0 40 39	8°13'57	7♓24	3°34	24°54	21°43	15°23	17°56	0° 2	27° 2	22°32	7°54	6°19	27°10	3°22	S 22
S 23	0 44 35	9°13'11	22°31	4°26	25°55	22°15	15°34	18° 4	29♈59	27° 4	22°31	7°49	6°16	27°17	3°27	S 23
M24	0 48 32	10°12'27	7♈48	5°15	26°56	22°48	15°44	18°11	29°57	27° 6	22°30	7°41	6°12	27°23	3°31	M24
T 25	0 52 28	11°11'45	23° 3	5°59	27°56	23°20	15°54	18°18	29°55	27° 7	22°29	7°32	6° 9	27°30	3°35	T 25
W26	0 56 25	12°11'06	8♉ 7	6°40	28°56	23°52	16° 4	18°25	29°53	27° 9	22°28	7°22	6° 6	27°37	3°39	W26
T 27	1 0 21	13°10'28	22°49	7°17	29°55	24°23	16°13	18°33	29°50	27°11	22°27	7°13	6° 3	27°43	3°43	T 27
F 28	1 4 18	14° 9'53	7♊ 3	7°48	0♐54	24°55	16°23	18°40	29°48	27°12	22°25	7° 6	6° 0	27°50	3°47	F 28
S 29	1 8 14	15° 9'20	20°47	8°14	1°53	25°26	16°33	18°47	29°46	27°14	22°24	7° 1	5°57	27°57	3°51	S 29
S 30	1 12 11	16♎ 8'50	4♋ 2	8♏35	2♐52	25♋57	16♌42	18♎55	29♈43	27♌16	22♈23	6♒58	5♒53	28♍ 3	3♌55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n54	26n35	4n22	3s28	0s31	13s59	1s42	23n36	0n29	17n54	0n33	3s59	2n18	11n14	0s33	13n17	0n33	7s11	17s19	18s 3	18s27	1s25	13n30	6s31
S 2	4 31	27 0	3 37	4 10	0 39	14 26	1 46	23 35	0 30	17 51	0 33	4 2	2 18	11 13	0 33	13 16	0 33	7 12	17 20	18 3	18 28	1 28	13 28	6 32
M 3	4 8	25 58	2 42	4 52	0 47	14 53	1 51	23 33	0 31	17 48	0 34	4 5	2 18	11 13	0 33	13 15	0 33	7 12	17 20	18 2	18 29	1 32	13 26	6 32
T 4	3 45	23 38	1 41	5 33	0 55	15 19	1 56	23 31	0 32	17 45	0 34	4 8	2 18	11 12	0 33	13 15	0 33	7 13	17 20	18 2	18 30	1 35	13 25	6 32
W 5	3 22	20 15	0 36	6 13	1 3	15 45	2 0	23 29	0 33	17 42	0 34	4 10	2 17	11 12	0 33	13 14	0 33	7 13	17 20	18 2	18 31	1 38	13 23	6 33
T 6	2 59	16 4	0s29	6 53	1 10	16 11	2 5	23 27	0 34	17 38	0 34	4 13	2 17	11 11	0 33	13 13	0 33	7 14	17 20	18 2	18 31	1 41	13 21	6 33
F 7	2 36	11 18	1 32	7 32	1 18	16 37	2 10	23 25	0 35	17 35	0 34	4 16	2 17	11 10	0 33	13 13	0 33	7 14	17 20	18 2	18 32	1 44	13 20	6 34
S 8	2 12	6 9	2 31	8 10	1 26	17 2	2 14	23 22	0 36	17 32	0 34	4 18	2 17	11 10	0 33	13 12	0 33	7 15	17 21	18 3	18 33	1 48	13 18	6 34
S 9	1 49	0 50	3 23	8 48	1 34	17 27	2 19	23 20	0 37	17 29	0 34	4 21	2 17	11 9	0 33	13 11	0 33	7 15	17 21	18 5	18 34	1 51	13 16	6 35
M10	1 25	4s31	4 6	9 25	1 41	17 51	2 24	23 17	0 39	17 26	0 35	4 24	2 17	11 8	0 33	13 11	0 33	7 16	17 21	18 7	18 35	1 54	13 15	6 35
T 11	1 2	9 43	4 38	10 1	1 49	18 15	2 28	23 14	0 40	17 23	0 35	4 27	2 17	11 8	0 33	13 10	0 33	7 16	17 21	18 9	18 35	1 57	13 13	6 36
W12	0 39	14 35	4 59	10 37	1 56	18 39	2 33	23 11	0 41	17 20	0 35	4 29	2 17	11 7	0 33	13 9	0 33	7 17	17 21	18 12	18 36	2 0	13 12	6 36
T 13	0 15	18 56	5 6	11 11	2 3	19 2	2 37	23 8	0 42	17 17	0 35	4 32	2 17	11 6	0 33	13 9	0 33	7 17	17 21	18 14	18 37	2 3	13 10	6 37
F 14	0s 8	22 33	5 0	11 45	2 10	19 25	2 42	23 5	0 43	17 14	0 35	4 35	2 17	11 6	0 33	13 8	0 33	7 18	17 22	18 16	18 38	2 7	13 8	6 37
S 15	0 32	25 12	4 40	12 17	2 17	19 47	2 46	23 2	0 44	17 11	0 35	4 38	2 17	11 5	0 33	13 7	0 33	7 18	17 22	18 18	18 39	2 10	13 7	6 38
S 16	0 55	26 41	4 6	12 49	2 24	20 9	2 51	22 59	0 46	17 8	0 36	4 40	2 17	11 4	0 33	13 7	0 33	7 19	17 22	18 19	18 39	2 13	13 5	6 38
M17	1 19	26 47	3 19	13 19	2 31	20 31	2 55	22 55	0 47	17 5	0 36	4 43	2 17	11 3	0 33	13 6	0 33	7 19	17 22	18 19	18 40	2 16	13 3	6 39
T 18	1 43	25 24	2 21	13 48	2 37	20 52	2 59	22 52	0 48	17 2	0 36	4 46	2 17	11 3	0 33	13 5	0 33	7 19	17 22	18 19	18 41	2 19	13 2	6 40
W19	2 6	22 31	1 13	14 16	2 43	21 13	3 4	22 48	0 49	16 59	0 36	4 49	2 17	11 2	0 33	13 5	0 33	7 20	17 22	18 19	18 42	2 23	13 0	6 40
T 20	2 29	18 15	0n 1	14 43	2 49	21 33	3 8	22 44	0 51	16 56	0 36	4 51	2 17	11 1	0 33	13 4	0 33	7 20	17 22	18 19	18 43	2 26	12 59	6 41
F 21	2 53	12 48	1 17	15 8	2 54	21 53	3 12	22 40	0 52	16 53	0 36	4 54	2 17	11 0	0 33	13 4	0 33	7 21	17 22	18 19	18 43	2 29	12 57	6 41
S 22	3 16	6 29	2 30	15 32	2 59	22 12	3 16	22 37	0 53	16 50	0 37	4 57	2 16	11 0	0 33	13 3	0 33	7 21	17 22	18 20	18 44	2 32	12 56	6 42
S 23	3 40	0n18	3 34	15 54	3 4	22 31	3 20	22 33	0 54	16 47	0 37	5 0	2 16	10 59	0 33	13 2	0 33	7 22	17 22	18 21	18 45	2 35	12 54	6 42
M24	4 3	7 8	4 23	16 15	3 8	22 49	3 24	22 29	0 56	16 45	0 37	5 3	2 16	10 58	0 33	13 2	0 33	7 22	17 23	18 23	18 46	2 38	12 52	6 43
T 25	4 26	13 31	4 54	16 33	3 11	23 7	3 28	22 24	0 57	16 42	0 37	5 5	2 16	10 57	0 33	13 1	0 33	7 23	17 23	18 26	18 47	2 42	12 51	6 44
W26	4 50	19 1	5 3	16 50	3 14	23 25	3 32	22 20	0 58	16 39	0 37	5 8	2 16	10 56	0 33	13 1	0 34	7 23	17 23	18 28	18 47	2 45	12 49	6 44
T 27	5 13	23 13	4 52	17 4	3 17	23 41	3 36	22 16	0 59	16 36	0 37	5 11	2 16	10 55	0 33	13 0	0 34	7 24	17 23	18 31	18 48	2 48	12 48	6 45
F 28	5 36	25 52	4 23	17 16	3 18	23 58	3 39	22 11	1 1	16 33	0 38	5 14	2 16	10 55	0 33	13 0	0 34	7 24	17 23	18 32	18 49	2 51	12 46	6 45
S 29	5 59	26 49	3 40	17 25	3 19	24 13	3 43	22 7	1 2	16 31	0 38	5 16	2 16	10 54	0 33	12 59	0 34	7 25	17 23	18 34	18 50	2 54	12 45	6 46
S 30	6s22	26n12	2n46	17s32	3s19	24s29	3s47	22n 3	1n 3	16n28	0n38	5s19	2n16	10n53	0s33	12n59	0n34	7s25	17s23	18s34	18s51	2s57	12n43	6s47

Julian Day Number = 2305335.5, Delta T = 89.22 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'13, Lahiri = 18°16'13 Julian Calendar 1 Sept. 1599 == Greg. Calendar 11 Sept. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

OCTOBER 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 16 8	17♎ 8'21	16♋50	8♏49	3♐49	26♋28	16♌51	19♎ 2	29°R41	27♌17	22°R22	6°D58	5♒50	28♍10	3♌59	M 1
T 2	1 20 4	18° 7'55	29°16	8°R56	4°47	26°59	17° 1	19° 9	29♈39	27°19	22♈21	6♒58	5°47	28°17	4° 3	T 2
W 3	1 24 1	19° 7'32	11♌26	8°56	5°44	27°30	17°10	19°16	29°36	27°20	22°20	6°R58	5°44	28°24	4° 6	W 3
T 4	1 27 57	20° 7'10	23°24	8°47	6°41	28° 0	17°19	19°24	29°34	27°22	22°19	6°57	5°41	28°30	4°10	T 4
F 5	1 31 54	21° 6'51	5♍15	8°31	7°37	28°30	17°28	19°31	29°31	27°23	22°18	6°53	5°37	28°37	4°13	F 5
S 6	1 35 50	22° 6'34	17° 4	8° 6	8°32	29° 0	17°37	19°38	29°29	27°25	22°16	6°47	5°34	28°44	4°17	S 6
S 7	1 39 47	23° 6'19	28°53	7°31	9°27	29°30	17°45	19°46	29°26	27°26	22°15	6°38	5°31	28°50	4°20	S 7
M 8	1 43 43	24° 6'06	10♎45	6°49	10°22	29°59	17°54	19°53	29°24	27°28	22°14	6°26	5°28	28°57	4°23	M 8
T 9	1 47 40	25° 5'55	22°43	5°57	11°16	0♌28	18° 2	20° 0	29°21	27°29	22°13	6°13	5°25	29° 4	4°26	T 9
W10	1 51 37	26° 5'46	4♏46	4°58	12° 9	0°57	18°10	20° 7	29°19	27°30	22°12	5°58	5°22	29°10	4°29	W10
T 11	1 55 33	27° 5'40	16°57	3°51	13° 2	1°26	18°19	20°15	29°17	27°32	22°11	5°44	5°18	29°17	4°32	T 11
F 12	1 59 30	28° 5'35	29°17	2°39	13°54	1°54	18°27	20°22	29°14	27°33	22°10	5°32	5°15	29°24	4°35	F 12
S 13	2 3 26	29° 5'32	11♐45	1°24	14°46	2°22	18°35	20°29	29°12	27°34	22° 8	5°22	5°12	29°31	4°37	S 13
S 14	2 7 23	0♏ 5'30	24°25	0° 7	15°37	2°50	18°42	20°36	29° 9	27°36	22° 7	5°15	5° 9	29°37	4°40	S 14
M15	2 11 19	1° 5'31	7♑17	28♎51	16°27	3°18	18°50	20°44	29° 7	27°37	22° 6	5°11	5° 6	29°44	4°42	M15
T 16	2 15 16	2° 5'33	20°25	27°37	17°16	3°45	18°58	20°51	29° 4	27°38	22° 5	5°10	5° 3	29°51	4°45	T 16
W17	2 19 12	3° 5'37	3♒52	26°30	18° 5	4°13	19° 5	20°58	29° 2	27°39	22° 4	5°10	4°59	29°57	4°47	W17
T 18	2 23 9	4° 5'42	17°39	25°30	18°52	4°39	19°12	21° 5	28°59	27°40	22° 3	5° 9	4°56	0♎ 4	4°49	T 18
F 19	2 27 6	5° 5'48	1♓48	24°39	19°39	5° 6	19°19	21°12	28°57	27°41	22° 2	5° 8	4°53	0°11	4°51	F 19
S 20	2 31 2	6° 5'56	16°19	23°58	20°25	5°32	19°26	21°19	28°54	27°42	22° 1	5° 4	4°50	0°17	4°53	S 20
S 21	2 34 59	7° 6'06	1♈ 8	23°29	21°10	5°58	19°33	21°27	28°52	27°44	21°59	4°57	4°47	0°24	4°55	S 21
M22	2 38 55	8° 6'17	16° 9	23°12	21°54	6°24	19°40	21°34	28°49	27°45	21°58	4°48	4°43	0°31	4°57	M22
T 23	2 42 52	9° 6'30	1♉13	23°D 6	22°37	6°49	19°46	21°41	28°47	27°45	21°57	4°37	4°40	0°38	4°59	T 23
W24	2 46 48	10° 6'45	16°10	23°11	23°19	7°14	19°53	21°48	28°45	27°46	21°56	4°25	4°37	0°44	5° 0	W24
T 25	2 50 45	11° 7'02	0♊51	23°27	24° 0	7°39	19°59	21°55	28°42	27°47	21°55	4°14	4°34	0°51	5° 2	T 25
F 26	2 54 41	12° 7'20	15° 8	23°53	24°40	8° 4	20° 5	22° 2	28°40	27°48	21°54	4° 5	4°31	0°58	5° 3	F 26
S 27	2 58 38	13° 7'41	28°57	24°28	25°18	8°28	20°11	22° 9	28°38	27°49	21°53	3°58	4°28	1° 4	5° 5	S 27
S 28	3 2 35	14° 8'03	12♋18	25°11	25°56	8°52	20°17	22°16	28°35	27°50	21°52	3°54	4°24	1°11	5° 6	S 28
M29	3 6 31	15° 8'27	25°11	26° 1	26°32	9°15	20°22	22°23	28°33	27°51	21°51	3°53	4°21	1°18	5° 7	M29
T 30	3 10 28	16° 8'54	7♌41	26°58	27° 6	9°38	20°28	22°30	28°30	27°51	21°50	3°D52	4°18	1°24	5° 8	T 30
W31	3 14 24	17♏ 9'22	19♌52	28♎ 1	27♐40	10♌ 1	20♌33	22♎37	28♈28	27♌52	21♈49	3°R52	4♒15	1♎31	5♌ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s45	24n10	1n45	17s35	3s18	24s43	3s50	21n58	1n 5	16n25	0n38	5s22	2n16	10n52	0s33	12n58	0n34	7s25	17s23	18s34	18s51	3s 1	12n42	6s47
T 2	7 8	21 1	0 41	17 35	3 15	24 58	3 53	21 53	1 6	16 23	0 38	5 25	2 16	10 51	0 33	12 58	0 34	7 26	17 23	18 34	18 52	3 4	12 40	6 48
W 3	7 30	17 1	0s24	17 32	3 12	25 11	3 57	21 49	1 8	16 20	0 38	5 27	2 16	10 50	0 33	12 57	0 34	7 26	17 23	18 34	18 53	3 7	12 39	6 49
T 4	7 53	12 24	1 26	17 24	3 7	25 24	4 0	21 44	1 9	16 18	0 39	5 30	2 16	10 50	0 33	12 57	0 34	7 27	17 23	18 35	18 54	3 10	12 38	6 49
F 5	8 15	7 22	2 24	17 13	3 0	25 37	4 3	21 39	1 10	16 15	0 39	5 33	2 16	10 49	0 33	12 56	0 34	7 27	17 23	18 36	18 54	3 13	12 36	6 50
S 6	8 38	2 7	3 15	16 57	2 52	25 49	4 6	21 34	1 12	16 13	0 39	5 36	2 16	10 48	0 33	12 56	0 34	7 27	17 23	18 37	18 55	3 16	12 35	6 51
S 7	9 0	3s12	3 58	16 36	2 42	26 0	4 8	21 30	1 13	16 10	0 39	5 38	2 16	10 47	0 33	12 55	0 34	7 28	17 23	18 39	18 56	3 20	12 33	6 51
M 8	9 22	8 25	4 31	16 11	2 31	26 11	4 11	21 25	1 15	16 8	0 39	5 41	2 16	10 46	0 33	12 55	0 34	7 28	17 23	18 42	18 57	3 23	12 32	6 52
T 9	9 44	13 22	4 52	15 41	2 17	26 22	4 13	21 20	1 16	16 5	0 40	5 44	2 16	10 45	0 33	12 54	0 34	7 29	17 23	18 46	18 58	3 26	12 31	6 53
W10	10 6	17 50	5 0	15 7	2 2	26 31	4 16	21 15	1 17	16 3	0 40	5 47	2 16	10 44	0 33	12 54	0 34	7 29	17 23	18 49	18 58	3 29	12 29	6 53
T 11	10 28	21 38	4 54	14 29	1 45	26 41	4 18	21 10	1 19	16 0	0 40	5 49	2 16	10 44	0 33	12 53	0 34	7 29	17 23	18 53	18 59	3 32	12 28	6 54
F 12	10 49	24 31	4 35	13 47	1 27	26 49	4 20	21 5	1 20	15 58	0 40	5 52	2 17	10 43	0 33	12 53	0 34	7 30	17 23	18 56	19 0	3 35	12 27	6 55
S 13	11 11	26 15	4 2	13 2	1 7	26 57	4 22	21 0	1 22	15 56	0 40	5 55	2 17	10 42	0 33	12 52	0 34	7 30	17 23	18 58	19 1	3 38	12 25	6 55
S 14	11 32	26 40	3 17	12 16	0 47	27 5	4 24	20 55	1 23	15 54	0 41	5 57	2 17	10 41	0 33	12 52	0 34	7 30	17 23	19 0	19 1	3 42	12 24	6 56
M15	11 53	25 39	2 21	11 30	0 27	27 12	4 25	20 50	1 25	15 51	0 41	6 0	2 17	10 40	0 33	12 52	0 34	7 31	17 23	19 1	19 2	3 45	12 23	6 57
T 16	12 14	23 12	1 17	10 45	0 6	27 18	4 27	20 45	1 27	15 49	0 41	6 3	2 17	10 39	0 33	12 51	0 34	7 31	17 22	19 1	19 3	3 48	12 22	6 57
W17	12 34	19 27	0 7	10 1	0n14	27 24	4 28	20 40	1 28	15 47	0 41	6 5	2 17	10 38	0 33	12 51	0 34	7 31	17 22	19 1	19 4	3 51	12 20	6 58
T 18	12 55	14 32	1n 5	9 21	0 34	27 29	4 29	20 36	1 30	15 45	0 41	6 8	2 17	10 37	0 33	12 51	0 34	7 32	17 22	19 1	19 4	3 54	12 19	6 59
F 19	13 15	8 45	2 16	8 46	0 52	27 34	4 30	20 31	1 31	15 43	0 42	6 11	2 17	10 37	0 33	12 50	0 34	7 32	17 22	19 2	19 5	3 57	12 18	7 0
S 20	13 35	2 21	3 19	8 16	1 8	27 38	4 30	20 26	1 33	15 41	0 42	6 13	2 17	10 36	0 33	12 50	0 34	7 32	17 22	19 3	19 6	4 0	12 17	7 0
S 21	13 55	4n16	4 10	7 51	1 23	27 42	4 31	20 21	1 34	15 39	0 42	6 16	2 17	10 35	0 33	12 49	0 34	7 33	17 22	19 4	19 7	4 3	12 16	7 1
M22	14 14	10 44	4 45	7 33	1 36	27 45	4 31	20 16	1 36	15 37	0 42	6 18	2 17	10 34	0 33	12 49	0 34	7 33	17 22	19 6	19 8	4 7	12 15	7 2
T 23	14 34	16 36	5 0	7 20	1 47	27 48	4 31	20 11	1 38	15 35	0 42	6 21	2 17	10 33	0 33	12 49	0 34	7 33	17 22	19 9	19 8	4 10	12 14	7 2
W24	14 53	21 24	4 54	7 13	1 57	27 50	4 31	20 6	1 39	15 34	0 43	6 24	2 17	10 32	0 33	12 49	0 34	7 33	17 22	19 12	19 9	4 13	12 12	7 3
T 25	15 12	24 45	4 29	7 12	2 4	27 51	4 30	20 2	1 41	15 32	0 43	6 26	2 17	10 32	0 33	12 48	0 34	7 34	17 22	19 15	19 10	4 16	12 11	7 4
F 26	15 30	26 26	3 47	7 16	2 10	27 52	4 29	19 57	1 43	15 30	0 43	6 29	2 17	10 31	0 33	12 48	0 34	7 34	17 21	19 17	19 11	4 19	12 10	7 4
S 27	15 49	26 23	2 53	7 25	2 14	27 53	4 28	19 52	1 45	15 28	0 43	6 31	2 17	10 30	0 33	12 48	0 34	7 34	17 21	19 18	19 11	4 22	12 9	7 5
S 28	16 7	24 46	1 52	7 38	2 17	27 53	4 27	19 48	1 46	15 27	0 44	6 34	2 17	10 29	0 33	12 47	0 34	7 34	17 21	19 19	19 12	4 25	12 8	7 6
M29	16 25	21 54	0 46	7 55	2 19	27 52	4 25	19 43	1 48	15 25	0 44	6 36	2 18	10 28	0 33	12 47	0 34	7 35	17 21	19 20	19 13	4 28	12 7	7 7
T 30	16 42	18 4	0s20	8 15	2 19	27 51	4 23	19 38	1 50	15 24	0 44	6 39	2 18	10 27	0 33	12 47	0 34	7 35	17 21	19 20	19 14	4 32	12 7	7 7
W31	17s 0	13n34	1s24	8s38	2n19	27s49	4s21	19n34	1n52	15n22	0n44	6s41	2n18	10n27	0s33	12n47	0n34	7s35	17s21	19s20	19s14	4s35	12n 6	7s 8

Julian Day Number = 2305365.5, Delta T = 89.11 sec
Ecliptic obliquity = 23°29'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'17, Lahiri = 18°16'17 Julian Calendar 1 Oct. 1599 == Greg. Calendar 11 Oct. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

NOVEMBER 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 18 21	18♏ 9'51	1♍51	29♎ 8	28♐12	10♑23	20♑38	22♎43	28°R26	27♑53	21°R48	3°R52	4♒12	1♎38	5♑10	T 1
F 2	3 22 17	19°10'23	13°43	0♏19	28°42	10°45	20°43	22°50	28♈24	27°54	21♈47	3♒49	4° 8	1°45	5°10	F 2
S 3	3 26 14	20°10'56	25°31	1°35	29°11	11° 7	20°48	22°57	28°21	27°54	21°46	3°44	4° 5	1°51	5°11	S 3
S 4	3 30 10	21°11'31	7♎22	2°53	29°38	11°28	20°52	23° 4	28°19	27°55	21°45	3°36	4° 2	1°58	5°11	S 4
M 5	3 34 7	22°12'08	19°18	4°13	0♑ 4	11°49	20°57	23°10	28°17	27°55	21°44	3°25	3°59	2° 5	5°12	M 5
T 6	3 38 4	23°12'47	1♏23	5°36	0°28	12° 9	21° 1	23°17	28°15	27°56	21°43	3°12	3°56	2°11	5°12	T 6
W 7	3 42 0	24°13'27	13°37	7° 1	0°50	12°29	21° 5	23°24	28°13	27°56	21°42	2°59	3°53	2°18	5°12	W 7
T 8	3 45 57	25°14'08	26° 1	8°28	1°10	12°49	21° 9	23°30	28°10	27°57	21°41	2°46	3°49	2°25	5°R12	T 8
F 9	3 49 53	26°14'51	8♐36	9°55	1°28	13° 8	21°13	23°37	28° 8	27°57	21°40	2°35	3°46	2°31	5°12	F 9
S 10	3 53 50	27°15'36	21°23	11°24	1°45	13°27	21°16	23°43	28° 6	27°58	21°39	2°26	3°43	2°38	5°12	S 10
S 11	3 57 46	28°16'21	4♑19	12°54	1°59	13°45	21°20	23°50	28° 4	27°58	21°38	2°19	3°40	2°45	5°12	S 11
M12	4 1 43	29°17'08	17°27	14°24	2°11	14° 3	21°23	23°56	28° 2	27°58	21°37	2°16	3°37	2°52	5°11	M12
T 13	4 5 39	0♐17'56	0♒46	15°55	2°21	14°20	21°26	24° 3	28° 0	27°59	21°37	2°D15	3°34	2°58	5°11	T 13
W14	4 9 36	1°18'45	14°18	17°26	2°28	14°37	21°29	24° 9	27°58	27°59	21°36	2°15	3°30	3° 5	5°10	W14
T 15	4 13 33	2°19'34	28° 4	18°58	2°34	14°53	21°31	24°15	27°56	27°59	21°35	2°R16	3°27	3°12	5°10	T 15
F 16	4 17 29	3°20'25	12♓ 4	20°30	2°37	15° 9	21°34	24°21	27°54	27°59	21°34	2°16	3°24	3°18	5° 9	F 16
S 17	4 21 26	4°21'16	26°18	22° 3	2°R37	15°24	21°36	24°28	27°53	27°59	21°33	2°13	3°21	3°25	5° 8	S 17
S 18	4 25 22	5°22'08	10♈45	23°35	2°35	15°39	21°38	24°34	27°51	27°59	21°33	2° 9	3°18	3°32	5° 7	S 18
M19	4 29 19	6°23'01	25°20	25° 8	2°31	15°53	21°40	24°40	27°49	28° 0	21°32	2° 2	3°14	3°38	5° 6	M19
T 20	4 33 15	7°23'55	9♉58	26°41	2°24	16° 7	21°42	24°46	27°47	28° 0	21°31	1°54	3°11	3°45	5° 5	T 20
W21	4 37 12	8°24'50	24°33	28°14	2°15	16°20	21°43	24°52	27°46	28°R 0	21°30	1°45	3° 8	3°52	5° 3	W21
T 22	4 41 8	9°25'45	8♊56	29°47	2° 3	16°32	21°45	24°58	27°44	28° 0	21°30	1°36	3° 5	3°59	5° 2	T 22
F 23	4 45 5	10°26'42	23° 1	1♐20	1°48	16°44	21°46	25° 3	27°42	27°59	21°29	1°29	3° 2	4° 5	5° 0	F 23
S 24	4 49 2	11°27'40	6♋44	2°53	1°31	16°56	21°47	25° 9	27°41	27°59	21°28	1°24	2°59	4°12	4°59	S 24
S 25	4 52 58	12°28'39	20° 3	4°27	1°12	17° 6	21°47	25°15	27°39	27°59	21°28	1°21	2°55	4°19	4°57	S 25
M26	4 56 55	13°29'38	2♌58	6° 0	0°51	17°17	21°48	25°21	27°38	27°59	21°27	1°D21	2°52	4°25	4°55	M26
T 27	5 0 51	14°30'39	15°32	7°34	0°27	17°26	21°48	25°26	27°36	27°59	21°26	1°21	2°49	4°32	4°53	T 27
W28	5 4 48	15°31'41	27°47	9° 7	0° 1	17°35	21°R48	25°32	27°35	27°59	21°26	1°23	2°46	4°39	4°51	W28
T 29	5 8 44	16°32'44	9♍49	10°41	29♐34	17°43	21°48	25°37	27°33	27°58	21°25	1°24	2°43	4°46	4°49	T 29
F 30	5 12 41	17♐33'47	21♍43	12♐15	29♐ 4	17♑51	21♑48	25♎43	27♈32	27♑58	21♈24	1°R24	2♒40	4♎52	4♑47	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s17	8n37	2s23	9s 3	2n17	27s47	4s19	19n30	1n53	15n21	0n44	6s43	2n18	10n26	0s33	12n47	0n34	7s35	17s20	19s20	19s15	4s38	12n 5	7s 9
F 2	17 33	3 26	3 14	9 30	2 15	27 45	4 16	19 25	1 55	15 19	0 45	6 46	2 18	10 25	0 33	12 46	0 35	7 36	17 20	19 20	19 16	4 41	12 4	7 10
S 3	17 50	1s51	3 58	9 59	2 12	27 42	4 13	19 21	1 57	15 18	0 45	6 48	2 18	10 24	0 33	12 46	0 35	7 36	17 20	19 22	19 17	4 44	12 3	7 10
S 4	18 6	7 4	4 31	10 30	2 8	27 38	4 9	19 17	1 59	15 17	0 45	6 51	2 18	10 23	0 33	12 46	0 35	7 36	17 20	19 24	19 17	4 47	12 2	7 11
M 5	18 22	12 5	4 52	11 1	2 4	27 35	4 5	19 13	2 1	15 16	0 45	6 53	2 18	10 23	0 33	12 46	0 35	7 36	17 20	19 26	19 18	4 50	12 1	7 12
T 6	18 37	16 41	5 1	11 33	1 59	27 30	4 1	19 9	2 3	15 15	0 46	6 55	2 18	10 22	0 33	12 46	0 35	7 36	17 20	19 29	19 19	4 53	12 1	7 12
W 7	18 52	20 40	4 56	12 6	1 53	27 25	3 56	19 5	2 5	15 13	0 46	6 58	2 18	10 21	0 33	12 46	0 35	7 36	17 19	19 32	19 20	4 56	12 0	7 13
T 8	19 7	23 47	4 37	12 39	1 48	27 20	3 51	19 2	2 7	15 12	0 46	7 0	2 19	10 20	0 33	12 45	0 35	7 37	17 19	19 35	19 20	4 59	11 59	7 14
F 9	19 21	25 49	4 5	13 12	1 42	27 14	3 45	18 58	2 9	15 11	0 46	7 2	2 19	10 20	0 33	12 45	0 35	7 37	17 19	19 38	19 21	5 3	11 59	7 15
S 10	19 35	26 32	3 19	13 46	1 36	27 8	3 39	18 54	2 11	15 11	0 46	7 5	2 19	10 19	0 33	12 45	0 35	7 37	17 19	19 40	19 22	5 6	11 58	7 15
S 11	19 49	25 48	2 23	14 19	1 29	27 1	3 33	18 51	2 13	15 10	0 47	7 7	2 19	10 18	0 33	12 45	0 35	7 37	17 18	19 41	19 23	5 9	11 57	7 16
M12	20 3	23 38	1 18	14 52	1 23	26 54	3 26	18 48	2 15	15 9	0 47	7 9	2 19	10 18	0 33	12 45	0 35	7 37	17 18	19 42	19 23	5 12	11 57	7 17
T 13	20 16	20 9	0 8	15 25	1 16	26 47	3 18	18 45	2 17	15 8	0 47	7 11	2 19	10 17	0 33	12 45	0 35	7 37	17 18	19 42	19 24	5 15	11 56	7 17
W14	20 28	15 33	1n 4	15 58	1 9	26 39	3 11	18 42	2 19	15 7	0 47	7 14	2 19	10 16	0 33	12 45	0 35	7 37	17 18	19 42	19 25	5 18	11 56	7 18
T 15	20 40	10 5	2 13	16 30	1 2	26 30	3 2	18 39	2 21	15 7	0 48	7 16	2 19	10 16	0 33	12 45	0 35	7 37	17 18	19 42	19 26	5 21	11 55	7 19
F 16	20 52	4 2	3 16	17 2	0 55	26 21	2 53	18 36	2 23	15 6	0 48	7 18	2 20	10 15	0 32	12 45	0 35	7 37	17 17	19 42	19 26	5 24	11 55	7 19
S 17	21 4	2n19	4 8	17 32	0 48	26 12	2 44	18 34	2 25	15 6	0 48	7 20	2 20	10 14	0 32	12 45	0 35	7 37	17 17	19 42	19 27	5 27	11 54	7 20
S 18	21 15	8 37	4 44	18 3	0 41	26 2	2 34	18 31	2 27	15 5	0 48	7 22	2 20	10 14	0 32	12 45	0 35	7 37	17 17	19 43	19 28	5 30	11 54	7 21
M19	21 25	14 31	5 3	18 32	0 34	25 52	2 24	18 29	2 29	15 5	0 49	7 24	2 20	10 13	0 32	12 45	0 35	7 37	17 16	19 45	19 29	5 33	11 53	7 21
T 20	21 36	19 37	5 2	19 1	0 27	25 41	2 13	18 27	2 32	15 5	0 49	7 26	2 20	10 12	0 32	12 45	0 35	7 37	17 16	19 47	19 29	5 36	11 53	7 22
W21	21 45	23 30	4 42	19 29	0 20	25 30	2 1	18 25	2 34	15 4	0 49	7 28	2 20	10 12	0 32	12 45	0 35	7 37	17 16	19 49	19 30	5 40	11 53	7 23
T 22	21 55	25 51	4 3	19 56	0 13	25 18	1 49	18 24	2 36	15 4	0 49	7 30	2 21	10 11	0 32	12 45	0 35	7 37	17 16	19 51	19 31	5 43	11 52	7 23
F 23	22 4	26 29	3 11	20 23	0 6	25 6	1 37	18 22	2 38	15 4	0 50	7 32	2 21	10 11	0 32	12 45	0 35	7 37	17 15	19 52	19 31	5 46	11 52	7 24
S 24	22 12	25 28	2 8	20 48	0s 1	24 53	1 24	18 21	2 40	15 4	0 50	7 34	2 21	10 10	0 32	12 45	0 35	7 37	17 15	19 54	19 32	5 49	11 52	7 25
S 25	22 21	22 59	1 0	21 12	0 8	24 40	1 11	18 20	2 43	15 4	0 50	7 36	2 21	10 10	0 32	12 45	0 35	7 37	17 15	19 54	19 33	5 52	11 52	7 25
M26	22 28	19 24	0s 9	21 36	0 15	24 26	0 57	18 19	2 45	15 4	0 50	7 38	2 21	10 9	0 32	12 45	0 35	7 37	17 14	19 54	19 34	5 55	11 51	7 26
T 27	22 35	15 0	1 16	21 58	0 21	24 12	0 43	18 18	2 47	15 4	0 51	7 40	2 21	10 9	0 32	12 45	0 35	7 37	17 14	19 54	19 34	5 58	11 51	7 27
W28	22 42	10 7	2 18	22 20	0 28	23 58	0 28	18 17	2 50	15 4	0 51	7 42	2 22	10 8	0 32	12 45	0 35	7 37	17 14	19 54	19 35	6 1	11 51	7 27
T 29	22 49	4 56	3 13	22 40	0 34	23 43	0 14	18 17	2 52	15 5	0 51	7 44	2 22	10 8	0 32	12 45	0 35	7 37	17 14	19 54	19 36	6 4	11 51	7 28
F 30	22s55	0s22	3s59	22s59	0s41	23s28	0n 2	18n17	2n54	15n 5	0n51	7s45	2n22	10n 7	0s32	12n46	0n35	7s37	17s13	19s53	19s37	6s 7	11n51	7s28

Julian Day Number = 2305396.5, Delta T = 88.99 sec
Ecliptic obliquity = 23°29'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'21, Lahiri = 18°16'21 Julian Calendar 1 Nov. 1599 == Greg. Calendar 11 Nov. 1599

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ASTRODIENST EPHEMERIS for the year 1599
geocentric

DECEMBER 1599 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 16 37	18♐34'52	3♎33	13♐48	28°R33	17♌58	21°R48	25♎48	27°R31	27°R58	21°R24	1°R23	2♒36	4♎59	4°R45	S 1
S 2	5 20 34	19°35'57	15°26	15°22	28♐ 1	18° 4	21♌47	25°53	27♈29	27♌57	21♈23	1♒19	2°33	5° 6	4♌42	S 2
M 3	5 24 31	20°37'04	27°25	16°57	27°27	18°10	21°46	25°59	27°28	27°57	21°23	1°14	2°30	5°12	4°40	M 3
T 4	5 28 27	21°38'11	9♏33	18°31	26°52	18°14	21°45	26° 4	27°27	27°57	21°22	1° 8	2°27	5°19	4°37	T 4
W 5	5 32 24	22°39'19	21°55	20° 5	26°16	18°18	21°44	26° 9	27°26	27°56	21°22	1° 0	2°24	5°26	4°35	W 5
T 6	5 36 20	23°40'28	4♑32	21°40	25°40	18°22	21°43	26°14	27°25	27°56	21°21	0°53	2°20	5°32	4°32	T 6
F 7	5 40 17	24°41'37	17°23	23°15	25° 4	18°24	21°41	26°19	27°24	27°55	21°21	0°47	2°17	5°39	4°29	F 7
S 8	5 44 13	25°42'47	0♉30	24°50	24°27	18°26	21°39	26°24	27°23	27°55	21°21	0°42	2°14	5°46	4°26	S 8
S 9	5 48 10	26°43'57	13°50	26°25	23°51	18°27	21°37	26°28	27°22	27°54	21°20	0°39	2°11	5°53	4°23	S 9
M10	5 52 7	27°45'08	27°23	28° 0	23°15	18°R28	21°35	26°33	27°21	27°53	21°20	0°D38	2° 8	5°59	4°20	M10
T 11	5 56 3	28°46'18	11♒ 6	29°36	22°40	18°27	21°33	26°38	27°20	27°53	21°19	0°38	2° 5	6° 6	4°17	T 11
W12	6 0 0	29°47'29	24°57	1♉12	22° 6	18°26	21°30	26°42	27°19	27°52	21°19	0°39	2° 1	6°13	4°14	W12
T 13	6 3 56	0♉48'39	8♓56	2°48	21°33	18°24	21°27	26°47	27°19	27°51	21°19	0°41	1°58	6°19	4°11	T 13
F 14	6 7 53	1°49'50	23° 0	4°25	21° 1	18°21	21°24	26°51	27°18	27°50	21°19	0°42	1°55	6°26	4° 7	F 14
S 15	6 11 49	2°51'00	7♈ 9	6° 2	20°31	18°17	21°21	26°55	27°17	27°50	21°18	0°R42	1°52	6°33	4° 4	S 15
S 16	6 15 46	3°52'10	21°21	7°39	20° 3	18°13	21°18	27° 0	27°17	27°49	21°18	0°41	1°49	6°40	4° 0	S 16
M17	6 19 42	4°53'20	5♉34	9°16	19°37	18° 8	21°14	27° 4	27°16	27°48	21°18	0°39	1°46	6°46	3°57	M17
T 18	6 23 39	5°54'30	19°43	10°54	19°12	18° 2	21°11	27° 8	27°16	27°47	21°18	0°36	1°42	6°53	3°53	T 18
W19	6 27 36	6°55'39	3♊47	12°32	18°50	17°55	21° 7	27°12	27°15	27°46	21°17	0°32	1°39	7° 0	3°49	W19
T 20	6 31 32	7°56'48	17°42	14°10	18°30	17°47	21° 3	27°16	27°15	27°45	21°17	0°29	1°36	7° 6	3°46	T 20
F 21	6 35 29	8°57'58	1♋22	15°49	18°13	17°38	20°58	27°19	27°15	27°44	21°17	0°26	1°33	7°13	3°42	F 21
S 22	6 39 25	9°59'07	14°47	17°28	17°57	17°29	20°54	27°23	27°14	27°43	21°17	0°24	1°30	7°20	3°38	S 22
S 23	6 43 22	11° 0'16	27°54	19° 7	17°45	17°19	20°50	27°27	27°14	27°42	21°17	0°D23	1°27	7°27	3°34	S 23
M24	6 47 18	12° 1'24	10♌42	20°46	17°35	17° 8	20°45	27°30	27°14	27°41	21°17	0°23	1°23	7°33	3°30	M24
T 25	6 51 15	13° 2'33	23°13	22°26	17°27	16°56	20°40	27°34	27°14	27°40	21°17	0°25	1°20	7°40	3°26	T 25
W26	6 55 11	14° 3'41	5♍29	24° 5	17°22	16°44	20°35	27°37	27°14	27°39	21°D17	0°26	1°17	7°47	3°22	W26
T 27	6 59 8	15° 4'50	17°33	25°45	17°19	16°30	20°30	27°40	27°D14	27°38	21°17	0°27	1°14	7°53	3°18	T 27
F 28	7 3 5	16° 5'58	29°28	27°24	17°D19	16°16	20°24	27°44	27°14	27°37	21°17	0°29	1°11	8° 0	3°14	F 28
S 29	7 7 1	17° 7'06	11♎20	29° 4	17°21	16° 1	20°19	27°47	27°14	27°36	21°17	0°29	1° 7	8° 7	3° 9	S 29
S 30	7 10 58	18° 8'14	23°13	0♒43	17°26	15°46	20°13	27°50	27°14	27°35	21°17	0°R29	1° 4	8°14	3° 5	S 30
M31	7 14 54	19♉ 9'22	5♏12	2♒22	17♐33	15♌30	20♌ 7	27♎52	27♈14	27♌33	21♈17	0♒29	1♒ 1	8♎20	3♌ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	5s36	4s34	23s17	0s47	23s12	0n17	18n17	2n57	15n 5	0n52	7s47	2n22	10n 7	0s32	12n46	0n35	7s37	17s13	19s54	19s37	6s10	11n51	7s29
S 2	23 5	10 40	4 58	23 34	0 53	22 56	0 32	18 17	2 59	15 6	0 52	7 49	2 22	10 6	0 32	12 46	0 35	7 37	17 13	19 55	19 38	6 13	11 51	7 30
M 3	23 10	15 22	5 9	23 50	0 59	22 40	0 48	18 18	3 2	15 6	0 52	7 51	2 22	10 6	0 32	12 46	0 35	7 37	17 12	19 56	19 39	6 16	11 51	7 30
T 4	23 14	19 32	5 6	24 4	1 5	22 24	1 4	18 19	3 4	15 7	0 52	7 52	2 23	10 5	0 32	12 46	0 36	7 37	17 12	19 57	19 39	6 19	11 51	7 31
W 5	23 17	22 56	4 49	24 17	1 10	22 7	1 19	18 20	3 7	15 7	0 53	7 54	2 23	10 5	0 32	12 46	0 36	7 36	17 12	19 59	19 40	6 22	11 51	7 31
T 6	23 20	25 19	4 18	24 29	1 15	21 50	1 35	18 21	3 9	15 8	0 53	7 56	2 23	10 5	0 32	12 47	0 36	7 36	17 11	20 0	19 41	6 25	11 51	7 32
F 7	23 23	26 26	3 34	24 40	1 21	21 34	1 50	18 23	3 12	15 9	0 53	7 57	2 23	10 4	0 32	12 47	0 36	7 36	17 11	20 2	19 42	6 28	11 51	7 32
S 8	23 25	26 6	2 37	24 49	1 26	21 17	2 6	18 25	3 14	15 10	0 53	7 59	2 23	10 4	0 32	12 47	0 36	7 36	17 11	20 3	19 42	6 31	11 51	7 33
S 9	23 27	24 16	1 30	24 57	1 30	21 1	2 21	18 27	3 17	15 11	0 54	8 0	2 24	10 4	0 32	12 47	0 36	7 36	17 10	20 3	19 43	6 34	11 51	7 33
M10	23 28	21 1	0 18	25 4	1 35	20 44	2 35	18 29	3 19	15 12	0 54	8 2	2 24	10 3	0 32	12 48	0 36	7 36	17 10	20 4	19 44	6 37	11 52	7 34
T 11	23 29	16 34	0n57	25 9	1 39	20 28	2 49	18 31	3 22	15 13	0 54	8 3	2 24	10 3	0 32	12 48	0 36	7 35	17 10	20 4	19 44	6 40	11 52	7 34
W12	23 30	11 12	2 9	25 12	1 43	20 13	3 3	18 34	3 24	15 14	0 54	8 5	2 24	10 3	0 32	12 48	0 36	7 35	17 9	20 3	19 45	6 43	11 52	7 35
T 13	23 29	5 14	3 14	25 15	1 47	19 57	3 16	18 37	3 27	15 15	0 55	8 6	2 24	10 3	0 32	12 48	0 36	7 35	17 9	20 3	19 46	6 47	11 52	7 35
F 14	23 29	1n 1	4 8	25 16	1 51	19 43	3 29	18 40	3 29	15 16	0 55	8 7	2 25	10 3	0 32	12 49	0 36	7 35	17 9	20 3	19 47	6 50	11 53	7 36
S 15	23 28	7 15	4 48	25 15	1 54	19 28	3 41	18 44	3 32	15 17	0 55	8 9	2 25	10 2	0 32	12 49	0 36	7 35	17 8	20 3	19 47	6 53	11 53	7 36
S 16	23 26	13 7	5 9	25 13	1 57	19 15	3 53	18 48	3 34	15 18	0 55	8 10	2 25	10 2	0 32	12 49	0 36	7 34	17 8	20 3	19 48	6 56	11 54	7 37
M17	23 24	18 18	5 12	25 9	1 59	19 2	4 4	18 52	3 37	15 20	0 56	8 11	2 25	10 2	0 32	12 50	0 36	7 34	17 8	20 3	19 49	6 59	11 54	7 37
T 18	23 22	22 27	4 56	25 4	2 2	18 50	4 14	18 56	3 39	15 21	0 56	8 13	2 26	10 2	0 32	12 50	0 36	7 34	17 7	20 4	19 49	7 2	11 54	7 38
W19	23 19	25 15	4 23	24 57	2 4	18 38	4 24	19 0	3 42	15 23	0 56	8 14	2 26	10 2	0 32	12 50	0 36	7 34	17 7	20 5	19 50	7 5	11 55	7 38
T 20	23 15	26 28	3 34	24 49	2 5	18 28	4 33	19 5	3 44	15 24	0 56	8 15	2 26	10 2	0 31	12 51	0 36	7 33	17 6	20 6	19 51	7 8	11 55	7 38
F 21	23 11	26 2	2 33	24 39	2 6	18 18	4 41	19 10	3 46	15 26	0 57	8 16	2 26	10 2	0 31	12 51	0 36	7 33	17 6	20 6	19 52	7 11	11 56	7 39
S 22	23 7	24 5	1 25	24 27	2 7	18 9	4 49	19 15	3 49	15 27	0 57	8 17	2 26	10 1	0 31	12 51	0 36	7 33	17 6	20 7	19 52	7 14	11 56	7 39
S 23	23 2	20 51	0 14	24 14	2 8	18 1	4 56	19 21	3 51	15 29	0 57	8 18	2 27	10 1	0 31	12 52	0 36	7 32	17 5	20 7	19 53	7 17	11 57	7 39
M24	22 57	16 41	0s57	23 59	2 7	17 53	5 2	19 26	3 53	15 31	0 57	8 19	2 27	10 1	0 31	12 52	0 36	7 32	17 5	20 7	19 54	7 20	11 57	7 40
T 25	22 51	11 52	2 3	23 42	2 7	17 47	5 8	19 32	3 56	15 33	0 58	8 20	2 27	10 1	0 31	12 52	0 36	7 32	17 5	20 6	19 54	7 23	11 58	7 40
W26	22 45	6 42	3 2	23 24	2 6	17 41	5 14	19 38	3 58	15 34	0 58	8 21	2 27	10 1	0 31	12 53	0 36	7 31	17 4	20 6	19 55	7 26	11 59	7 40
T 27	22 38	1 22	3 52	23 5	2 4	17 36	5 18	19 44	4 0	15 36	0 58	8 22	2 28	10 1	0 31	12 53	0 36	7 31	17 4	20 6	19 56	7 29	11 59	7 40
F 28	22 31	3s56	4 31	22 43	2 2	17 32	5 22	19 51	4 2	15 38	0 58	8 23	2 28	10 1	0 31	12 54	0 36	7 31	17 4	20 6	19 56	7 32	12 0	7 41
S 29	22 24	9 5	4 59	22 20	1 59	17 29	5 26	19 57	4 5	15 40	0 58	8 24	2 28	10 1	0 31	12 54	0 36	7 30	17 3	20 5	19 57	7 35	12 1	7 41
S 30	22 16	13 54	5 14	21 56	1 56	17 26	5 29	20 4	4 7	15 42	0 59	8 25	2 28	10 2	0 31	12 54	0 36	7 30	17 3	20 5	19 58	7 37	12 2	7 41
M31	22s 7	18s14	5s15	21s30	1s52	17s24	5n32	20n11	4n 9	15n44	0n59	8s26	2n29	10n 2	0s31	12n55	0n36	7s30	17s 2	20s 6	19s59	7s40	12n 2	7s41

Julian Day Number = 2305426.5, Delta T = 88.88 sec
Ecliptic obliquity = 23°29'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°09'25, Lahiri = 18°16'25 Julian Calendar 1 Dec. 1599 == Greg. Calendar 11 Dec. 1599

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