Astrodienst Ephemeris Tables

for the year 1593

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1593
geocentric

JANUARY 1593 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 8	10♑41'21	21♐22	13♑21	2♒52	19♏58	2♑55	24°R35	29♓16	11°R57	14♈16	18°R 6	16♊50	22♐38	26°R19	F 1
S 2	6 46 4	11°42'33	3♑10	15° 0	4° 7	20°37	3° 9	24♋31	29°17	11♌56	14°16	18♊ 5	16°47	22°45	26♉16	S 2
S 3	6 50 1	12°43'44	15° 2	16°39	5°22	21°16	3°23	24°26	29°19	11°55	14°16	18° 3	16°44	22°51	26°14	S 3
M 4	6 53 58	13°44'56	27° 0	18°18	6°36	21°56	3°37	24°21	29°20	11°53	14°16	17°59	16°41	22°58	26°12	M 4
T 5	6 57 54	14°46'07	9♒ 5	19°58	7°51	22°35	3°51	24°16	29°21	11°52	14°16	17°55	16°38	23° 5	26°10	T 5
W 6	7 1 51	15°47'17	21°20	21°38	9° 6	23°14	4° 4	24°11	29°23	11°50	14°16	17°50	16°34	23°11	26° 8	W 6
T 7	7 5 47	16°48'27	3♓46	23°19	10°21	23°54	4°18	24° 7	29°24	11°49	14°17	17°45	16°31	23°18	26° 7	T 7
F 8	7 9 44	17°49'37	16°24	25° 0	11°36	24°33	4°32	24° 2	29°26	11°47	14°17	17°40	16°28	23°24	26° 5	F 8
S 9	7 13 40	18°50'45	29°17	26°41	12°50	25°12	4°46	23°57	29°27	11°46	14°17	17°37	16°25	23°31	26° 3	S 9
S 10	7 17 37	19°51'53	12♈28	28°22	14° 5	25°52	4°59	23°52	29°29	11°44	14°17	17°36	16°22	23°38	26° 1	S 10
M11	7 21 33	20°53'00	25°58	0♒ 4	15°20	26°31	5°13	23°47	29°31	11°43	14°18	17°D35	16°18	23°44	26° 0	M11
T 12	7 25 30	21°54'06	9♉49	1°46	16°34	27°10	5°26	23°42	29°32	11°41	14°18	17°36	16°15	23°51	25°58	T 12
W13	7 29 27	22°55'12	24° 1	3°28	17°49	27°50	5°40	23°37	29°34	11°40	14°18	17°38	16°12	23°58	25°57	W13
T 14	7 33 23	23°56'16	8♊34	5° 9	19° 4	28°29	5°54	23°32	29°36	11°38	14°19	17°39	16° 9	24° 4	25°56	T 14
F 15	7 37 20	24°57'20	23°24	6°51	20°18	29° 8	6° 7	23°27	29°38	11°36	14°19	17°R39	16° 6	24°11	25°54	F 15
S 16	7 41 16	25°58'23	8♋25	8°32	21°33	29°48	6°21	23°22	29°40	11°35	14°19	17°38	16° 3	24°18	25°53	S 16
S 17	7 45 13	26°59'24	23°30	10°12	22°47	0♐27	6°34	23°17	29°42	11°33	14°20	17°34	15°59	24°24	25°52	S 17
M18	7 49 9	28° 0'26	8♌27	11°52	24° 2	1° 7	6°48	23°12	29°44	11°32	14°20	17°29	15°56	24°31	25°51	M18
T 19	7 53 6	29° 1'26	23°10	13°31	25°16	1°46	7° 1	23° 7	29°46	11°30	14°21	17°22	15°53	24°38	25°50	T 19
W20	7 57 3	0♒ 2'25	7♍30	15° 8	26°31	2°25	7°14	23° 2	29°48	11°28	14°21	17°15	15°50	24°44	25°49	W20
T 21	8 0 59	1° 3'24	21°23	16°44	27°45	3° 5	7°28	22°57	29°50	11°27	14°22	17° 9	15°47	24°51	25°48	T 21
F 22	8 4 56	2° 4'22	4♎48	18°18	28°59	3°44	7°41	22°53	29°52	11°25	14°22	17° 4	15°44	24°58	25°47	F 22
S 23	8 8 52	3° 5'20	17°45	19°49	0♓14	4°24	7°54	22°48	29°54	11°23	14°23	17° 0	15°40	25° 4	25°46	S 23
S 24	8 12 49	4° 6'16	0♏18	21°17	1°28	5° 3	8° 7	22°43	29°56	11°22	14°24	16°D59	15°37	25°11	25°45	S 24
M25	8 16 45	5° 7'12	12°31	22°41	2°42	5°43	8°21	22°38	29°59	11°20	14°24	16°59	15°34	25°17	25°45	M25
T 26	8 20 42	6° 8'07	24°30	24° 1	3°57	6°22	8°34	22°33	0♈ 1	11°18	14°25	17° 0	15°31	25°24	25°44	T 26
W27	8 24 38	7° 9'02	6♐20	25°16	5°11	7° 1	8°47	22°29	0° 3	11°17	14°25	17° 2	15°28	25°31	25°44	W27
T 28	8 28 35	8° 9'55	18° 6	26°25	6°25	7°41	9° 0	22°24	0° 6	11°15	14°26	17°R 2	15°24	25°37	25°43	T 28
F 29	8 32 32	9°10'48	29°53	27°28	7°39	8°20	9°13	22°19	0° 8	11°13	14°27	17° 1	15°21	25°44	25°43	F 29
S 30	8 36 28	10°11'40	11♑44	28°23	8°53	9° 0	9°26	22°15	0°11	11°12	14°27	16°58	15°18	25°51	25°43	S 30
S 31	8 40 25	11♒12'30	23♑42	29♒10	10♓ 7	9♐39	9♑39	22♋10	0♈13	11♌10	14♈28	16♊52	15♊15	25♐57	25♉43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 4	23s31	0s18	24s48	1s59	21s 6	1s35	17s11	0n37	23s22	0n 6	21n24	0n 9	0s57	0s43	17n22	0n 7	10s12	17s11	22n58	22n50	23s48	15n28	4s 1	F 1
S 2	22 59	24 49	1 22	24 39	2 1	20 49	1 36	17 22	0 36	23 22	0 6	21 25	0 9	0 56	0 43	17 22	0 7	10 12	17 11	22 57	22 50	23 50	15 28	4 1	S 2
S 3	22 53	25 1	2 23	24 29	2 3	20 32	1 36	17 33	0 36	23 22	0 5	21 26	0 9	0 56	0 43	17 22	0 7	10 12	17 11	22 57	22 50	23 51	15 27	4 0	S 3
M 4	22 47	24 2	3 18	24 18	2 4	20 13	1 37	17 43	0 35	23 21	0 5	21 27	0 9	0 55	0 43	17 23	0 7	10 11	17 10	22 57	22 49	23 52	15 27	4 0	M 4
T 5	22 40	21 57	4 5	24 4	2 6	19 55	1 37	17 54	0 35	23 21	0 5	21 28	0 9	0 55	0 43	17 23	0 7	10 11	17 10	22 56	22 49	23 53	15 27	4 0	T 5
W 6	22 33	18 51	4 41	23 49	2 6	19 35	1 38	18 4	0 34	23 21	0 5	21 29	0 9	0 54	0 43	17 24	0 7	10 10	17 10	22 56	22 49	23 55	15 26	4 0	W 6
T 7	22 26	14 52	5 4	23 33	2 6	19 15	1 38	18 15	0 34	23 20	0 5	21 30	0 9	0 53	0 43	17 24	0 7	10 10	17 9	22 56	22 48	23 56	15 26	4 0	T 7
F 8	22 18	10 11	5 13	23 15	2 6	18 55	1 38	18 25	0 33	23 20	0 5	21 30	0 10	0 53	0 43	17 24	0 7	10 10	17 9	22 55	22 48	23 57	15 26	4 0	F 8
S 9	22 10	4 58	5 7	22 55	2 5	18 34	1 38	18 35	0 32	23 20	0 5	21 31	0 10	0 52	0 43	17 25	0 7	10 9	17 8	22 55	22 48	23 58	15 25	4 0	S 9
S 10	22 1	0n34	4 44	22 34	2 4	18 12	1 38	18 45	0 32	23 19	0 5	21 32	0 10	0 52	0 43	17 25	0 7	10 9	17 8	22 55	22 48	23 59	15 25	4 0	S 10
M11	21 52	6 14	4 6	22 10	2 2	17 50	1 38	18 55	0 31	23 19	0 5	21 33	0 10	0 51	0 43	17 26	0 7	10 8	17 8	22 55	22 47	24 1	15 25	3 59	M11
T 12	21 42	11 45	3 12	21 46	2 0	17 28	1 38	19 4	0 31	23 18	0 5	21 34	0 10	0 50	0 43	17 26	0 7	10 8	17 7	22 55	22 47	24 2	15 25	3 59	T 12
W13	21 32	16 47	2 6	21 20	1 57	17 5	1 38	19 14	0 30	23 18	0 5	21 35	0 10	0 49	0 43	17 27	0 7	10 7	17 7	22 55	22 47	24 3	15 25	3 59	W13
T 14	21 22	20 58	0 49	20 52	1 54	16 41	1 38	19 23	0 29	23 17	0 4	21 36	0 10	0 49	0 43	17 27	0 7	10 7	17 7	22 55	22 46	24 4	15 24	3 59	T 14
F 15	21 11	23 51	0n31	20 22	1 50	16 17	1 37	19 33	0 29	23 17	0 4	21 37	0 10	0 48	0 43	17 28	0 7	10 6	17 6	22 55	22 46	24 5	15 24	3 59	F 15
S 16	21 0	25 4	1 51	19 52	1 45	15 53	1 37	19 42	0 28	23 16	0 4	21 38	0 10	0 47	0 42	17 28	0 7	10 6	17 6	22 55	22 46	24 7	15 24	3 59	S 16
S 17	20 48	24 26	3 3	19 19	1 40	15 28	1 36	19 51	0 27	23 16	0 4	21 39	0 10	0 46	0 42	17 28	0 7	10 5	17 6	22 55	22 45	24 8	15 24	3 59	S 17
M18	20 36	22 4	4 1	18 46	1 33	15 3	1 36	19 59	0 27	23 15	0 4	21 40	0 11	0 45	0 42	17 29	0 7	10 5	17 5	22 54	22 45	24 9	15 24	3 58	M18
T 19	20 24	18 16	4 43	18 11	1 27	14 37	1 35	20 8	0 26	23 14	0 4	21 41	0 11	0 45	0 42	17 29	0 7	10 4	17 5	22 54	22 45	24 10	15 24	3 58	T 19
W20	20 11	13 29	5 5	17 35	1 19	14 11	1 35	20 17	0 25	23 14	0 4	21 42	0 11	0 44	0 42	17 30	0 7	10 4	17 4	22 53	22 44	24 11	15 24	3 58	W20
T 21	19 58	8 9	5 9	16 58	1 10	13 45	1 34	20 25	0 25	23 13	0 4	21 43	0 11	0 43	0 42	17 30	0 7	10 3	17 4	22 52	22 44	24 12	15 24	3 58	T 21
F 22	19 45	2 36	4 55	16 21	1 1	13 18	1 33	20 33	0 24	23 13	0 4	21 44	0 11	0 42	0 42	17 31	0 7	10 3	17 4	22 52	22 44	24 13	15 24	3 58	F 22
S 23	19 31	2s52	4 26	15 43	0 51	12 51	1 32	20 41	0 23	23 12	0 4	21 45	0 11	0 41	0 42	17 31	0 7	10 2	17 3	22 51	22 43	24 15	15 24	3 58	S 23
S 24	19 16	8 5	3 46	15 4	0 40	12 24	1 31	20 49	0 23	23 11	0 3	21 46	0 11	0 40	0 42	17 32	0 7	10 2	17 3	22 51	22 43	24 16	15 24	3 57	S 24
M25	19 2	12 50	2 56	14 26	0 28	11 56	1 30	20 57	0 22	23 10	0 3	21 46	0 11	0 39	0 42	17 32	0 7	10 1	17 3	22 51	22 43	24 17	15 24	3 57	M25
T 26	18 47	17 1	1 59	13 47	0 16	11 28	1 29	21 4	0 21	23 10	0 3	21 47	0 11	0 38	0 42	17 33	0 7	10 1	17 2	22 51	22 42	24 18	15 24	3 57	T 26
W27	18 32	20 28	0 58	13 10	0 2	11 0	1 28	21 12	0 21	23 9	0 3	21 48	0 12	0 37	0 42	17 33	0 7	10 0	17 2	22 52	22 42	24 19	15 24	3 57	W27
T 28	18 16	23 3	0s 6	12 33	0n12	10 31	1 26	21 19	0 20	23 8	0 3	21 49	0 12	0 36	0 42	17 34	0 8	10 0	17 2	22 52	22 42	24 20	15 24	3 57	T 28
F 29	18 0	24 38	1 9	11 57	0 27	10 2	1 25	21 26	0 19	23 7	0 3	21 50	0 12	0 35	0 42	17 34	0 8	9 59	17 1	22 51	22 41	24 21	15 24	3 57	F 29
S 30	17 44	25 7	2 9	11 24	0 43	9 33	1 24	21 33	0 18	23 7	0 3	21 51	0 12	0 34	0 42	17 35	0 8	9 59	17 1	22 51	22 41	24 22	15 24	3 56	S 30
S 31	17s27	24s26	3s 4	10s52	0n59	9s 4	1s22	21s39	0n18	23s 6	0n 3	21n52	0n12	0s33	0s42	17n35	0n 8	9s58	17s 1	22n51	22n40	24s23	15n24	3s56	S 31

Julian Day Number = 2302891.5, Delta T = 98.73 sec
Ecliptic obliquity = 23°29'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'37, Lahiri = 18°10'37Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

FEBRUARY 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 21	12♒13'20	5♒51	29♒49	11♓21	10♐19	9♑51	22°R 6	0♈16	11°R 8	14♈29	16°R44	15♊12	26♐ 4	25°R43	M 1
T 2	8 48 18	13°14'08	18°10	0♓17	12°35	10°58	10° 4	22♋ 1	0°18	11♌ 6	14°30	16♊34	15° 9	26°11	25°D43	T 2
W 3	8 52 14	14°14'54	0♓41	0°36	13°49	11°38	10°17	21°57	0°21	11° 5	14°30	16°23	15° 5	26°17	25♉43	W 3
T 4	8 56 11	15°15'40	13°25	0°R44	15° 3	12°17	10°30	21°53	0°23	11° 3	14°31	16°11	15° 2	26°24	25°43	T 4
F 5	9 0 7	16°16'23	26°20	0°42	16°17	12°57	10°42	21°48	0°26	11° 1	14°32	16° 1	14°59	26°31	25°43	F 5
S 6	9 4 4	17°17'06	9♈26	0°29	17°30	13°36	10°55	21°44	0°29	11° 0	14°33	15°53	14°56	26°37	25°43	S 6
S 7	9 8 0	18°17'46	22°45	0° 5	18°44	14°15	11° 7	21°40	0°31	10°58	14°34	15°48	14°53	26°44	25°43	S 7
M 8	9 11 57	19°18'25	6♉17	29♒31	19°58	14°55	11°20	21°36	0°34	10°56	14°35	15°45	14°49	26°51	25°44	M 8
T 9	9 15 54	20°19'02	20° 2	28°49	21°11	15°34	11°32	21°32	0°37	10°55	14°35	15°D44	14°46	26°57	25°44	T 9
W10	9 19 50	21°19'37	4♊ 2	27°58	22°25	16°14	11°44	21°28	0°40	10°53	14°36	15°45	14°43	27° 4	25°45	W10
T 11	9 23 47	22°20'11	18°15	27° 1	23°38	16°53	11°56	21°24	0°43	10°51	14°37	15°R45	14°40	27°10	25°46	T 11
F 12	9 27 43	23°20'43	2♋42	25°58	24°52	17°33	12° 9	21°20	0°46	10°50	14°38	15°44	14°37	27°17	25°46	F 12
S 13	9 31 40	24°21'13	17°18	24°53	26° 5	18°12	12°21	21°16	0°48	10°48	14°39	15°40	14°34	27°24	25°47	S 13
S 14	9 35 36	25°21'41	1♌59	23°45	27°19	18°51	12°33	21°13	0°51	10°46	14°40	15°34	14°30	27°30	25°48	S 14
M15	9 39 33	26°22'07	16°38	22°38	28°32	19°31	12°44	21° 9	0°54	10°45	14°41	15°25	14°27	27°37	25°49	M15
T 16	9 43 30	27°22'32	1♍ 8	21°33	29°45	20°10	12°56	21° 6	0°57	10°43	14°42	15°14	14°24	27°44	25°50	T 16
W17	9 47 26	28°22'54	15°21	20°31	0♈58	20°50	13° 8	21° 2	1° 0	10°42	14°43	15° 3	14°21	27°50	25°51	W17
T 18	9 51 23	29°23'16	29°12	19°33	2°11	21°29	13°20	20°59	1° 3	10°40	14°44	14°51	14°18	27°57	25°52	T 18
F 19	9 55 19	0♓23'35	12♎38	18°41	3°24	22° 9	13°31	20°55	1° 6	10°38	14°45	14°42	14°15	28° 4	25°53	F 19
S 20	9 59 16	1°23'53	25°39	17°55	4°37	22°48	13°43	20°52	1° 9	10°37	14°46	14°34	14°11	28°10	25°54	S 20
S 21	10 3 12	2°24'10	8♏16	17°16	5°50	23°27	13°54	20°49	1°13	10°35	14°47	14°30	14° 8	28°17	25°56	S 21
M22	10 7 9	3°24'25	20°33	16°44	7° 3	24° 7	14° 6	20°46	1°16	10°34	14°49	14°27	14° 5	28°24	25°57	M22
T 23	10 11 5	4°24'39	2♐34	16°19	8°15	24°46	14°17	20°43	1°19	10°32	14°50	14°D27	14° 2	28°30	25°59	T 23
W24	10 15 2	5°24'51	14°25	16° 1	9°28	25°26	14°28	20°41	1°22	10°31	14°51	14°R27	13°59	28°37	26° 0	W24
T 25	10 18 58	6°25'02	26°13	15°50	10°41	26° 5	14°39	20°38	1°25	10°29	14°52	14°26	13°55	28°44	26° 2	T 25
F 26	10 22 55	7°25'11	8♑ 1	15°D46	11°53	26°45	14°50	20°35	1°28	10°28	14°53	14°24	13°52	28°50	26° 4	F 26
S 27	10 26 52	8°25'18	19°55	15°48	13° 6	27°24	15° 1	20°33	1°32	10°26	14°54	14°20	13°49	28°57	26° 5	S 27
S 28	10 30 48	9♓25'24	2♒ 0	15♒57	14♈18	28♐ 3	15♑12	20♋30	1♈35	10♌25	14♈55	14♊13	13♊46	29♐ 4	26♉ 7	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s10	22s35	3s51	10s23	1n15	8s34	1s21	21s46	0n17	23s 5	0n 3	21n52	0n12	0s32	0s42	17n36	0n 8	9s57	17s 0	22n50	22n40	24s24	15n24	3s56
T 2	16 53	19 40	4 28	9 58	1 32	8 4	1 19	21 52	0 16	23 4	0 3	21 53	0 12	0 31	0 42	17 36	0 8	9 57	17 0	22 49	22 40	24 25	15 24	3 56
W 3	16 36	15 49	4 53	9 35	1 49	7 34	1 17	21 59	0 15	23 3	0 3	21 54	0 12	0 30	0 42	17 37	0 8	9 56	17 0	22 48	22 39	24 27	15 25	3 56
T 4	16 18	11 12	5 4	9 17	2 5	7 4	1 15	22 5	0 15	23 2	0 2	21 55	0 12	0 29	0 42	17 37	0 8	9 56	16 59	22 46	22 39	24 28	15 25	3 56
F 5	16 0	6 2	4 59	9 3	2 22	6 33	1 14	22 10	0 14	23 1	0 2	21 56	0 12	0 28	0 42	17 37	0 8	9 55	16 59	22 45	22 39	24 29	15 25	3 55
S 6	15 41	0 32	4 39	8 53	2 37	6 3	1 12	22 16	0 13	23 0	0 2	21 56	0 13	0 27	0 42	17 38	0 8	9 54	16 59	22 45	22 38	24 30	15 25	3 55
S 7	15 23	5n 6	4 4	8 47	2 52	5 32	1 10	22 22	0 12	22 59	0 2	21 57	0 13	0 26	0 42	17 38	0 8	9 54	16 58	22 44	22 38	24 31	15 26	3 55
M 8	15 4	10 35	3 14	8 47	3 5	5 1	1 8	22 27	0 11	22 59	0 2	21 58	0 13	0 25	0 42	17 39	0 8	9 53	16 58	22 44	22 38	24 32	15 26	3 55
T 9	14 45	15 40	2 13	8 50	3 17	4 30	1 5	22 32	0 10	22 58	0 2	21 59	0 13	0 24	0 42	17 39	0 8	9 53	16 58	22 44	22 37	24 33	15 26	3 55
W10	14 25	19 59	1 2	8 58	3 27	3 59	1 3	22 37	0 10	22 57	0 2	21 59	0 13	0 22	0 42	17 40	0 8	9 52	16 58	22 44	22 37	24 34	15 26	3 54
T 11	14 6	23 12	0n13	9 10	3 35	3 28	1 1	22 42	0 9	22 56	0 2	22 0	0 13	0 21	0 42	17 40	0 8	9 51	16 57	22 44	22 37	24 35	15 27	3 54
F 12	13 46	24 57	1 29	9 26	3 40	2 57	0 59	22 47	0 8	22 55	0 2	22 1	0 13	0 20	0 42	17 41	0 8	9 51	16 57	22 44	22 36	24 36	15 27	3 54
S 13	13 26	25 0	2 39	9 44	3 44	2 25	0 56	22 51	0 7	22 54	0 2	22 1	0 13	0 19	0 42	17 41	0 8	9 50	16 57	22 43	22 36	24 37	15 27	3 54
S 14	13 6	23 20	3 40	10 5	3 45	1 54	0 54	22 55	0 6	22 53	0 1	22 2	0 13	0 18	0 42	17 42	0 8	9 50	16 56	22 43	22 35	24 38	15 28	3 54
M15	12 45	20 6	4 25	10 28	3 44	1 22	0 51	22 59	0 5	22 52	0 1	22 3	0 13	0 17	0 42	17 42	0 8	9 49	16 56	22 42	22 35	24 39	15 28	3 54
T 16	12 25	15 39	4 53	10 52	3 40	0 51	0 49	23 3	0 4	22 50	0 1	22 3	0 13	0 15	0 42	17 43	0 8	9 48	16 56	22 40	22 35	24 40	15 29	3 53
W17	12 4	10 25	5 2	11 17	3 35	0 19	0 46	23 7	0 3	22 49	0 1	22 4	0 14	0 14	0 42	17 43	0 8	9 48	16 56	22 39	22 34	24 41	15 29	3 53
T 18	11 43	4 47	4 52	11 42	3 28	0n12	0 43	23 11	0 3	22 48	0 1	22 5	0 14	0 13	0 42	17 43	0 8	9 47	16 55	22 38	22 34	24 42	15 30	3 53
F 19	11 21	0s54	4 27	12 6	3 19	0 44	0 41	23 14	0 2	22 47	0 1	22 5	0 14	0 12	0 42	17 44	0 8	9 46	16 55	22 37	22 34	24 43	15 30	3 53
S 20	11 0	6 23	3 48	12 30	3 9	1 16	0 38	23 17	0 1	22 46	0 1	22 6	0 14	0 10	0 42	17 44	0 8	9 46	16 55	22 36	22 33	24 44	15 30	3 53
S 21	10 39	11 28	2 59	12 52	2 58	1 47	0 35	23 20	0s 0	22 45	0 1	22 6	0 14	0 9	0 41	17 45	0 8	9 45	16 55	22 35	22 33	24 45	15 31	3 52
M22	10 17	15 57	2 3	13 13	2 46	2 19	0 32	23 23	0 1	22 44	0 1	22 7	0 14	0 8	0 41	17 45	0 8	9 45	16 54	22 35	22 32	24 45	15 31	3 52
T 23	9 55	19 42	1 3	13 33	2 33	2 50	0 29	23 26	0 2	22 43	0 1	22 7	0 14	0 7	0 41	17 46	0 8	9 44	16 54	22 35	22 32	24 46	15 32	3 52
W24	9 33	22 35	0 0	13 51	2 20	3 22	0 26	23 28	0 3	22 42	0 0	22 8	0 14	0 5	0 41	17 46	0 8	9 43	16 54	22 35	22 32	24 47	15 32	3 52
T 25	9 11	24 28	1s 2	14 7	2 6	3 53	0 23	23 30	0 4	22 41	0 0	22 8	0 14	0 4	0 41	17 46	0 8	9 43	16 54	22 35	22 31	24 48	15 33	3 52
F 26	8 48	25 16	2 1	14 21	1 53	4 24	0 20	23 32	0 5	22 40	0 0	22 9	0 14	0 3	0 41	17 47	0 8	9 42	16 53	22 35	22 31	24 49	15 34	3 52
S 27	8 26	24 55	2 56	14 34	1 39	4 55	0 17	23 34	0 6	22 39	0 0	22 9	0 14	0 1	0 41	17 47	0 8	9 41	16 53	22 34	22 31	24 50	15 34	3 51
S 28	8s 3	23s23	3s43	14s44	1n25	5n26	0s14	23s36	0s 7	22s37	0n 0	22n10	0n15	0s 0	0s41	17n48	0n 8	9s41	16s53	22n33	22n30	24s51	15n35	3s51

Julian Day Number = 2302922.5, Delta T = 98.60 sec
Ecliptic obliquity = 23°29'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'41, Lahiri = 18°10'41Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

MARCH 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 45	10♓25'28	14♒18	16♒11	15♈30	28♐43	15♑23	20°R28	1♈38	10°R24	14♈57	14°R 3	13♊43	29♐10	26♉ 9	M 1
T 2	10 38 41	11°25'30	26°51	16°31	16°43	29°22	15°33	20♋26	1°41	10♌22	14°58	13♊50	13°40	29°17	26°11	T 2
W 3	10 42 38	12°25'30	9♓40	16°56	17°55	0♑ 1	15°44	20°24	1°45	10°21	14°59	13°37	13°36	29°23	26°13	W 3
T 4	10 46 34	13°25'28	22°44	17°26	19° 7	0°41	15°54	20°22	1°48	10°19	15° 0	13°23	13°33	29°30	26°15	T 4
F 5	10 50 31	14°25'25	6♈ 2	18° 0	20°19	1°20	16° 4	20°20	1°51	10°18	15° 2	13°11	13°30	29°37	26°17	F 5
S 6	10 54 27	15°25'19	19°31	18°39	21°31	1°59	16°15	20°18	1°54	10°17	15° 3	13° 1	13°27	29°43	26°19	S 6
S 7	10 58 24	16°25'11	3♉10	19°21	22°43	2°39	16°25	20°16	1°58	10°15	15° 4	12°53	13°24	29°50	26°22	S 7
M 8	11 2 21	17°25'01	16°57	20° 8	23°54	3°18	16°35	20°15	2° 1	10°14	15° 5	12°49	13°21	29°57	26°24	M 8
T 9	11 6 17	18°24'49	0♊51	20°57	25° 6	3°57	16°45	20°13	2° 4	10°13	15° 7	12°48	13°17	0♑ 3	26°26	T 9
W10	11 10 14	19°24'34	14°50	21°50	26°17	4°36	16°54	20°12	2° 8	10°12	15° 8	12°47	13°14	0°10	26°29	W10
T 11	11 14 10	20°24'17	28°56	22°46	27°29	5°16	17° 4	20°11	2°11	10°10	15° 9	12°47	13°11	0°17	26°31	T 11
F 12	11 18 7	21°23'58	13♋ 6	23°45	28°40	5°55	17°14	20° 9	2°15	10° 9	15°10	12°46	13° 8	0°23	26°34	F 12
S 13	11 22 3	22°23'37	27°20	24°46	29°52	6°34	17°23	20° 8	2°18	10° 8	15°12	12°42	13° 5	0°30	26°37	S 13
S 14	11 26 0	23°23'13	11♌34	25°50	1♉ 3	7°13	17°32	20° 7	2°21	10° 7	15°13	12°36	13° 1	0°37	26°39	S 14
M15	11 29 56	24°22'47	25°46	26°57	2°14	7°52	17°41	20° 7	2°25	10° 6	15°14	12°27	12°58	0°43	26°42	M15
T 16	11 33 53	25°22'18	9♍50	28° 5	3°25	8°32	17°51	20° 6	2°28	10° 5	15°16	12°16	12°55	0°50	26°45	T 16
W17	11 37 50	26°21'48	23°42	29°16	4°35	9°11	17°59	20° 5	2°32	10° 4	15°17	12° 4	12°52	0°57	26°48	W17
T 18	11 41 46	27°21'15	7♎18	0♓29	5°46	9°50	18° 8	20° 5	2°35	10° 3	15°19	11°52	12°49	1° 3	26°51	T 18
F 19	11 45 43	28°20'41	20°33	1°44	6°57	10°29	18°17	20° 4	2°38	10° 2	15°20	11°42	12°46	1°10	26°54	F 19
S 20	11 49 39	29°20'04	3♏28	3° 1	8° 7	11° 8	18°26	20° 4	2°42	10° 1	15°21	11°34	12°42	1°17	26°57	S 20
S 21	11 53 36	0♈19'26	16° 2	4°19	9°18	11°47	18°34	20° 4	2°45	10° 0	15°23	11°28	12°39	1°23	27° 0	S 21
M22	11 57 32	1°18'45	28°19	5°40	10°28	12°26	18°42	20°D 4	2°49	9°59	15°24	11°25	12°36	1°30	27° 3	M22
T 23	12 1 29	2°18'03	10♐22	7° 2	11°38	13° 5	18°50	20° 4	2°52	9°58	15°25	11°D25	12°33	1°36	27° 6	T 23
W24	12 5 25	3°17'20	22°15	8°26	12°48	13°44	18°59	20° 4	2°56	9°57	15°27	11°25	12°30	1°43	27° 9	W24
T 25	12 9 22	4°16'34	4♑ 3	9°51	13°58	14°23	19° 6	20° 4	2°59	9°56	15°28	11°R25	12°26	1°50	27°13	T 25
F 26	12 13 19	5°15'47	15°53	11°18	15° 8	15° 2	19°14	20° 5	3° 2	9°55	15°30	11°25	12°23	1°56	27°16	F 26
S 27	12 17 15	6°14'57	27°50	12°47	16°17	15°41	19°22	20° 5	3° 6	9°54	15°31	11°22	12°20	2° 3	27°19	S 27
S 28	12 21 12	7°14'06	9♒58	14°17	17°27	16°20	19°29	20° 6	3° 9	9°54	15°32	11°18	12°17	2°10	27°23	S 28
M29	12 25 8	8°13'13	22°21	15°49	18°36	16°59	19°37	20° 7	3°13	9°53	15°34	11°10	12°14	2°16	27°26	M29
T 30	12 29 5	9°12'18	5♓ 3	17°22	19°46	17°38	19°44	20° 8	3°16	9°52	15°35	11° 1	12°11	2°23	27°30	T 30
W31	12 33 1	10♈11'22	18♓ 5	18♓57	20♉55	18♑17	19♑51	20♋ 8	3♈20	9♌52	15♈37	10♊51	12♊ 7	2♑30	27♉34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s41	20s44	4s21	14s53	1n12	5n57	0s11	23s38	0s 8	22s36	0s 0	22n10	0n15	0n 1	0s41	17n48	0n 8	9s40	16s53	22n32	22n30	24s52	15n35	3s51
T 2	7 18	17 5	4 47	15 0	0 58	6 28	0 7	23 39	0 9	22 35	0 0	22 11	0 15	0 2	0 41	17 48	0 8	9 39	16 53	22 31	22 29	24 53	15 36	3 51
W 3	6 55	12 35	4 59	15 5	0 45	6 59	0 4	23 40	0 10	22 34	0 0	22 11	0 15	0 4	0 41	17 49	0 8	9 39	16 52	22 29	22 29	24 54	15 37	3 51
T 4	6 32	7 25	4 56	15 8	0 33	7 29	0 1	23 41	0 12	22 33	0 0	22 11	0 15	0 5	0 41	17 49	0 8	9 38	16 52	22 27	22 29	24 55	15 37	3 51
F 5	6 9	1 50	4 37	15 9	0 20	8 0	0n 3	23 42	0 13	22 32	0 1	22 12	0 15	0 6	0 41	17 50	0 8	9 38	16 52	22 26	22 28	24 55	15 38	3 50
S 6	5 46	3n55	4 2	15 8	0 8	8 30	0 6	23 42	0 14	22 31	0 1	22 12	0 15	0 8	0 41	17 50	0 8	9 37	16 52	22 25	22 28	24 56	15 39	3 50
S 7	5 22	9 35	3 13	15 6	0s 3	9 0	0 9	23 43	0 15	22 30	0 1	22 12	0 15	0 9	0 41	17 50	0 8	9 36	16 52	22 24	22 28	24 57	15 39	3 50
M 8	4 59	14 50	2 12	15 2	0 14	9 30	0 13	23 43	0 16	22 29	0 1	22 13	0 15	0 10	0 41	17 51	0 8	9 36	16 52	22 23	22 27	24 58	15 40	3 50
T 9	4 36	19 21	1 3	14 56	0 25	9 59	0 16	23 43	0 17	22 27	0 1	22 13	0 15	0 12	0 41	17 51	0 8	9 35	16 51	22 23	22 27	24 59	15 41	3 50
W10	4 12	22 49	0n11	14 49	0 36	10 29	0 20	23 43	0 18	22 26	0 1	22 13	0 15	0 13	0 41	17 51	0 8	9 34	16 51	22 23	22 26	25 0	15 41	3 50
T 11	3 49	24 54	1 24	14 40	0 45	10 58	0 23	23 43	0 19	22 25	0 1	22 14	0 15	0 14	0 41	17 52	0 8	9 34	16 51	22 23	22 26	25 1	15 42	3 49
F 12	3 25	25 23	2 33	14 30	0 55	11 27	0 27	23 42	0 21	22 24	0 1	22 14	0 15	0 16	0 41	17 52	0 8	9 33	16 51	22 23	22 26	25 1	15 43	3 49
S 13	3 1	24 13	3 32	14 18	1 4	11 55	0 31	23 42	0 22	22 23	0 1	22 14	0 16	0 17	0 41	17 52	0 8	9 32	16 51	22 22	22 25	25 2	15 43	3 49
S 14	2 38	21 29	4 18	14 4	1 12	12 24	0 34	23 41	0 23	22 22	0 2	22 14	0 16	0 19	0 41	17 53	0 8	9 32	16 51	22 21	22 25	25 3	15 44	3 49
M15	2 14	17 29	4 48	13 49	1 20	12 52	0 38	23 40	0 24	22 21	0 2	22 15	0 16	0 20	0 41	17 53	0 8	9 31	16 50	22 20	22 24	25 4	15 45	3 49
T 16	1 51	12 32	5 1	13 32	1 28	13 20	0 41	23 39	0 25	22 20	0 2	22 15	0 16	0 21	0 41	17 53	0 8	9 31	16 50	22 19	22 24	25 5	15 46	3 49
W17	1 27	7 1	4 55	13 14	1 35	13 47	0 45	23 37	0 27	22 19	0 2	22 15	0 16	0 23	0 41	17 54	0 8	9 30	16 50	22 17	22 24	25 5	15 47	3 49
T 18	1 3	1 16	4 32	12 55	1 42	14 14	0 48	23 36	0 28	22 18	0 2	22 15	0 16	0 24	0 41	17 54	0 8	9 29	16 50	22 16	22 23	25 6	15 47	3 48
F 19	0 40	4s25	3 55	12 34	1 48	14 41	0 52	23 34	0 29	22 17	0 2	22 15	0 16	0 25	0 41	17 54	0 8	9 29	16 50	22 14	22 23	25 7	15 48	3 48
S 20	0 16	9 46	3 7	12 11	1 54	15 7	0 56	23 32	0 31	22 16	0 2	22 15	0 16	0 27	0 41	17 54	0 8	9 28	16 50	22 13	22 22	25 8	15 49	3 48
S 21	0n 8	14 35	2 11	11 48	1 59	15 34	0 59	23 30	0 32	22 14	0 2	22 15	0 16	0 28	0 41	17 55	0 8	9 28	16 50	22 12	22 22	25 9	15 50	3 48
M22	0 31	18 42	1 9	11 22	2 4	15 59	1 3	23 28	0 33	22 13	0 2	22 15	0 16	0 30	0 41	17 55	0 8	9 27	16 50	22 12	22 22	25 9	15 51	3 48
T 23	0 55	21 58	0 6	10 56	2 8	16 25	1 7	23 25	0 34	22 12	0 3	22 15	0 16	0 31	0 41	17 55	0 8	9 26	16 50	22 12	22 21	25 10	15 51	3 48
W24	1 19	24 13	0s57	10 28	2 12	16 50	1 10	23 23	0 36	22 11	0 3	22 16	0 16	0 32	0 41	17 55	0 8	9 26	16 49	22 12	22 21	25 11	15 52	3 48
T 25	1 42	25 23	1 58	9 59	2 16	17 14	1 14	23 20	0 37	22 10	0 3	22 16	0 16	0 34	0 41	17 56	0 8	9 25	16 49	22 12	22 20	25 12	15 53	3 48
F 26	2 6	25 24	2 53	9 28	2 19	17 39	1 17	23 17	0 39	22 9	0 3	22 16	0 17	0 35	0 41	17 56	0 8	9 25	16 49	22 12	22 20	25 12	15 54	3 47
S 27	2 29	24 15	3 41	8 57	2 21	18 2	1 21	23 14	0 40	22 9	0 3	22 16	0 17	0 36	0 41	17 56	0 8	9 24	16 49	22 12	22 19	25 13	15 55	3 47
S 28	2 53	21 58	4 20	8 24	2 23	18 26	1 24	23 11	0 41	22 8	0 3	22 16	0 17	0 38	0 41	17 56	0 8	9 23	16 49	22 11	22 19	25 14	15 56	3 47
M29	3 16	18 37	4 48	7 49	2 24	18 49	1 28	23 7	0 43	22 7	0 3	22 16	0 17	0 39	0 41	17 57	0 8	9 23	16 49	22 10	22 19	25 14	15 57	3 47
T 30	3 39	14 22	5 2	7 14	2 25	19 11	1 32	23 4	0 44	22 6	0 3	22 15	0 17	0 40	0 41	17 57	0 8	9 22	16 49	22 9	22 18	25 15	15 58	3 47
W31	4n 3	9s21	5s 2	6s37	2s26	19n33	1n35	23s 0	0s46	22s 5	0s 4	22n15	0n17	0n42	0s41	17n57	0n 8	9s22	16s49	22n 7	22n18	25s16	15n58	3s47

Julian Day Number = 2302950.5, Delta T = 98.48 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'45, Lahiri = 18°10'45Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

APRIL 1593 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 58	11♈10'23	1♈27	20♓33	22♉ 4	18♊55	19♊58	20♋10	3♈23	9°R51	15♈38	10°R40	12♊ 4	2♊36	27♉37	T 1
F 2	12 40 54	12° 9'22	15° 7	22°11	23°13	19°34	20° 5	20°11	3°26	9♌50	15°39	10♊31	12° 1	2°43	27°41	F 2
S 3	12 44 51	13° 8'19	29° 1	23°51	24°21	20°13	20°11	20°12	3°30	9°50	15°41	10°23	11°58	2°50	27°45	S 3
S 4	12 48 47	14° 7'14	13♉ 6	25°31	25°30	20°51	20°18	20°13	3°33	9°49	15°42	10°18	11°55	2°56	27°48	S 4
M 5	12 52 44	15° 6'07	27°17	27°14	26°38	21°30	20°24	20°15	3°37	9°49	15°44	10°15	11°52	3° 3	27°52	M 5
T 6	12 56 41	16° 4'58	11♊31	28°58	27°47	22° 9	20°30	20°16	3°40	9°48	15°45	10°D14	11°48	3°10	27°56	T 6
W 7	13 0 37	17° 3'47	25°45	0♈43	28°55	22°47	20°36	20°18	3°43	9°48	15°46	10°15	11°45	3°16	28° 0	W 7
T 8	13 4 34	18° 2'33	9♋56	2°30	0♊ 3	23°26	20°42	20°20	3°47	9°47	15°48	10°16	11°42	3°23	28° 4	T 8
F 9	13 8 30	19° 1'17	24° 3	4°18	1°11	24° 4	20°48	20°22	3°50	9°47	15°49	10°R16	11°39	3°30	28° 8	F 9
S 10	13 12 27	19°59'59	8♌ 5	6° 8	2°18	24°43	20°53	20°24	3°53	9°47	15°51	10°14	11°36	3°36	28°12	S 10
S 11	13 16 23	20°58'38	22° 0	8° 0	3°26	25°21	20°58	20°26	3°57	9°46	15°52	10°11	11°32	3°43	28°16	S 11
M12	13 20 20	21°57'15	5♍48	9°53	4°33	25°59	21° 4	20°28	4° 0	9°46	15°54	10° 5	11°29	3°50	28°20	M12
T 13	13 24 16	22°55'50	19°25	11°48	5°40	26°37	21° 9	20°31	4° 3	9°46	15°55	9°58	11°26	3°56	28°24	T 13
W14	13 28 13	23°54'22	2♎50	13°44	6°47	27°16	21°14	20°33	4° 7	9°45	15°56	9°50	11°23	4° 3	28°28	W14
T 15	13 32 10	24°52'53	16° 2	15°42	7°53	27°54	21°18	20°36	4°10	9°45	15°58	9°42	11°20	4°10	28°32	T 15
F 16	13 36 6	25°51'22	28°58	17°41	9° 0	28°32	21°23	20°38	4°13	9°45	15°59	9°36	11°17	4°16	28°37	F 16
S 17	13 40 3	26°49'49	11♏39	19°42	10° 6	29°10	21°27	20°41	4°16	9°45	16° 1	9°30	11°13	4°23	28°41	S 17
S 18	13 43 59	27°48'14	24° 4	21°45	11°12	29°48	21°31	20°44	4°20	9°45	16° 2	9°27	11°10	4°29	28°45	S 18
M19	13 47 56	28°46'37	6♐15	23°48	12°18	0♒26	21°35	20°47	4°23	9°45	16° 3	9°D26	11° 7	4°36	28°49	M19
T 20	13 51 52	29°44'59	18°15	25°53	13°24	1° 4	21°39	20°50	4°26	9°D45	16° 5	9°26	11° 4	4°43	28°54	T 20
W21	13 55 49	0♑43'19	0♑ 8	27°59	14°29	1°42	21°43	20°53	4°29	9°45	16° 6	9°28	11° 1	4°49	28°58	W21
T 22	13 59 45	1°41'37	11°57	0♑ 6	15°34	2°20	21°46	20°56	4°32	9°45	16° 8	9°29	10°58	4°56	29° 3	T 22
F 23	14 3 42	2°39'54	23°47	2°15	16°39	2°57	21°50	20°59	4°35	9°45	16° 9	9°31	10°54	5° 3	29° 7	F 23
S 24	14 7 39	3°38'09	5♒44	4°23	17°44	3°35	21°53	21° 3	4°39	9°45	16°10	9°R31	10°51	5° 9	29°12	S 24
S 25	14 11 35	4°36'23	17°53	6°33	18°49	4°13	21°56	21° 6	4°42	9°45	16°12	9°30	10°48	5°16	29°16	S 25
M26	14 15 32	5°34'35	0♓17	8°42	19°53	4°50	21°58	21°10	4°45	9°45	16°13	9°28	10°45	5°23	29°20	M26
T 27	14 19 28	6°32'46	13° 2	10°52	20°57	5°28	22° 1	21°14	4°48	9°45	16°14	9°24	10°42	5°29	29°25	T 27
W28	14 23 25	7°30'55	26° 9	13° 1	22° 0	6° 5	22° 3	21°17	4°51	9°46	16°16	9°19	10°38	5°36	29°30	W28
T 29	14 27 21	8°29'02	9♈39	15° 9	23° 4	6°42	22° 6	21°21	4°54	9°46	16°17	9°14	10°35	5°43	29°34	T 29
F 30	14 31 18	9♉27'08	23♈33	17♉17	24♊ 7	7♒19	22♊ 8	21♋25	4♈57	9♌46	16♈18	9♊10	10♊32	5♊49	29♉39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n26	3s46	4s45	5s59	2s26	19n55	1n38	22s56	0s47	22s 4	0s 4	22n15	0n17	0n43	0s41	17n57	0n 8	9s21	16s49	22n 6	22n17	25s17	15n59	3s47
F 2	4 49	2n 6	4 11	5 20	2 26	20 16	1 42	22 52	0 49	22 3	0 4	22 15	0 17	0 45	0 41	17 57	0 8	9 21	16 49	22 4	22 17	25 17	16 0	3 47
S 3	5 12	8 0	3 22	4 40	2 25	20 36	1 45	22 48	0 50	22 2	0 4	22 15	0 17	0 46	0 41	17 57	0 8	9 20	16 49	22 3	22 17	25 18	16 1	3 47
S 4	5 35	13 35	2 20	3 58	2 23	20 56	1 49	22 43	0 52	22 1	0 4	22 15	0 17	0 47	0 41	17 58	0 8	9 19	16 49	22 3	22 16	25 19	16 2	3 47
M 5	5 58	18 29	1 9	3 16	2 21	21 16	1 52	22 39	0 53	22 1	0 4	22 15	0 17	0 49	0 41	17 58	0 8	9 19	16 49	22 2	22 16	25 19	16 3	3 46
T 6	6 20	22 20	0n 7	2 32	2 19	21 35	1 55	22 34	0 55	22 0	0 4	22 15	0 17	0 50	0 41	17 58	0 8	9 18	16 49	22 2	22 15	25 20	16 4	3 46
W 7	6 43	24 48	1 22	1 47	2 16	21 53	1 59	22 29	0 56	21 59	0 4	22 14	0 17	0 51	0 41	17 58	0 8	9 18	16 49	22 2	22 15	25 21	16 5	3 46
T 8	7 6	25 39	2 33	1 2	2 12	22 11	2 2	22 24	0 58	21 58	0 5	22 14	0 17	0 53	0 41	17 58	0 8	9 17	16 49	22 2	22 14	25 21	16 6	3 46
F 9	7 28	24 51	3 33	0 15	2 8	22 29	2 5	22 19	0 59	21 57	0 5	22 14	0 17	0 54	0 41	17 58	0 8	9 17	16 49	22 2	22 14	25 22	16 7	3 46
S 10	7 50	22 29	4 21	0n33	2 4	22 46	2 8	22 14	1 1	21 57	0 5	22 14	0 18	0 55	0 41	17 58	0 8	9 16	16 49	22 2	22 14	25 23	16 8	3 46
S 11	8 12	18 49	4 52	1 22	1 59	23 2	2 11	22 8	1 2	21 56	0 5	22 13	0 18	0 57	0 41	17 58	0 8	9 16	16 49	22 2	22 13	25 23	16 9	3 46
M12	8 34	14 9	5 7	2 11	1 53	23 18	2 14	22 3	1 4	21 55	0 5	22 13	0 18	0 58	0 41	17 59	0 8	9 15	16 49	22 1	22 13	25 24	16 10	3 46
T 13	8 56	8 51	5 3	3 2	1 47	23 33	2 17	21 57	1 6	21 55	0 5	22 13	0 18	0 59	0 41	17 59	0 8	9 15	16 49	22 0	22 12	25 24	16 11	3 46
W14	9 18	3 12	4 43	3 53	1 41	23 47	2 20	21 51	1 7	21 54	0 5	22 13	0 18	1 0	0 41	17 59	0 8	9 14	16 49	21 58	22 12	25 25	16 12	3 46
T 15	9 39	2s30	4 8	4 45	1 34	24 1	2 23	21 45	1 9	21 54	0 5	22 12	0 18	1 2	0 41	17 59	0 8	9 14	16 49	21 57	22 11	25 26	16 12	3 46
F 16	10 1	8 0	3 21	5 38	1 26	24 15	2 26	21 39	1 11	21 53	0 6	22 12	0 18	1 3	0 41	17 59	0 8	9 13	16 49	21 56	22 11	25 26	16 13	3 46
S 17	10 22	13 4	2 25	6 31	1 18	24 28	2 28	21 33	1 12	21 52	0 6	22 12	0 18	1 4	0 41	17 59	0 8	9 13	16 49	21 56	22 10	25 27	16 14	3 46
S 18	10 43	17 30	1 23	7 25	1 10	24 40	2 31	21 27	1 14	21 52	0 6	22 11	0 18	1 6	0 41	17 59	0 8	9 12	16 49	21 55	22 10	25 27	16 15	3 46
M19	11 4	21 7	0 17	8 19	1 1	24 51	2 34	21 20	1 16	21 51	0 6	22 11	0 18	1 7	0 41	17 59	0 8	9 12	16 49	21 55	22 10	25 28	16 16	3 46
T 20	11 25	23 46	0s48	9 13	0 52	25 2	2 36	21 14	1 18	21 51	0 6	22 10	0 18	1 8	0 41	17 59	0 8	9 12	16 49	21 55	22 9	25 29	16 17	3 46
W21	11 45	25 20	1 50	10 8	0 42	25 13	2 38	21 7	1 19	21 50	0 6	22 10	0 18	1 9	0 41	17 59	0 8	9 11	16 49	21 55	22 9	25 29	16 18	3 46
T 22	12 5	25 44	2 48	11 2	0 32	25 22	2 41	21 0	1 21	21 50	0 6	22 10	0 18	1 11	0 41	17 59	0 8	9 11	16 50	21 55	22 8	25 30	16 19	3 46
F 23	12 25	24 59	3 38	11 56	0 22	25 31	2 43	20 53	1 23	21 50	0 7	22 9	0 18	1 12	0 41	17 59	0 8	9 10	16 50	21 56	22 8	25 30	16 20	3 45
S 24	12 45	23 4	4 20	12 50	0 12	25 40	2 45	20 46	1 25	21 49	0 7	22 9	0 18	1 13	0 41	17 59	0 8	9 10	16 50	21 56	22 7	25 31	16 21	3 45
S 25	13 5	20 7	4 50	13 43	0 1	25 48	2 47	20 39	1 27	21 49	0 7	22 8	0 18	1 14	0 41	17 59	0 8	9 9	16 50	21 56	22 7	25 31	16 22	3 45
M26	13 25	16 12	5 8	14 35	0n 9	25 55	2 49	20 32	1 29	21 49	0 7	22 8	0 19	1 15	0 41	17 59	0 8	9 9	16 50	21 55	22 6	25 32	16 23	3 45
T 27	13 44	11 28	5 12	15 26	0 20	26 2	2 51	20 25	1 31	21 48	0 7	22 7	0 19	1 17	0 41	17 59	0 8	9 9	16 50	21 55	22 6	25 32	16 24	3 45
W28	14 3	6 6	4 59	16 16	0 31	26 8	2 53	20 17	1 32	21 48	0 7	22 7	0 19	1 18	0 41	17 59	0 8	9 8	16 50	21 54	22 6	25 33	16 25	3 45
T 29	14 22	0 18	4 30	17 4	0 41	26 13	2 54	20 10	1 34	21 48	0 7	22 6	0 19	1 19	0 41	17 59	0 8	9 8	16 50	21 53	22 5	25 33	16 26	3 45
F 30	14n40	5n42	3s44	17n51	0n51	26n18	2n56	20s 2	1s36	21s48	0s 8	22n 6	0n19	1n20	0s41	17n59	0n 8	9s 7	16s50	21n52	22n 5	25s34	16n27	3s45

Julian Day Number = 2302981.5, Delta T = 98.36 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'49, Lahiri = 18°10'49Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

MAY 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 14	10♉25'13	7♉46	19♉24	25♊10	7♒57	22♑ 9	21♋29	5♈ 0	9♌47	16♈20	9°R 6	10♊29	5♑56	29♉43	S 1
S 2	14 39 11	11°23'16	22°14	21°29	26°13	8°34	22°11	21°33	5° 3	9°47	16°21	9♊ 4	10°26	6° 3	29°48	S 2
M 3	14 43 8	12°21'17	6♊51	23°32	27°15	9°11	22°12	21°38	5° 6	9°47	16°22	9°D 3	10°23	6° 9	29°53	M 3
T 4	14 47 4	13°19'17	21°31	25°34	28°17	9°47	22°14	21°42	5° 8	9°48	16°24	9° 4	10°19	6°16	29°57	T 4
W 5	14 51 1	14°17'14	6♋ 7	27°33	29°19	10°24	22°15	21°46	5°11	9°48	16°25	9° 5	10°16	6°23	0♊ 2	W 5
T 6	14 54 57	15°15'10	20°35	29°30	0♋20	11° 1	22°16	21°51	5°14	9°49	16°26	9° 6	10°13	6°29	0° 7	T 6
F 7	14 58 54	16°13'05	4♌51	1♊24	1°21	11°37	22°16	21°55	5°17	9°49	16°27	9° 7	10°10	6°36	0°11	F 7
S 8	15 2 50	17°10'57	18°53	3°16	2°22	12°14	22°17	22° 0	5°20	9°50	16°29	9°R 8	10° 7	6°43	0°16	S 8
S 9	15 6 47	18° 8'47	2♍41	5° 4	3°22	12°50	22°17	22° 5	5°22	9°50	16°30	9° 7	10° 4	6°49	0°21	S 9
M10	15 10 43	19° 6'36	16°13	6°50	4°22	13°26	22°R17	22°10	5°25	9°51	16°31	9° 5	10° 0	6°56	0°26	M10
T 11	15 14 40	20° 4'23	29°30	8°32	5°22	14° 2	22°17	22°14	5°28	9°52	16°32	9° 3	9°57	7° 3	0°31	T 11
W12	15 18 37	21° 2'08	12♎33	10°11	6°21	14°38	22°17	22°19	5°30	9°52	16°34	9° 1	9°54	7° 9	0°35	W12
T 13	15 22 33	21°59'51	25°21	11°47	7°19	15°14	22°17	22°24	5°33	9°53	16°35	8°58	9°51	7°16	0°40	T 13
F 14	15 26 30	22°57'33	7♏57	13°20	8°18	15°50	22°16	22°29	5°36	9°54	16°36	8°56	9°48	7°23	0°45	F 14
S 15	15 30 26	23°55'14	20°20	14°49	9°16	16°26	22°15	22°35	5°38	9°55	16°37	8°54	9°44	7°29	0°50	S 15
S 16	15 34 23	24°52'54	2♐32	16°14	10°13	17° 1	22°14	22°40	5°41	9°55	16°38	8°54	9°41	7°36	0°55	S 16
M17	15 38 19	25°50'32	14°35	17°37	11°10	17°37	22°13	22°45	5°43	9°56	16°39	8°D54	9°38	7°43	0°59	M17
T 18	15 42 16	26°48'09	26°30	18°55	12° 6	18°12	22°12	22°51	5°46	9°57	16°41	8°54	9°35	7°49	1° 4	T 18
W19	15 46 12	27°45'45	8♑21	20°11	13° 2	18°47	22°10	22°56	5°48	9°58	16°42	8°55	9°32	7°56	1° 9	W19
T 20	15 50 9	28°43'19	20°10	21°22	13°58	19°22	22° 8	23° 2	5°50	9°59	16°43	8°56	9°29	8° 3	1°14	T 20
F 21	15 54 6	29°40'53	2♒ 1	22°30	14°53	19°57	22° 6	23° 7	5°53	10° 0	16°44	8°57	9°25	8° 9	1°19	F 21
S 22	15 58 2	0♊38'26	13°58	23°34	15°47	20°31	22° 4	23°13	5°55	10° 1	16°45	8°58	9°22	8°16	1°24	S 22
S 23	16 1 59	1°35'58	26° 6	24°35	16°41	21° 6	22° 2	23°19	5°57	10° 2	16°46	8°58	9°19	8°23	1°28	S 23
M24	16 5 55	2°33'29	8♓28	25°31	17°34	21°40	22° 0	23°24	6° 0	10° 3	16°47	8°R58	9°16	8°29	1°33	M24
T 25	16 9 52	3°30'59	21°10	26°24	18°27	22°15	21°57	23°30	6° 2	10° 4	16°48	8°58	9°13	8°36	1°38	T 25
W26	16 13 48	4°28'29	4♈15	27°12	19°19	22°49	21°54	23°36	6° 4	10° 5	16°49	8°58	9° 9	8°43	1°43	W26
T 27	16 17 45	5°25'57	17°45	27°57	20°10	23°22	21°51	23°42	6° 6	10° 6	16°50	8°57	9° 6	8°49	1°48	T 27
F 28	16 21 41	6°23'25	1♉41	28°37	21° 1	23°56	21°48	23°48	6° 8	10° 8	16°51	8°57	9° 3	8°56	1°53	F 28
S 29	16 25 38	7°20'52	16° 2	29°13	21°51	24°30	21°44	23°54	6°10	10° 9	16°52	8°57	9° 0	9° 3	1°58	S 29
S 30	16 29 35	8°18'19	0♊43	29°45	22°40	25° 3	21°41	24° 1	6°12	10°10	16°53	8°D57	8°57	9° 9	2° 2	S 30
M31	16 33 31	9♊15'44	15♊38	0♋13	23♋28	25♒36	21♑37	24♋ 7	6♈14	10♌11	16♈54	8°R57	8♊54	9♑16	2♊ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n59	11n33	2s43	18n36	1n 1	26n22	2n57	19s54	1s38	21s48	0s 8	22n 5	0n19	1n21	0s41	17n58	0n 8	9s 7	16s51	21n52	22n 4	25s34	16n28	3s45
S 2	15 17	16 54	1 31	19 19	1 11	26 25	2 59	19 46	1 40	21 48	0 8	22 4	0 19	1 23	0 41	17 58	0 8	9 7	16 51	21 52	22 4	25 35	16 29	3 45
M 3	15 35	21 18	0 12	20 0	1 20	26 28	3 0	19 39	1 42	21 47	0 8	22 4	0 19	1 24	0 41	17 58	0 8	9 6	16 51	21 51	22 3	25 35	16 30	3 45
T 4	15 52	24 21	1n 8	20 38	1 29	26 30	3 1	19 31	1 44	21 47	0 8	22 3	0 19	1 25	0 41	17 58	0 8	9 6	16 51	21 51	22 3	25 36	16 31	3 45
W 5	16 10	25 44	2 23	21 14	1 38	26 32	3 2	19 23	1 46	21 47	0 8	22 3	0 19	1 26	0 41	17 58	0 8	9 6	16 51	21 52	22 2	25 36	16 32	3 45
T 6	16 27	25 21	3 29	21 48	1 45	26 33	3 3	19 14	1 48	21 47	0 9	22 2	0 19	1 27	0 41	17 58	0 8	9 5	16 51	21 52	22 2	25 37	16 33	3 45
F 7	16 44	23 18	4 21	22 19	1 52	26 33	3 4	19 6	1 50	21 47	0 9	22 1	0 19	1 28	0 41	17 58	0 8	9 5	16 51	21 52	22 1	25 37	16 34	3 46
S 8	17 0	19 52	4 56	22 48	1 59	26 33	3 4	18 58	1 52	21 47	0 9	22 1	0 19	1 29	0 41	17 58	0 8	9 5	16 52	21 52	22 1	25 38	16 35	3 46
S 9	17 16	15 24	5 13	23 14	2 4	26 32	3 5	18 50	1 55	21 48	0 9	22 0	0 19	1 30	0 42	17 57	0 8	9 4	16 52	21 52	22 0	25 38	16 36	3 46
M10	17 32	10 15	5 13	23 37	2 9	26 30	3 5	18 41	1 57	21 48	0 9	21 59	0 19	1 31	0 42	17 57	0 8	9 4	16 52	21 52	22 0	25 39	16 36	3 46
T 11	17 48	4 43	4 55	23 58	2 13	26 28	3 6	18 33	1 59	21 48	0 9	21 58	0 19	1 32	0 42	17 57	0 8	9 4	16 52	21 51	22 0	25 39	16 37	3 46
W12	18 3	0s56	4 23	24 16	2 16	26 26	3 6	18 24	2 1	21 48	0 9	21 58	0 20	1 33	0 42	17 57	0 8	9 4	16 52	21 51	21 59	25 39	16 38	3 46
T 13	18 18	6 27	3 38	24 33	2 19	26 23	3 6	18 16	2 3	21 48	0 10	21 57	0 20	1 34	0 42	17 57	0 8	9 3	16 53	21 51	21 59	25 40	16 39	3 46
F 14	18 33	11 37	2 43	24 46	2 20	26 19	3 5	18 7	2 5	21 49	0 10	21 56	0 20	1 35	0 42	17 57	0 8	9 3	16 53	21 50	21 58	25 40	16 40	3 46
S 15	18 48	16 15	1 41	24 58	2 21	26 15	3 5	17 58	2 8	21 49	0 10	21 55	0 20	1 36	0 42	17 56	0 8	9 3	16 53	21 50	21 58	25 41	16 41	3 46
S 16	19 2	20 8	0 35	25 7	2 21	26 10	3 4	17 50	2 10	21 49	0 10	21 54	0 20	1 37	0 42	17 56	0 8	9 3	16 53	21 50	21 57	25 41	16 42	3 46
M17	19 16	23 7	0s31	25 14	2 20	26 4	3 4	17 41	2 12	21 50	0 10	21 54	0 20	1 38	0 42	17 56	0 8	9 2	16 53	21 50	21 57	25 41	16 43	3 46
T 18	19 29	25 3	1 36	25 20	2 18	25 59	3 3	17 32	2 14	21 50	0 10	21 53	0 20	1 39	0 42	17 56	0 8	9 2	16 54	21 50	21 56	25 42	16 44	3 46
W19	19 42	25 50	2 36	25 23	2 16	25 52	3 2	17 23	2 17	21 50	0 11	21 52	0 20	1 40	0 42	17 55	0 8	9 2	16 54	21 50	21 56	25 42	16 45	3 46
T 20	19 55	25 26	3 29	25 25	2 12	25 45	3 1	17 15	2 19	21 51	0 11	21 51	0 20	1 41	0 42	17 55	0 8	9 2	16 54	21 50	21 55	25 43	16 46	3 46
F 21	20 8	23 53	4 14	25 24	2 8	25 38	2 59	17 6	2 21	21 51	0 11	21 50	0 20	1 42	0 42	17 55	0 8	9 1	16 54	21 50	21 55	25 43	16 47	3 46
S 22	20 20	21 16	4 48	25 23	2 3	25 30	2 58	16 57	2 24	21 52	0 11	21 49	0 20	1 43	0 42	17 55	0 8	9 1	16 54	21 51	21 54	25 43	16 47	3 46
S 23	20 32	17 42	5 9	25 19	1 57	25 22	2 56	16 48	2 26	21 52	0 11	21 48	0 20	1 44	0 42	17 54	0 8	9 1	16 55	21 51	21 54	25 44	16 48	3 46
M24	20 43	13 18	5 17	25 15	1 50	25 13	2 54	16 39	2 28	21 53	0 11	21 48	0 20	1 45	0 42	17 54	0 8	9 1	16 55	21 51	21 53	25 44	16 49	3 47
T 25	20 54	8 15	5 10	25 8	1 42	25 4	2 52	16 30	2 31	21 53	0 12	21 47	0 20	1 46	0 42	17 54	0 8	9 1	16 55	21 51	21 53	25 44	16 50	3 47
W26	21 5	2 42	4 47	25 1	1 33	24 54	2 50	16 21	2 33	21 54	0 12	21 46	0 20	1 46	0 42	17 54	0 8	9 1	16 55	21 51	21 52	25 45	16 51	3 47
T 27	21 15	3n10	4 8	24 52	1 24	24 44	2 47	16 12	2 36	21 55	0 12	21 45	0 20	1 47	0 42	17 53	0 8	9 1	16 56	21 50	21 52	25 45	16 52	3 47
F 28	21 25	9 5	3 13	24 42	1 13	24 34	2 45	16 3	2 38	21 55	0 12	21 44	0 21	1 48	0 42	17 53	0 8	9 0	16 56	21 50	21 51	25 45	16 53	3 47
S 29	21 35	14 42	2 4	24 32	1 2	24 23	2 42	15 55	2 41	21 56	0 12	21 43	0 21	1 49	0 42	17 53	0 8	9 0	16 56	21 50	21 51	25 46	16 53	3 47
S 30	21 44	19 36	0 46	24 20	0 50	24 11	2 39	15 46	2 43	21 57	0 12	21 42	0 21	1 50	0 42	17 52	0 9	9 0	16 56	21 50	21 50	25 46	16 54	3 47
M31	21n53	23n20	0n37	24n 7	0n37	24n 0	2n35	15s37	2s46	21s58	0s13	21n41	0n21	1n50	0s42	17n52	0n 9	9s 0	16s57	21n50	21n50	25s46	16n55	3s47

Julian Day Number = 2303011.5, Delta T = 98.23 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'53, Lahiri = 18°10'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

JUNE 1593 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 28	10♊13'09	0♋39	0♋36	24♋16	26♒ 9	21°R33	24♋13	6♈16	10☊12	16♈55	8°R56	8♊50	9♉23	2♊12	T 1
W 2	16 41 24	11°10'33	15°38	0°54	25° 3	26°41	21♉29	24°19	6°18	10°14	16°56	8♊56	8°47	9°29	2°17	W 2
T 3	16 45 21	12° 7'55	0☊27	1° 8	25°49	27°14	21°25	24°26	6°20	10°15	16°57	8°56	8°44	9°36	2°22	T 3
F 4	16 49 17	13° 5'17	14°59	1°17	26°35	27°46	21°20	24°32	6°22	10°16	16°58	8°56	8°41	9°43	2°27	F 4
S 5	16 53 14	14° 2'37	29°11	1°22	27°19	28°18	21°16	24°39	6°23	10°18	16°59	8°55	8°38	9°49	2°31	S 5
S 6	16 57 11	14°59'57	13♍ 1	1°R22	28° 2	28°50	21°11	24°45	6°25	10°19	16°59	8°D55	8°35	9°56	2°36	S 6
M 7	17 1 7	15°57'15	26°28	1°18	28°45	29°21	21° 6	24°52	6°27	10°21	17° 0	8°55	8°31	10° 3	2°41	M 7
T 8	17 5 4	16°54'32	9♎35	1° 9	29°26	29°53	21° 1	24°59	6°29	10°22	17° 1	8°56	8°28	10° 9	2°46	T 8
W 9	17 9 0	17°51'49	22°23	0°56	0☊ 6	0♓24	20°56	25° 5	6°30	10°24	17° 2	8°56	8°25	10°16	2°50	W 9
T 10	17 12 57	18°49'04	4♏55	0°39	0°46	0°54	20°51	25°12	6°32	10°25	17° 3	8°57	8°22	10°23	2°55	T 10
F 11	17 16 53	19°46'19	17°14	0°18	1°24	1°25	20°45	25°19	6°33	10°27	17° 3	8°58	8°19	10°29	3° 0	F 11
S 12	17 20 50	20°43'33	29°22	29♊54	2° 1	1°55	20°40	25°26	6°35	10°28	17° 4	8°59	8°15	10°36	3° 5	S 12
S 13	17 24 46	21°40'47	11♐23	29°27	2°36	2°25	20°34	25°32	6°36	10°30	17° 5	8°R59	8°12	10°43	3° 9	S 13
M14	17 28 43	22°38'00	23°17	28°58	3°11	2°55	20°28	25°39	6°37	10°31	17° 6	8°59	8° 9	10°49	3°14	M14
T 15	17 32 40	23°35'13	5♑ 8	28°26	3°44	3°24	20°22	25°46	6°39	10°33	17° 6	8°57	8° 6	10°56	3°19	T 15
W16	17 36 36	24°32'25	16°57	27°52	4°15	3°53	20°16	25°53	6°40	10°35	17° 7	8°56	8° 3	11° 3	3°23	W16
T 17	17 40 33	25°29'37	28°47	27°18	4°46	4°22	20°10	26° 0	6°41	10°36	17° 8	8°53	8° 0	11° 9	3°28	T 17
F 18	17 44 29	26°26'49	10♒41	26°43	5°14	4°51	20° 3	26° 7	6°43	10°38	17° 8	8°51	7°56	11°16	3°33	F 18
S 19	17 48 26	27°24'01	22°40	26° 8	5°42	5°19	19°57	26°15	6°44	10°40	17° 9	8°48	7°53	11°23	3°37	S 19
S 20	17 52 22	28°21'12	4♓49	25°34	6° 7	5°46	19°50	26°22	6°45	10°41	17° 9	8°46	7°50	11°29	3°42	S 20
M21	17 56 19	29°18'24	17°12	25° 1	6°31	6°14	19°43	26°29	6°46	10°43	17°10	8°44	7°47	11°36	3°46	M21
T 22	18 0 15	0♋15'35	29°51	24°30	6°54	6°41	19°37	26°36	6°47	10°45	17°10	8°D44	7°44	11°43	3°51	T 22
W23	18 4 12	1°12'47	12♈51	24° 2	7°14	7° 8	19°30	26°43	6°48	10°47	17°11	8°44	7°41	11°49	3°55	W23
T 24	18 8 9	2° 9'59	26°14	23°36	7°33	7°34	19°23	26°51	6°49	10°49	17°12	8°45	7°37	11°56	4° 0	T 24
F 25	18 12 5	3° 7'10	10♉ 4	23°14	7°50	8° 0	19°16	26°58	6°50	10°50	17°12	8°47	7°34	12° 3	4° 4	F 25
S 26	18 16 2	4° 4'23	24°20	22°55	8° 5	8°26	19° 9	27° 5	6°50	10°52	17°12	8°48	7°31	12° 9	4° 9	S 26
S 27	18 19 58	5° 1'35	8♊59	22°41	8°18	8°51	19° 1	27°13	6°51	10°54	17°13	8°R49	7°28	12°16	4°13	S 27
M28	18 23 55	5°58'47	23°59	22°31	8°29	9°16	18°54	27°20	6°52	10°56	17°13	8°48	7°25	12°23	4°17	M28
T 29	18 27 51	6°56'00	9♋ 9	22°26	8°38	9°40	18°47	27°28	6°53	10°58	17°14	8°46	7°21	12°29	4°22	T 29
W30	18 31 48	7♋53'12	24♋22	22°D25	8☊44	10♓ 4	18♉39	27♋35	6♈53	11☊ 0	17♈14	8♊43	7♊18	12♉36	4♊26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n 2	25n27	1n58	23n54	0n24	23n48	2n32	15s28	2s48	21s58	0s13	21n40	0n21	1n51	0s42	17n52	0n 9	9s 0	16s57	21n50	21n49	25s46	16n56	3s47	T 1
W 2	22 10	25 43	3 10	23 39	0 10	23 36	2 28	15 19	2 51	21 59	0 13	21 39	0 21	1 52	0 42	17 51	0 9	9 0	16 57	21 50	21 49	25 47	16 57	3 48	W 2
T 3	22 18	24 9	4 9	23 25	0s 5	23 23	2 24	15 10	2 53	22 0	0 13	21 37	0 21	1 53	0 42	17 51	0 9	9 0	16 58	21 50	21 48	25 47	16 57	3 48	T 3
F 4	22 25	21 0	4 50	23 9	0 20	23 10	2 20	15 2	2 56	22 1	0 13	21 36	0 21	1 53	0 42	17 51	0 9	9 0	16 58	21 50	21 48	25 47	16 58	3 48	F 4
S 5	22 32	16 40	5 13	22 53	0 36	22 57	2 15	14 53	2 59	22 2	0 13	21 35	0 21	1 54	0 42	17 50	0 9	9 0	16 58	21 50	21 47	25 47	16 59	3 48	S 5
S 6	22 39	11 33	5 17	22 37	0 52	22 44	2 11	14 44	3 1	22 3	0 14	21 34	0 21	1 55	0 42	17 50	0 9	9 0	16 58	21 50	21 47	25 48	17 0	3 48	S 6
M 7	22 45	6 2	5 3	22 21	1 9	22 30	2 6	14 36	3 4	22 4	0 14	21 33	0 21	1 55	0 42	17 49	0 9	9 0	16 59	21 50	21 46	25 48	17 1	3 48	M 7
T 8	22 51	0 23	4 33	22 4	1 25	22 17	2 0	14 27	3 7	22 5	0 14	21 32	0 21	1 56	0 42	17 49	0 9	9 0	16 59	21 50	21 46	25 48	17 1	3 48	T 8
W 9	22 56	5s 9	3 51	21 47	1 42	22 3	1 55	14 19	3 9	22 5	0 14	21 31	0 21	1 56	0 42	17 49	0 9	9 0	16 59	21 50	21 45	25 48	17 2	3 49	W 9
T 10	23 1	10 24	2 58	21 30	1 59	21 49	1 49	14 10	3 12	22 6	0 14	21 30	0 21	1 57	0 42	17 48	0 9	9 0	17 0	21 51	21 45	25 49	17 3	3 49	T 10
F 11	23 6	15 8	1 58	21 14	2 16	21 34	1 43	14 2	3 15	22 7	0 14	21 28	0 21	1 58	0 42	17 48	0 9	9 0	17 0	21 51	21 44	25 49	17 4	3 49	F 11
S 12	23 10	19 12	0 53	20 57	2 32	21 20	1 37	13 53	3 18	22 8	0 15	21 27	0 22	1 58	0 42	17 47	0 9	9 0	17 0	21 51	21 44	25 49	17 4	3 49	S 12
S 13	23 14	22 25	0s13	20 41	2 48	21 5	1 30	13 45	3 20	22 10	0 15	21 26	0 22	1 59	0 42	17 47	0 9	9 0	17 1	21 51	21 43	25 49	17 5	3 49	S 13
M14	23 17	24 38	1 18	20 26	3 4	20 51	1 23	13 37	3 23	22 11	0 15	21 25	0 22	1 59	0 42	17 47	0 9	9 0	17 1	21 51	21 43	25 49	17 6	3 49	M14
T 15	23 20	25 43	2 20	20 11	3 18	20 36	1 16	13 29	3 26	22 12	0 15	21 24	0 22	2 0	0 42	17 46	0 9	9 0	17 1	21 51	21 42	25 50	17 6	3 50	T 15
W16	23 23	25 38	3 15	19 56	3 32	20 21	1 9	13 21	3 29	22 13	0 15	21 22	0 22	2 0	0 43	17 46	0 9	9 0	17 2	21 50	21 42	25 50	17 7	3 50	W16
T 17	23 25	24 23	4 2	19 43	3 45	20 6	1 1	13 13	3 32	22 14	0 15	21 21	0 22	2 1	0 43	17 45	0 9	9 0	17 2	21 50	21 41	25 50	17 8	3 50	T 17
F 18	23 27	22 3	4 38	19 31	3 57	19 51	0 53	13 5	3 35	22 15	0 16	21 20	0 22	2 1	0 43	17 45	0 9	9 0	17 2	21 49	21 41	25 50	17 8	3 50	F 18
S 19	23 28	18 45	5 3	19 19	4 7	19 36	0 44	12 57	3 38	22 16	0 16	21 19	0 22	2 1	0 43	17 44	0 9	9 0	17 3	21 49	21 40	25 50	17 9	3 50	S 19
S 20	23 29	14 38	5 14	19 9	4 16	19 22	0 36	12 50	3 41	22 17	0 16	21 17	0 22	2 2	0 43	17 44	0 9	9 0	17 3	21 49	21 40	25 50	17 10	3 51	S 20
M21	23 29	9 51	5 12	19 1	4 24	19 7	0 27	12 42	3 43	22 18	0 16	21 16	0 22	2 2	0 43	17 43	0 9	9 0	17 3	21 49	21 39	25 51	17 10	3 51	M21
T 22	23 30	4 33	4 54	18 53	4 30	18 52	0 17	12 35	3 46	22 19	0 16	21 15	0 22	2 3	0 43	17 43	0 9	9 0	17 4	21 48	21 39	25 51	17 11	3 51	T 22
W23	23 29	1n 4	4 21	18 48	4 34	18 38	0 8	12 27	3 49	22 21	0 16	21 13	0 22	2 3	0 43	17 43	0 9	9 0	17 4	21 49	21 38	25 51	17 12	3 51	W23
T 24	23 29	6 50	3 33	18 43	4 37	18 23	0s 2	12 20	3 52	22 22	0 17	21 12	0 22	2 3	0 43	17 42	0 9	9 0	17 4	21 49	21 38	25 51	17 12	3 51	T 24
F 25	23 27	12 28	2 32	18 41	4 39	18 9	0 13	12 13	3 55	22 23	0 17	21 11	0 22	2 4	0 43	17 42	0 9	9 1	17 5	21 49	21 37	25 51	17 13	3 52	F 25
S 26	23 26	17 37	1 19	18 40	4 39	17 55	0 23	12 6	3 58	22 24	0 17	21 9	0 22	2 4	0 43	17 41	0 9	9 1	17 5	21 49	21 37	25 51	17 13	3 52	S 26
S 27	23 24	21 52	0n 1	18 40	4 38	17 41	0 34	12 0	4 1	22 25	0 17	21 8	0 23	2 4	0 43	17 41	0 9	9 1	17 5	21 49	21 36	25 51	17 14	3 52	S 27
M28	23 21	24 44	1 22	18 42	4 35	17 27	0 46	11 53	4 4	22 26	0 17	21 7	0 23	2 4	0 43	17 40	0 9	9 1	17 6	21 49	21 36	25 51	17 15	3 52	M28
T 29	23 19	25 49	2 39	18 46	4 31	17 13	0 57	11 47	4 8	22 28	0 17	21 5	0 23	2 5	0 43	17 39	0 9	9 1	17 6	21 49	21 35	25 51	17 15	3 52	T 29
W30	23n15	24n58	3n44	18n51	4s26	17n 0	1s 9	11s40	4s11	22s29	0s18	21n 4	0n23	2n 5	0s43	17n39	0n 9	9s 1	17s 6	21n48	21n35	25s52	17n16	3s53	W30

Julian Day Number = 2303042.5, Delta T = 98.11 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°03'57, Lahiri = 18°10'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

JULY 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 44	8♋50'25	9♌27	22♊30	8♌49	10♓27	18°R32	27♋42	6♈54	11♌ 2	17♈15	8°R39	7♊15	12♉43	4♊30	T 1
F 2	18 39 41	9°47'37	24°15	22°39	8°R51	10°50	18♉24	27°50	6°54	11° 4	17°15	8♊35	7°12	12°49	4°34	F 2
S 3	18 43 38	10°44'49	8♍40	22°54	8°51	11°13	18°17	27°58	6°55	11° 6	17°15	8°31	7° 9	12°56	4°39	S 3
S 4	18 47 34	11°42'01	22°38	23°14	8°48	11°35	18° 9	28° 5	6°55	11° 8	17°15	8°28	7° 6	13° 3	4°43	S 4
M 5	18 51 31	12°39'13	6♎ 8	23°39	8°44	11°56	18° 1	28°13	6°56	11°10	17°16	8°27	7° 2	13° 9	4°47	M 5
T 6	18 55 27	13°36'25	19°13	24° 9	8°36	12°17	17°54	28°20	6°56	11°12	17°16	8°D27	6°59	13°16	4°51	T 6
W 7	18 59 24	14°33'37	1♏55	24°44	8°27	12°37	17°46	28°28	6°56	11°14	17°16	8°28	6°56	13°23	4°55	W 7
T 8	19 3 20	15°30'49	14°18	25°25	8°15	12°57	17°38	28°35	6°56	11°16	17°16	8°29	6°53	13°29	4°59	T 8
F 9	19 7 17	16°28'01	26°28	26°11	8° 0	13°17	17°31	28°43	6°57	11°18	17°17	8°31	6°50	13°36	5° 3	F 9
S 10	19 11 13	17°25'13	8♐27	27° 2	7°44	13°36	17°23	28°51	6°57	11°20	17°17	8°R31	6°47	13°43	5° 7	S 10
S 11	19 15 10	18°22'26	20°20	27°57	7°25	13°54	17°15	28°58	6°57	11°22	17°17	8°31	6°43	13°49	5°11	S 11
M12	19 19 7	19°19'39	2♑ 9	28°58	7° 3	14°12	17° 7	29° 6	6°R57	11°24	17°17	8°28	6°40	13°56	5°15	M12
T 13	19 23 3	20°16'52	13°58	0♋ 4	6°40	14°29	17° 0	29°14	6°57	11°26	17°17	8°24	6°37	14° 3	5°19	T 13
W14	19 27 0	21°14'05	25°49	1°14	6°14	14°45	16°52	29°21	6°57	11°28	17°17	8°17	6°34	14° 9	5°23	W14
T 15	19 30 56	22°11'19	7♒43	2°29	5°47	15° 1	16°44	29°29	6°57	11°30	17°17	8°10	6°31	14°16	5°26	T 15
F 16	19 34 53	23° 8'34	19°42	3°49	5°17	15°17	16°37	29°37	6°57	11°32	17°17	8° 1	6°27	14°23	5°30	F 16
S 17	19 38 49	24° 5'49	1♓49	5°13	4°46	15°31	16°29	29°45	6°56	11°35	17°17	7°53	6°24	14°29	5°34	S 17
S 18	19 42 46	25° 3'06	14° 4	6°42	4°14	15°45	16°21	29°52	6°56	11°37	17°R17	7°46	6°21	14°36	5°37	S 18
M19	19 46 43	26° 0'22	26°30	8°15	3°40	15°59	16°14	0♌ 0	6°56	11°39	17°17	7°41	6°18	14°43	5°41	M19
T 20	19 50 39	26°57'40	9♈11	9°52	3° 5	16°11	16° 6	0° 8	6°56	11°41	17°17	7°37	6°15	14°49	5°45	T 20
W21	19 54 36	27°54'59	22° 9	11°33	2°29	16°23	15°59	0°16	6°55	11°43	17°17	7°35	6°12	14°56	5°48	W21
T 22	19 58 32	28°52'19	5♉26	13°18	1°52	16°35	15°51	0°23	6°55	11°45	17°17	7°D35	6° 8	15° 3	5°52	T 22
F 23	20 2 29	29°49'40	19° 6	15° 6	1°15	16°45	15°44	0°31	6°54	11°48	17°17	7°36	6° 5	15° 9	5°55	F 23
S 24	20 6 25	0♌47'02	3♊11	16°57	0°38	16°55	15°37	0°39	6°54	11°50	17°17	7°R37	6° 2	15°16	5°58	S 24
S 25	20 10 22	1°44'25	17°40	18°51	0° 0	17° 4	15°30	0°47	6°53	11°52	17°17	7°37	5°59	15°23	6° 2	S 25
M26	20 14 18	2°41'49	2♋29	20°47	29♋23	17°12	15°23	0°54	6°53	11°54	17°17	7°35	5°56	15°30	6° 5	M26
T 27	20 18 15	3°39'15	17°34	22°46	28°47	17°20	15°16	1° 2	6°52	11°56	17°17	7°30	5°53	15°36	6° 8	T 27
W28	20 22 12	4°36'41	2♌46	24°46	28°11	17°26	15° 9	1°10	6°51	11°59	17°16	7°23	5°49	15°43	6°11	W28
T 29	20 26 8	5°34'09	17°55	26°48	27°36	17°32	15° 2	1°18	6°50	12° 1	17°16	7°15	5°46	15°50	6°14	T 29
F 30	20 30 5	6°31'37	2♍49	28°51	27° 2	17°37	14°55	1°25	6°50	12° 3	17°16	7° 6	5°43	15°56	6°17	F 30
S 31	20 34 1	7♌29'06	17♍22	0♌55	26♋30	17♓42	14♉48	1♌33	6♈49	12♌ 5	17♈16	6♊58	5♊40	16♉ 3	6♊20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n12	22n19	4n33	18n58	4s19	16n47	1s22	11s34	4s14	22s30	0s18	21n 2	0n23	2n 5	0s43	17n38	0n 9	9s 2	17s 7	21n48	21n34	25s52	17n16	3s53
F 2	23 8	18 13	5 3	19 6	4 12	16 34	1 34	11 28	4 17	22 31	0 18	21 1	0 23	2 5	0 43	17 38	0 9	9 2	17 7	21 47	21 34	25 52	17 17	3 53
S 3	23 3	13 10	5 13	19 15	4 4	16 22	1 47	11 23	4 20	22 32	0 18	21 0	0 23	2 5	0 43	17 37	0 9	9 2	17 7	21 46	21 33	25 52	17 17	3 53
S 4	22 59	7 34	5 3	19 25	3 54	16 10	2 0	11 17	4 23	22 34	0 18	20 58	0 23	2 6	0 43	17 37	0 9	9 2	17 8	21 46	21 33	25 52	17 18	3 54
M 5	22 53	1 48	4 37	19 36	3 44	15 58	2 13	11 12	4 26	22 35	0 18	20 57	0 23	2 6	0 43	17 36	0 9	9 2	17 8	21 46	21 32	25 52	17 18	3 54
T 6	22 48	3s53	3 57	19 49	3 33	15 47	2 27	11 7	4 29	22 36	0 18	20 55	0 23	2 6	0 43	17 36	0 9	9 3	17 8	21 46	21 32	25 52	17 19	3 54
W 7	22 42	9 15	3 6	20 2	3 22	15 36	2 41	11 2	4 32	22 37	0 19	20 54	0 23	2 6	0 43	17 35	0 9	9 3	17 9	21 46	21 31	25 52	17 19	3 54
T 8	22 35	14 8	2 8	20 15	3 10	15 26	2 54	10 57	4 36	22 38	0 19	20 52	0 23	2 6	0 43	17 35	0 9	9 3	17 9	21 46	21 30	25 52	17 20	3 55
F 9	22 29	18 21	1 5	20 29	2 57	15 16	3 8	10 52	4 39	22 39	0 19	20 51	0 23	2 6	0 43	17 34	0 9	9 3	17 9	21 46	21 30	25 52	17 20	3 55
S 10	22 21	21 45	0 0	20 43	2 44	15 7	3 22	10 48	4 42	22 41	0 19	20 49	0 24	2 6	0 43	17 34	0 9	9 4	17 10	21 46	21 29	25 52	17 20	3 55
S 11	22 14	24 12	1s 4	20 58	2 31	14 58	3 37	10 44	4 45	22 42	0 19	20 48	0 24	2 6	0 43	17 33	0 9	9 4	17 10	21 46	21 29	25 52	17 21	3 56
M12	22 6	25 33	2 5	21 12	2 17	14 50	3 51	10 40	4 48	22 43	0 19	20 46	0 24	2 6	0 43	17 32	0 9	9 4	17 10	21 46	21 28	25 52	17 21	3 56
T 13	21 57	25 45	3 0	21 26	2 4	14 42	4 5	10 36	4 51	22 44	0 19	20 45	0 24	2 6	0 43	17 32	0 9	9 4	17 11	21 45	21 28	25 52	17 22	3 56
W14	21 49	24 46	3 48	21 40	1 50	14 35	4 19	10 32	4 54	22 45	0 20	20 43	0 24	2 6	0 43	17 31	0 9	9 5	17 11	21 44	21 27	25 52	17 22	3 56
T 15	21 40	22 40	4 26	21 53	1 36	14 28	4 33	10 29	4 58	22 46	0 20	20 42	0 24	2 6	0 43	17 31	0 9	9 5	17 12	21 43	21 27	25 52	17 22	3 57
F 16	21 30	19 33	4 52	22 5	1 22	14 22	4 46	10 26	5 1	22 47	0 20	20 40	0 24	2 6	0 43	17 30	0 9	9 5	17 12	21 42	21 26	25 52	17 23	3 57
S 17	21 20	15 37	5 6	22 16	1 8	14 16	5 0	10 23	5 4	22 48	0 20	20 39	0 24	2 6	0 44	17 30	0 9	9 6	17 12	21 40	21 26	25 52	17 23	3 57
S 18	21 10	10 59	5 6	22 26	0 54	14 11	5 13	10 20	5 7	22 49	0 20	20 37	0 24	2 6	0 44	17 29	0 9	9 6	17 13	21 39	21 25	25 52	17 23	3 58
M19	21 0	5 51	4 51	22 34	0 40	14 6	5 25	10 18	5 10	22 50	0 20	20 35	0 24	2 5	0 44	17 28	0 9	9 6	17 13	21 38	21 25	25 52	17 24	3 58
T 20	20 49	0 23	4 23	22 41	0 27	14 2	5 37	10 16	5 13	22 51	0 20	20 34	0 24	2 5	0 44	17 28	0 9	9 7	17 13	21 38	21 24	25 52	17 24	3 58
W21	20 37	5n14	3 40	22 46	0 14	13 59	5 49	10 14	5 16	22 52	0 21	20 32	0 24	2 5	0 44	17 27	0 9	9 7	17 14	21 38	21 23	25 52	17 24	3 59
T 22	20 26	10 47	2 44	22 49	0 1	13 56	6 0	10 12	5 19	22 53	0 21	20 31	0 25	2 5	0 44	17 27	0 9	9 7	17 14	21 38	21 23	25 51	17 25	3 59
F 23	20 14	15 58	1 38	22 49	0n11	13 54	6 10	10 11	5 22	22 54	0 21	20 29	0 25	2 5	0 44	17 26	0 9	9 8	17 14	21 38	21 22	25 51	17 25	3 59
S 24	20 2	20 27	0 24	22 47	0 23	13 52	6 20	10 10	5 25	22 55	0 21	20 28	0 25	2 4	0 44	17 25	0 9	9 8	17 15	21 38	21 22	25 51	17 25	3 59
S 25	19 49	23 49	0n54	22 43	0 33	13 51	6 29	10 9	5 28	22 56	0 21	20 26	0 25	2 4	0 44	17 25	0 9	9 9	17 15	21 38	21 21	25 51	17 25	4 0
M26	19 36	25 37	2 9	22 36	0 44	13 50	6 38	10 9	5 31	22 57	0 21	20 24	0 25	2 4	0 44	17 24	0 9	9 9	17 15	21 37	21 21	25 51	17 26	4 0
T 27	19 23	25 36	3 17	22 27	0 53	13 50	6 45	10 8	5 34	22 58	0 21	20 23	0 25	2 4	0 44	17 24	0 9	9 9	17 16	21 37	21 20	25 51	17 26	4 0
W28	19 9	23 40	4 11	22 14	1 2	13 50	6 52	10 8	5 37	22 59	0 21	20 21	0 25	2 3	0 44	17 23	0 9	9 10	17 16	21 36	21 20	25 51	17 26	4 1
T 29	18 55	20 3	4 48	21 59	1 10	13 51	6 59	10 9	5 40	23 0	0 22	20 19	0 25	2 3	0 44	17 22	0 9	9 10	17 16	21 34	21 19	25 51	17 26	4 1
F 30	18 41	15 12	5 4	21 42	1 17	13 52	7 4	10 9	5 43	23 1	0 22	20 18	0 25	2 3	0 44	17 22	0 9	9 10	17 17	21 33	21 18	25 51	17 26	4 1
S 31	18n26	9n36	5n 0	21n22	1n24	13n53	7s 8	10s10	5s45	23s 2	0s22	20n16	0n25	2n 2	0s44	17n21	0n 9	9s11	17s17	21n31	21n18	25s50	17n27	4s 2

Julian Day Number = 2303072.5, Delta T = 97.99 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'02, Lahiri = 18°11'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

AUGUST 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 58	8♌26'35	1♎27	2♌59	25°R59	17♓45	14°R42	1♌41	6°R48	12♌ 7	17°R15	6°R51	5♊37	16♉10	6♊23	S 1
M 2	20 41 54	9°24'06	15° 3	5° 3	25♋29	17°48	14♉36	1°49	6♈47	12°10	17♈15	6♊46	5°33	16°16	6°26	M 2
T 3	20 45 51	10°21'37	28°11	7° 7	25° 2	17°50	14°29	1°56	6°46	12°12	17°15	6°44	5°30	16°23	6°29	T 3
W 4	20 49 47	11°19'09	10♏53	9°11	24°36	17°51	14°23	2° 4	6°45	12°14	17°14	6°D43	5°27	16°30	6°32	W 4
T 5	20 53 44	12°16'43	23°15	11°15	24°13	17°R51	14°17	2°12	6°44	12°16	17°14	6°43	5°24	16°36	6°35	T 5
F 6	20 57 41	13°14'17	5♐21	13°17	23°51	17°50	14°11	2°19	6°43	12°19	17°14	6°R44	5°21	16°43	6°37	F 6
S 7	21 1 37	14°11'52	17°17	15°19	23°32	17°49	14° 5	2°27	6°41	12°21	17°13	6°43	5°18	16°50	6°40	S 7
S 8	21 5 34	15° 9'28	29° 7	17°19	23°16	17°47	14° 0	2°35	6°40	12°23	17°13	6°41	5°14	16°56	6°42	S 8
M 9	21 9 30	16° 7'05	10♑55	19°19	23° 1	17°44	13°54	2°42	6°39	12°25	17°12	6°36	5°11	17° 3	6°45	M 9
T 10	21 13 27	17° 4'43	22°45	21°17	22°49	17°40	13°49	2°50	6°38	12°27	17°12	6°29	5° 8	17°10	6°47	T 10
W11	21 17 23	18° 2'23	4♒40	23°14	22°39	17°35	13°44	2°58	6°36	12°30	17°11	6°19	5° 5	17°16	6°50	W11
T 12	21 21 20	19° 0'03	16°41	25°10	22°32	17°30	13°39	3° 5	6°35	12°32	17°11	6° 7	5° 2	17°23	6°52	T 12
F 13	21 25 16	19°57'45	28°51	27° 5	22°27	17°24	13°34	3°13	6°34	12°34	17°10	5°54	4°59	17°30	6°54	F 13
S 14	21 29 13	20°55'29	11♓ 8	28°58	22°25	17°17	13°29	3°20	6°32	12°36	17°10	5°41	4°55	17°36	6°56	S 14
S 15	21 33 10	21°53'13	23°36	0♍49	22°D25	17° 9	13°24	3°28	6°31	12°39	17° 9	5°30	4°52	17°43	6°59	S 15
M16	21 37 6	22°51'00	6♈14	2°40	22°27	17° 1	13°20	3°35	6°29	12°41	17° 9	5°21	4°49	17°50	7° 1	M16
T 17	21 41 3	23°48'48	19° 3	4°28	22°31	16°52	13°16	3°43	6°28	12°43	17° 8	5°14	4°46	17°56	7° 3	T 17
W18	21 44 59	24°46'38	2♉ 6	6°16	22°38	16°42	13°12	3°50	6°26	12°45	17° 7	5°10	4°43	18° 3	7° 5	W18
T 19	21 48 56	25°44'29	15°24	8° 2	22°47	16°31	13° 8	3°58	6°24	12°47	17° 7	5° 8	4°39	18°10	7° 6	T 19
F 20	21 52 52	26°42'23	29° 0	9°47	22°58	16°20	13° 4	4° 5	6°23	12°49	17° 6	5° 8	4°36	18°17	7° 8	F 20
S 21	21 56 49	27°40'18	12♊55	11°31	23°11	16° 8	13° 0	4°12	6°21	12°52	17° 5	5° 8	4°33	18°23	7°10	S 21
S 22	22 0 45	28°38'15	27° 9	13°13	23°26	15°56	12°57	4°20	6°19	12°54	17° 5	5° 7	4°30	18°30	7°12	S 22
M23	22 4 42	29°36'14	11♋42	14°54	23°44	15°43	12°54	4°27	6°17	12°56	17° 4	5° 4	4°27	18°37	7°13	M23
T 24	22 8 39	0♍34'15	26°29	16°33	24° 3	15°29	12°51	4°34	6°16	12°58	17° 3	4°58	4°24	18°43	7°15	T 24
W25	22 12 35	1°32'18	11♌25	18°12	24°24	15°15	12°48	4°41	6°14	13° 0	17° 2	4°49	4°20	18°50	7°16	W25
T 26	22 16 32	2°30'23	26°21	19°49	24°46	15° 1	12°45	4°49	6°12	13° 2	17° 2	4°38	4°17	18°57	7°18	T 26
F 27	22 20 28	3°28'29	11♍ 7	21°25	25°11	14°46	12°43	4°56	6°10	13° 4	17° 1	4°27	4°14	19° 3	7°19	F 27
S 28	22 24 25	4°26'36	25°37	22°59	25°37	14°30	12°40	5° 3	6° 8	13° 7	17° 0	4°16	4°11	19°10	7°20	S 28
S 29	22 28 21	5°24'46	9♎42	24°33	26° 4	14°15	12°38	5°10	6° 6	13° 9	16°59	4° 6	4° 8	19°17	7°21	S 29
M30	22 32 18	6°22'57	23°19	26° 5	26°33	13°59	12°36	5°17	6° 4	13°11	16°59	3°59	4° 5	19°23	7°23	M30
T 31	22 36 14	7♍21'09	6♏30	27♍36	27♋ 4	13♓42	12♉34	5♌24	6♈ 2	13♌13	16♈58	3♊55	4♊ 1	19♉30	7♊24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl	decl	lat
S 1	18n12	3n40	4n37	20n59	1n29	13n55	7s12	10s11	5s48	23s 3	0s22	20n15	0n25	2n 2	0s44	17n21	0n 9	9s11	17s17	21n30	21n17	25s50	17n27	4s 2
M 2	17 56	2s15	4 0	20 34	1 34	13 57	7 15	10 12	5 50	23 3	0 22	20 13	0 26	2 1	0 44	17 20	0 9	9 12	17 18	21 29	21 17	25 50	17 27	4 3
T 3	17 41	7 53	3 11	20 7	1 38	14 0	7 17	10 14	5 53	23 4	0 22	20 11	0 26	2 1	0 44	17 19	0 9	9 12	17 18	21 29	21 16	25 50	17 27	4 3
W 4	17 25	13 1	2 13	19 37	1 41	14 3	7 19	10 16	5 55	23 5	0 22	20 10	0 26	2 1	0 44	17 19	0 9	9 13	17 18	21 29	21 16	25 50	17 27	4 3
T 5	17 9	17 29	1 11	19 6	1 43	14 6	7 20	10 18	5 58	23 6	0 22	20 8	0 26	2 0	0 44	17 18	0 9	9 13	17 19	21 29	21 15	25 50	17 27	4 4
F 6	16 53	21 7	0 7	18 33	1 45	14 9	7 20	10 20	6 0	23 6	0 22	20 6	0 26	2 0	0 44	17 17	0 9	9 13	17 19	21 29	21 14	25 49	17 27	4 4
S 7	16 36	23 49	0s56	17 58	1 46	14 13	7 19	10 23	6 2	23 7	0 22	20 5	0 26	1 59	0 44	17 17	0 9	9 14	17 19	21 29	21 14	25 49	17 27	4 4
S 8	16 20	25 26	1 56	17 22	1 46	14 17	7 18	10 25	6 4	23 8	0 23	20 3	0 26	1 59	0 44	17 16	0 9	9 14	17 20	21 28	21 13	25 49	17 27	4 5
M 9	16 2	25 53	2 51	16 44	1 46	14 21	7 16	10 28	6 6	23 8	0 23	20 1	0 26	1 58	0 44	17 16	0 9	9 15	17 20	21 28	21 13	25 49	17 28	4 5
T 10	15 45	25 10	3 39	16 5	1 44	14 25	7 14	10 32	6 8	23 9	0 23	20 0	0 26	1 58	0 44	17 15	0 9	9 15	17 20	21 26	21 12	25 49	17 28	4 5
W11	15 27	23 18	4 17	15 25	1 43	14 30	7 11	10 35	6 10	23 10	0 23	19 58	0 26	1 57	0 44	17 14	0 9	9 16	17 21	21 25	21 12	25 48	17 28	4 6
T 12	15 10	20 23	4 44	14 44	1 41	14 34	7 8	10 39	6 12	23 10	0 23	19 56	0 26	1 57	0 44	17 14	0 9	9 16	17 21	21 23	21 11	25 48	17 28	4 6
F 13	14 52	16 34	4 59	14 3	1 38	14 38	7 4	10 43	6 13	23 11	0 23	19 55	0 27	1 56	0 44	17 13	0 9	9 17	17 21	21 20	21 11	25 48	17 28	4 7
S 14	14 33	12 1	4 59	13 20	1 35	14 43	7 0	10 47	6 15	23 12	0 23	19 53	0 27	1 55	0 44	17 13	0 9	9 17	17 22	21 18	21 10	25 48	17 28	4 7
S 15	14 15	6 55	4 46	12 37	1 31	14 48	6 55	10 51	6 16	23 12	0 23	19 51	0 27	1 55	0 44	17 12	0 9	9 18	17 22	21 16	21 9	25 47	17 28	4 7
M16	13 56	1 29	4 19	11 54	1 27	14 52	6 50	10 55	6 17	23 13	0 23	19 50	0 27	1 54	0 44	17 11	0 9	9 18	17 22	21 14	21 9	25 47	17 27	4 8
T 17	13 37	4n 7	3 38	11 10	1 22	14 57	6 45	11 0	6 18	23 13	0 23	19 48	0 27	1 53	0 44	17 11	0 9	9 19	17 23	21 13	21 8	25 47	17 27	4 8
W18	13 18	9 39	2 45	10 26	1 17	15 1	6 40	11 4	6 19	23 14	0 23	19 47	0 27	1 53	0 44	17 10	0 9	9 19	17 23	21 13	21 8	25 47	17 27	4 8
T 19	12 58	14 52	1 42	9 41	1 12	15 5	6 34	11 9	6 20	23 14	0 24	19 45	0 27	1 52	0 44	17 10	0 9	9 20	17 23	21 12	21 7	25 46	17 27	4 9
F 20	12 38	19 27	0 32	8 57	1 6	15 10	6 28	11 14	6 20	23 14	0 24	19 43	0 27	1 51	0 44	17 9	0 9	9 20	17 23	21 12	21 6	25 46	17 27	4 9
S 21	12 19	23 5	0n41	8 12	1 0	15 14	6 21	11 19	6 21	23 15	0 24	19 42	0 27	1 51	0 44	17 8	0 9	9 21	17 24	21 12	21 6	25 46	17 27	4 10
S 22	11 58	25 21	1 54	7 27	0 54	15 18	6 15	11 24	6 21	23 15	0 24	19 40	0 27	1 50	0 44	17 8	0 9	9 21	17 24	21 12	21 5	25 45	17 27	4 10
M23	11 38	25 58	3 0	6 42	0 48	15 21	6 8	11 29	6 21	23 16	0 24	19 38	0 28	1 49	0 44	17 7	0 9	9 22	17 24	21 11	21 5	25 45	17 27	4 10
T 24	11 18	24 46	3 56	5 57	0 41	15 25	6 1	11 34	6 21	23 16	0 24	19 37	0 28	1 49	0 45	17 7	0 9	9 22	17 24	21 10	21 4	25 45	17 27	4 11
W25	10 57	21 49	4 36	5 12	0 34	15 28	5 54	11 40	6 20	23 16	0 24	19 35	0 28	1 48	0 45	17 6	0 9	9 23	17 25	21 9	21 4	25 44	17 27	4 11
T 26	10 36	17 25	4 57	4 28	0 27	15 31	5 47	11 45	6 20	23 17	0 24	19 33	0 28	1 47	0 45	17 5	0 9	9 23	17 25	21 7	21 3	25 44	17 26	4 12
F 27	10 15	12 0	4 58	3 43	0 20	15 34	5 40	11 50	6 19	23 17	0 24	19 32	0 28	1 46	0 45	17 5	0 9	9 24	17 25	21 5	21 2	25 44	17 26	4 12
S 28	9 54	6 2	4 40	2 59	0 13	15 37	5 33	11 55	6 18	23 17	0 24	19 30	0 28	1 46	0 45	17 4	0 9	9 24	17 25	21 3	21 2	25 43	17 26	4 12
S 29	9 33	0s 6	4 5	2 15	0 5	15 39	5 25	12 1	6 17	23 18	0 24	19 29	0 28	1 45	0 45	17 4	0 9	9 25	17 26	21 1	21 1	25 43	17 26	4 13
M30	9 11	6 2	3 17	1 31	0s 3	15 41	5 18	12 6	6 16	23 18	0 24	19 27	0 28	1 44	0 45	17 3	0 9	9 25	17 26	21 0	21 1	25 43	17 26	4 13
T 31	8n50	11s31	2n19	0n48	0s10	15n43	5s10	12s11	6s15	23s18	0s24	19n25	0n28	1n43	0s45	17n 2	0n 9	9s26	17s26	20n59	21n 0	25s42	17n25	4s14

Julian Day Number = 2303103.5, Delta T = 97.86 sec
Ecliptic obliquity = 23°29'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'06, Lahiri = 18°11'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

SEPTEMBER 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 11	8♍19'23	19♏15	29♍ 5	27♋36	13°R26	12°R33	5♌31	6°R 0	13♌15	16°R57	3°R53	3♊58	19♂37	7♊25	W 1
T 2	22 44 7	9°17'39	1♐38	0♎34	28° 9	13♓10	12♂32	5°38	5♈58	13°17	16♈56	3♊52	3°55	19°43	7°26	T 2
F 3	22 48 4	10°15'56	13°45	2° 1	28°44	12°53	12°30	5°45	5°56	13°19	16°55	3°52	3°52	19°50	7°26	F 3
S 4	22 52 1	11°14'14	25°41	3°27	29°20	12°36	12°29	5°52	5°54	13°21	16°54	3°52	3°49	19°57	7°27	S 4
S 5	22 55 57	12°12'35	7♂31	4°51	29°57	12°20	12°29	5°58	5°52	13°23	16°53	3°49	3°45	20° 3	7°28	S 5
M 6	22 59 54	13°10'57	19°21	6°15	0♌36	12° 3	12°28	6° 5	5°49	13°25	16°52	3°45	3°42	20°10	7°28	M 6
T 7	23 3 50	14° 9'20	1♒14	7°37	1°16	11°47	12°28	6°12	5°47	13°27	16°51	3°37	3°39	20°17	7°29	T 7
W 8	23 7 47	15° 7'45	13°14	8°57	1°56	11°30	12°27	6°19	5°45	13°29	16°51	3°27	3°36	20°24	7°30	W 8
T 9	23 11 43	16° 6'12	25°23	10°16	2°38	11°14	12°D27	6°25	5°43	13°31	16°50	3°15	3°33	20°30	7°30	T 9
F 10	23 15 40	17° 4'41	7♓44	11°34	3°21	10°58	12°28	6°32	5°41	13°33	16°49	3° 2	3°30	20°37	7°30	F 10
S 11	23 19 36	18° 3'11	20°17	12°50	4° 5	10°43	12°28	6°38	5°38	13°35	16°48	2°50	3°26	20°44	7°31	S 11
S 12	23 23 33	19° 1'44	3♈ 2	14° 5	4°50	10°28	12°29	6°45	5°36	13°37	16°47	2°38	3°23	20°50	7°31	S 12
M13	23 27 30	20° 0'18	15°58	15°18	5°35	10°13	12°29	6°51	5°34	13°39	16°46	2°28	3°20	20°57	7°31	M13
T 14	23 31 26	20°58'55	29° 6	16°29	6°22	9°58	12°30	6°57	5°31	13°40	16°45	2°22	3°17	21° 4	7°R31	T 14
W15	23 35 23	21°57'33	12♉24	17°38	7°10	9°44	12°31	7° 4	5°29	13°42	16°44	2°18	3°14	21°10	7°31	W15
T 16	23 39 19	22°56'14	25°53	18°46	7°58	9°31	12°33	7°10	5°27	13°44	16°43	2°16	3°10	21°17	7°31	T 16
F 17	23 43 16	23°54'58	9♊34	19°51	8°47	9°17	12°34	7°16	5°24	13°46	16°42	2°D16	3° 7	21°24	7°31	F 17
S 18	23 47 12	24°53'43	23°27	20°54	9°37	9° 5	12°36	7°22	5°22	13°48	16°40	2°R16	3° 4	21°30	7°30	S 18
S 19	23 51 9	25°52'31	7♋32	21°55	10°28	8°53	12°38	7°28	5°20	13°49	16°39	2°16	3° 1	21°37	7°30	S 19
M20	23 55 5	26°51'22	21°49	22°53	11°19	8°41	12°40	7°34	5°17	13°51	16°38	2°14	2°58	21°44	7°30	M20
T 21	23 59 2	27°50'14	6♌15	23°49	12°11	8°31	12°42	7°40	5°15	13°53	16°37	2° 9	2°55	21°50	7°29	T 21
W22	0 2 59	28°49'09	20°47	24°41	13° 4	8°21	12°45	7°46	5°12	13°55	16°36	2° 2	2°51	21°57	7°29	W22
T 23	0 6 55	29°48'06	5♍18	25°31	13°58	8°11	12°48	7°52	5°10	13°56	16°35	1°53	2°48	22° 4	7°28	T 23
F 24	0 10 52	0♎47'05	19°43	26°17	14°52	8° 2	12°50	7°57	5° 8	13°58	16°34	1°43	2°45	22°11	7°28	F 24
S 25	0 14 48	1°46'06	3♎55	26°59	15°46	7°54	12°53	8° 3	5° 5	14° 0	16°33	1°33	2°42	22°17	7°27	S 25
S 26	0 18 45	2°45'10	17°48	27°37	16°42	7°47	12°57	8° 9	5° 3	14° 1	16°32	1°25	2°39	22°24	7°26	S 26
M27	0 22 41	3°44'15	1♏18	28°10	17°38	7°41	13° 0	8°14	5° 0	14° 3	16°31	1°19	2°36	22°31	7°25	M27
T 28	0 26 38	4°43'22	14°26	28°39	18°34	7°35	13° 4	8°19	4°58	14° 4	16°30	1°15	2°32	22°37	7°24	T 28
W29	0 30 34	5°42'31	27°10	29° 2	19°31	7°30	13° 7	8°25	4°55	14° 6	16°28	1°D13	2°29	22°44	7°23	W29
T 30	0 34 31	6♎41'42	9♐34	29♎20	20♌28	7♓26	13♂11	8♌30	4♈53	14♌ 7	16♈27	1♊14	2♊26	22♂51	7♊22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n28	16s21	1n17	0n 5	0s18	15n44	5s 3	12s16	6s13	23s18	0s24	19n24	0n29	1n42	0s45	17n 2	0n 9	9s26	17s26	20n58	20n59	25s42	17n25	4s14
T 2	8 6	20 20	0 12	0s38	0 26	15 45	4 55	12 20	6 11	23 18	0 24	19 22	0 29	1 41	0 45	17 1	0 9	9 27	17 27	20 58	20 59	25 42	17 25	4 14
F 3	7 44	23 22	0s52	1 20	0 34	15 46	4 47	12 25	6 9	23 19	0 25	19 21	0 29	1 41	0 45	17 1	0 9	9 27	17 27	20 58	20 58	25 41	17 25	4 15
S 4	7 22	25 18	1 53	2 1	0 43	15 46	4 40	12 30	6 7	23 19	0 25	19 19	0 29	1 40	0 45	17 0	0 9	9 28	17 27	20 58	20 58	25 41	17 24	4 15
S 5	7 0	26 5	2 48	2 43	0 51	15 46	4 32	12 34	6 5	23 19	0 25	19 17	0 29	1 39	0 45	17 0	0 9	9 28	17 27	20 58	20 57	25 40	17 24	4 16
M 6	6 37	25 39	3 36	3 23	0 59	15 46	4 24	12 38	6 3	23 19	0 25	19 16	0 29	1 38	0 45	16 59	0 9	9 29	17 27	20 57	20 56	25 40	17 24	4 16
T 7	6 15	24 4	4 15	4 3	1 7	15 45	4 17	12 42	6 0	23 19	0 25	19 14	0 29	1 37	0 45	16 58	0 9	9 30	17 28	20 55	20 56	25 40	17 23	4 17
W 8	5 52	21 23	4 42	4 43	1 15	15 44	4 9	12 46	5 57	23 19	0 25	19 13	0 29	1 36	0 45	16 58	0 10	9 30	17 28	20 54	20 55	25 39	17 23	4 17
T 9	5 30	17 45	4 58	5 21	1 24	15 42	4 1	12 49	5 54	23 19	0 25	19 11	0 29	1 35	0 45	16 57	0 10	9 31	17 28	20 51	20 55	25 39	17 23	4 17
F 10	5 7	13 19	5 0	5 59	1 32	15 40	3 53	12 52	5 51	23 19	0 25	19 10	0 30	1 35	0 45	16 57	0 10	9 31	17 28	20 49	20 54	25 38	17 22	4 18
S 11	4 44	8 15	4 47	6 37	1 40	15 37	3 46	12 55	5 48	23 19	0 25	19 8	0 30	1 34	0 45	16 56	0 10	9 32	17 28	20 46	20 53	25 38	17 22	4 18
S 12	4 21	2 46	4 20	7 13	1 48	15 34	3 38	12 58	5 44	23 19	0 25	19 7	0 30	1 33	0 45	16 56	0 10	9 32	17 29	20 44	20 53	25 37	17 22	4 19
M13	3 58	2n55	3 39	7 49	1 56	15 31	3 31	13 0	5 41	23 19	0 25	19 5	0 30	1 32	0 45	16 55	0 10	9 33	17 29	20 42	20 52	25 37	17 21	4 19
T 14	3 35	8 35	2 46	8 24	2 4	15 27	3 23	13 2	5 37	23 19	0 25	19 4	0 30	1 31	0 45	16 55	0 10	9 33	17 29	20 41	20 52	25 36	17 21	4 19
W15	3 12	13 57	1 43	8 58	2 11	15 22	3 15	13 4	5 33	23 19	0 25	19 2	0 30	1 30	0 45	16 54	0 10	9 34	17 29	20 40	20 51	25 36	17 20	4 20
T 16	2 49	18 43	0 34	9 30	2 19	15 17	3 8	13 6	5 29	23 19	0 25	19 1	0 30	1 29	0 45	16 54	0 10	9 34	17 29	20 40	20 50	25 36	17 20	4 20
F 17	2 25	22 34	0n39	10 2	2 26	15 12	3 0	13 7	5 25	23 19	0 25	18 59	0 30	1 28	0 45	16 53	0 10	9 35	17 29	20 40	20 50	25 35	17 19	4 21
S 18	2 2	25 10	1 50	10 33	2 34	15 6	2 53	13 8	5 21	23 19	0 25	18 58	0 31	1 27	0 45	16 53	0 10	9 35	17 30	20 40	20 49	25 35	17 19	4 21
S 19	1 39	26 12	2 56	11 2	2 41	15 0	2 46	13 9	5 17	23 19	0 25	18 56	0 31	1 26	0 45	16 52	0 10	9 36	17 30	20 40	20 49	25 34	17 19	4 22
M20	1 15	25 32	3 52	11 30	2 47	14 53	2 38	13 9	5 12	23 19	0 25	18 55	0 31	1 25	0 45	16 52	0 10	9 36	17 30	20 39	20 48	25 34	17 18	4 22
T 21	0 52	23 10	4 33	11 57	2 54	14 46	2 31	13 9	5 8	23 18	0 25	18 54	0 31	1 24	0 45	16 51	0 10	9 37	17 30	20 38	20 47	25 33	17 18	4 22
W22	0 28	19 18	4 58	12 22	3 0	14 38	2 24	13 9	5 4	23 18	0 25	18 52	0 31	1 23	0 45	16 51	0 10	9 37	17 30	20 37	20 47	25 32	17 17	4 23
T 23	0 5	14 17	5 3	12 46	3 6	14 30	2 17	13 8	4 59	23 18	0 25	18 51	0 31	1 22	0 45	16 50	0 10	9 38	17 30	20 35	20 46	25 32	17 17	4 23
F 24	0s19	8 30	4 49	13 8	3 11	14 21	2 10	13 7	4 54	23 18	0 26	18 50	0 31	1 21	0 45	16 50	0 10	9 38	17 30	20 33	20 45	25 31	17 16	4 24
S 25	0 42	2 22	4 17	13 28	3 16	14 11	2 3	13 6	4 50	23 17	0 26	18 48	0 31	1 20	0 45	16 49	0 10	9 39	17 30	20 31	20 45	25 31	17 16	4 24
S 26	1 6	3s45	3 30	13 46	3 20	14 2	1 56	13 4	4 45	23 17	0 26	18 47	0 32	1 19	0 45	16 49	0 10	9 39	17 30	20 29	20 44	25 30	17 15	4 24
M27	1 29	9 34	2 33	14 1	3 24	13 51	1 49	13 2	4 40	23 17	0 26	18 46	0 32	1 18	0 45	16 48	0 10	9 40	17 30	20 28	20 44	25 30	17 15	4 25
T 28	1 53	14 47	1 29	14 14	3 27	13 41	1 42	13 0	4 36	23 17	0 26	18 44	0 32	1 18	0 45	16 48	0 10	9 40	17 31	20 27	20 43	25 29	17 14	4 25
W29	2 16	19 13	0 22	14 25	3 29	13 29	1 35	12 57	4 31	23 16	0 26	18 43	0 32	1 17	0 45	16 48	0 10	9 41	17 31	20 27	20 42	25 29	17 13	4 26
T 30	2s40	22s40	0s45	14s32	3s31	13n18	1s29	12s54	4s26	23s16	0s26	18n42	0n32	1n16	0s45	16n47	0n10	9s41	17s31	20n27	20n42	25s28	17n13	4s26

Julian Day Number = 2303134.5, Delta T = 97.73 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'10, Lahiri = 18°11'10Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

OCTOBER 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 28	7♎40'55	21♐43	29♎31	21♌26	7°R23	13♑16	8♌35	4°R51	14♌ 9	16°R26	1♊15	2♊23	22♑57	7°R21	F 1
S 2	0 42 24	8°40'10	3♑40	29°R36	22°25	7♓20	13°20	8°40	4♈48	14°10	16♈25	1°R16	2°20	23° 4	7♊20	S 2
S 3	0 46 21	9°39'26	15°32	29°33	23°23	7°19	13°24	8°46	4°46	14°12	16°24	1°15	2°16	23°11	7°18	S 3
M 4	0 50 17	10°38'44	27°23	29°23	24°23	7°18	13°29	8°51	4°43	14°13	16°23	1°14	2°13	23°17	7°17	M 4
T 5	0 54 14	11°38'04	9♒18	29° 5	25°23	7°D18	13°34	8°55	4°41	14°15	16°22	1°10	2°10	23°24	7°15	T 5
W 6	0 58 10	12°37'26	21°22	28°39	26°23	7°18	13°39	9° 0	4°39	14°16	16°20	1° 4	2° 7	23°31	7°14	W 6
T 7	1 2 7	13°36'50	3♓37	28° 5	27°23	7°20	13°44	9° 5	4°36	14°17	16°19	0°57	2° 4	23°38	7°12	T 7
F 8	1 6 3	14°36'15	16° 8	27°22	28°24	7°22	13°50	9°10	4°34	14°19	16°18	0°48	2° 1	23°44	7°11	F 8
S 9	1 10 0	15°35'43	28°54	26°31	29°26	7°25	13°55	9°14	4°31	14°20	16°17	0°40	1°57	23°51	7° 9	S 9
S 10	1 13 57	16°35'12	11♈57	25°33	0♍28	7°29	14° 1	9°19	4°29	14°21	16°16	0°32	1°54	23°58	7° 7	S 10
M11	1 17 53	17°34'43	25°14	24°29	1°30	7°34	14° 7	9°23	4°27	14°22	16°15	0°26	1°51	24° 4	7° 5	M11
T 12	1 21 50	18°34'17	8♉46	23°19	2°32	7°39	14°13	9°27	4°24	14°24	16°14	0°22	1°48	24°11	7° 3	T 12
W13	1 25 46	19°33'53	22°28	22° 6	3°35	7°45	14°19	9°32	4°22	14°25	16°12	0°20	1°45	24°18	7° 2	W13
T 14	1 29 43	20°33'31	6♊20	20°52	4°38	7°52	14°25	9°36	4°20	14°26	16°11	0°D20	1°42	24°24	6°59	T 14
F 15	1 33 39	21°33'11	20°18	19°38	5°42	8° 0	14°32	9°40	4°17	14°27	16°10	0°21	1°38	24°31	6°57	F 15
S 16	1 37 36	22°32'53	4♋22	18°27	6°46	8° 8	14°38	9°44	4°15	14°28	16° 9	0°23	1°35	24°38	6°55	S 16
S 17	1 41 32	23°32'38	18°30	17°21	7°50	8°17	14°45	9°48	4°13	14°29	16° 8	0°R24	1°32	24°44	6°53	S 17
M18	1 45 29	24°32'25	2♌40	16°22	8°55	8°27	14°52	9°51	4°11	14°30	16° 7	0°24	1°29	24°51	6°51	M18
T 19	1 49 26	25°32'15	16°50	15°31	9°59	8°37	14°59	9°55	4° 8	14°31	16° 6	0°22	1°26	24°58	6°48	T 19
W20	1 53 22	26°32'07	0♍59	14°51	11° 4	8°48	15° 7	9°59	4° 6	14°32	16° 4	0°19	1°22	25° 5	6°46	W20
T 21	1 57 19	27°32'00	15° 4	14°21	12°10	9° 0	15°14	10° 2	4° 4	14°33	16° 3	0°14	1°19	25°11	6°44	T 21
F 22	2 1 15	28°31'56	29° 0	14° 3	13°15	9°12	15°22	10° 6	4° 2	14°34	16° 2	0° 9	1°16	25°18	6°41	F 22
S 23	2 5 12	29°31'54	12♎45	13°D57	14°21	9°25	15°29	10° 9	4° 0	14°35	16° 1	0° 4	1°13	25°25	6°39	S 23
S 24	2 9 8	0♏31'55	26°15	14° 1	15°28	9°39	15°37	10°12	3°58	14°35	16° 0	29♉59	1°10	25°31	6°36	S 24
M25	2 13 5	1°31'57	9♏29	14°17	16°34	9°53	15°45	10°15	3°56	14°36	15°59	29°57	1° 7	25°38	6°33	M25
T 26	2 17 1	2°32'01	22°24	14°42	17°41	10° 8	15°53	10°18	3°54	14°37	15°58	29°55	1° 3	25°45	6°31	T 26
W27	2 20 58	3°32'06	5♐ 2	15°17	18°48	10°24	16° 2	10°21	3°52	14°38	15°57	29°D55	1° 0	25°51	6°28	W27
T 28	2 24 54	4°32'14	17°24	16° 1	19°55	10°40	16°10	10°24	3°50	14°38	15°56	29°56	0°57	25°58	6°25	T 28
F 29	2 28 51	5°32'23	29°31	16°52	21° 2	10°57	16°19	10°27	3°48	14°39	15°54	29°58	0°54	26° 5	6°22	F 29
S 30	2 32 48	6°32'34	11♑29	17°50	22°10	11°14	16°27	10°29	3°46	14°40	15°53	29°59	0°51	26°12	6°19	S 30
S 31	2 36 44	7♏32'47	23♑21	18♎53	23♍17	11♓32	16♑36	10♌32	3♈44	14♌40	15♈52	0♊ 1	0♊48	26♑18	6♊16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s 3	25 s 2	1 s48	14 s37	3 s31	13n 5	1 s22	12 s51	4 s21	23 s16	0 s26	18n41	0n32	1n15	0 s45	16n47	0n10	9 s42	17 s31	20n27	20n41	25 s27	17n12	4 s26
S 2	3 27	26 12	2 45	14 38	3 31	12 53	1 16	12 48	4 16	23 15	0 26	18 39	0 32	1 14	0 45	16 46	0 10	9 42	17 31	20 28	20 40	25 27	17 12	4 27
S 3	3 50	26 9	3 35	14 36	3 29	12 40	1 9	12 44	4 11	23 15	0 26	18 38	0 33	1 13	0 45	16 46	0 10	9 43	17 31	20 28	20 40	25 26	17 11	4 27
M 4	4 13	24 55	4 16	14 29	3 26	12 26	1 3	12 40	4 7	23 14	0 26	18 37	0 33	1 12	0 45	16 45	0 10	9 43	17 31	20 27	20 39	25 26	17 10	4 28
T 5	4 37	22 33	4 46	14 18	3 21	12 12	0 57	12 35	4 2	23 14	0 26	18 36	0 33	1 11	0 45	16 45	0 10	9 43	17 31	20 26	20 39	25 25	17 10	4 28
W 6	5 0	19 11	5 3	14 3	3 15	11 57	0 51	12 31	3 57	23 13	0 26	18 35	0 33	1 10	0 45	16 45	0 10	9 44	17 31	20 25	20 38	25 24	17 9	4 28
T 7	5 23	14 58	5 7	13 43	3 7	11 42	0 45	12 26	3 52	23 13	0 26	18 34	0 33	1 9	0 45	16 44	0 10	9 44	17 31	20 24	20 37	25 24	17 9	4 29
F 8	5 46	10 2	4 57	13 19	2 57	11 27	0 39	12 20	3 47	23 12	0 26	18 32	0 33	1 8	0 45	16 44	0 10	9 45	17 31	20 22	20 37	25 23	17 8	4 29
S 9	6 9	4 35	4 31	12 50	2 46	11 11	0 33	12 15	3 43	23 12	0 26	18 31	0 33	1 7	0 45	16 44	0 10	9 45	17 31	20 20	20 36	25 22	17 7	4 30
S 10	6 32	1n11	3 52	12 16	2 33	10 55	0 27	12 9	3 38	23 11	0 26	18 30	0 34	1 6	0 45	16 43	0 10	9 46	17 31	20 19	20 35	25 22	17 7	4 30
M11	6 55	7 1	2 58	11 38	2 17	10 38	0 21	12 3	3 33	23 11	0 26	18 29	0 34	1 5	0 45	16 43	0 10	9 46	17 31	20 17	20 35	25 21	17 6	4 30
T 12	7 18	12 39	1 54	10 57	2 1	10 21	0 16	11 56	3 28	23 10	0 26	18 28	0 34	1 4	0 45	16 43	0 10	9 46	17 31	20 16	20 34	25 20	17 5	4 31
W13	7 40	17 45	0 43	10 12	1 42	10 3	0 10	11 50	3 24	23 9	0 26	18 27	0 34	1 3	0 45	16 42	0 10	9 47	17 31	20 16	20 33	25 20	17 5	4 31
T 14	8 3	21 57	0n33	9 26	1 23	9 45	0 5	11 43	3 19	23 9	0 26	18 26	0 34	1 3	0 45	16 42	0 10	9 47	17 31	20 16	20 33	25 19	17 4	4 31
F 15	8 25	24 54	1 46	8 40	1 3	9 27	0n 0	11 36	3 15	23 8	0 26	18 25	0 34	1 2	0 45	16 42	0 10	9 48	17 31	20 16	20 32	25 18	17 3	4 32
S 16	8 48	26 20	2 54	7 54	0 42	9 8	0 6	11 29	3 10	23 7	0 26	18 24	0 34	1 1	0 45	16 41	0 10	9 48	17 31	20 17	20 32	25 18	17 3	4 32
S 17	9 10	26 3	3 52	7 9	0 21	8 49	0 11	11 21	3 6	23 7	0 26	18 24	0 35	1 0	0 45	16 41	0 10	9 48	17 31	20 17	20 31	25 17	17 2	4 32
M18	9 32	24 5	4 36	6 28	0 1	8 29	0 16	11 13	3 1	23 6	0 26	18 23	0 35	0 59	0 45	16 41	0 10	9 49	17 31	20 17	20 30	25 16	17 1	4 33
T 19	9 54	20 38	5 3	5 51	0n18	8 10	0 21	11 5	2 57	23 5	0 26	18 22	0 35	0 58	0 45	16 41	0 10	9 49	17 31	20 16	20 30	25 15	17 0	4 33
W20	10 16	16 0	5 12	5 18	0 37	7 49	0 25	10 57	2 53	23 4	0 26	18 21	0 35	0 57	0 45	16 40	0 10	9 50	17 30	20 16	20 29	25 15	17 0	4 33
T 21	10 37	10 31	5 1	4 51	0 53	7 29	0 30	10 49	2 48	23 4	0 26	18 20	0 35	0 56	0 45	16 40	0 10	9 50	17 30	20 15	20 28	25 14	16 59	4 34
F 22	10 59	4 34	4 33	4 30	1 9	7 8	0 35	10 40	2 44	23 3	0 26	18 19	0 35	0 56	0 44	16 40	0 10	9 50	17 30	20 14	20 28	25 13	16 58	4 34
S 23	11 20	1 s31	3 50	4 15	1 22	6 46	0 39	10 31	2 40	23 2	0 27	18 19	0 36	0 55	0 44	16 40	0 10	9 51	17 30	20 13	20 27	25 13	16 57	4 34
S 24	11 41	7 27	2 54	4 6	1 34	6 25	0 44	10 22	2 36	23 1	0 27	18 18	0 36	0 54	0 44	16 39	0 10	9 51	17 30	20 12	20 26	25 12	16 57	4 35
M25	12 2	12 57	1 50	4 2	1 44	6 3	0 48	10 13	2 32	23 0	0 27	18 17	0 36	0 53	0 44	16 39	0 10	9 51	17 30	20 11	20 26	25 11	16 56	4 35
T 26	12 23	17 45	0 41	4 4	1 53	5 41	0 52	10 4	2 28	22 59	0 27	18 17	0 36	0 52	0 44	16 39	0 10	9 51	17 30	20 11	20 25	25 10	16 55	4 35
W27	12 43	21 39	0 s28	4 12	2 0	5 18	0 56	9 54	2 24	22 58	0 27	18 16	0 36	0 52	0 44	16 39	0 10	9 52	17 30	20 11	20 24	25 9	16 54	4 36
T 28	13 4	24 28	1 35	4 23	2 5	4 55	1 0	9 44	2 20	22 57	0 27	18 15	0 36	0 51	0 44	16 38	0 10	9 52	17 30	20 11	20 24	25 9	16 54	4 36
F 29	13 24	26 5	2 36	4 39	2 9	4 32	1 4	9 34	2 16	22 56	0 27	18 15	0 36	0 50	0 44	16 38	0 10	9 52	17 30	20 11	20 23	25 8	16 53	4 36
S 30	13 44	26 28	3 29	4 59	2 12	4 9	1 7	9 24	2 12	22 55	0 27	18 14	0 37	0 49	0 44	16 38	0 10	9 53	17 29	20 12	20 22	25 7	16 52	4 37
S 31	14 s 4	25 s37	4 s13	5 s22	2n13	3n45	1n11	9 s14	2 s 9	22 s54	0 s27	18n14	0n37	0n49	0 s44	16n38	0n10	9 s53	17 s29	20n12	20n22	25 s 6	16n51	4 s37

Julian Day Number = 2303164.5, Delta T = 97.61 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'14, Lahiri = 18°11'15Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

NOVEMBER 1593 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 41	8♏33'01	5♒12	20♎ 2	24♍25	11♓50	16♉45	10♌34	3°R42	14♌41	15°R51	0°R 2	0♊44	26♉25	6°R13	M 1
T 2	2 44 37	9°33'16	17° 7	21°16	25°33	12° 9	16°54	10°36	3♈40	14°41	15♈50	0♊ 2	0°41	26°32	6♊10	T 2
W 3	2 48 34	10°33'33	29°11	22°33	26°42	12°29	17° 4	10°39	3°38	14°42	15°49	0° 0	0°38	26°38	6° 7	W 3
T 4	2 52 30	11°33'52	11♓27	23°54	27°50	12°49	17°13	10°41	3°37	14°42	15°48	29♉58	0°35	26°45	6° 4	T 4
F 5	2 56 27	12°34'11	24° 1	25°17	28°59	13° 9	17°22	10°43	3°35	14°43	15°47	29°56	0°32	26°52	6° 1	F 5
S 6	3 0 23	13°34'33	6♈54	26°42	0♎ 8	13°30	17°32	10°44	3°33	14°43	15°46	29°54	0°28	26°58	5°58	S 6
S 7	3 4 20	14°34'56	20° 8	28°10	1°17	13°51	17°42	10°46	3°31	14°44	15°45	29°51	0°25	27° 5	5°55	S 7
M 8	3 8 17	15°35'20	3♉43	29°39	2°26	14°13	17°51	10°48	3°30	14°44	15°44	29°49	0°22	27°12	5°51	M 8
T 9	3 12 13	16°35'46	17°37	1♏ 9	3°36	14°35	18° 1	10°49	3°28	14°44	15°43	29°48	0°19	27°19	5°48	T 9
W10	3 16 10	17°36'14	1♊46	2°40	4°45	14°58	18°12	10°51	3°27	14°44	15°42	29°D48	0°16	27°25	5°45	W10
T 11	3 20 6	18°36'44	16° 6	4°12	5°55	15°21	18°22	10°52	3°25	14°45	15°41	29°49	0°13	27°32	5°41	T 11
F 12	3 24 3	19°37'15	0♋32	5°45	7° 5	15°44	18°32	10°53	3°24	14°45	15°40	29°49	0° 9	27°39	5°38	F 12
S 13	3 27 59	20°37'48	15° 0	7°19	8°15	16° 8	18°42	10°54	3°22	14°45	15°39	29°50	0° 6	27°45	5°35	S 13
S 14	3 31 56	21°38'23	29°24	8°52	9°25	16°33	18°53	10°55	3°21	14°45	15°39	29°51	0° 3	27°52	5°31	S 14
M15	3 35 53	22°38'59	13♌40	10°26	10°36	16°57	19° 4	10°56	3°20	14°45	15°38	29°51	29♉59	27°59	5°28	M15
T 16	3 39 49	23°39'38	27°48	12° 1	11°46	17°22	19°14	10°57	3°18	14°45	15°37	29°R51	29°57	28° 5	5°24	T 16
W17	3 43 46	24°40'18	11♍44	13°35	12°57	17°48	19°25	10°57	3°17	14°R45	15°36	29°51	29°53	28°12	5°21	W17
T 18	3 47 42	25°40'59	25°27	15°10	14° 8	18°13	19°36	10°58	3°16	14°45	15°35	29°51	29°50	28°19	5°17	T 18
F 19	3 51 39	26°41'43	8♎58	16°44	15°19	18°39	19°47	10°58	3°15	14°45	15°34	29°50	29°47	28°26	5°14	F 19
S 20	3 55 35	27°42'28	22°16	18°19	16°30	19° 6	19°58	10°59	3°13	14°45	15°33	29°50	29°44	28°32	5°10	S 20
S 21	3 59 32	28°43'14	5♏20	19°53	17°41	19°32	20° 9	10°59	3°12	14°45	15°33	29°50	29°41	28°39	5° 7	S 21
M22	4 3 28	29°44'02	18°11	21°28	18°52	19°59	20°21	10°R59	3°11	14°45	15°32	29°D50	29°38	28°46	5° 3	M22
T 23	4 7 25	0♐44'51	0♐49	23° 3	20° 3	20°27	20°32	10°59	3°10	14°45	15°31	29°R50	29°34	28°52	5° 0	T 23
W24	4 11 22	1°45'42	13°14	24°37	21°15	20°54	20°44	10°59	3° 9	14°45	15°30	29°50	29°31	28°59	4°56	W24
T 25	4 15 18	2°46'34	25°28	26°11	22°27	21°22	20°55	10°58	3° 9	14°44	15°30	29°50	29°28	29° 6	4°52	T 25
F 26	4 19 15	3°47'26	7♑31	27°46	23°38	21°51	21° 7	10°58	3° 8	14°44	15°29	29°49	29°25	29°12	4°49	F 26
S 27	4 23 11	4°48'20	19°28	29°20	24°50	22°19	21°19	10°58	3° 7	14°44	15°28	29°49	29°22	29°19	4°45	S 27
S 28	4 27 8	5°49'15	1♒19	0♐54	26° 2	22°48	21°31	10°57	3° 6	14°43	15°28	29°48	29°19	29°26	4°42	S 28
M29	4 31 4	6°50'11	13°10	2°29	27°14	23°17	21°43	10°56	3° 5	14°43	15°27	29°47	29°15	29°33	4°38	M29
T 30	4 35 1	7♐51'07	25♒ 3	4♐ 3	28♎26	23♓46	21♉55	10♌55	3♈ 5	14♌42	15♈26	29♉46	29♉12	29♉39	4♊34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s23	23s38	4s46	5s48	2n13	3n22	1n14	9s 4	2s 5	22s53	0s27	18n13	0n37	0n48	0s44	16n38	0n10	9s53	17s29	20n12	20n21	25s 5	16n51	4s37
T 2	14 42	20 37	5 7	6 16	2 13	2 58	1 18	8 53	2 1	22 52	0 27	18 13	0 37	0 47	0 44	16 38	0 10	9 53	17 29	20 12	20 20	25 5	16 50	4 37
W 3	15 1	16 42	5 15	6 46	2 11	2 33	1 21	8 42	1 58	22 51	0 27	18 12	0 37	0 46	0 44	16 38	0 10	9 54	17 29	20 12	20 20	25 4	16 49	4 38
T 4	15 20	12 2	5 9	7 18	2 9	2 9	1 24	8 31	1 54	22 50	0 27	18 12	0 37	0 46	0 44	16 37	0 10	9 54	17 29	20 11	20 19	25 3	16 48	4 38
F 5	15 39	6 47	4 48	7 51	2 6	1 44	1 27	8 20	1 51	22 48	0 27	18 12	0 38	0 45	0 44	16 37	0 10	9 54	17 28	20 11	20 18	25 2	16 47	4 38
S 6	15 57	1 7	4 12	8 25	2 2	1 19	1 30	8 9	1 47	22 47	0 27	18 11	0 38	0 44	0 44	16 37	0 10	9 54	17 28	20 10	20 18	25 1	16 47	4 39
S 7	16 15	4n46	3 22	9 0	1 58	0 55	1 33	7 58	1 44	22 46	0 27	18 11	0 38	0 44	0 44	16 37	0 10	9 54	17 28	20 10	20 17	25 0	16 46	4 39
M 8	16 33	10 36	2 19	9 36	1 54	0 29	1 36	7 46	1 41	22 45	0 27	18 11	0 38	0 43	0 44	16 37	0 10	9 55	17 28	20 10	20 16	25 0	16 45	4 39
T 9	16 50	16 3	1 7	10 12	1 49	0 4	1 38	7 35	1 37	22 43	0 27	18 10	0 38	0 43	0 44	16 37	0 10	9 55	17 28	20 9	20 16	24 59	16 44	4 39
W10	17 7	20 44	0n11	10 49	1 43	0s21	1 41	7 23	1 34	22 42	0 27	18 10	0 38	0 42	0 44	16 37	0 11	9 55	17 28	20 9	20 15	24 58	16 44	4 39
T 11	17 24	24 15	1 29	11 25	1 38	0 47	1 43	7 11	1 31	22 41	0 27	18 10	0 39	0 41	0 44	16 37	0 11	9 55	17 27	20 9	20 14	24 57	16 43	4 40
F 12	17 41	26 12	2 42	12 2	1 32	1 12	1 45	6 59	1 28	22 39	0 27	18 10	0 39	0 41	0 44	16 37	0 11	9 55	17 27	20 10	20 14	24 56	16 42	4 40
S 13	17 57	26 23	3 45	12 38	1 26	1 38	1 47	6 47	1 25	22 38	0 27	18 10	0 39	0 40	0 44	16 37	0 11	9 55	17 27	20 10	20 13	24 55	16 41	4 40
S 14	18 13	24 47	4 33	13 14	1 19	2 4	1 49	6 35	1 22	22 37	0 27	18 9	0 39	0 40	0 44	16 37	0 11	9 56	17 27	20 10	20 12	24 54	16 40	4 40
M15	18 29	21 37	5 5	13 50	1 13	2 30	1 51	6 23	1 19	22 35	0 27	18 9	0 39	0 39	0 44	16 37	0 11	9 56	17 26	20 10	20 12	24 53	16 40	4 40
T 16	18 44	17 13	5 17	14 25	1 6	2 56	1 53	6 10	1 16	22 34	0 27	18 9	0 39	0 39	0 44	16 37	0 11	9 56	17 26	20 10	20 11	24 52	16 39	4 41
W17	18 59	11 57	5 10	15 0	0 59	3 22	1 55	5 58	1 13	22 32	0 27	18 9	0 40	0 38	0 44	16 37	0 11	9 56	17 26	20 10	20 10	24 51	16 38	4 41
T 18	19 13	6 11	4 46	15 35	0 53	3 48	1 56	5 45	1 11	22 31	0 27	18 9	0 40	0 38	0 44	16 37	0 11	9 56	17 26	20 10	20 10	24 50	16 37	4 41
F 19	19 28	0 12	4 6	16 9	0 46	4 14	1 58	5 32	1 8	22 29	0 27	18 9	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 9	24 50	16 36	4 41
S 20	19 42	5s41	3 14	16 42	0 39	4 40	1 59	5 19	1 5	22 27	0 27	18 10	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 8	24 49	16 36	4 41
S 21	19 55	11 16	2 12	17 14	0 32	5 6	2 0	5 6	1 2	22 26	0 28	18 10	0 40	0 37	0 44	16 37	0 11	9 56	17 25	20 10	20 8	24 48	16 35	4 42
M22	20 8	16 15	1 4	17 46	0 25	5 32	2 1	4 53	1 0	22 24	0 28	18 10	0 40	0 36	0 44	16 37	0 11	9 56	17 25	20 10	20 7	24 47	16 34	4 42
T 23	20 21	20 27	0s 5	18 17	0 18	5 58	2 2	4 40	0 57	22 22	0 28	18 10	0 41	0 36	0 44	16 37	0 11	9 56	17 24	20 10	20 6	24 46	16 33	4 42
W24	20 34	23 39	1 14	18 47	0 11	6 24	2 3	4 27	0 55	22 21	0 28	18 10	0 41	0 36	0 44	16 37	0 11	9 56	17 24	20 10	20 6	24 45	16 33	4 42
T 25	20 46	25 42	2 17	19 16	0 4	6 50	2 4	4 14	0 52	22 19	0 28	18 10	0 41	0 35	0 43	16 37	0 11	9 56	17 24	20 10	20 5	24 44	16 32	4 42
F 26	20 57	26 31	3 14	19 45	0s 3	7 16	2 5	4 0	0 50	22 17	0 28	18 11	0 41	0 35	0 43	16 37	0 11	9 56	17 24	20 9	20 4	24 43	16 31	4 42
S 27	21 9	26 4	4 2	20 12	0 9	7 42	2 5	3 47	0 47	22 15	0 28	18 11	0 41	0 35	0 43	16 37	0 11	9 56	17 23	20 9	20 4	24 42	16 30	4 42
S 28	21 20	24 26	4 39	20 39	0 16	8 7	2 6	3 33	0 45	22 14	0 28	18 11	0 41	0 34	0 43	16 38	0 11	9 56	17 23	20 9	20 3	24 41	16 30	4 42
M29	21 30	21 45	5 4	21 4	0 23	8 33	2 6	3 20	0 43	22 12	0 28	18 12	0 42	0 34	0 43	16 38	0 11	9 56	17 23	20 9	20 2	24 40	16 29	4 42
T 30	21s40	18s 9	5s16	21s29	0s29	8s58	2n 7	3s 6	0s40	22s10	0s28	18n12	0n42	0n34	0s43	16n38	0n11	9s56	17s22	20n 9	20n 1	24s39	16n28	4s43

Julian Day Number = 2303195.5, Delta T = 97.49 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'18, Lahiri = 18°11'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1593
geocentric

DECEMBER 1593 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 57	8♐52'04	7♓ 4	5♐37	29♎38	24♓16	22♑ 7	10°R54	3°R 4	14°R42	15°R26	29°D46	29♉ 9	29♑46	4°R31	W 1
T 2	4 42 54	9°53'02	19°17	7°11	0♏51	24°46	22°19	10♌53	3♈ 4	14♌42	15♈25	29♉46	29° 6	29°53	4♊27	T 2
F 3	4 46 51	10°54'00	1♈47	8°45	2° 3	25°16	22°31	10°52	3° 3	14°41	15°24	29°47	29° 3	29°59	4°24	F 3
S 4	4 50 47	11°54'59	14°37	10°20	3°15	25°46	22°44	10°51	3° 3	14°40	15°24	29°48	28°59	0♒ 6	4°20	S 4
S 5	4 54 44	12°55'59	27°52	11°54	4°28	26°16	22°56	10°49	3° 2	14°40	15°23	29°49	28°56	0°13	4°17	S 5
M 6	4 58 40	13°56'59	11♉32	13°28	5°40	26°47	23° 8	10°48	3° 2	14°39	15°23	29°50	28°53	0°20	4°13	M 6
T 7	5 2 37	14°58'01	25°37	15° 2	6°53	27°18	23°21	10°46	3° 2	14°39	15°22	29°R51	28°50	0°26	4°10	T 7
W 8	5 6 33	15°59'02	10♊ 5	16°37	8° 6	27°49	23°34	10°45	3° 1	14°38	15°22	29°50	28°47	0°33	4° 6	W 8
T 9	5 10 30	17° 0'05	24°50	18°11	9°19	28°21	23°46	10°43	3° 1	14°37	15°21	29°49	28°44	0°40	4° 3	T 9
F 10	5 14 26	18° 1'08	9♋45	19°46	10°31	28°52	23°59	10°41	3° 1	14°36	15°21	29°47	28°40	0°46	3°59	F 10
S 11	5 18 23	19° 2'13	24°41	21°21	11°44	29°24	24°12	10°39	3° 1	14°36	15°20	29°45	28°37	0°53	3°56	S 11
S 12	5 22 20	20° 3'18	9♌30	22°56	12°57	29°56	24°25	10°37	3°D 1	14°35	15°20	29°42	28°34	1° 0	3°52	S 12
M13	5 26 16	21° 4'23	24° 6	24°31	14°11	0♈28	24°38	10°35	3° 1	14°34	15°20	29°40	28°31	1° 6	3°49	M13
T 14	5 30 13	22° 5'30	8♍24	26° 6	15°24	1° 0	24°51	10°32	3° 1	14°33	15°19	29°38	28°28	1°13	3°45	T 14
W15	5 34 9	23° 6'37	22°21	27°42	16°37	1°32	25° 4	10°30	3° 1	14°32	15°19	29°D38	28°25	1°20	3°42	W15
T 16	5 38 6	24° 7'45	5♎57	29°17	17°50	2° 5	25°17	10°27	3° 1	14°31	15°19	29°38	28°21	1°27	3°39	T 16
F 17	5 42 2	25° 8'54	19°13	0♑53	19° 3	2°38	25°30	10°25	3° 1	14°30	15°18	29°39	28°18	1°33	3°36	F 17
S 18	5 45 59	26°10'04	2♏12	2°29	20°17	3°11	25°44	10°22	3° 2	14°29	15°18	29°41	28°15	1°40	3°32	S 18
S 19	5 49 55	27°11'14	14°55	4° 5	21°30	3°44	25°57	10°19	3° 2	14°28	15°18	29°43	28°12	1°47	3°29	S 19
M20	5 53 52	28°12'25	27°25	5°42	22°44	4°17	26°10	10°16	3° 2	14°27	15°18	29°R43	28° 9	1°53	3°26	M20
T 21	5 57 49	29°13'36	9♐45	7°18	23°57	4°50	26°24	10°13	3° 3	14°26	15°17	29°43	28° 5	2° 0	3°23	T 21
W22	6 1 45	0♑14'47	21°56	8°55	25°11	5°24	26°37	10°10	3° 3	14°25	15°17	29°41	28° 2	2° 7	3°20	W22
T 23	6 5 42	1°15'59	3♑59	10°32	26°25	5°57	26°51	10° 7	3° 4	14°24	15°17	29°37	27°59	2°14	3°17	T 23
F 24	6 9 38	2°17'11	15°57	12° 9	27°38	6°31	27° 4	10° 3	3° 4	14°23	15°17	29°32	27°56	2°20	3°14	F 24
S 25	6 13 35	3°18'24	27°50	13°46	28°52	7° 5	27°18	10° 0	3° 5	14°22	15°17	29°26	27°53	2°27	3°11	S 25
S 26	6 17 31	4°19'36	9♒41	15°23	0♐ 6	7°39	27°31	9°57	3° 6	14°21	15°17	29°19	27°50	2°34	3° 8	S 26
M27	6 21 28	5°20'48	21°32	17° 0	1°19	8°13	27°45	9°53	3° 6	14°20	15°17	29°12	27°46	2°40	3° 5	M27
T 28	6 25 25	6°21'59	3♓25	18°37	2°33	8°47	27°59	9°50	3° 7	14°18	15°16	29° 6	27°43	2°47	3° 2	T 28
W29	6 29 21	7°23'11	15°25	20°14	3°47	9°22	28°13	9°46	3° 8	14°17	15°16	29° 2	27°40	2°54	2°59	W29
T 30	6 33 18	8°24'22	27°34	21°50	5° 1	9°56	28°26	9°42	3° 9	14°16	15°D16	29° 0	27°37	3° 1	2°56	T 30
F 31	6 37 14	9♑25'33	9♈58	23♑26	6♐15	10♈31	28♑40	9♌38	3♈10	14♌14	15♈16	28°D59	27♉34	3♒ 7	2♊54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s50	13s48	5s14	21s52	0s36	9s23	2n 7	2s52	0s38	22s 8	0s28	18n12	0n42	0n34	0s43	16n38	0n11	9s56	17s22	20n 9	20n 1	24s38	16n27	4s43
T 2	21 59	8 50	4 59	22 15	0 42	9 49	2 7	2 38	0 36	22 6	0 28	18 13	0 42	0 34	0 43	16 38	0 11	9 56	17 22	20 9	20 0	24 37	16 27	4 43
F 3	22 8	3 24	4 29	22 36	0 48	10 14	2 7	2 24	0 34	22 4	0 28	18 13	0 42	0 33	0 43	16 38	0 11	9 56	17 22	20 9	19 59	24 36	16 26	4 43
S 4	22 16	2n19	3 45	22 56	0 54	10 38	2 7	2 10	0 32	22 2	0 28	18 14	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 9	19 59	24 35	16 25	4 43
S 5	22 24	8 7	2 48	23 15	1 0	11 3	2 7	1 56	0 30	22 0	0 28	18 14	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 9	19 58	24 33	16 25	4 43
M 6	22 32	13 45	1 40	23 33	1 6	11 27	2 6	1 42	0 28	21 58	0 28	18 15	0 43	0 33	0 43	16 39	0 11	9 56	17 21	20 10	19 57	24 32	16 24	4 43
T 7	22 39	18 50	0 23	23 50	1 11	11 52	2 6	1 28	0 26	21 56	0 28	18 16	0 43	0 33	0 43	16 39	0 11	9 56	17 20	20 10	19 57	24 31	16 23	4 43
W 8	22 45	22 56	0n56	24 5	1 17	12 16	2 5	1 14	0 24	21 54	0 28	18 16	0 43	0 33	0 43	16 39	0 11	9 56	17 20	20 10	19 56	24 30	16 23	4 43
T 9	22 51	25 37	2 14	24 19	1 22	12 39	2 5	0 59	0 22	21 52	0 28	18 17	0 43	0 33	0 43	16 40	0 11	9 56	17 20	20 10	19 55	24 29	16 22	4 43
F 10	22 57	26 30	3 23	24 32	1 27	13 3	2 4	0 45	0 20	21 49	0 28	18 18	0 44	0 33	0 43	16 40	0 11	9 55	17 19	20 9	19 55	24 28	16 21	4 43
S 11	23 2	25 28	4 18	24 44	1 32	13 26	2 3	0 31	0 18	21 47	0 28	18 18	0 44	0 33	0 43	16 40	0 11	9 55	17 19	20 9	19 54	24 27	16 21	4 43
S 12	23 7	22 39	4 56	24 54	1 36	13 49	2 3	0 16	0 16	21 45	0 28	18 19	0 44	0 33	0 43	16 40	0 11	9 55	17 19	20 8	19 53	24 26	16 20	4 43
M13	23 12	18 26	5 13	25 3	1 40	14 12	2 2	0 2	0 14	21 43	0 29	18 20	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 52	24 25	16 19	4 43
T 14	23 15	13 15	5 11	25 11	1 45	14 34	2 1	0n13	0 12	21 41	0 29	18 21	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 52	24 24	16 19	4 43
W15	23 19	7 29	4 51	25 17	1 48	14 56	2 0	0 27	0 11	21 38	0 29	18 22	0 44	0 33	0 43	16 41	0 11	9 55	17 18	20 7	19 51	24 23	16 18	4 43
T 16	23 22	1 31	4 14	25 22	1 52	15 17	1 58	0 42	0 9	21 36	0 29	18 22	0 45	0 33	0 43	16 41	0 11	9 54	17 17	20 7	19 50	24 21	16 18	4 43
F 17	23 24	4s23	3 24	25 25	1 55	15 39	1 57	0 56	0 7	21 33	0 29	18 23	0 45	0 33	0 43	16 42	0 11	9 54	17 17	20 7	19 50	24 20	16 17	4 43
S 18	23 26	9 59	2 25	25 27	1 58	16 0	1 56	1 11	0 5	21 31	0 29	18 24	0 45	0 33	0 43	16 42	0 11	9 54	17 17	20 8	19 49	24 19	16 16	4 43
S 19	23 28	15 4	1 20	25 27	2 1	16 20	1 54	1 26	0 4	21 29	0 29	18 25	0 45	0 34	0 43	16 42	0 11	9 54	17 16	20 8	19 48	24 18	16 16	4 43
M20	23 29	19 25	0 13	25 26	2 3	16 40	1 53	1 40	0 2	21 26	0 29	18 26	0 45	0 34	0 43	16 43	0 11	9 53	17 16	20 8	19 47	24 17	16 15	4 43
T 21	23 29	22 52	0s55	25 23	2 5	17 0	1 51	1 55	0 1	21 24	0 29	18 27	0 45	0 34	0 42	16 43	0 11	9 53	17 15	20 8	19 47	24 16	16 15	4 43
W22	23 30	25 13	1 59	25 18	2 7	17 20	1 50	2 10	0n 1	21 21	0 29	18 28	0 46	0 34	0 42	16 43	0 11	9 53	17 15	20 8	19 46	24 14	16 14	4 43
T 23	23 29	26 22	2 56	25 12	2 8	17 39	1 48	2 24	0 2	21 19	0 29	18 29	0 46	0 34	0 42	16 44	0 11	9 53	17 15	20 7	19 45	24 13	16 14	4 43
F 24	23 28	26 16	3 46	25 5	2 9	17 57	1 46	2 39	0 4	21 16	0 29	18 30	0 46	0 35	0 42	16 44	0 11	9 52	17 14	20 6	19 45	24 12	16 13	4 43
S 25	23 27	24 58	4 25	24 56	2 10	18 15	1 45	2 54	0 5	21 13	0 29	18 31	0 46	0 35	0 42	16 44	0 11	9 52	17 14	20 4	19 44	24 11	16 13	4 43
S 26	23 25	22 33	4 53	24 45	2 10	18 33	1 43	3 9	0 7	21 11	0 29	18 32	0 46	0 35	0 42	16 45	0 11	9 52	17 14	20 3	19 43	24 10	16 12	4 43
M27	23 23	19 12	5 8	24 33	2 9	18 50	1 41	3 24	0 8	21 8	0 29	18 33	0 46	0 36	0 42	16 45	0 11	9 51	17 13	20 1	19 42	24 8	16 12	4 42
T 28	23 20	15 4	5 9	24 19	2 8	19 6	1 39	3 38	0 10	21 6	0 29	18 34	0 46	0 36	0 42	16 45	0 11	9 51	17 13	20 0	19 42	24 7	16 12	4 42
W29	23 17	10 20	4 58	24 3	2 7	19 22	1 37	3 53	0 11	21 3	0 29	18 36	0 47	0 36	0 42	16 46	0 11	9 51	17 13	19 59	19 41	24 6	16 11	4 42
T 30	23 14	5 8	4 33	23 46	2 4	19 38	1 35	4 8	0 12	21 0	0 29	18 37	0 47	0 37	0 42	16 46	0 11	9 50	17 12	19 59	19 40	24 5	16 11	4 42
F 31	23s 9	0n22	3s55	23s27	2s 2	19s53	1n32	4n23	0n14	20s57	0s30	18n38	0n47	0n37	0s42	16n47	0n11	9s50	17s12	19n59	19n40	24s 4	16n10	4s42

Julian Day Number = 2303225.5, Delta T = 97.36 sec
Ecliptic obliquity = 23°29'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'23, Lahiri = 18°11'23Greg. Calendar