Astrodienst Ephemeris Tables

for the year 1586

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 1586
geocentric

JANUARY 1586 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 57	10♑23'39	12♉25	7♑40	6♐53	25♑50	2°R21	12♈33	2♓19	26°R 3	7♈ 5	3°R21	2♏15	7♓54	21°R53	W 1
T 2	6 44 54	11°24'48	25°23	9°17	8° 7	26°37	2♊17	12°35	2°22	26♋ 2	7° 5	3♏19	2°12	8° 1	21°D53	T 2
F 3	6 48 51	12°25'57	8♊47	10°54	9°21	27°24	2°12	12°37	2°24	26° 0	7° 6	3°14	2° 9	8° 8	21♈53	F 3
S 4	6 52 47	13°27'06	22°38	12°32	10°35	28°11	2° 8	12°39	2°27	25°59	7° 6	3° 7	2° 5	8°15	21°53	S 4
S 5	6 56 44	14°28'14	6♋54	14°10	11°49	28°58	2° 3	12°42	2°29	25°57	7° 6	2°57	2° 2	8°21	21°54	S 5
M 6	7 0 40	15°29'22	21°29	15°48	13° 3	29°45	1°59	12°44	2°32	25°55	7° 7	2°46	1°59	8°28	21°54	M 6
T 7	7 4 37	16°30'29	6♌17	17°27	14°17	0♒33	1°55	12°46	2°34	25°54	7° 7	2°34	1°56	8°35	21°54	T 7
W 8	7 8 33	17°31'36	21° 8	19° 7	15°31	1°20	1°52	12°49	2°37	25°52	7° 7	2°24	1°53	8°41	21°55	W 8
T 9	7 12 30	18°32'43	5♍55	20°46	16°45	2° 7	1°48	12°52	2°40	25°50	7° 8	2°16	1°49	8°48	21°55	T 9
F 10	7 16 27	19°33'50	20°30	22°27	17°59	2°54	1°45	12°54	2°42	25°49	7° 8	2°10	1°46	8°55	21°55	F 10
S 11	7 20 23	20°34'56	4♎48	24° 8	19°13	3°42	1°42	12°57	2°45	25°47	7° 9	2° 8	1°43	9° 1	21°56	S 11
S 12	7 24 20	21°36'02	18°49	25°49	20°27	4°29	1°39	13° 0	2°48	25°45	7° 9	2°D 7	1°40	9° 8	21°57	S 12
M13	7 28 16	22°37'08	2♏31	27°31	21°41	5°16	1°36	13° 3	2°51	25°44	7°10	2°R 7	1°37	9°15	21°57	M13
T 14	7 32 13	23°38'13	15°57	29°13	22°56	6° 4	1°33	13° 6	2°54	25°42	7°10	2° 6	1°34	9°22	21°58	T 14
W15	7 36 9	24°39'18	29° 8	0♒56	24°10	6°51	1°31	13° 9	2°56	25°40	7°11	2° 4	1°30	9°28	21°59	W15
T 16	7 40 6	25°40'23	12♐ 6	2°39	25°24	7°38	1°29	13°13	2°59	25°38	7°11	1°59	1°27	9°35	21°59	T 16
F 17	7 44 2	26°41'27	24°53	4°22	26°38	8°26	1°27	13°16	3° 2	25°37	7°12	1°51	1°24	9°42	22° 0	F 17
S 18	7 47 59	27°42'31	7♑30	6° 6	27°53	9°13	1°25	13°20	3° 5	25°35	7°12	1°39	1°21	9°48	22° 1	S 18
S 19	7 51 56	28°43'34	19°57	7°50	29° 7	10° 1	1°24	13°23	3° 8	25°33	7°13	1°26	1°18	9°55	22° 2	S 19
M20	7 55 52	29°44'36	2♒14	9°34	0♑21	10°48	1°22	13°27	3°11	25°32	7°14	1°11	1°15	10° 2	22° 3	M20
T 21	7 59 49	0♒45'37	14°23	11°17	1°35	11°36	1°21	13°31	3°14	25°30	7°14	0°56	1°11	10° 8	22° 5	T 21
W22	8 3 45	1°46'37	26°23	13° 1	2°50	12°23	1°20	13°35	3°17	25°28	7°15	0°43	1° 8	10°15	22° 6	W22
T 23	8 7 42	2°47'36	8♓16	14°45	4° 4	13°10	1°20	13°39	3°20	25°27	7°16	0°31	1° 5	10°22	22° 7	T 23
F 24	8 11 38	3°48'33	20° 5	16°28	5°18	13°58	1°19	13°43	3°23	25°25	7°16	0°23	1° 2	10°28	22° 8	F 24
S 25	8 15 35	4°49'30	1♈53	18°10	6°33	14°45	1°19	13°47	3°27	25°23	7°17	0°17	0°59	10°35	22°10	S 25
S 26	8 19 31	5°50'25	13°44	19°51	7°47	15°33	1°D19	13°51	3°30	25°22	7°18	0°15	0°55	10°42	22°11	S 26
M27	8 23 28	6°51'19	25°42	21°31	9° 1	16°20	1°19	13°56	3°33	25°20	7°19	0°14	0°52	10°49	22°12	M27
T 28	8 27 24	7°52'12	7♉53	23° 9	10°16	17° 8	1°19	14° 0	3°36	25°18	7°20	0°14	0°49	10°55	22°14	T 28
W29	8 31 21	8°53'03	20°22	24°45	11°30	17°55	1°20	14° 5	3°39	25°17	7°20	0°13	0°46	11° 2	22°16	W29
T 30	8 35 18	9°53'53	3♊16	26°18	12°45	18°43	1°20	14° 9	3°42	25°15	7°21	0°11	0°43	11° 9	22°17	T 30
F 31	8 39 14	10♒54'42	16♊36	27♒48	13♑59	19♒30	1♊21	14♈14	3♓46	25♋13	7♈22	0♏ 7	0♏40	11♓15	22♈19	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	23 s 5	14n50	0s48	24s56	1s40	19s59	1n33	22s 6	1s 6	19n58	0s43	2n39	2s32	11s22	0s45	20n37	0s23	12s49	17s 3	12s40	12s17	4s44	8n39	0n 7
T 2	23 0	17 18	1 54	24 54	1 44	20 13	1 31	21 57	1 6	19 58	0 43	2 40	2 31	11 21	0 45	20 37	0 23	12 49	17 2	12 39	12 16	4 42	8 39	0 7
F 3	22 54	18 54	2 56	24 50	1 48	20 27	1 28	21 48	1 6	19 57	0 43	2 41	2 31	11 20	0 45	20 37	0 23	12 48	17 2	12 37	12 15	4 40	8 39	0 7
S 4	22 49	19 27	3 50	24 44	1 51	20 40	1 26	21 39	1 6	19 56	0 42	2 42	2 31	11 19	0 45	20 38	0 23	12 48	17 2	12 35	12 14	4 38	8 39	0 7
S 5	22 42	18 48	4 31	24 38	1 54	20 52	1 24	21 29	1 6	19 56	0 42	2 43	2 31	11 18	0 44	20 38	0 23	12 47	17 1	12 31	12 12	4 36	8 39	0 6
M 6	22 35	16 54	4 56	24 29	1 57	21 4	1 21	21 19	1 6	19 55	0 42	2 44	2 30	11 17	0 44	20 38	0 23	12 47	17 1	12 27	12 11	4 34	8 39	0 6
T 7	22 28	13 53	5 1	24 19	1 59	21 16	1 19	21 9	1 6	19 55	0 42	2 45	2 30	11 16	0 44	20 39	0 23	12 46	17 1	12 23	12 10	4 32	8 39	0 6
W 8	22 20	9 58	4 46	24 7	2 1	21 26	1 16	20 59	1 6	19 54	0 41	2 46	2 30	11 15	0 44	20 39	0 23	12 46	17 0	12 20	12 9	4 30	8 39	0 6
T 9	22 12	5 28	4 11	23 54	2 3	21 37	1 14	20 48	1 6	19 54	0 41	2 48	2 30	11 14	0 44	20 39	0 23	12 45	17 0	12 17	12 8	4 28	8 39	0 6
F 10	22 4	0 41	3 21	23 39	2 4	21 46	1 11	20 37	1 6	19 53	0 41	2 49	2 29	11 13	0 44	20 40	0 23	12 45	17 0	12 15	12 7	4 26	8 39	0 6
S 11	21 55	4s 2	2 19	23 23	2 5	21 55	1 8	20 26	1 6	19 53	0 41	2 50	2 29	11 12	0 44	20 40	0 23	12 44	16 59	12 14	12 6	4 24	8 39	0 6
S 12	21 45	8 28	1 10	23 5	2 5	22 3	1 6	20 15	1 6	19 52	0 40	2 52	2 29	11 11	0 44	20 40	0 23	12 44	16 59	12 14	12 5	4 22	8 39	0 6
M13	21 35	12 20	0n 2	22 45	2 5	22 11	1 3	20 4	1 6	19 52	0 40	2 53	2 29	11 10	0 44	20 40	0 23	12 43	16 58	12 14	12 4	4 20	8 40	0 6
T 14	21 25	15 29	1 13	22 24	2 5	22 18	1 0	19 52	1 6	19 52	0 40	2 55	2 28	11 9	0 44	20 41	0 23	12 43	16 58	12 14	12 2	4 18	8 40	0 6
W15	21 14	17 46	2 18	22 1	2 4	22 24	0 58	19 40	1 6	19 52	0 40	2 56	2 28	11 8	0 44	20 41	0 23	12 42	16 58	12 13	12 1	4 16	8 40	0 6
T 16	21 3	19 5	3 14	21 36	2 3	22 30	0 55	19 28	1 6	19 51	0 39	2 58	2 28	11 7	0 44	20 41	0 23	12 42	16 57	12 11	12 0	4 14	8 40	0 5
F 17	20 52	19 23	4 0	21 10	2 1	22 35	0 52	19 15	1 6	19 51	0 39	2 59	2 27	11 6	0 44	20 42	0 23	12 41	16 57	12 8	11 59	4 12	8 40	0 5
S 18	20 40	18 43	4 34	20 42	1 58	22 39	0 49	19 3	1 6	19 51	0 39	3 1	2 27	11 5	0 44	20 42	0 23	12 41	16 57	12 5	11 58	4 10	8 41	0 5
S 19	20 28	17 10	4 54	20 13	1 55	22 43	0 47	18 50	1 6	19 51	0 39	3 2	2 27	11 4	0 44	20 42	0 23	12 40	16 56	12 0	11 57	4 8	8 41	0 5
M20	20 15	14 50	4 59	19 42	1 52	22 46	0 44	18 37	1 6	19 51	0 39	3 4	2 27	11 3	0 44	20 43	0 23	12 40	16 56	11 55	11 56	4 6	8 41	0 5
T 21	20 2	11 54	4 51	19 9	1 48	22 48	0 41	18 24	1 6	19 51	0 38	3 6	2 26	11 2	0 44	20 43	0 22	12 39	16 56	11 49	11 55	4 4	8 42	0 5
W22	19 48	8 30	4 31	18 35	1 43	22 50	0 38	18 10	1 6	19 51	0 38	3 7	2 26	11 0	0 44	20 43	0 22	12 38	16 55	11 45	11 54	4 2	8 42	0 5
T 23	19 35	4 48	3 58	18 0	1 37	22 51	0 35	17 57	1 6	19 51	0 38	3 9	2 26	10 59	0 44	20 44	0 22	12 38	16 55	11 41	11 53	4 0	8 42	0 5
F 24	19 20	0 57	3 15	17 23	1 31	22 51	0 32	17 43	1 5	19 51	0 38	3 11	2 26	10 58	0 44	20 44	0 22	12 37	16 55	11 38	11 51	3 58	8 43	0 5
S 25	19 6	2n57	2 24	16 45	1 24	22 50	0 29	17 29	1 5	19 52	0 37	3 13	2 26	10 57	0 44	20 44	0 22	12 37	16 54	11 36	11 50	3 56	8 43	0 5
S 26	18 51	6 45	1 26	16 6	1 16	22 49	0 27	17 15	1 5	19 52	0 37	3 15	2 25	10 56	0 44	20 45	0 22	12 36	16 54	11 35	11 49	3 54	8 44	0 5
M27	18 36	10 20	0 24	15 26	1 8	22 47	0 24	17 0	1 5	19 52	0 37	3 17	2 25	10 55	0 44	20 45	0 22	12 36	16 54	11 35	11 48	3 52	8 44	0 5
T 28	18 20	13 32	0s40	14 45	0 59	22 45	0 21	16 46	1 5	19 52	0 37	3 19	2 25	10 54	0 44	20 45	0 22	12 35	16 53	11 35	11 47	3 50	8 45	0 4
W29	18 5	16 12	1 45	14 4	0 49	22 42	0 18	16 31	1 5	19 53	0 36	3 21	2 25	10 52	0 44	20 46	0 22	12 34	16 53	11 34	11 46	3 48	8 45	0 4
T 30	17 48	18 9	2 45	13 22	0 38	22 38	0 15	16 16	1 5	19 53	0 36	3 23	2 24	10 51	0 44	20 46	0 22	12 34	16 53	11 34	11 45	3 46	8 46	0 4
F 31	17s32	19n11	3s39	12s40	0s26	22s33	0n12	16s 1	1s 5	19n53	0s36	3n25	2s24	10s50	0s44	20n46	0s22	12s33	16s53	11s32	11s44	3s44	8n46	0n 4

Julian Day Number = 2300334.5, Delta T = 109.77 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'45, Lahiri = 18°04'46Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

FEBRUARY 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 11	11♒55'28	0♋27	29♒14	15♉13	20♒18	1♊22	14♈19	3♓49	25°R12	7♈23	0°R 0	0♏36	11♓22	22♈21	S 1
S 2	8 47 7	12°56'14	14°48	0♓36	16°28	21° 5	1°24	14°24	3°52	25♋10	7°24	29♎51	0°33	11°29	22°22	S 2
M 3	8 51 4	13°56'58	29°34	1°53	17°42	21°52	1°25	14°28	3°55	25° 9	7°25	29°40	0°30	11°35	22°24	M 3
T 4	8 55 0	14°57'40	14♌38	3° 4	18°57	22°40	1°27	14°33	3°59	25° 7	7°26	29°29	0°27	11°42	22°26	T 4
W 5	8 58 57	15°58'22	29°50	4° 8	20°11	23°27	1°29	14°39	4° 2	25° 5	7°27	29°18	0°24	11°49	22°28	W 5
T 6	9 2 54	16°59'01	15♍ 0	5° 5	21°25	24°15	1°31	14°44	4° 5	25° 4	7°28	29°10	0°21	11°55	22°30	T 6
F 7	9 6 50	17°59'40	29°57	5°55	22°40	25° 2	1°33	14°49	4° 9	25° 2	7°29	29° 4	0°17	12° 2	22°32	F 7
S 8	9 10 47	19° 0'17	14♎35	6°35	23°54	25°50	1°36	14°54	4°12	25° 1	7°30	29° 1	0°14	12° 9	22°34	S 8
S 9	9 14 43	20° 0'53	28°49	7° 6	25° 9	26°37	1°39	15° 0	4°15	24°59	7°31	29°D 1	0°11	12°15	22°36	S 9
M10	9 18 40	21° 1'28	12♏39	7°27	26°23	27°24	1°41	15° 5	4°19	24°58	7°32	29° 1	0° 8	12°22	22°39	M10
T 11	9 22 36	22° 2'02	26° 5	7°39	27°37	28°12	1°45	15°11	4°22	24°56	7°33	29°R 1	0° 5	12°29	22°41	T 11
W12	9 26 33	23° 2'34	9♐11	7°R40	28°52	28°59	1°48	15°16	4°26	24°55	7°34	29° 0	0° 1	12°36	22°43	W12
T 13	9 30 29	24° 3'06	21°59	7°30	0♒ 6	29°47	1°51	15°22	4°29	24°53	7°35	28°56	29♎58	12°42	22°46	T 13
F 14	9 34 26	25° 3'36	4♑32	7°11	1°21	0♓34	1°55	15°28	4°32	24°52	7°36	28°50	29°55	12°49	22°48	F 14
S 15	9 38 22	26° 4'04	16°54	6°41	2°35	1°21	1°59	15°33	4°36	24°51	7°37	28°41	29°52	12°56	22°50	S 15
S 16	9 42 19	27° 4'31	29° 7	6° 3	3°50	2° 9	2° 3	15°39	4°39	24°49	7°38	28°31	29°49	13° 2	22°53	S 16
M17	9 46 16	28° 4'57	11♒12	5°18	5° 4	2°56	2° 7	15°45	4°43	24°48	7°40	28°19	29°46	13° 9	22°55	M17
T 18	9 50 12	29° 5'20	23°11	4°25	6°19	3°43	2°11	15°51	4°46	24°46	7°41	28° 6	29°42	13°16	22°58	T 18
W19	9 54 9	0♓ 5'43	5♓ 4	3°27	7°33	4°31	2°16	15°57	4°50	24°45	7°42	27°55	29°39	13°22	23° 1	W19
T 20	9 58 5	1° 6'03	16°55	2°25	8°48	5°18	2°21	16° 3	4°53	24°44	7°43	27°46	29°36	13°29	23° 3	T 20
F 21	10 2 2	2° 6'21	28°43	1°22	10° 2	6° 5	2°26	16° 9	4°56	24°43	7°44	27°39	29°33	13°36	23° 6	F 21
S 22	10 5 58	3° 6'38	10♈32	0°17	11°17	6°52	2°31	16°16	5° 0	24°41	7°46	27°35	29°30	13°42	23° 9	S 22
S 23	10 9 55	4° 6'53	22°25	29♒14	12°31	7°40	2°36	16°22	5° 3	24°40	7°47	27°D34	29°26	13°49	23°11	S 23
M24	10 13 51	5° 7'05	4♉24	28°13	13°45	8°27	2°41	16°28	5° 7	24°39	7°48	27°34	29°23	13°56	23°14	M24
T 25	10 17 48	6° 7'16	16°35	27°16	15° 0	9°14	2°47	16°35	5°10	24°38	7°49	27°35	29°20	14° 2	23°17	T 25
W26	10 21 45	7° 7'25	29° 2	26°23	16°14	10° 1	2°53	16°41	5°14	24°36	7°51	27°36	29°17	14° 9	23°20	W26
T 27	10 25 41	8° 7'31	11♊51	25°35	17°29	10°48	2°59	16°48	5°17	24°35	7°52	27°R36	29°14	14°16	23°23	T 27
F 28	10 29 38	9♓ 7'36	25♊ 4	24♒54	18♒43	11♓36	3♊ 5	16♈54	5♓21	24♋34	7♈53	27♎35	29♎11	14♓23	23♈26	F 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
S 1	17s15	19n 7	4s23	11s59	0s14	22s28	0n 9	15s46	1s 4	19n54	0s36	3n27	2s24	10s49	0s44	20n47	0s22	12s32	16s52	11s30	11s43	3s42	8n47	0n 4
S 2	16 58	17 51	4 51	11 18	0 1	22 22	0 7	15 31	1 4	19 54	0 35	3 29	2 24	10 48	0 44	20 47	0 22	12 32	16 52	11 27	11 41	3 40	8 47	0 4
M 3	16 41	15 22	5 1	10 37	0n13	22 15	0 4	15 15	1 4	19 55	0 35	3 31	2 23	10 46	0 44	20 47	0 22	12 31	16 52	11 23	11 40	3 38	8 48	0 4
T 4	16 23	11 50	4 51	9 58	0 28	22 8	0 1	15 0	1 4	19 55	0 35	3 33	2 23	10 45	0 44	20 47	0 22	12 31	16 51	11 19	11 39	3 36	8 49	0 4
W 5	16 5	7 29	4 20	9 21	0 43	22 0	0s 2	14 44	1 4	19 56	0 35	3 35	2 23	10 44	0 44	20 48	0 22	12 30	16 51	11 15	11 38	3 34	8 49	0 4
T 6	15 47	2 41	3 31	8 46	0 58	21 51	0 4	14 28	1 4	19 57	0 35	3 37	2 23	10 43	0 44	20 48	0 22	12 29	16 51	11 12	11 37	3 32	8 50	0 4
F 7	15 28	2s14	2 28	8 13	1 14	21 42	0 7	14 12	1 3	19 57	0 34	3 39	2 23	10 41	0 44	20 48	0 22	12 29	16 51	11 10	11 36	3 30	8 51	0 4
S 8	15 9	6 56	1 16	7 43	1 31	21 32	0 10	13 56	1 3	19 58	0 34	3 42	2 22	10 40	0 44	20 49	0 22	12 28	16 50	11 9	11 35	3 28	8 51	0 4
S 9	14 50	11 6	0 1	7 16	1 47	21 22	0 13	13 39	1 3	19 59	0 34	3 44	2 22	10 39	0 44	20 49	0 22	12 27	16 50	11 9	11 34	3 27	8 52	0 3
M10	14 31	14 31	1n12	6 53	2 3	21 10	0 15	13 23	1 3	20 0	0 34	3 46	2 22	10 38	0 44	20 49	0 22	12 27	16 50	11 9	11 33	3 25	8 53	0 3
T 11	14 12	17 4	2 19	6 35	2 18	20 58	0 18	13 6	1 2	20 1	0 33	3 49	2 22	10 37	0 44	20 49	0 22	12 26	16 49	11 9	11 31	3 23	8 54	0 3
W12	13 52	18 38	3 17	6 20	2 34	20 46	0 21	12 49	1 2	20 1	0 33	3 51	2 22	10 35	0 44	20 50	0 22	12 25	16 49	11 8	11 30	3 21	8 54	0 3
T 13	13 32	19 12	4 3	6 11	2 48	20 33	0 23	12 33	1 2	20 2	0 33	3 53	2 21	10 34	0 44	20 50	0 22	12 25	16 49	11 7	11 29	3 19	8 55	0 3
F 14	13 12	18 48	4 37	6 6	3 1	20 19	0 26	12 16	1 2	20 3	0 33	3 56	2 21	10 33	0 44	20 50	0 22	12 24	16 49	11 5	11 28	3 17	8 56	0 3
S 15	12 51	17 30	4 57	6 5	3 13	20 5	0 28	11 58	1 2	20 4	0 32	3 58	2 21	10 32	0 44	20 51	0 22	12 24	16 48	11 2	11 27	3 15	8 57	0 3
S 16	12 31	15 26	5 3	6 10	3 23	19 50	0 31	11 41	1 1	20 5	0 32	4 0	2 21	10 30	0 44	20 51	0 22	12 23	16 48	10 58	11 26	3 13	8 58	0 3
M17	12 10	12 43	4 56	6 18	3 32	19 35	0 33	11 24	1 1	20 6	0 32	4 3	2 21	10 29	0 44	20 51	0 22	12 22	16 48	10 54	11 25	3 11	8 58	0 3
T 18	11 49	9 29	4 35	6 31	3 38	19 19	0 36	11 6	1 1	20 7	0 32	4 5	2 21	10 28	0 44	20 51	0 22	12 22	16 48	10 49	11 24	3 9	8 59	0 3
W19	11 28	5 54	4 3	6 48	3 42	19 2	0 38	10 49	1 0	20 9	0 32	4 8	2 20	10 26	0 44	20 52	0 22	12 21	16 48	10 45	11 22	3 7	9 0	0 3
T 20	11 6	2 7	3 20	7 8	3 45	18 45	0 40	10 31	1 0	20 10	0 31	4 10	2 20	10 25	0 44	20 52	0 22	12 20	16 47	10 42	11 21	3 5	9 1	0 3
F 21	10 45	1n45	2 28	7 31	3 44	18 27	0 43	10 14	1 0	20 11	0 31	4 13	2 20	10 24	0 44	20 52	0 22	12 20	16 47	10 40	11 20	3 3	9 2	0 2
S 22	10 23	5 34	1 30	7 56	3 42	18 9	0 45	9 56	1 0	20 12	0 31	4 15	2 20	10 23	0 44	20 52	0 22	12 19	16 47	10 38	11 19	3 1	9 3	0 2
S 23	10 1	9 10	0 28	8 22	3 38	17 50	0 47	9 38	0 59	20 13	0 31	4 18	2 20	10 21	0 44	20 53	0 22	12 18	16 47	10 38	11 18	2 59	9 4	0 2
M24	9 39	12 26	0s37	8 49	3 31	17 31	0 49	9 20	0 59	20 15	0 31	4 21	2 20	10 20	0 44	20 53	0 22	12 18	16 47	10 38	11 17	2 57	9 5	0 2
T 25	9 17	15 13	1 41	9 16	3 23	17 11	0 51	9 2	0 59	20 16	0 30	4 23	2 19	10 19	0 44	20 53	0 22	12 17	16 46	10 38	11 16	2 55	9 6	0 2
W26	8 55	17 22	2 41	9 43	3 14	16 51	0 53	8 44	0 58	20 17	0 30	4 26	2 19	10 18	0 44	20 53	0 22	12 16	16 46	10 38	11 15	2 53	9 7	0 2
T 27	8 32	18 41	3 36	10 9	3 3	16 30	0 55	8 26	0 58	20 19	0 30	4 28	2 19	10 16	0 44	20 54	0 22	12 16	16 46	10 39	11 13	2 51	9 8	0 2
F 28	8s10	19n 3	4s21	10s34	2n51	16s 9	0s57	8s 7	0s58	20n20	0s30	4n31	2s19	10s15	0s44	20n54	0s22	12s15	16s46	10s38	11s12	2s49	9n 9	0n 2

Julian Day Number = 2300365.5, Delta T = 109.63 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'49, Lahiri = 18°04'50Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

MARCH 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 34	10♓ 7'38	8♋46	24°R19	19♒58	12♓23	3♊11	17♈ 1	5♓24	24°R33	7♈54	27°R31	29♎ 7	14♓29	23♈29	S 1
S 2	10 37 31	11° 7'38	22°58	23♒51	21°12	13°10	3°18	17° 7	5°27	24♋32	7°56	27♎26	29° 4	14°36	23°32	S 2
M 3	10 41 27	12° 7'36	7♌37	23°30	22°26	13°57	3°24	17°14	5°31	24°31	7°57	27°20	29° 1	14°43	23°35	M 3
T 4	10 45 24	13° 7'31	22°38	23°15	23°41	14°44	3°31	17°21	5°34	24°30	7°58	27°13	28°58	14°49	23°38	T 4
W 5	10 49 20	14° 7'25	7♍54	23° 7	24°55	15°31	3°38	17°28	5°38	24°29	8° 0	27° 6	28°55	14°56	23°41	W 5
T 6	10 53 17	15° 7'16	23°12	23°D 5	26° 9	16°18	3°45	17°35	5°41	24°28	8° 1	27° 1	28°52	15° 3	23°44	T 6
F 7	10 57 14	16° 7'06	8♎22	23° 9	27°24	17° 5	3°52	17°41	5°45	24°27	8° 2	26°58	28°48	15° 9	23°48	F 7
S 8	11 1 10	17° 6'54	23°16	23°20	28°38	17°52	3°59	17°48	5°48	24°26	8° 4	26°D56	28°45	15°16	23°51	S 8
S 9	11 5 7	18° 6'40	7♏46	23°36	29°53	18°38	4° 7	17°55	5°51	24°25	8° 5	26°57	28°42	15°23	23°54	S 9
M10	11 9 3	19° 6'24	21°49	23°57	1♓ 7	19°25	4°14	18° 2	5°55	24°25	8° 6	26°58	28°39	15°29	23°57	M10
T 11	11 13 0	20° 6'07	5♐26	24°23	2°21	20°12	4°22	18° 9	5°58	24°24	8° 8	27° 0	28°36	15°36	24° 1	T 11
W12	11 16 56	21° 5'48	18°37	24°53	3°36	20°59	4°30	18°16	6° 1	24°23	8° 9	27°R 0	28°32	15°43	24° 4	W12
T 13	11 20 53	22° 5'27	1♑26	25°29	4°50	21°46	4°38	18°23	6° 5	24°22	8°11	27° 0	28°29	15°49	24° 8	T 13
F 14	11 24 49	23° 5'05	13°56	26° 8	6° 4	22°32	4°46	18°31	6° 8	24°21	8°12	26°58	28°26	15°56	24°11	F 14
S 15	11 28 46	24° 4'40	26°12	26°51	7°19	23°19	4°55	18°38	6°11	24°21	8°13	26°55	28°23	16° 3	24°14	S 15
S 16	11 32 43	25° 4'14	8♒16	27°37	8°33	24° 6	5° 3	18°45	6°15	24°20	8°15	26°50	28°20	16° 9	24°18	S 16
M17	11 36 39	26° 3'46	20°13	28°28	9°47	24°53	5°12	18°52	6°18	24°19	8°16	26°44	28°17	16°16	24°21	M17
T 18	11 40 36	27° 3'16	2♓ 5	29°21	11° 2	25°39	5°20	18°59	6°21	24°19	8°18	26°39	28°13	16°23	24°25	T 18
W19	11 44 32	28° 2'44	13°55	0♓17	12°16	26°26	5°29	19° 7	6°25	24°18	8°19	26°34	28°10	16°29	24°28	W19
T 20	11 48 29	29° 2'10	25°44	1°16	13°30	27°12	5°38	19°14	6°28	24°18	8°21	26°29	28° 7	16°36	24°32	T 20
F 21	11 52 25	0♈ 1'34	7♈35	2°18	14°45	27°59	5°47	19°21	6°31	24°17	8°22	26°27	28° 4	16°43	24°36	F 21
S 22	11 56 22	1° 0'56	19°29	3°23	15°59	28°45	5°56	19°29	6°34	24°17	8°23	26°25	28° 1	16°49	24°39	S 22
S 23	12 0 18	2° 0'16	1♉28	4°29	17°13	29°32	6° 6	19°36	6°38	24°16	8°25	26°D25	27°57	16°56	24°43	S 23
M24	12 4 15	2°59'33	13°36	5°38	18°28	0♈18	6°15	19°44	6°41	24°16	8°26	26°26	27°54	17° 3	24°47	M24
T 25	12 8 11	3°58'49	25°54	6°50	19°42	1° 4	6°25	19°51	6°44	24°16	8°28	26°28	27°51	17°10	24°50	T 25
W26	12 12 8	4°58'02	8♊27	8° 3	20°56	1°51	6°34	19°58	6°47	24°15	8°29	26°29	27°48	17°16	24°54	W26
T 27	12 16 5	5°57'13	21°17	9°19	22°10	2°37	6°44	20° 6	6°50	24°15	8°31	26°30	27°45	17°23	24°58	T 27
F 28	12 20 1	6°56'21	4♋28	10°36	23°25	3°23	6°54	20°13	6°53	24°15	8°32	26°R31	27°42	17°30	25° 1	F 28
S 29	12 23 58	7°55'28	18° 3	11°55	24°39	4° 9	7° 4	20°21	6°56	24°14	8°33	26°31	27°38	17°36	25° 5	S 29
S 30	12 27 54	8°54'32	2♌ 2	13°17	25°53	4°56	7°14	20°29	6°59	24°14	8°35	26°30	27°35	17°43	25° 9	S 30
M31	12 31 51	9♈53'33	16♌26	14♓40	27♓ 7	5♈42	7♊24	20♈36	7♓ 2	24♋14	8♈36	26♎28	27♎32	17♓50	25♈13	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	7s47	18n20	4s52	10s58	2n38	15s48	0s59	7s49	0s57	20n21	0s30	4n34	2s19	10s14	0s44	20n54	0s22	12s14	16s46	10s37	11s11	2s47	9n10	0n 2
S 2	7 24	16 28	5 8	11 19	2 25	15 26	1 1	7 31	0 57	20 23	0 29	4 36	2 19	10 13	0 44	20 54	0 22	12 14	16 45	10 35	11 10	2 45	9 11	0 2
M 3	7 2	13 30	5 4	11 40	2 11	15 3	1 3	7 12	0 57	20 24	0 29	4 39	2 18	10 11	0 44	20 54	0 22	12 13	16 45	10 33	11 9	2 43	9 12	0 2
T 4	6 39	9 36	4 39	11 58	1 57	14 40	1 5	6 54	0 56	20 26	0 29	4 42	2 18	10 10	0 44	20 55	0 22	12 12	16 45	10 30	11 8	2 41	9 13	0 2
W 5	6 16	5 0	3 54	12 14	1 42	14 17	1 6	6 35	0 56	20 27	0 29	4 44	2 18	10 9	0 44	20 55	0 22	12 12	16 45	10 28	11 7	2 39	9 14	0 1
T 6	5 52	0 4	2 53	12 28	1 28	13 53	1 8	6 16	0 56	20 29	0 29	4 47	2 18	10 8	0 44	20 55	0 22	12 11	16 45	10 26	11 6	2 37	9 15	0 1
F 7	5 29	4s51	1 39	12 40	1 14	13 29	1 9	5 58	0 55	20 30	0 28	4 50	2 18	10 6	0 44	20 55	0 22	12 10	16 45	10 25	11 4	2 35	9 16	0 1
S 8	5 6	9 22	0 20	12 50	1 0	13 5	1 11	5 39	0 55	20 32	0 28	4 53	2 18	10 5	0 44	20 55	0 22	12 10	16 45	10 24	11 3	2 33	9 18	0 1
S 9	4 43	13 12	0n59	12 57	0 46	12 40	1 12	5 20	0 55	20 33	0 28	4 55	2 18	10 4	0 44	20 56	0 22	12 9	16 44	10 24	11 2	2 31	9 19	0 1
M10	4 19	16 9	2 11	13 3	0 33	12 15	1 14	5 2	0 54	20 35	0 28	4 58	2 18	10 3	0 44	20 56	0 22	12 8	16 44	10 25	11 1	2 29	9 20	0 1
T 11	3 56	18 4	3 14	13 7	0 20	11 50	1 15	4 43	0 54	20 37	0 28	5 1	2 17	10 1	0 44	20 56	0 22	12 8	16 44	10 25	11 0	2 27	9 21	0 1
W12	3 32	18 56	4 5	13 8	0 7	11 24	1 16	4 24	0 53	20 38	0 27	5 4	2 17	10 0	0 44	20 56	0 22	12 7	16 44	10 26	10 59	2 25	9 22	0 1
T 13	3 9	18 47	4 42	13 8	0s 5	10 58	1 18	4 5	0 53	20 40	0 27	5 7	2 17	9 59	0 44	20 56	0 22	12 7	16 44	10 26	10 58	2 23	9 23	0 1
F 14	2 45	17 43	5 4	13 6	0 16	10 31	1 19	3 46	0 53	20 42	0 27	5 9	2 17	9 58	0 44	20 56	0 22	12 6	16 44	10 25	10 56	2 21	9 25	0 1
S 15	2 21	15 51	5 12	13 1	0 28	10 5	1 20	3 27	0 52	20 43	0 27	5 12	2 17	9 56	0 44	20 56	0 22	12 5	16 44	10 24	10 55	2 19	9 26	0 1
S 16	1 58	13 19	5 6	12 56	0 38	9 38	1 21	3 8	0 52	20 45	0 27	5 15	2 17	9 55	0 44	20 57	0 22	12 5	16 44	10 22	10 54	2 17	9 27	0 1
M17	1 34	10 15	4 46	12 48	0 49	9 11	1 22	2 50	0 51	20 47	0 26	5 18	2 17	9 54	0 44	20 57	0 21	12 4	16 44	10 20	10 53	2 15	9 28	0 1
T 18	1 10	6 47	4 15	12 38	0 59	8 43	1 23	2 31	0 51	20 48	0 26	5 21	2 17	9 53	0 44	20 57	0 21	12 3	16 44	10 18	10 52	2 13	9 29	0 0
W19	0 47	3 4	3 32	12 27	1 8	8 16	1 24	2 12	0 50	20 50	0 26	5 23	2 17	9 52	0 44	20 57	0 21	12 3	16 44	10 16	10 51	2 11	9 31	0 0
T 20	0 23	0n45	2 41	12 14	1 17	7 48	1 24	1 53	0 50	20 52	0 26	5 26	2 17	9 50	0 44	20 57	0 21	12 2	16 43	10 14	10 50	2 9	9 32	0 0
F 21	0n 1	4 34	1 42	12 0	1 25	7 20	1 25	1 34	0 50	20 54	0 26	5 29	2 17	9 49	0 44	20 57	0 21	12 2	16 43	10 13	10 49	2 7	9 33	0 0
S 22	0 24	8 14	0 38	11 44	1 33	6 51	1 26	1 15	0 49	20 55	0 26	5 32	2 16	9 48	0 44	20 57	0 21	12 1	16 43	10 13	10 47	2 5	9 34	0 0
S 23	0 48	11 35	0s28	11 26	1 40	6 23	1 26	0 56	0 49	20 57	0 25	5 35	2 16	9 47	0 44	20 57	0 21	12 0	16 43	10 13	10 46	2 3	9 36	0 0
M24	1 12	14 28	1 33	11 7	1 47	5 54	1 27	0 37	0 48	20 59	0 25	5 38	2 16	9 46	0 44	20 58	0 21	12 0	16 43	10 13	10 45	2 1	9 37	0s 0
T 25	1 35	16 45	2 36	10 47	1 53	5 25	1 27	0 18	0 48	21 1	0 25	5 41	2 16	9 44	0 44	20 58	0 21	11 59	16 43	10 14	10 44	1 59	9 38	0 0
W26	1 59	18 17	3 32	10 25	1 59	4 57	1 28	0n 1	0 47	21 3	0 25	5 43	2 16	9 43	0 44	20 58	0 21	11 59	16 43	10 14	10 43	1 57	9 39	0 0
T 27	2 22	18 54	4 19	10 1	2 5	4 27	1 28	0 20	0 47	21 4	0 25	5 46	2 16	9 42	0 44	20 58	0 21	11 58	16 43	10 15	10 42	1 55	9 41	0 0
F 28	2 46	18 32	4 53	9 36	2 9	3 58	1 28	0 38	0 46	21 6	0 25	5 49	2 16	9 41	0 44	20 58	0 21	11 58	16 43	10 15	10 41	1 53	9 42	0 0
S 29	3 9	17 6	5 13	9 10	2 14	3 29	1 28	0 57	0 46	21 8	0 24	5 52	2 16	9 40	0 44	20 58	0 21	11 57	16 43	10 15	10 39	1 51	9 43	0 0
S 30	3 32	14 38	5 15	8 42	2 18	3 0	1 28	1 16	0 45	21 10	0 24	5 55	2 16	9 39	0 44	20 58	0 21	11 56	16 43	10 15	10 38	1 49	9 45	0 1
M31	3n56	11n13	4s57	8s13	2s21	2s30	1s28	1n35	0s45	21n12	0s24	5n58	2s16	9s38	0s44	20n58	0s21	11s56	16s43	10s14	10s37	1s47	9n46	0s 1

Julian Day Number = 2300393.5, Delta T = 109.51 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'53, Lahiri = 18°04'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

APRIL 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 47	10♈52'32	1♍10	16♓ 4	28♓21	6♈28	7♊35	20♈44	7♓ 5	24°R14	8♈38	26°R26	27♎29	17♓56	25♈16	T 1
W 2	12 39 44	11°51'29	16°10	17°31	29°36	7°14	7°45	20°51	7° 8	24♋14	8°39	26♎24	27°26	18° 3	25°20	W 2
T 3	12 43 40	12°50'23	1♎18	18°59	0♈50	8° 0	7°56	20°59	7°11	24°14	8°41	26°23	27°23	18°10	25°24	T 3
F 4	12 47 37	13°49'16	16°24	20°28	2° 4	8°46	8° 6	21° 6	7°14	24°14	8°42	26°22	27°19	18°16	25°28	F 4
S 5	12 51 34	14°48'06	1♏19	22° 0	3°18	9°32	8°17	21°14	7°17	24°D14	8°44	26°D22	27°16	18°23	25°32	S 5
S 6	12 55 30	15°46'55	15°56	23°33	4°32	10°18	8°28	21°22	7°20	24°14	8°45	26°22	27°13	18°30	25°35	S 6
M 7	12 59 27	16°45'42	0♐ 9	25° 7	5°46	11° 3	8°38	21°29	7°23	24°14	8°46	26°23	27°10	18°36	25°39	M 7
T 8	13 3 23	17°44'27	13°55	26°44	7° 0	11°49	8°49	21°37	7°26	24°14	8°48	26°24	27° 7	18°43	25°43	T 8
W 9	13 7 20	18°43'10	27°15	28°22	8°15	12°35	9° 0	21°44	7°29	24°14	8°49	26°25	27° 3	18°50	25°47	W 9
T 10	13 11 16	19°41'52	10♑10	0♈ 1	9°29	13°21	9°12	21°52	7°31	24°14	8°51	26°25	27° 0	18°56	25°51	T 10
F 11	13 15 13	20°40'32	22°44	1°42	10°43	14° 6	9°23	22° 0	7°34	24°14	8°52	26°R25	26°57	19° 3	25°55	F 11
S 12	13 19 9	21°39'10	5♒ 0	3°25	11°57	14°52	9°34	22° 7	7°37	24°14	8°54	26°25	26°54	19°10	25°58	S 12
S 13	13 23 6	22°37'47	17° 3	5° 9	13°11	15°37	9°46	22°15	7°39	24°15	8°55	26°25	26°51	19°16	26° 2	S 13
M14	13 27 3	23°36'21	28°58	6°55	14°25	16°23	9°57	22°23	7°42	24°15	8°56	26°24	26°48	19°23	26° 6	M14
T 15	13 30 59	24°34'54	10♓47	8°42	15°39	17° 8	10° 9	22°30	7°45	24°15	8°58	26°24	26°44	19°30	26°10	T 15
W16	13 34 56	25°33'26	22°36	10°32	16°53	17°54	10°20	22°38	7°47	24°16	8°59	26°24	26°41	19°36	26°14	W16
T 17	13 38 52	26°31'55	4♈26	12°22	18° 7	18°39	10°32	22°46	7°50	24°16	9° 1	26°D24	26°38	19°43	26°18	T 17
F 18	13 42 49	27°30'23	16°21	14°15	19°21	19°24	10°44	22°53	7°52	24°16	9° 2	26°24	26°35	19°50	26°22	F 18
S 19	13 46 45	28°28'49	28°24	16° 9	20°35	20°10	10°56	23° 1	7°55	24°17	9° 3	26°R24	26°32	19°56	26°26	S 19
S 20	13 50 42	29°27'13	10♉35	18° 5	21°49	20°55	11° 7	23° 8	7°57	24°17	9° 5	26°24	26°29	20° 3	26°30	S 20
M21	13 54 38	0♉25'35	22°57	20° 2	23° 3	21°40	11°19	23°16	8° 0	24°18	9° 6	26°23	26°25	20°10	26°33	M21
T 22	13 58 35	1°23'55	5♊31	22° 1	24°17	22°25	11°31	23°24	8° 2	24°18	9° 7	26°23	26°22	20°16	26°37	T 22
W23	14 2 31	2°22'13	18°18	24° 2	25°31	23°10	11°44	23°31	8° 4	24°19	9° 9	26°22	26°19	20°23	26°41	W23
T 24	14 6 28	3°20'30	1♋21	26° 4	26°45	23°55	11°56	23°39	8° 7	24°20	9°10	26°21	26°16	20°30	26°45	T 24
F 25	14 10 25	4°18'44	14°39	28° 7	27°59	24°40	12° 8	23°46	8° 9	24°20	9°12	26°21	26°13	20°36	26°49	F 25
S 26	14 14 21	5°16'56	28°14	0♉12	29°13	25°25	12°20	23°54	8°11	24°21	9°13	26°20	26° 9	20°43	26°53	S 26
S 27	14 18 18	6°15'07	12♌ 7	2°18	0♉27	26°10	12°33	24° 1	8°14	24°22	9°14	26°D20	26° 6	20°50	26°57	S 27
M28	14 22 14	7°13'15	26°17	4°26	1°41	26°55	12°45	24° 9	8°16	24°22	9°15	26°21	26° 3	20°56	27° 0	M28
T 29	14 26 11	8°11'21	10♍42	6°34	2°55	27°40	12°58	24°17	8°18	24°23	9°17	26°22	26° 0	21° 3	27° 4	T 29
W30	14 30 7	9♉ 9'25	25♍20	8♉43	4♉ 9	28♈24	13♊10	24♈24	8♓20	24♋24	9♈18	26♎22	25♎57	21♓10	27♈ 8	W30

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	4n19	7n 2	4s20	7s43	2s24	2s 0	1s28	1n54	0s44	21n14	0s24	6n 1	2s16	9s37	0s44	20n58	0s21	11s55	16s43	10s13	10s36	1s45	9n47	0s 1
W 2	4 42	2 19	3 25	7 11	2 26	1 31	1 28	2 12	0 44	21 16	0 24	6 4	2 16	9 36	0 44	20 58	0 21	11 55	16 43	10 13	10 35	1 43	9 49	0 1
T 3	5 5	2s34	2 15	6 38	2 28	1 1	1 28	2 31	0 43	21 17	0 24	6 6	2 16	9 34	0 44	20 58	0 21	11 54	16 43	10 12	10 34	1 42	9 50	0 1
F 4	5 28	7 18	0 55	6 4	2 29	0 31	1 28	2 49	0 43	21 19	0 23	6 9	2 16	9 33	0 44	20 58	0 21	11 54	16 43	10 12	10 33	1 40	9 51	0 1
S 5	5 51	11 32	0n27	5 29	2 30	0 2	1 28	3 8	0 42	21 21	0 23	6 12	2 16	9 32	0 44	20 58	0 21	11 53	16 43	10 12	10 31	1 38	9 53	0 1
S 6	6 13	14 57	1 47	4 52	2 30	0n28	1 27	3 27	0 42	21 23	0 23	6 15	2 16	9 31	0 44	20 58	0 21	11 53	16 43	10 12	10 30	1 36	9 54	0 1
M 7	6 36	17 21	2 57	4 14	2 30	0 58	1 27	3 45	0 41	21 25	0 23	6 18	2 16	9 30	0 44	20 58	0 21	11 52	16 43	10 12	10 29	1 34	9 55	0 1
T 8	6 59	18 38	3 54	3 35	2 30	1 28	1 26	4 3	0 41	21 27	0 23	6 21	2 16	9 29	0 44	20 58	0 21	11 52	16 43	10 12	10 28	1 32	9 57	0 1
W 9	7 21	18 50	4 38	2 55	2 28	1 58	1 26	4 22	0 40	21 28	0 23	6 24	2 16	9 28	0 44	20 58	0 21	11 51	16 43	10 13	10 27	1 30	9 58	0 1
T 10	7 43	18 2	5 5	2 14	2 27	2 27	1 25	4 40	0 40	21 30	0 23	6 26	2 16	9 27	0 44	20 58	0 21	11 51	16 44	10 13	10 26	1 28	9 59	0 1
F 11	8 5	16 21	5 17	1 32	2 24	2 57	1 25	4 58	0 39	21 32	0 22	6 29	2 16	9 26	0 44	20 58	0 21	11 50	16 44	10 13	10 25	1 26	10 1	0 1
S 12	8 27	13 58	5 14	0 48	2 22	3 27	1 24	5 16	0 39	21 34	0 22	6 32	2 16	9 25	0 44	20 58	0 21	11 50	16 44	10 13	10 23	1 24	10 2	0 2
S 13	8 49	11 2	4 57	0 4	2 18	3 56	1 23	5 35	0 38	21 36	0 22	6 35	2 16	9 24	0 44	20 58	0 21	11 49	16 44	10 13	10 22	1 22	10 3	0 2
M14	9 11	7 40	4 28	0n41	2 15	4 26	1 22	5 53	0 38	21 38	0 22	6 38	2 16	9 23	0 44	20 58	0 21	11 49	16 44	10 13	10 21	1 20	10 5	0 2
T 15	9 33	4 2	3 47	1 28	2 10	4 55	1 21	6 11	0 37	21 40	0 22	6 41	2 16	9 22	0 45	20 58	0 21	11 48	16 44	10 12	10 20	1 18	10 6	0 2
W16	9 54	0 14	2 57	2 15	2 5	5 25	1 20	6 28	0 36	21 41	0 22	6 44	2 16	9 21	0 45	20 58	0 21	11 48	16 44	10 12	10 19	1 16	10 7	0 2
T 17	10 15	3n35	1 59	3 3	2 0	5 54	1 19	6 46	0 36	21 43	0 22	6 46	2 16	9 20	0 45	20 58	0 21	11 47	16 44	10 12	10 18	1 14	10 9	0 2
F 18	10 36	7 18	0 56	3 52	1 54	6 23	1 18	7 4	0 35	21 45	0 21	6 49	2 16	9 19	0 45	20 58	0 21	11 47	16 44	10 12	10 16	1 12	10 10	0 2
S 19	10 57	10 45	0s11	4 42	1 48	6 52	1 17	7 22	0 35	21 47	0 21	6 52	2 16	9 19	0 45	20 58	0 21	11 46	16 44	10 12	10 15	1 10	10 11	0 2
S 20	11 18	13 48	1 18	5 33	1 41	7 21	1 16	7 39	0 34	21 49	0 21	6 55	2 16	9 18	0 45	20 58	0 21	11 46	16 44	10 12	10 14	1 8	10 13	0 2
M21	11 39	16 15	2 22	6 24	1 34	7 49	1 15	7 57	0 34	21 50	0 21	6 58	2 16	9 17	0 45	20 58	0 21	11 46	16 45	10 12	10 13	1 6	10 14	0 2
T 22	11 59	17 59	3 21	7 16	1 26	8 18	1 13	8 14	0 33	21 52	0 21	7 0	2 16	9 16	0 45	20 58	0 21	11 45	16 45	10 12	10 12	1 4	10 15	0 2
W23	12 19	18 49	4 10	8 8	1 18	8 46	1 12	8 31	0 33	21 54	0 21	7 3	2 16	9 15	0 45	20 58	0 21	11 45	16 45	10 12	10 11	1 2	10 17	0 2
T 24	12 39	18 41	4 48	9 1	1 9	9 14	1 11	8 48	0 32	21 56	0 21	7 6	2 16	9 14	0 45	20 58	0 21	11 44	16 45	10 12	10 10	1 0	10 18	0 2
F 25	12 59	17 32	5 11	9 53	1 0	9 42	1 9	9 5	0 31	21 57	0 20	7 9	2 16	9 13	0 45	20 57	0 21	11 44	16 45	10 11	10 8	0 58	10 19	0 3
S 26	13 19	15 23	5 17	10 46	0 51	10 10	1 8	9 22	0 31	21 59	0 20	7 11	2 16	9 13	0 45	20 57	0 21	11 44	16 45	10 11	10 7	0 56	10 20	0 3
S 27	13 38	12 18	5 5	11 39	0 41	10 37	1 6	9 39	0 30	22 1	0 20	7 14	2 16	9 12	0 45	20 57	0 21	11 43	16 45	10 11	10 6	0 54	10 22	0 3
M28	13 57	8 28	4 35	12 32	0 31	11 4	1 5	9 56	0 30	22 3	0 20	7 17	2 16	9 11	0 45	20 57	0 21	11 43	16 46	10 11	10 5	0 52	10 23	0 3
T 29	14 16	4 4	3 47	13 24	0 21	11 31	1 3	10 13	0 29	22 4	0 20	7 20	2 16	9 10	0 45	20 57	0 21	11 43	16 46	10 12	10 4	0 50	10 24	0 3
W30	14n35	0s39	2s44	14n16	0s11	11n58	1s 1	10n29	0s28	22n 6	0s20	7n22	2s16	9s 9	0s45	20n57	0s20	11s42	16s46	10s12	10s 3	0s48	10n26	0s 3

Julian Day Number = 2300424.5, Delta T = 109.37 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°57'58, Lahiri = 18°04'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

MAY 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 4	10♉ 7'27	10♌ 4	10♉53	5♉23	29♈ 9	13♊23	24♈31	8♓22	24♋25	9♈19	26♌23	25♌54	21♓16	27♈12	T 1
F 2	14 38 0	11° 5'27	24°50	13° 3	6°37	29°54	13°35	24°39	8°24	24°26	9°21	26°R24	25°50	21°23	27°16	F 2
S 3	14 41 57	12° 3'26	9♏31	15°14	7°51	0♉38	13°48	24°46	8°26	24°27	9°22	26°23	25°47	21°30	27°20	S 3
S 4	14 45 54	13° 1'23	23°59	17°24	9° 4	1°23	14° 1	24°54	8°28	24°28	9°23	26°22	25°44	21°36	27°23	S 4
M 5	14 49 50	13°59'19	8♐ 9	19°34	10°18	2° 7	14°14	25° 1	8°30	24°28	9°24	26°20	25°41	21°43	27°27	M 5
T 6	14 53 47	14°57'13	21°57	21°43	11°32	2°52	14°27	25° 8	8°31	24°29	9°26	26°18	25°38	21°50	27°31	T 6
W 7	14 57 43	15°55'06	5♑21	23°51	12°46	3°36	14°39	25°16	8°33	24°30	9°27	26°15	25°34	21°56	27°35	W 7
T 8	15 1 40	16°52'57	18°21	25°58	14° 0	4°20	14°52	25°23	8°35	24°32	9°28	26°13	25°31	22° 3	27°38	T 8
F 9	15 5 36	17°50'47	0♒58	28° 3	15°14	5° 5	15° 5	25°30	8°37	24°33	9°29	26°11	25°28	22°10	27°42	F 9
S 10	15 9 33	18°48'36	13°17	0♊ 7	16°28	5°49	15°18	25°38	8°38	24°34	9°30	26°10	25°25	22°16	27°46	S 10
S 11	15 13 29	19°46'24	25°22	2° 8	17°41	6°33	15°31	25°45	8°40	24°35	9°31	26°D10	25°22	22°23	27°49	S 11
M12	15 17 26	20°44'11	7♓16	4° 8	18°55	7°17	15°45	25°52	8°42	24°36	9°33	26°11	25°19	22°30	27°53	M12
T 13	15 21 23	21°41'56	19° 6	6° 4	20° 9	8° 1	15°58	25°59	8°43	24°37	9°34	26°12	25°15	22°36	27°57	T 13
W14	15 25 19	22°39'40	0♈55	7°59	21°23	8°45	16°11	26° 6	8°45	24°38	9°35	26°14	25°12	22°43	28° 0	W14
T 15	15 29 16	23°37'24	12°49	9°50	22°37	9°29	16°24	26°14	8°46	24°40	9°36	26°16	25° 9	22°50	28° 4	T 15
F 16	15 33 12	24°35'06	24°50	11°39	23°50	10°13	16°37	26°21	8°48	24°41	9°37	26°R16	25° 6	22°56	28° 7	F 16
S 17	15 37 9	25°32'46	7♉ 2	13°25	25° 4	10°57	16°51	26°28	8°49	24°42	9°38	26°16	25° 3	23° 3	28°11	S 17
S 18	15 41 5	26°30'26	19°27	15° 8	26°18	11°40	17° 4	26°35	8°50	24°44	9°39	26°14	25° 0	23°10	28°15	S 18
M19	15 45 2	27°28'04	2♊ 7	16°49	27°32	12°24	17°17	26°42	8°51	24°45	9°40	26°11	24°56	23°16	28°18	M19
T 20	15 48 58	28°25'42	15° 1	18°26	28°46	13° 8	17°31	26°48	8°53	24°46	9°41	26° 6	24°53	23°23	28°22	T 20
W21	15 52 55	29°23'18	28°10	20° 0	29°59	13°51	17°44	26°55	8°54	24°48	9°42	26° 1	24°50	23°30	28°25	W21
T 22	15 56 52	0♊20'52	11♋34	21°30	1♊13	14°35	17°58	27° 2	8°55	24°49	9°43	25°55	24°47	23°36	28°29	T 22
F 23	16 0 48	1°18'26	25° 9	22°58	2°27	15°18	18°11	27° 9	8°56	24°51	9°44	25°51	24°44	23°43	28°32	F 23
S 24	16 4 45	2°15'58	8♌56	24°22	3°41	16° 2	18°24	27°16	8°57	24°52	9°45	25°47	24°40	23°50	28°35	S 24
S 25	16 8 41	3°13'28	22°53	25°43	4°54	16°45	18°38	27°22	8°58	24°54	9°46	25°45	24°37	23°56	28°39	S 25
M26	16 12 38	4°10'57	6♍58	27° 1	6° 8	17°29	18°52	27°29	8°59	24°55	9°47	25°D45	24°34	24° 3	28°42	M26
T 27	16 16 34	5° 8'25	21°10	28°16	7°22	18°12	19° 5	27°36	9° 0	24°57	9°48	25°46	24°31	24°10	28°45	T 27
W28	16 20 31	6° 5'52	5♎28	29°27	8°36	18°55	19°19	27°42	9° 1	24°58	9°49	25°47	24°28	24°16	28°49	W28
T 29	16 24 27	7° 3'17	19°48	0♋35	9°49	19°38	19°32	27°49	9° 2	25° 0	9°50	25°R48	24°25	24°23	28°52	T 29
F 30	16 28 24	8° 0'41	4♏ 8	1°39	11° 3	20°21	19°46	27°55	9° 2	25° 1	9°51	25°48	24°21	24°30	28°55	F 30
S 31	16 32 21	8♊58'04	18♏24	2♋39	12♊17	21♉ 4	19♊59	28♈ 2	9♓ 3	25♋ 3	9♈52	25♌46	24♌18	24♓36	28♈58	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	14n53	5s22	1s29	15n 7	0s 0	12n24	1s 0	10n46	0s28	22n 8	0s20	7n25	2s16	9s 9	0s45	20n57	0s20	11s42	16s46	10s12	10s 1	0s47	10n27	0s 3
F 2	15 11	9 46	0 9	15 57	0n10	12 51	0 58	11 2	0 27	22 9	0 20	7 28	2 16	9 8	0 45	20 57	0 20	11 42	16 46	10 12	10 0	0 45	10 28	0 3
S 3	15 29	13 33	1n12	16 46	0 21	13 16	0 56	11 18	0 27	22 11	0 19	7 30	2 16	9 7	0 45	20 57	0 20	11 41	16 46	10 12	9 59	0 43	10 30	0 3
S 4	15 47	16 26	2 27	17 34	0 32	13 42	0 54	11 34	0 26	22 13	0 19	7 33	2 16	9 7	0 45	20 56	0 20	11 41	16 47	10 12	9 58	0 41	10 31	0 3
M 5	16 4	18 15	3 31	18 20	0 42	14 7	0 52	11 50	0 25	22 14	0 19	7 36	2 16	9 6	0 45	20 56	0 20	11 41	16 47	10 11	9 57	0 39	10 32	0 3
T 6	16 21	18 54	4 21	19 4	0 52	14 32	0 50	12 6	0 25	22 16	0 19	7 38	2 16	9 5	0 45	20 56	0 20	11 40	16 47	10 10	9 56	0 37	10 33	0 3
W 7	16 38	18 28	4 55	19 46	1 2	14 56	0 48	12 22	0 24	22 18	0 19	7 41	2 16	9 5	0 45	20 56	0 20	11 40	16 47	10 9	9 54	0 35	10 35	0 3
T 8	16 55	17 4	5 13	20 26	1 11	15 20	0 46	12 37	0 24	22 19	0 19	7 43	2 16	9 4	0 45	20 56	0 20	11 40	16 47	10 8	9 53	0 33	10 36	0 4
F 9	17 11	14 52	5 14	21 4	1 20	15 44	0 44	12 53	0 23	22 21	0 19	7 46	2 16	9 3	0 45	20 56	0 20	11 40	16 48	10 8	9 52	0 31	10 37	0 4
S 10	17 27	12 3	5 2	21 40	1 29	16 7	0 42	13 8	0 22	22 22	0 19	7 48	2 17	9 3	0 45	20 55	0 20	11 39	16 48	10 7	9 51	0 29	10 39	0 4
S 11	17 43	8 46	4 36	22 13	1 37	16 30	0 40	13 23	0 22	22 24	0 18	7 51	2 17	9 2	0 45	20 55	0 20	11 39	16 48	10 7	9 50	0 27	10 40	0 4
M12	17 59	5 10	3 58	22 43	1 44	16 53	0 38	13 38	0 21	22 25	0 18	7 54	2 17	9 2	0 45	20 55	0 20	11 39	16 48	10 8	9 49	0 25	10 41	0 4
T 13	18 14	1 24	3 11	23 11	1 50	17 15	0 36	13 53	0 20	22 27	0 18	7 56	2 17	9 1	0 45	20 55	0 20	11 39	16 49	10 8	9 48	0 23	10 42	0 4
W14	18 29	2n26	2 15	23 36	1 56	17 36	0 34	14 8	0 20	22 28	0 18	7 59	2 17	9 1	0 45	20 55	0 20	11 38	16 49	10 9	9 46	0 21	10 43	0 4
T 15	18 43	6 12	1 13	23 59	2 2	17 57	0 31	14 23	0 19	22 30	0 18	8 1	2 17	9 0	0 45	20 54	0 20	11 38	16 49	10 9	9 45	0 19	10 45	0 4
F 16	18 57	9 46	0 8	24 19	2 6	18 18	0 29	14 37	0 19	22 31	0 18	8 3	2 17	9 0	0 46	20 54	0 20	11 38	16 49	10 10	9 44	0 17	10 46	0 4
S 17	19 11	12 58	0s59	24 36	2 10	18 38	0 27	14 51	0 18	22 33	0 18	8 6	2 17	8 59	0 46	20 54	0 20	11 38	16 50	10 10	9 43	0 15	10 47	0 4
S 18	19 25	15 39	2 4	24 51	2 13	18 58	0 25	15 6	0 17	22 34	0 18	8 8	2 17	8 59	0 46	20 54	0 20	11 38	16 50	10 9	9 42	0 13	10 48	0 4
M19	19 38	17 38	3 4	25 4	2 15	19 17	0 22	15 20	0 17	22 35	0 18	8 11	2 17	8 58	0 46	20 54	0 20	11 38	16 50	10 8	9 41	0 11	10 49	0 4
T 20	19 51	18 45	3 55	25 15	2 16	19 36	0 20	15 33	0 16	22 37	0 17	8 13	2 17	8 58	0 46	20 53	0 20	11 37	16 50	10 6	9 39	0 9	10 51	0 5
W21	20 4	18 53	4 36	25 23	2 16	19 54	0 18	15 47	0 15	22 38	0 17	8 16	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 4	9 38	0 8	10 52	0 5
T 22	20 16	17 58	5 2	25 29	2 16	20 12	0 15	16 1	0 15	22 40	0 17	8 18	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 2	9 37	0 6	10 53	0 5
F 23	20 28	16 3	5 11	25 33	2 15	20 29	0 13	16 14	0 14	22 41	0 17	8 20	2 18	8 57	0 46	20 53	0 20	11 37	16 51	10 0	9 36	0 4	10 54	0 5
S 24	20 40	13 11	5 3	25 35	2 13	20 45	0 11	16 27	0 14	22 42	0 17	8 23	2 18	8 56	0 46	20 52	0 20	11 37	16 51	9 59	9 35	0 2	10 55	0 5
S 25	20 51	9 33	4 37	25 35	2 10	21 1	0 8	16 40	0 13	22 43	0 17	8 25	2 18	8 56	0 46	20 52	0 20	11 37	16 52	9 58	9 34	0n 0	10 56	0 5
M26	21 2	5 20	3 55	25 34	2 6	21 17	0 6	16 53	0 12	22 45	0 17	8 27	2 18	8 56	0 46	20 52	0 20	11 37	16 52	9 58	9 32	0 2	10 57	0 5
T 27	21 12	0 48	2 57	25 31	2 2	21 32	0 4	17 6	0 12	22 46	0 17	8 29	2 18	8 55	0 46	20 52	0 20	11 37	16 52	9 59	9 31	0 4	10 59	0 5
W28	21 22	3s50	1 48	25 26	1 57	21 46	0 1	17 19	0 11	22 47	0 17	8 32	2 18	8 55	0 46	20 51	0 20	11 37	16 53	9 59	9 30	0 6	11 0	0 5
T 29	21 32	8 16	0 33	25 20	1 51	21 59	0n 1	17 31	0 10	22 48	0 16	8 34	2 19	8 55	0 46	20 51	0 20	11 36	16 53	9 59	9 29	0 8	11 1	0 5
F 30	21 41	12 13	0n45	25 13	1 44	22 12	0 4	17 43	0 10	22 49	0 16	8 36	2 19	8 55	0 46	20 51	0 20	11 36	16 53	9 59	9 28	0 10	11 2	0 5
S 31	21n51	15s26	1n59	25n 4	1n36	22n25	0n 6	17n55	0s 9	22n51	0s16	8n38	2s19	8s54	0s46	20n51	0s20	11s36	16s54	9s59	9s27	0n12	11n 3	0s 5

Julian Day Number = 2300454.5, Delta T = 109.23 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'02, Lahiri = 18°05'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

JUNE 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 17	9♊55'26	2♐31	3♋36	13♊31	21♉47	20♊13	28♈ 8	9♓ 4	25♋ 5	9♈52	25°R42	24♎15	24♓43	29♈ 1	S 1
M 2	16 40 14	10°52'47	16°26	4°29	14°44	22°30	20°27	28°14	9° 4	25° 6	9°53	25♎36	24°12	24°50	29° 5	M 2
T 3	16 44 10	11°50'07	0♑ 3	5°19	15°58	23°13	20°40	28°21	9° 5	25° 8	9°54	25°29	24° 9	24°56	29° 8	T 3
W 4	16 48 7	12°47'27	13°21	6° 4	17°12	23°56	20°54	28°27	9° 5	25°10	9°55	25°21	24° 6	25° 3	29°11	W 4
T 5	16 52 3	13°44'46	26°19	6°46	18°25	24°39	21° 8	28°33	9° 6	25°12	9°55	25°14	24° 2	25°10	29°14	T 5
F 6	16 56 0	14°42'05	8♒56	7°23	19°39	25°22	21°21	28°39	9° 6	25°13	9°56	25° 7	23°59	25°16	29°17	F 6
S 7	16 59 56	15°39'23	21°16	7°57	20°53	26° 4	21°35	28°45	9° 7	25°15	9°57	25° 2	23°56	25°23	29°20	S 7
S 8	17 3 53	16°36'40	3♓21	8°25	22° 6	26°47	21°49	28°51	9° 7	25°17	9°58	24°59	23°53	25°30	29°23	S 8
M 9	17 7 50	17°33'57	15°16	8°50	23°20	27°29	22° 3	28°57	9° 7	25°19	9°58	24°D58	23°50	25°36	29°26	M 9
T 10	17 11 46	18°31'14	27° 6	9°10	24°34	28°12	22°16	29° 3	9° 7	25°21	9°59	24°58	23°46	25°43	29°28	T 10
W11	17 15 43	19°28'30	8♈56	9°26	25°47	28°54	22°30	29° 9	9° 8	25°23	10° 0	24°59	23°43	25°50	29°31	W11
T 12	17 19 39	20°25'46	20°51	9°37	27° 1	29°37	22°44	29°15	9° 8	25°24	10° 0	25°R 0	23°40	25°56	29°34	T 12
F 13	17 23 36	21°23'02	2♉57	9°44	28°15	0♊19	22°58	29°20	9° 8	25°26	10° 1	25° 0	23°37	26° 3	29°37	F 13
S 14	17 27 32	22°20'18	15°17	9°R46	29°29	1° 1	23°11	29°26	9°R 8	25°28	10° 1	24°58	23°34	26°10	29°39	S 14
S 15	17 31 29	23°17'33	27°54	9°43	0♋42	1°44	23°25	29°32	9° 8	25°30	10° 2	24°54	23°31	26°16	29°42	S 15
M16	17 35 25	24°14'48	10♊50	9°37	1°56	2°26	23°39	29°37	9° 8	25°32	10° 2	24°47	23°27	26°23	29°45	M16
T 17	17 39 22	25°12'03	24° 6	9°25	3°10	3° 8	23°52	29°43	9° 8	25°34	10° 3	24°38	23°24	26°30	29°47	T 17
W18	17 43 19	26° 9'17	7♋40	9°10	4°23	3°50	24° 6	29°48	9° 7	25°36	10° 4	24°29	23°21	26°36	29°50	W18
T 19	17 47 15	27° 6'31	21°29	8°50	5°37	4°32	24°20	29°53	9° 7	25°38	10° 4	24°19	23°18	26°43	29°52	T 19
F 20	17 51 12	28° 3'45	5♌29	8°27	6°51	5°14	24°34	29°58	9° 7	25°40	10° 4	24°10	23°15	26°50	29°55	F 20
S 21	17 55 8	29° 0'58	19°36	8° 1	8° 4	5°56	24°47	0♉ 4	9° 7	25°42	10° 5	24° 2	23°12	26°56	29°57	S 21
S 22	17 59 5	29°58'10	3♍47	7°32	9°18	6°38	25° 1	0° 9	9° 6	25°44	10° 5	23°57	23° 8	27° 3	29°59	S 22
M23	18 3 1	0♋55'22	17°59	7° 0	10°32	7°19	25°15	0°14	9° 6	25°46	10° 6	23°55	23° 5	27°10	0♉ 2	M23
T 24	18 6 58	1°52'34	2♎ 8	6°26	11°45	8° 1	25°28	0°19	9° 5	25°48	10° 6	23°D54	23° 2	27°16	0° 4	T 24
W25	18 10 54	2°49'45	16°15	5°51	12°59	8°43	25°42	0°24	9° 5	25°50	10° 6	23°R55	22°59	27°23	0° 6	W25
T 26	18 14 51	3°46'56	0♏17	5°14	14°13	9°24	25°56	0°28	9° 4	25°52	10° 7	23°55	22°56	27°30	0° 8	T 26
F 27	18 18 48	4°44'06	14°15	4°38	15°26	10° 6	26° 9	0°33	9° 4	25°55	10° 7	23°53	22°52	27°36	0°11	F 27
S 28	18 22 44	5°41'16	28° 6	4° 2	16°40	10°47	26°23	0°38	9° 3	25°57	10° 7	23°49	22°49	27°43	0°13	S 28
S 29	18 26 41	6°38'26	11♐48	3°26	17°54	11°29	26°37	0°42	9° 2	25°59	10° 8	23°43	22°46	27°50	0°15	S 29
M30	18 30 37	7♋35'36	25♐20	2♋53	19♋ 7	12♊10	26♊50	0♉47	9♓ 2	26♋ 1	10♈ 8	23♎34	22♎43	27♓56	0♉17	M30

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	21n59	17s41	3n 6	24n54	1n28	22n36	0n 8	18n 7	0s 8	22n52	0s16	8n40	2s19	8s54	0s46	20n50	0s20	11s36	16s54	9s57	9s25	0n14	11n 4	0s 6
M 2	22 7	18 50	3 59	24 43	1 19	22 47	0 11	18 19	0 8	22 53	0 16	8 42	2 19	8 54	0 46	20 50	0 20	11 36	16 54	9 55	9 24	0 16	11 5	0 6
T 3	22 15	18 51	4 38	24 32	1 9	22 58	0 13	18 30	0 7	22 54	0 16	8 44	2 19	8 54	0 46	20 50	0 20	11 36	16 54	9 52	9 23	0 18	11 6	0 6
W 4	22 23	17 49	5 1	24 19	0 58	23 8	0 15	18 42	0 6	22 55	0 16	8 46	2 19	8 54	0 46	20 49	0 20	11 36	16 55	9 50	9 22	0 20	11 7	0 6
T 5	22 30	15 54	5 8	24 5	0 46	23 17	0 18	18 53	0 6	22 56	0 16	8 49	2 20	8 53	0 46	20 49	0 20	11 36	16 55	9 47	9 21	0 22	11 8	0 6
F 6	22 37	13 15	4 59	23 51	0 34	23 25	0 20	19 4	0 5	22 57	0 16	8 51	2 20	8 53	0 46	20 49	0 20	11 36	16 55	9 44	9 20	0 23	11 9	0 6
S 7	22 43	10 4	4 37	23 37	0 22	23 33	0 22	19 15	0 4	22 58	0 15	8 53	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 43	9 18	0 25	11 10	0 6
S 8	22 49	6 32	4 2	23 21	0 8	23 40	0 25	19 25	0 4	22 59	0 15	8 54	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 42	9 17	0 27	11 11	0 6
M 9	22 54	2 47	3 17	23 6	0s 6	23 46	0 27	19 36	0 3	23 0	0 15	8 56	2 20	8 53	0 46	20 48	0 20	11 36	16 56	9 41	9 16	0 29	11 12	0 6
T 10	23 0	1n 3	2 24	22 50	0 21	23 52	0 29	19 46	0 2	23 1	0 15	8 58	2 20	8 53	0 46	20 48	0 20	11 36	16 57	9 41	9 15	0 31	11 13	0 6
W11	23 4	4 51	1 25	22 34	0 36	23 57	0 32	19 56	0 2	23 2	0 15	9 0	2 21	8 53	0 47	20 47	0 20	11 37	16 57	9 42	9 14	0 33	11 14	0 6
T 12	23 9	8 30	0 22	22 17	0 51	24 1	0 34	20 6	0 1	23 2	0 15	9 2	2 21	8 53	0 47	20 47	0 20	11 37	16 57	9 42	9 12	0 35	11 15	0 6
F 13	23 13	11 51	0s43	22 1	1 7	24 5	0 36	20 15	0 0	23 3	0 15	9 4	2 21	8 53	0 47	20 47	0 20	11 37	16 58	9 42	9 11	0 37	11 15	0 7
S 14	23 16	14 45	1 47	21 45	1 23	24 8	0 38	20 25	0n 0	23 4	0 15	9 6	2 21	8 53	0 47	20 46	0 20	11 37	16 58	9 41	9 10	0 39	11 16	0 7
S 15	23 19	17 1	2 47	21 29	1 40	24 10	0 40	20 34	0 1	23 5	0 15	9 8	2 21	8 53	0 47	20 46	0 20	11 37	16 58	9 40	9 9	0 41	11 17	0 7
M16	23 22	18 29	3 40	21 13	1 56	24 11	0 43	20 43	0 2	23 6	0 15	9 9	2 21	8 53	0 47	20 46	0 20	11 37	16 59	9 37	9 8	0 43	11 18	0 7
T 17	23 24	18 59	4 22	20 57	2 13	24 12	0 45	20 52	0 2	23 6	0 15	9 11	2 22	8 53	0 47	20 45	0 20	11 37	16 59	9 34	9 7	0 45	11 19	0 7
W18	23 26	18 26	4 51	20 42	2 29	24 12	0 47	21 1	0 3	23 7	0 14	9 13	2 22	8 53	0 47	20 45	0 20	11 37	16 59	9 30	9 5	0 47	11 20	0 7
T 19	23 28	16 47	5 3	20 27	2 45	24 11	0 49	21 9	0 4	23 8	0 14	9 14	2 22	8 53	0 47	20 44	0 20	11 37	17 0	9 27	9 4	0 49	11 20	0 7
F 20	23 29	14 7	4 58	20 13	3 1	24 10	0 51	21 17	0 4	23 8	0 14	9 16	2 22	8 54	0 47	20 44	0 19	11 38	17 0	9 23	9 3	0 50	11 21	0 7
S 21	23 29	10 37	4 34	19 59	3 16	24 7	0 53	21 25	0 5	23 9	0 14	9 18	2 22	8 54	0 47	20 44	0 19	11 38	17 1	9 21	9 2	0 52	11 22	0 7
S 22	23 29	6 30	3 54	19 47	3 30	24 4	0 55	21 33	0 6	23 10	0 14	9 19	2 23	8 54	0 47	20 43	0 19	11 38	17 1	9 19	9 1	0 54	11 23	0 7
M23	23 29	2 1	2 59	19 35	3 43	24 1	0 57	21 41	0 6	23 10	0 14	9 21	2 23	8 54	0 47	20 43	0 19	11 38	17 1	9 18	9 0	0 56	11 23	0 7
T 24	23 29	2s35	1 53	19 24	3 56	23 56	0 59	21 48	0 7	23 11	0 14	9 22	2 23	8 54	0 47	20 43	0 19	11 38	17 2	9 18	8 58	0 58	11 24	0 7
W25	23 28	7 2	0 41	19 15	4 7	23 51	1 0	21 56	0 8	23 11	0 14	9 24	2 23	8 55	0 47	20 42	0 19	11 38	17 2	9 18	8 57	1 0	11 25	0 8
T 26	23 26	11 4	0n34	19 6	4 17	23 46	1 2	22 3	0 8	23 12	0 14	9 25	2 23	8 55	0 47	20 42	0 19	11 39	17 2	9 18	8 56	1 2	11 26	0 8
F 27	23 24	14 28	1 46	18 59	4 26	23 39	1 4	22 10	0 9	23 13	0 14	9 27	2 24	8 55	0 47	20 42	0 19	11 39	17 3	9 17	8 55	1 4	11 26	0 8
S 28	23 22	17 0	2 51	18 53	4 33	23 32	1 6	22 16	0 10	23 13	0 13	9 28	2 24	8 55	0 47	20 41	0 19	11 39	17 3	9 16	8 54	1 6	11 27	0 8
S 29	23 19	18 32	3 45	18 48	4 39	23 24	1 7	22 23	0 10	23 13	0 13	9 30	2 24	8 56	0 47	20 41	0 19	11 39	17 3	9 14	8 52	1 8	11 28	0 8
M30	23n16	18s59	4n26	18n45	4s43	23n16	1n 9	22n29	0n11	23n14	0s13	9n31	2s24	8s56	0s47	20n40	0s19	11s40	17s 4	9s10	8s51	1n10	11n28	0s 8

Julian Day Number = 2300485.5, Delta T = 109.09 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'06, Lahiri = 18°05'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

JULY 1586 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 34	8♋32'46	8♉38	2°R22	20♋21	12♊52	27♊ 4	0♉51	9°R 1	26♋ 3	10♈ 8	23°R23	22♎40	28♓ 3	0♉19	T 1
W 2	18 38 30	9°29'56	21°42	1♋53	21°34	13°33	27°17	0°55	9♓ 0	26° 5	10° 8	23♎11	22°37	28°10	0°21	W 2
T 3	18 42 27	10°27'06	4♒29	1°28	22°48	14°14	27°31	1° 0	8°59	26° 7	10° 8	22°59	22°33	28°16	0°22	T 3
F 4	18 46 24	11°24'17	16°59	1° 6	24° 2	14°55	27°44	1° 4	8°58	26°10	10° 9	22°48	22°30	28°23	0°24	F 4
S 5	18 50 20	12°21'27	29°15	0°49	25°15	15°36	27°58	1° 8	8°57	26°12	10° 9	22°40	22°27	28°30	0°26	S 5
S 6	18 54 17	13°18'39	11♓17	0°36	26°29	16°17	28°11	1°12	8°56	26°14	10° 9	22°34	22°24	28°36	0°28	S 6
M 7	18 58 13	14°15'50	23°11	0°27	27°43	16°58	28°25	1°16	8°55	26°16	10° 9	22°30	22°21	28°43	0°29	M 7
T 8	19 2 10	15°13'02	5♈ 0	0°D24	28°56	17°39	28°38	1°20	8°54	26°18	10° 9	22°28	22°18	28°50	0°31	T 8
W 9	19 6 6	16°10'15	16°50	0°26	0♌10	18°20	28°52	1°23	8°53	26°20	10° 9	22°28	22°14	28°56	0°32	W 9
T 10	19 10 3	17° 7'28	28°46	0°34	1°23	19° 1	29° 5	1°27	8°52	26°23	10° 9	22°28	22°11	29° 3	0°34	T 10
F 11	19 13 59	18° 4'42	10♉53	0°47	2°37	19°42	29°18	1°31	8°51	26°25	10°R 9	22°27	22° 8	29°10	0°35	F 11
S 12	19 17 56	19° 1'57	23°16	1° 5	3°51	20°23	29°32	1°34	8°49	26°27	10° 9	22°25	22° 5	29°16	0°37	S 12
S 13	19 21 53	19°59'12	6♊ 0	1°29	5° 4	21° 3	29°45	1°37	8°48	26°29	10° 9	22°19	22° 2	29°23	0°38	S 13
M14	19 25 49	20°56'28	19° 7	1°59	6°18	21°44	29°58	1°41	8°47	26°31	10° 9	22°12	21°58	29°30	0°39	M14
T 15	19 29 46	21°53'45	2♋39	2°34	7°32	22°24	0♋11	1°44	8°45	26°34	10° 9	22° 2	21°55	29°36	0°41	T 15
W16	19 33 42	22°51'03	16°33	3°14	8°45	23° 5	0°24	1°47	8°44	26°36	10° 9	21°50	21°52	29°43	0°42	W16
T 17	19 37 39	23°48'21	0♌46	4° 1	9°59	23°45	0°38	1°50	8°43	26°38	10° 9	21°39	21°49	29°49	0°43	T 17
F 18	19 41 35	24°45'39	15°12	4°52	11°12	24°26	0°51	1°53	8°41	26°40	10° 9	21°28	21°46	29°56	0°44	F 18
S 19	19 45 32	25°42'58	29°44	5°49	12°26	25° 6	1° 4	1°56	8°39	26°43	10° 8	21°19	21°43	0♈ 3	0°45	S 19
S 20	19 49 28	26°40'18	14♍17	6°52	13°40	25°46	1°17	1°58	8°38	26°45	10° 8	21°13	21°39	0° 9	0°46	S 20
M21	19 53 25	27°37'38	28°44	7°59	14°53	26°27	1°30	2° 1	8°36	26°47	10° 8	21°10	21°36	0°16	0°47	M21
T 22	19 57 22	28°34'58	13♎ 3	9°12	16° 7	27° 7	1°43	2° 4	8°35	26°49	10° 8	21° 9	21°33	0°23	0°48	T 22
W23	20 1 18	29°32'19	27°10	10°30	17°20	27°47	1°56	2° 6	8°33	26°52	10° 7	21° 9	21°30	0°29	0°48	W23
T 24	20 5 15	0♌29'40	11♏ 5	11°52	18°34	28°27	2° 8	2° 8	8°31	26°54	10° 7	21° 8	21°27	0°36	0°49	T 24
F 25	20 9 11	1°27'02	24°48	13°19	19°47	29° 7	2°21	2°11	8°30	26°56	10° 7	21° 7	21°24	0°43	0°50	F 25
S 26	20 13 8	2°24'25	8♐20	14°51	21° 1	29°47	2°34	2°13	8°28	26°58	10° 7	21° 3	21°20	0°49	0°50	S 26
S 27	20 17 4	3°21'48	21°40	16°27	22°15	0♋27	2°47	2°15	8°26	27° 0	10° 6	20°56	21°17	0°56	0°51	S 27
M28	20 21 1	4°19'12	4♑49	18° 7	23°28	1° 7	2°59	2°17	8°24	27° 3	10° 6	20°47	21°14	1° 3	0°51	M28
T 29	20 24 57	5°16'36	17°46	19°51	24°42	1°46	3°12	2°18	8°22	27° 5	10° 6	20°36	21°11	1° 9	0°52	T 29
W30	20 28 54	6°14'02	0♒31	21°38	25°55	2°26	3°24	2°20	8°20	27° 7	10° 5	20°23	21° 8	1°16	0°52	W30
T 31	20 32 51	7♌11'28	13♒ 3	23♋28	27♌ 9	3♋ 6	3♋37	2♉22	8♓18	27♋ 9	10♈ 5	20♎11	21♎ 4	1♈23	0♉53	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	decl	lat
T 1	23n13	18s22	4n52	18n43	4s45	23n 6	1n10	22n35	0n12	23n14	0s13	9n32	2s24	8s56	0s47	20n40	0s19	11s40	17s 4	9s 6	8s50	1n12	11n29	0s 8
W 2	23 9	16 47	5 1	18 42	4 46	22 57	1 12	22 41	0 12	23 15	0 13	9 34	2 25	8 57	0 47	20 40	0 19	11 40	17 5	9 2	8 49	1 13	11 29	0 8
T 3	23 5	14 24	4 55	18 43	4 46	22 46	1 13	22 46	0 13	23 15	0 13	9 35	2 25	8 57	0 47	20 39	0 19	11 40	17 5	8 57	8 48	1 15	11 30	0 8
F 4	23 0	11 24	4 35	18 46	4 44	22 35	1 15	22 52	0 14	23 15	0 13	9 36	2 25	8 57	0 47	20 39	0 19	11 41	17 5	8 53	8 47	1 17	11 30	0 8
S 5	22 55	7 58	4 3	18 49	4 40	22 23	1 16	22 57	0 14	23 16	0 13	9 37	2 25	8 58	0 47	20 38	0 19	11 41	17 6	8 50	8 45	1 19	11 31	0 8
S 6	22 49	4 16	3 20	18 54	4 35	22 10	1 18	23 2	0 15	23 16	0 13	9 38	2 26	8 58	0 47	20 38	0 19	11 41	17 6	8 48	8 44	1 21	11 32	0 9
M 7	22 44	0 26	2 29	19 1	4 29	21 57	1 19	23 7	0 16	23 16	0 13	9 40	2 26	8 59	0 48	20 38	0 19	11 41	17 6	8 46	8 43	1 23	11 32	0 9
T 8	22 37	3n23	1 31	19 8	4 21	21 43	1 20	23 11	0 16	23 16	0 13	9 41	2 26	8 59	0 48	20 37	0 19	11 42	17 7	8 46	8 42	1 25	11 32	0 9
W 9	22 31	7 5	0 30	19 17	4 13	21 29	1 21	23 16	0 17	23 17	0 12	9 42	2 26	8 59	0 48	20 37	0 19	11 42	17 7	8 46	8 41	1 27	11 33	0 9
T 10	22 23	10 32	0s33	19 26	4 3	21 14	1 22	23 20	0 18	23 17	0 12	9 43	2 27	9 0	0 48	20 36	0 19	11 42	17 7	8 46	8 39	1 29	11 33	0 9
F 11	22 16	13 36	1 36	19 37	3 53	20 58	1 23	23 24	0 18	23 17	0 12	9 44	2 27	9 0	0 48	20 36	0 19	11 43	17 8	8 45	8 38	1 31	11 34	0 9
S 12	22 8	16 7	2 35	19 48	3 41	20 42	1 24	23 27	0 19	23 17	0 12	9 45	2 27	9 1	0 48	20 36	0 19	11 43	17 8	8 44	8 37	1 33	11 34	0 9
S 13	22 0	17 56	3 29	20 0	3 29	20 25	1 25	23 31	0 20	23 17	0 12	9 46	2 27	9 1	0 48	20 35	0 19	11 43	17 9	8 42	8 36	1 34	11 35	0 9
M14	21 51	18 51	4 13	20 12	3 16	20 7	1 26	23 34	0 20	23 17	0 12	9 47	2 27	9 2	0 48	20 35	0 19	11 44	17 9	8 40	8 35	1 36	11 35	0 9
T 15	21 42	18 44	4 44	20 25	3 3	19 49	1 27	23 37	0 21	23 17	0 12	9 47	2 28	9 3	0 48	20 34	0 19	11 44	17 9	8 36	8 33	1 38	11 35	0 9
W16	21 33	17 31	4 59	20 38	2 50	19 31	1 27	23 40	0 22	23 18	0 12	9 48	2 28	9 3	0 48	20 34	0 19	11 45	17 10	8 32	8 32	1 40	11 36	0 9
T 17	21 23	15 12	4 57	20 50	2 36	19 12	1 28	23 43	0 22	23 18	0 12	9 49	2 28	9 4	0 48	20 34	0 19	11 45	17 10	8 27	8 31	1 42	11 36	0 10
F 18	21 13	11 55	4 36	21 3	2 21	18 52	1 29	23 46	0 23	23 18	0 12	9 50	2 28	9 4	0 48	20 33	0 19	11 45	17 10	8 23	8 30	1 44	11 36	0 10
S 19	21 3	7 54	3 56	21 15	2 7	18 32	1 29	23 48	0 24	23 18	0 12	9 51	2 29	9 5	0 48	20 33	0 19	11 46	17 11	8 20	8 29	1 46	11 36	0 10
S 20	20 52	3 24	3 2	21 27	1 52	18 11	1 30	23 50	0 25	23 18	0 12	9 51	2 29	9 5	0 48	20 32	0 19	11 46	17 11	8 18	8 28	1 48	11 37	0 10
M21	20 41	1s16	1 56	21 38	1 37	17 50	1 30	23 52	0 25	23 17	0 11	9 52	2 29	9 6	0 48	20 32	0 19	11 46	17 11	8 16	8 26	1 50	11 37	0 10
T 22	20 29	5 49	0 43	21 48	1 23	17 29	1 30	23 53	0 26	23 17	0 11	9 53	2 29	9 7	0 48	20 32	0 19	11 47	17 12	8 16	8 25	1 52	11 37	0 10
W23	20 17	9 59	0n32	21 57	1 8	17 7	1 31	23 55	0 27	23 17	0 11	9 53	2 30	9 7	0 48	20 31	0 19	11 47	17 12	8 16	8 24	1 53	11 37	0 10
T 24	20 5	13 33	1 44	22 4	0 54	16 44	1 31	23 56	0 27	23 17	0 11	9 54	2 30	9 8	0 48	20 31	0 19	11 48	17 12	8 16	8 23	1 55	11 37	0 10
F 25	19 53	16 17	2 48	22 10	0 40	16 21	1 31	23 57	0 28	23 17	0 11	9 54	2 30	9 9	0 48	20 30	0 19	11 48	17 13	8 15	8 22	1 57	11 38	0 10
S 26	19 40	18 5	3 42	22 14	0 26	15 57	1 31	23 58	0 29	23 17	0 11	9 55	2 30	9 9	0 48	20 30	0 19	11 49	17 13	8 14	8 20	1 59	11 38	0 10
S 27	19 27	18 51	4 24	22 16	0 13	15 34	1 31	23 59	0 29	23 17	0 11	9 55	2 31	9 10	0 48	20 29	0 19	11 49	17 13	8 11	8 19	2 1	11 38	0 10
M28	19 13	18 34	4 50	22 16	0n 0	15 9	1 31	23 59	0 30	23 17	0 11	9 56	2 31	9 11	0 48	20 29	0 19	11 49	17 14	8 8	8 18	2 3	11 38	0 11
T 29	18 59	17 20	5 1	22 14	0 13	14 45	1 31	23 59	0 31	23 16	0 11	9 56	2 31	9 12	0 48	20 29	0 19	11 50	17 14	8 4	8 17	2 5	11 38	0 11
W30	18 45	15 15	4 57	22 9	0 24	14 19	1 30	23 59	0 31	23 16	0 11	9 56	2 32	9 12	0 48	20 28	0 19	11 50	17 14	7 59	8 16	2 7	11 38	0 11
T 31	18n31	12s29	4n38	22n 2	0n35	13n54	1n30	23n59	0n32	23n16	0s11	9n57	2s32	9s13	0s48	20n28	0s19	11s51	17s15	7s54	8s14	2n 9	11n38	0s11

Julian Day Number = 2300515.5, Delta T = 108.96 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'10, Lahiri = 18°05'11Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

AUGUST 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 47	8♌ 8'56	25♒22	25♋21	28♌22	3♋45	3♋49	2♉23	8°R17	27♋11	10°R 4	20°R 0	21♎ 1	1♈29	0♉53	F 1
S 2	20 40 44	9° 6'25	7♓30	27°17	29°36	4°25	4° 1	2°25	8♓15	27°14	10♈ 4	19♎51	20°58	1°36	0°53	S 2
S 3	20 44 40	10° 3'54	19°27	29°15	0♍49	5° 5	4°14	2°26	8°13	27°16	10° 3	19°45	20°55	1°43	0°53	S 3
M 4	20 48 37	11° 1'25	1♈18	1♌14	2° 2	5°44	4°26	2°27	8°11	27°18	10° 3	19°41	20°52	1°49	0°53	M 4
T 5	20 52 33	11°58'58	13° 6	3°15	3°16	6°23	4°38	2°28	8° 8	27°20	10° 2	19°39	20°49	1°56	0°R53	T 5
W 6	20 56 30	12°56'32	24°54	5°17	4°29	7° 3	4°50	2°29	8° 6	27°22	10° 2	19°D39	20°45	2° 3	0°53	W 6
T 7	21 0 26	13°54'07	6♉49	7°19	5°43	7°42	5° 2	2°30	8° 4	27°24	10° 1	19°40	20°42	2° 9	0°53	T 7
F 8	21 4 23	14°51'44	18°55	9°22	6°56	8°21	5°14	2°31	8° 2	27°27	10° 1	19°R40	20°39	2°16	0°53	F 8
S 9	21 8 19	15°49'22	1♊18	11°25	8°10	9° 0	5°26	2°32	8° 0	27°29	10° 0	19°39	20°36	2°23	0°53	S 9
S 10	21 12 16	16°47'02	14° 2	13°27	9°23	9°40	5°38	2°32	7°58	27°31	9°59	19°35	20°33	2°29	0°53	S 10
M11	21 16 13	17°44'43	27°12	15°29	10°36	10°19	5°50	2°33	7°56	27°33	9°59	19°30	20°29	2°36	0°52	M11
T 12	21 20 9	18°42'26	10♋49	17°31	11°50	10°58	6° 2	2°33	7°53	27°35	9°58	19°22	20°26	2°42	0°52	T 12
W13	21 24 6	19°40'11	24°53	19°32	13° 3	11°37	6°13	2°34	7°51	27°37	9°58	19°14	20°23	2°49	0°52	W13
T 14	21 28 2	20°37'57	9♌21	21°31	14°17	12°15	6°25	2°34	7°49	27°39	9°57	19° 4	20°20	2°56	0°51	T 14
F 15	21 31 59	21°35'45	24° 6	23°30	15°30	12°54	6°36	2°R34	7°47	27°41	9°56	18°56	20°17	3° 2	0°51	F 15
S 16	21 35 55	22°33'33	9♍ 1	25°28	16°43	13°33	6°48	2°34	7°44	27°43	9°55	18°49	20°14	3° 9	0°50	S 16
S 17	21 39 52	23°31'24	23°57	27°25	17°57	14°12	6°59	2°34	7°42	27°46	9°55	18°44	20°10	3°16	0°49	S 17
M18	21 43 48	24°29'15	8♎45	29°20	19°10	14°50	7°10	2°33	7°40	27°48	9°54	18°42	20° 7	3°22	0°49	M18
T 19	21 47 45	25°27'08	23°20	1♍14	20°23	15°29	7°21	2°33	7°37	27°50	9°53	18°D42	20° 4	3°29	0°48	T 19
W20	21 51 42	26°25'02	7♏38	3° 7	21°37	16° 8	7°32	2°33	7°35	27°52	9°52	18°43	20° 1	3°36	0°47	W20
T 21	21 55 38	27°22'57	21°37	4°58	22°50	16°46	7°43	2°32	7°33	27°54	9°52	18°R43	19°58	3°42	0°46	T 21
F 22	21 59 35	28°20'54	5♐17	6°48	24° 3	17°25	7°54	2°31	7°30	27°56	9°51	18°43	19°55	3°49	0°45	F 22
S 23	22 3 31	29°18'52	18°40	8°37	25°16	18° 3	8° 5	2°31	7°28	27°58	9°50	18°42	19°51	3°56	0°44	S 23
S 24	22 7 28	0♍16'51	1♑46	10°25	26°30	18°41	8°16	2°30	7°26	28° 0	9°49	18°38	19°48	4° 2	0°43	S 24
M25	22 11 24	1°14'51	14°38	12°11	27°43	19°19	8°27	2°29	7°23	28° 1	9°48	18°32	19°45	4° 9	0°42	M25
T 26	22 15 21	2°12'54	27°16	13°56	28°56	19°58	8°37	2°28	7°21	28° 3	9°47	18°24	19°42	4°16	0°41	T 26
W27	22 19 17	3°10'57	9♒43	15°40	0♎ 9	20°36	8°48	2°26	7°19	28° 5	9°46	18°16	19°39	4°22	0°40	W27
T 28	22 23 14	4° 9'02	22° 0	17°23	1°22	21°14	8°58	2°25	7°16	28° 7	9°46	18° 8	19°35	4°29	0°38	T 28
F 29	22 27 11	5° 7'09	4♓ 6	19° 4	2°35	21°52	9° 8	2°24	7°14	28° 9	9°45	18° 1	19°32	4°36	0°37	F 29
S 30	22 31 7	6° 5'17	16° 5	20°44	3°48	22°30	9°18	2°22	7°11	28°11	9°44	17°55	19°29	4°42	0°36	S 30
S 31	22 35 4	7♍ 3'27	27♓57	22♍23	5♎ 1	23♋ 8	9♋28	2♉21	7♓ 9	28♋13	9♈43	17♎51	19♎26	4♈49	0♉34	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	18n16	9s13	4n 7	21n52	0n46	13n28	1n30	23n59	0n33	23n16	0s11	9n57	2s32	9s14	0s48	20n27	0s19	11s51	17s15	7s50	8s13	2n10	11n38	0s11
S 2	18 1	5 37	3 24	21 39	0 55	13 2	1 29	23 58	0 33	23 15	0 10	9 57	2 32	9 15	0 48	20 27	0 19	11 52	17 15	7 47	8 12	2 12	11 38	0 11
S 3	17 46	1 50	2 34	21 24	1 4	12 35	1 29	23 58	0 34	23 15	0 10	9 57	2 33	9 15	0 48	20 27	0 19	11 52	17 16	7 44	8 11	2 14	11 38	0 11
M 4	17 30	1n59	1 36	21 6	1 12	12 9	1 28	23 57	0 35	23 15	0 10	9 58	2 33	9 16	0 48	20 26	0 19	11 53	17 16	7 43	8 10	2 16	11 38	0 11
T 5	17 14	5 43	0 35	20 45	1 19	11 41	1 27	23 56	0 35	23 14	0 10	9 58	2 33	9 17	0 48	20 26	0 19	11 53	17 16	7 42	8 8	2 18	11 38	0 11
W 6	16 58	9 14	0s28	20 22	1 25	11 14	1 27	23 54	0 36	23 14	0 10	9 58	2 33	9 18	0 48	20 25	0 19	11 54	17 17	7 42	8 7	2 20	11 38	0 11
T 7	16 41	12 24	1 30	19 56	1 31	10 46	1 26	23 53	0 37	23 14	0 10	9 58	2 34	9 18	0 48	20 25	0 19	11 54	17 17	7 42	8 6	2 22	11 38	0 11
F 8	16 25	15 5	2 30	19 29	1 35	10 18	1 25	23 51	0 37	23 13	0 10	9 58	2 34	9 19	0 48	20 24	0 19	11 55	17 17	7 42	8 5	2 24	11 38	0 12
S 9	16 8	17 9	3 24	18 59	1 39	9 50	1 24	23 49	0 38	23 13	0 10	9 58	2 34	9 20	0 48	20 24	0 19	11 55	17 18	7 42	8 4	2 26	11 37	0 12
S 10	15 50	18 25	4 9	18 27	1 42	9 21	1 23	23 47	0 39	23 12	0 10	9 58	2 34	9 21	0 48	20 24	0 19	11 56	17 18	7 41	8 2	2 27	11 37	0 12
M11	15 33	18 45	4 43	17 53	1 44	8 52	1 22	23 45	0 39	23 12	0 10	9 58	2 35	9 22	0 48	20 23	0 19	11 56	17 18	7 39	8 1	2 29	11 37	0 12
T 12	15 15	18 2	5 2	17 17	1 45	8 23	1 21	23 42	0 40	23 12	0 10	9 58	2 35	9 23	0 48	20 23	0 19	11 57	17 19	7 36	8 0	2 31	11 37	0 12
W13	14 57	16 13	5 4	16 40	1 46	7 54	1 20	23 40	0 41	23 11	0 9	9 57	2 35	9 23	0 48	20 22	0 19	11 57	17 19	7 33	7 59	2 33	11 37	0 12
T 14	14 39	13 21	4 46	16 2	1 46	7 24	1 18	23 37	0 42	23 11	0 9	9 57	2 35	9 24	0 48	20 22	0 19	11 58	17 19	7 29	7 58	2 35	11 36	0 12
F 15	14 20	9 35	4 10	15 22	1 45	6 55	1 17	23 34	0 42	23 10	0 9	9 57	2 36	9 25	0 48	20 22	0 19	11 58	17 19	7 26	7 56	2 37	11 36	0 12
S 16	14 1	5 10	3 16	14 41	1 44	6 25	1 16	23 31	0 43	23 10	0 9	9 57	2 36	9 26	0 48	20 21	0 19	11 59	17 20	7 23	7 55	2 39	11 36	0 12
S 17	13 42	0 26	2 9	14 0	1 42	5 55	1 14	23 27	0 44	23 9	0 9	9 56	2 36	9 27	0 48	20 21	0 19	11 59	17 20	7 21	7 54	2 41	11 35	0 12
M18	13 23	4s18	0 53	13 17	1 40	5 25	1 13	23 24	0 44	23 9	0 9	9 56	2 36	9 28	0 48	20 20	0 19	12 0	17 20	7 21	7 53	2 42	11 35	0 13
T 19	13 4	8 42	0n25	12 34	1 37	4 54	1 11	23 20	0 45	23 8	0 9	9 56	2 37	9 29	0 48	20 20	0 19	12 0	17 21	7 20	7 52	2 44	11 35	0 13
W20	12 44	12 30	1 40	11 50	1 33	4 24	1 9	23 16	0 46	23 8	0 9	9 55	2 37	9 30	0 49	20 20	0 19	12 1	17 21	7 21	7 50	2 46	11 34	0 13
T 21	12 24	15 30	2 48	11 6	1 30	3 53	1 8	23 12	0 46	23 7	0 9	9 55	2 37	9 30	0 49	20 19	0 19	12 2	17 21	7 21	7 49	2 48	11 34	0 13
F 22	12 4	17 33	3 44	10 21	1 25	3 22	1 6	23 8	0 47	23 7	0 9	9 54	2 38	9 31	0 49	20 19	0 19	12 2	17 21	7 21	7 48	2 50	11 33	0 13
S 23	11 44	18 34	4 27	9 36	1 21	2 52	1 4	23 4	0 48	23 6	0 9	9 54	2 38	9 32	0 49	20 18	0 19	12 3	17 22	7 20	7 47	2 52	11 33	0 13
S 24	11 24	18 34	4 55	8 51	1 16	2 21	1 2	22 59	0 48	23 5	0 9	9 53	2 38	9 33	0 49	20 18	0 19	12 3	17 22	7 19	7 46	2 54	11 33	0 13
M25	11 3	17 36	5 7	8 5	1 10	1 50	1 0	22 54	0 49	23 5	0 8	9 53	2 38	9 34	0 49	20 18	0 19	12 4	17 22	7 17	7 44	2 56	11 32	0 13
T 26	10 43	15 46	5 5	7 20	1 5	1 19	0 58	22 49	0 50	23 4	0 8	9 52	2 38	9 35	0 49	20 17	0 19	12 4	17 22	7 14	7 43	2 57	11 32	0 13
W27	10 22	13 14	4 47	6 34	0 59	0 48	0 56	22 44	0 50	23 4	0 8	9 52	2 39	9 36	0 49	20 17	0 19	12 5	17 22	7 11	7 42	2 59	11 31	0 13
T 28	10 1	10 9	4 17	5 48	0 53	0 16	0 54	22 39	0 51	23 3	0 8	9 51	2 39	9 37	0 49	20 17	0 19	12 5	17 23	7 8	7 41	3 1	11 31	0 14
F 29	9 39	6 41	3 35	5 3	0 46	0s15	0 51	22 34	0 52	23 2	0 8	9 50	2 39	9 38	0 49	20 16	0 19	12 6	17 23	7 5	7 40	3 3	11 30	0 14
S 30	9 18	2 59	2 44	4 17	0 40	0 46	0 49	22 28	0 53	23 2	0 8	9 50	2 39	9 38	0 49	20 16	0 19	12 6	17 23	7 3	7 38	3 5	11 29	0 14
S 31	8n56	0n48	1n46	3n32	0n33	1s17	0n47	22n23	0n53	23n 1	0s 8	9n49	2s40	9s39	0s49	20n15	0s19	12s 7	17s23	7s 1	7s37	3n 7	11n29	0s14

Julian Day Number = 2300546.5, Delta T = 108.82 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'14, Lahiri = 18°05'15Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

SEPTEMBER 1586 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 0	8♍ 1'39	9♈45	24♍ 1	6♎15	23♋46	9♋38	2°R19	7°R 7	28♋15	9°R42	17°R49	19♎23	4♈55	0°R33	M 1
T 2	22 42 57	8°59'53	21°32	25°37	7°28	24°23	9°48	2♉17	7♓ 4	28°16	9♈41	17°D49	19°20	5° 2	0♉31	T 2
W 3	22 46 53	9°58'09	3♉21	27°12	8°41	25° 1	9°58	2°15	7° 2	28°18	9°40	17♎50	19°16	5° 9	0°30	W 3
T 4	22 50 50	10°56'27	15°16	28°47	9°54	25°39	10° 8	2°13	6°59	28°20	9°39	17°51	19°13	5°15	0°28	T 4
F 5	22 54 46	11°54'47	27°21	0♎20	11° 7	26°16	10°17	2°11	6°57	28°22	9°38	17°53	19°10	5°22	0°27	F 5
S 6	22 58 43	12°53'09	9♊42	1°52	12°20	26°54	10°26	2° 9	6°55	28°23	9°37	17°R54	19° 7	5°29	0°25	S 6
S 7	23 2 40	13°51'34	22°24	3°22	13°33	27°31	10°36	2° 7	6°52	28°25	9°36	17°54	19° 4	5°35	0°23	S 7
M 8	23 6 36	14°50'00	5♋30	4°52	14°45	28° 9	10°45	2° 4	6°50	28°27	9°35	17°52	19° 1	5°42	0°21	M 8
T 9	23 10 33	15°48'29	19° 3	6°21	15°58	28°46	10°54	2° 2	6°47	28°28	9°34	17°49	18°57	5°49	0°19	T 9
W10	23 14 29	16°47'00	3♌ 5	7°48	17°11	29°23	11° 3	1°59	6°45	28°30	9°33	17°45	18°54	5°55	0°17	W10
T 11	23 18 26	17°45'33	17°33	9°14	18°24	0♌ 1	11°12	1°56	6°43	28°32	9°32	17°40	18°51	6° 2	0°16	T 11
F 12	23 22 22	18°44'08	2♍24	10°39	19°37	0°38	11°20	1°54	6°40	28°33	9°31	17°36	18°48	6° 9	0°14	F 12
S 13	23 26 19	19°42'45	17°29	12° 3	20°50	1°15	11°29	1°51	6°38	28°35	9°30	17°33	18°45	6°15	0°11	S 13
S 14	23 30 15	20°41'24	2♎39	13°26	22° 3	1°52	11°38	1°48	6°36	28°36	9°28	17°31	18°41	6°22	0° 9	S 14
M15	23 34 12	21°40'05	17°46	14°47	23°16	2°29	11°46	1°45	6°34	28°38	9°27	17°D30	18°38	6°29	0° 7	M15
T 16	23 38 8	22°38'48	2♏39	16° 7	24°28	3° 6	11°54	1°42	6°31	28°39	9°26	17°31	18°35	6°35	0° 5	T 16
W17	23 42 5	23°37'32	17°14	17°26	25°41	3°43	12° 2	1°39	6°29	28°41	9°25	17°32	18°32	6°42	0° 3	W17
T 18	23 46 2	24°36'18	1♐25	18°43	26°54	4°19	12°10	1°35	6°27	28°42	9°24	17°34	18°29	6°49	0° 1	T 18
F 19	23 49 58	25°35'06	15°12	19°59	28° 6	4°56	12°18	1°32	6°24	28°43	9°23	17°35	18°26	6°55	29♈58	F 19
S 20	23 53 55	26°33'56	28°35	21°13	29°19	5°33	12°25	1°28	6°22	28°45	9°22	17°R35	18°22	7° 2	29°56	S 20
S 21	23 57 51	27°32'48	11♑37	22°26	0♏32	6° 9	12°33	1°25	6°20	28°46	9°21	17°34	18°19	7° 8	29°54	S 21
M22	0 1 48	28°31'41	24°20	23°37	1°44	6°46	12°40	1°21	6°18	28°48	9°20	17°33	18°16	7°15	29°51	M22
T 23	0 5 44	29°30'36	6♒47	24°46	2°57	7°22	12°48	1°18	6°16	28°49	9°18	17°30	18°13	7°22	29°49	T 23
W24	0 9 41	0♎29'33	19° 1	25°53	4°10	7°58	12°55	1°14	6°14	28°50	9°17	17°28	18°10	7°28	29°46	W24
T 25	0 13 37	1°28'31	1♓ 5	26°58	5°22	8°35	13° 2	1°10	6°12	28°51	9°16	17°25	18° 6	7°35	29°44	T 25
F 26	0 17 34	2°27'32	13° 2	28° 1	6°35	9°11	13° 8	1° 6	6° 9	28°53	9°15	17°23	18° 3	7°42	29°41	F 26
S 27	0 21 31	3°26'34	24°54	29° 2	7°47	9°47	13°15	1° 2	6° 7	28°54	9°14	17°21	18° 0	7°48	29°39	S 27
S 28	0 25 27	4°25'39	6♈42	29°59	8°59	10°23	13°22	0°58	6° 5	28°55	9°13	17°20	17°57	7°55	29°36	S 28
M29	0 29 24	5°24'45	18°30	0♏55	10°12	10°59	13°28	0°54	6° 3	28°56	9°11	17°D20	17°54	8° 2	29°33	M29
T 30	0 33 20	6♎23'54	0♉19	1♏47	11♏24	11♌35	13♋34	0♉50	6♓ 1	28♋57	9♈10	17♎20	17♎51	8♈ 8	29♈31	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	8n35	4n33	0n44	2n47	0n26	1s48	0n44	22n17	0n54	23n 1	0s 8	9n48	2s40	9s40	0s49	20n15	0s19	12s 8	17s24	7s 0	7s36	3n 9	11n28	0s14
T 2	8 13	8 6	0s20	2 2	0 19	2 19	0 42	22 11	0 55	23 0	0 8	9 47	2 40	9 41	0 49	20 15	0 19	12 8	17 24	7 0	7 35	3 10	11 28	0 14
W 3	7 51	11 21	1 24	1 17	0 12	2 51	0 39	22 5	0 55	22 59	0 8	9 46	2 40	9 42	0 49	20 14	0 19	12 9	17 24	7 1	7 34	3 12	11 27	0 14
T 4	7 29	14 9	2 24	0 33	0 4	3 22	0 37	21 59	0 56	22 59	0 8	9 45	2 41	9 43	0 49	20 14	0 19	12 9	17 24	7 1	7 32	3 14	11 26	0 14
F 5	7 7	16 22	3 19	0s11	0s 3	3 53	0 34	21 52	0 57	22 58	0 8	9 44	2 41	9 44	0 49	20 14	0 19	12 10	17 24	7 2	7 31	3 16	11 26	0 14
S 6	6 44	17 53	4 7	0 55	0 11	4 24	0 32	21 46	0 57	22 57	0 7	9 43	2 41	9 45	0 49	20 13	0 19	12 10	17 24	7 2	7 30	3 18	11 25	0 14
S 7	6 22	18 34	4 43	1 38	0 19	4 55	0 29	21 39	0 58	22 57	0 7	9 42	2 41	9 46	0 49	20 13	0 19	12 11	17 25	7 2	7 29	3 20	11 24	0 15
M 8	5 59	18 17	5 6	2 21	0 27	5 25	0 26	21 32	0 59	22 56	0 7	9 41	2 42	9 46	0 49	20 13	0 19	12 11	17 25	7 1	7 28	3 22	11 24	0 15
T 9	5 36	16 58	5 13	3 3	0 34	5 56	0 24	21 25	0 59	22 55	0 7	9 40	2 42	9 47	0 49	20 12	0 19	12 12	17 25	7 0	7 26	3 23	11 23	0 15
W10	5 14	14 36	5 2	3 45	0 42	6 27	0 21	21 18	1 0	22 55	0 7	9 39	2 42	9 48	0 49	20 12	0 19	12 13	17 25	6 59	7 25	3 25	11 22	0 15
T 11	4 51	11 17	4 32	4 26	0 50	6 57	0 18	21 11	1 1	22 54	0 7	9 38	2 42	9 49	0 49	20 12	0 19	12 13	17 25	6 57	7 24	3 27	11 21	0 15
F 12	4 28	7 10	3 43	5 7	0 58	7 27	0 15	21 4	1 2	22 53	0 7	9 37	2 42	9 50	0 49	20 11	0 19	12 14	17 25	6 55	7 23	3 29	11 20	0 15
S 13	4 5	2 32	2 38	5 47	1 6	7 58	0 12	20 56	1 2	22 53	0 7	9 36	2 43	9 51	0 48	20 11	0 19	12 14	17 26	6 54	7 22	3 31	11 20	0 15
S 14	3 42	2s18	1 21	6 27	1 14	8 28	0 9	20 49	1 3	22 52	0 7	9 35	2 43	9 52	0 48	20 11	0 19	12 15	17 26	6 53	7 20	3 33	11 19	0 15
M15	3 19	6 58	0n 1	7 6	1 22	8 58	0 6	20 41	1 4	22 52	0 7	9 34	2 43	9 52	0 48	20 10	0 19	12 15	17 26	6 53	7 19	3 34	11 18	0 15
T 16	2 55	11 8	1 23	7 44	1 29	9 27	0 3	20 33	1 4	22 51	0 6	9 32	2 43	9 53	0 48	20 10	0 19	12 16	17 26	6 53	7 18	3 36	11 17	0 15
W17	2 32	14 30	2 37	8 21	1 37	9 57	0 0	20 25	1 5	22 50	0 6	9 31	2 43	9 54	0 48	20 10	0 19	12 16	17 26	6 54	7 17	3 38	11 16	0 16
T 18	2 9	16 55	3 39	8 58	1 45	10 26	0s 3	20 17	1 6	22 50	0 6	9 30	2 43	9 55	0 48	20 10	0 19	12 17	17 26	6 54	7 15	3 40	11 15	0 16
F 19	1 46	18 15	4 27	9 34	1 52	10 55	0 6	20 9	1 7	22 49	0 6	9 28	2 44	9 56	0 48	20 9	0 19	12 17	17 26	6 55	7 14	3 42	11 14	0 16
S 20	1 22	18 30	4 59	10 9	2 0	11 24	0 9	20 1	1 7	22 48	0 6	9 27	2 44	9 57	0 48	20 9	0 19	12 18	17 26	6 55	7 13	3 44	11 14	0 16
S 21	0 59	17 46	5 14	10 43	2 7	11 52	0 12	19 52	1 8	22 48	0 6	9 26	2 44	9 57	0 48	20 9	0 19	12 18	17 26	6 55	7 12	3 46	11 13	0 16
M22	0 35	16 9	5 14	11 16	2 14	12 21	0 15	19 44	1 9	22 47	0 6	9 24	2 44	9 58	0 48	20 8	0 19	12 19	17 26	6 54	7 11	3 47	11 12	0 16
T 23	0 12	13 48	4 58	11 48	2 21	12 49	0 18	19 35	1 9	22 47	0 6	9 23	2 44	9 59	0 48	20 8	0 19	12 19	17 27	6 53	7 9	3 49	11 11	0 16
W24	0s12	10 53	4 30	12 19	2 28	13 16	0 22	19 27	1 10	22 46	0 6	9 21	2 44	10 0	0 48	20 8	0 19	12 20	17 27	6 52	7 8	3 51	11 10	0 16
T 25	0 35	7 32	3 49	12 49	2 35	13 44	0 25	19 18	1 11	22 45	0 6	9 20	2 45	10 0	0 48	20 8	0 19	12 20	17 27	6 51	7 7	3 53	11 9	0 16
F 26	0 59	3 56	2 59	13 18	2 41	14 11	0 28	19 9	1 12	22 45	0 6	9 19	2 45	10 1	0 48	20 7	0 19	12 21	17 27	6 50	7 6	3 55	11 8	0 16
S 27	1 22	0 11	2 1	13 45	2 47	14 38	0 31	19 0	1 12	22 44	0 5	9 17	2 45	10 2	0 48	20 7	0 19	12 21	17 27	6 50	7 5	3 57	11 7	0 16
S 28	1 46	3n34	0 59	14 12	2 53	15 4	0 34	18 51	1 13	22 44	0 5	9 16	2 45	10 3	0 48	20 7	0 19	12 22	17 27	6 49	7 3	3 58	11 6	0 17
M29	2 9	7 10	0s 6	14 36	2 58	15 30	0 38	18 42	1 14	22 43	0 5	9 14	2 45	10 3	0 48	20 7	0 19	12 22	17 27	6 49	7 2	4 0	11 5	0 17
T 30	2s33	10n29	1s11	14s59	3s 3	15s56	0s41	18n32	1n14	22n43	0s 5	9n13	2s45	10s 4	0s48	20n 6	0s19	12s23	17s27	6s49	7s 1	4n 2	11n 4	0s17

Julian Day Number = 2300577.5, Delta T = 108.68 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'19, Lahiri = 18°05'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

OCTOBER 1586 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 17	7♎23'05	12♉12	2♏35	12♏37	12♌11	13♋40	0°R46	5°R59	28♋58	9°R 9	17♎21	17♎47	8♈15	29°R28	W 1
T 2	0 41 13	8°22'18	24°11	3°20	13°49	12°46	13°46	0♉42	5♓58	28°59	9♈ 8	17°22	17°44	8°22	29♈25	T 2
F 3	0 45 10	9°21'33	6♊21	4° 1	15° 1	13°22	13°52	0°38	5°56	29° 0	9° 7	17°23	17°41	8°28	29°23	F 3
S 4	0 49 6	10°20'51	18°44	4°38	16°13	13°58	13°57	0°33	5°54	29° 1	9° 6	17°24	17°38	8°35	29°20	S 4
S 5	0 53 3	11°20'11	1♋25	5°10	17°26	14°33	14° 3	0°29	5°52	29° 2	9° 4	17°24	17°35	8°41	29°17	S 5
M 6	0 57 0	12°19'33	14°26	5°36	18°38	15° 9	14° 8	0°24	5°50	29° 3	9° 3	17°R24	17°32	8°48	29°14	M 6
T 7	1 0 56	13°18'58	27°51	5°57	19°50	15°44	14°13	0°20	5°48	29° 4	9° 2	17°24	17°28	8°55	29°12	T 7
W 8	1 4 53	14°18'25	11♌42	6°12	21° 2	16°19	14°18	0°15	5°47	29° 5	9° 1	17°24	17°25	9° 1	29° 9	W 8
T 9	1 8 49	15°17'54	25°58	6°20	22°14	16°54	14°23	0°11	5°45	29° 6	9° 0	17°24	17°22	9° 8	29° 6	T 9
F 10	1 12 46	16°17'26	10♍38	6°R20	23°26	17°30	14°27	0° 6	5°43	29° 6	8°59	17°23	17°19	9°15	29° 3	F 10
S 11	1 16 42	17°17'00	25°37	6°13	24°38	18° 5	14°31	0° 2	5°42	29° 7	8°58	17°D23	17°16	9°21	29° 0	S 11
S 12	1 20 39	18°16'36	10♎47	5°58	25°50	18°39	14°36	29♈57	5°40	29° 8	8°56	17°R23	17°12	9°28	28°57	S 12
M13	1 24 35	19°16'14	25°58	5°34	27° 2	19°14	14°40	29°52	5°39	29° 9	8°55	17°23	17° 9	9°35	28°54	M13
T 14	1 28 32	20°15'54	11♏ 2	5° 2	28°14	19°49	14°43	29°48	5°37	29° 9	8°54	17°23	17° 6	9°41	28°51	T 14
W15	1 32 28	21°15'36	25°50	4°21	29°26	20°24	14°47	29°43	5°36	29°10	8°53	17°23	17° 3	9°48	28°48	W15
T 16	1 36 25	22°15'20	10♐14	3°31	0♐38	20°58	14°51	29°38	5°34	29°10	8°52	17°22	17° 0	9°55	28°45	T 16
F 17	1 40 22	23°15'06	24°13	2°33	1°50	21°33	14°54	29°33	5°33	29°11	8°51	17°22	16°57	10° 1	28°42	F 17
S 18	1 44 18	24°14'53	7♑44	1°29	3° 1	22° 7	14°57	29°29	5°31	29°11	8°50	17°21	16°53	10° 8	28°39	S 18
S 19	1 48 15	25°14'42	20°50	0°19	4°13	22°42	15° 0	29°24	5°30	29°12	8°48	17°D21	16°50	10°15	28°36	S 19
M20	1 52 11	26°14'33	3♒32	29♎ 4	5°25	23°16	15° 3	29°19	5°29	29°12	8°47	17°21	16°47	10°21	28°33	M20
T 21	1 56 8	27°14'26	15°55	27°48	6°36	23°50	15° 5	29°14	5°28	29°13	8°46	17°22	16°44	10°28	28°30	T 21
W22	2 0 4	28°14'20	28° 3	26°32	7°48	24°24	15° 7	29° 9	5°26	29°13	8°45	17°22	16°41	10°34	28°27	W22
T 23	2 4 1	29°14'16	10♓ 1	25°18	8°59	24°58	15°10	29° 5	5°25	29°14	8°44	17°24	16°37	10°41	28°24	T 23
F 24	2 7 57	0♏14'13	21°51	24°10	10°11	25°32	15°12	29° 0	5°24	29°14	8°43	17°25	16°34	10°48	28°21	F 24
S 25	2 11 54	1°14'13	3♈39	23° 8	11°22	26° 5	15°13	28°55	5°23	29°14	8°42	17°26	16°31	10°54	28°19	S 25
S 26	2 15 51	2°14'14	15°27	22°16	12°33	26°39	15°15	28°50	5°22	29°14	8°41	17°R26	16°28	11° 1	28°16	S 26
M27	2 19 47	3°14'17	27°17	21°33	13°45	27°12	15°16	28°45	5°21	29°15	8°40	17°26	16°25	11° 8	28°13	M27
T 28	2 23 44	4°14'21	9♉13	21° 1	14°56	27°46	15°17	28°40	5°20	29°15	8°39	17°25	16°22	11°14	28°10	T 28
W29	2 27 40	5°14'28	21°15	20°41	16° 7	28°19	15°18	28°36	5°20	29°15	8°38	17°23	16°18	11°21	28° 7	W29
T 30	2 31 37	6°14'37	3♊26	20°D33	17°18	28°52	15°19	28°31	5°19	29°15	8°37	17°20	16°15	11°28	28° 4	T 30
F 31	2 35 33	7♏14'47	15♊47	20♎36	18♐29	29♌25	15♋20	28♈26	5♓18	29♋15	8♈36	17♎17	16♎12	11♈34	28♈ 1	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	2s56	13n24	2s14	15s20	3s 8	16s21	0s44	18n23	1n15	22n42	0s 5	9n11	2s45	10s 5	0s48	20n 6	0s19	12s23	17s27	6s50	7s 0	4n 4	11n 3	0s17
T 2	3 20	15 46	3 11	15 40	3 12	16 46	0 47	18 14	1 16	22 42	0 5	9 9	2 45	10 6	0 48	20 6	0 19	12 24	17 27	6 50	6 58	4 6	11 2	0 17
F 3	3 43	17 28	4 0	15 57	3 15	17 11	0 51	18 4	1 17	22 41	0 5	9 8	2 46	10 6	0 48	20 6	0 19	12 24	17 27	6 50	6 57	4 7	11 1	0 17
S 4	4 6	18 22	4 39	16 12	3 18	17 35	0 54	17 54	1 17	22 41	0 5	9 6	2 46	10 7	0 48	20 6	0 19	12 24	17 27	6 51	6 56	4 9	11 0	0 17
S 5	4 30	18 23	5 6	16 25	3 20	17 59	0 57	17 45	1 18	22 40	0 5	9 5	2 46	10 8	0 48	20 5	0 19	12 25	17 27	6 51	6 55	4 11	10 59	0 17
M 6	4 53	17 27	5 18	16 35	3 22	18 22	1 0	17 35	1 19	22 40	0 5	9 3	2 46	10 8	0 48	20 5	0 19	12 25	17 27	6 51	6 54	4 13	10 57	0 17
T 7	5 16	15 31	5 13	16 42	3 22	18 45	1 3	17 25	1 20	22 39	0 4	9 1	2 46	10 9	0 48	20 5	0 19	12 26	17 27	6 51	6 52	4 15	10 56	0 17
W 8	5 39	12 40	4 50	16 47	3 22	19 7	1 7	17 15	1 20	22 39	0 4	9 0	2 46	10 9	0 48	20 5	0 19	12 26	17 27	6 51	6 51	4 17	10 55	0 18
T 9	6 2	8 59	4 9	16 48	3 20	19 29	1 10	17 5	1 21	22 39	0 4	8 58	2 46	10 10	0 48	20 5	0 19	12 27	17 27	6 51	6 50	4 18	10 54	0 18
F 10	6 25	4 39	3 11	16 45	3 17	19 51	1 13	16 55	1 22	22 38	0 4	8 56	2 46	10 11	0 48	20 5	0 19	12 27	17 27	6 51	6 49	4 20	10 53	0 18
S 11	6 48	0s 4	1 58	16 39	3 13	20 12	1 16	16 45	1 23	22 38	0 4	8 55	2 46	10 11	0 48	20 4	0 19	12 27	17 27	6 50	6 48	4 22	10 52	0 18
S 12	7 11	4 50	0 37	16 29	3 7	20 32	1 19	16 35	1 23	22 38	0 4	8 53	2 46	10 12	0 48	20 4	0 19	12 28	17 27	6 50	6 46	4 24	10 51	0 18
M13	7 34	9 19	0n48	16 14	3 0	20 52	1 22	16 25	1 24	22 37	0 4	8 51	2 46	10 12	0 48	20 4	0 19	12 28	17 26	6 50	6 45	4 26	10 50	0 18
T 14	7 56	13 9	2 8	15 54	2 51	21 12	1 25	16 15	1 25	22 37	0 4	8 50	2 46	10 13	0 48	20 4	0 19	12 29	17 26	6 50	6 44	4 27	10 49	0 18
W15	8 19	16 3	3 18	15 30	2 40	21 30	1 28	16 4	1 26	22 37	0 4	8 48	2 46	10 13	0 48	20 4	0 19	12 29	17 26	6 50	6 43	4 29	10 47	0 18
T 16	8 41	17 51	4 14	15 2	2 28	21 49	1 31	15 54	1 26	22 36	0 3	8 46	2 46	10 14	0 48	20 4	0 19	12 29	17 26	6 50	6 41	4 31	10 46	0 18
F 17	9 3	18 30	4 52	14 28	2 13	22 6	1 34	15 44	1 27	22 36	0 3	8 45	2 46	10 14	0 48	20 4	0 19	12 30	17 26	6 50	6 40	4 33	10 45	0 18
S 18	9 25	18 3	5 13	13 51	1 57	22 24	1 37	15 33	1 28	22 36	0 3	8 43	2 46	10 15	0 48	20 4	0 19	12 30	17 26	6 50	6 39	4 35	10 44	0 18
S 19	9 47	16 39	5 17	13 10	1 40	22 40	1 40	15 23	1 29	22 36	0 3	8 41	2 46	10 15	0 48	20 3	0 19	12 30	17 26	6 50	6 38	4 37	10 43	0 19
M20	10 9	14 27	5 5	12 25	1 21	22 56	1 43	15 12	1 29	22 35	0 3	8 40	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 37	4 38	10 42	0 19
T 21	10 31	11 39	4 39	11 39	1 1	23 11	1 45	15 1	1 30	22 35	0 3	8 38	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 35	4 40	10 41	0 19
W22	10 52	8 24	4 1	10 53	0 40	23 26	1 48	14 51	1 31	22 35	0 3	8 36	2 46	10 16	0 48	20 3	0 19	12 31	17 26	6 50	6 34	4 42	10 39	0 19
T 23	11 14	4 51	3 13	10 7	0 19	23 40	1 51	14 40	1 32	22 35	0 3	8 35	2 46	10 17	0 48	20 3	0 19	12 32	17 25	6 51	6 33	4 44	10 38	0 19
F 24	11 35	1 8	2 17	9 23	0n 1	23 54	1 53	14 29	1 33	22 35	0 3	8 33	2 46	10 17	0 48	20 3	0 19	12 32	17 25	6 51	6 32	4 46	10 37	0 19
S 25	11 56	2n37	1 16	8 41	0 21	24 6	1 56	14 19	1 33	22 35	0 2	8 31	2 46	10 18	0 48	20 3	0 19	12 32	17 25	6 51	6 30	4 47	10 36	0 19
S 26	12 17	6 16	0 11	8 4	0 40	24 19	1 59	14 8	1 34	22 35	0 2	8 30	2 46	10 18	0 47	20 3	0 19	12 32	17 25	6 52	6 29	4 49	10 35	0 19
M27	12 37	9 41	0s54	7 32	0 57	24 30	2 1	13 57	1 35	22 35	0 2	8 28	2 46	10 18	0 47	20 3	0 19	12 33	17 25	6 51	6 28	4 51	10 34	0 19
T 28	12 58	12 44	1 58	7 6	1 13	24 41	2 3	13 46	1 36	22 35	0 2	8 26	2 46	10 18	0 47	20 3	0 19	12 33	17 25	6 51	6 27	4 53	10 33	0 19
W29	13 18	15 16	2 56	6 45	1 27	24 51	2 6	13 36	1 37	22 35	0 2	8 25	2 46	10 19	0 47	20 3	0 19	12 33	17 25	6 50	6 26	4 55	10 31	0 19
T 30	13 38	17 9	3 48	6 31	1 39	25 0	2 8	13 25	1 37	22 35	0 2	8 23	2 46	10 19	0 47	20 3	0 19	12 33	17 24	6 49	6 24	4 56	10 30	0 19
F 31	13s58	18n16	4s29	6s22	1n49	25s 9	2s10	13n14	1n38	22n35	0s 2	8n21	2s46	10s19	0s47	20n 3	0s19	12s34	17s24	6s48	6s23	4n58	10n29	0s20

Julian Day Number = 2300607.5, Delta T = 108.54 sec
Ecliptic obliquity = 23°29'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'23, Lahiri = 18°05'23Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

NOVEMBER 1586 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 30	8♏15'00	28♊20	20♎50	19♐40	29♑58	15♋20	28°R21	5°R17	29♋15	8°R35	17°R14	16♎ 9	11♈41	27°R58	S 1
S 2	2 43 26	9°15'15	11♋ 7	21°14	20°51	0♍31	15°20	28♈17	5♓17	29°R15	8♈34	17♎11	16° 6	11°48	27♈55	S 2
M 3	2 47 23	10°15'31	24°10	21°47	22° 2	1° 4	15°R20	28°12	5°16	29°15	8°33	17° 9	16° 3	11°54	27°52	M 3
T 4	2 51 20	11°15'50	7♌31	22°29	23°12	1°36	15°20	28° 7	5°15	29°15	8°32	17°D 8	15°59	12° 1	27°49	T 4
W 5	2 55 16	12°16'11	21°11	23°18	24°23	2° 9	15°20	28° 3	5°15	29°15	8°31	17° 8	15°56	12° 7	27°46	W 5
T 6	2 59 13	13°16'33	5♍12	24°14	25°34	2°41	15°19	27°58	5°14	29°15	8°30	17° 9	15°53	12°14	27°43	T 6
F 7	3 3 9	14°16'58	19°33	25°16	26°44	3°14	15°18	27°54	5°14	29°15	8°29	17°11	15°50	12°21	27°40	F 7
S 8	3 7 6	15°17'24	4♎12	26°22	27°54	3°46	15°17	27°49	5°14	29°15	8°28	17°12	15°47	12°27	27°38	S 8
S 9	3 11 2	16°17'53	19° 4	27°34	29° 5	4°18	15°16	27°45	5°13	29°14	8°27	17°R12	15°43	12°34	27°35	S 9
M10	3 14 59	17°18'23	4♏ 3	28°49	0♑15	4°50	15°15	27°40	5°13	29°14	8°26	17°12	15°40	12°41	27°32	M10
T 11	3 18 55	18°18'55	19° 1	0♏ 7	1°25	5°21	15°13	27°36	5°13	29°14	8°25	17° 9	15°37	12°47	27°29	T 11
W12	3 22 52	19°19'28	3♐48	1°28	2°35	5°53	15°11	27°32	5°13	29°13	8°25	17° 5	15°34	12°54	27°27	W12
T 13	3 26 49	20°20'03	18°18	2°51	3°45	6°24	15° 9	27°27	5°12	29°13	8°24	17° 0	15°31	13° 1	27°24	T 13
F 14	3 30 45	21°20'40	2♑24	4°16	4°55	6°56	15° 7	27°23	5°12	29°13	8°23	16°54	15°28	13° 7	27°21	F 14
S 15	3 34 42	22°21'18	16° 3	5°43	6° 5	7°27	15° 5	27°19	5°D12	29°12	8°22	16°49	15°24	13°14	27°19	S 15
S 16	3 38 38	23°21'57	29°15	7°11	7°15	7°58	15° 2	27°15	5°12	29°12	8°21	16°45	15°21	13°21	27°16	S 16
M17	3 42 35	24°22'37	12♒ 2	8°40	8°24	8°29	14°59	27°11	5°13	29°11	8°21	16°43	15°18	13°27	27°13	M17
T 18	3 46 31	25°23'18	24°27	10°10	9°34	8°59	14°56	27° 7	5°13	29°11	8°20	16°D42	15°15	13°34	27°11	T 18
W19	3 50 28	26°24'00	6♓35	11°41	10°43	9°30	14°53	27° 3	5°13	29°10	8°19	16°42	15°12	13°41	27° 8	W19
T 20	3 54 24	27°24'43	18°30	13°13	11°52	10° 0	14°50	26°59	5°13	29°10	8°18	16°44	15° 9	13°47	27° 6	T 20
F 21	3 58 21	28°25'28	0♈19	14°44	13° 2	10°31	14°46	26°55	5°13	29° 9	8°18	16°46	15° 5	13°54	27° 3	F 21
S 22	4 2 18	29°26'13	12° 6	16°17	14°11	11° 1	14°43	26°52	5°14	29° 8	8°17	16°R47	15° 2	14° 0	27° 1	S 22
S 23	4 6 14	0♐27'00	23°55	17°49	15°19	11°31	14°39	26°48	5°14	29° 8	8°16	16°47	14°59	14° 7	26°59	S 23
M24	4 10 11	1°27'48	5♉50	19°22	16°28	12° 0	14°35	26°45	5°15	29° 7	8°16	16°44	14°56	14°14	26°56	M24
T 25	4 14 7	2°28'37	17°54	20°55	17°37	12°30	14°30	26°41	5°15	29° 6	8°15	16°40	14°53	14°20	26°54	T 25
W26	4 18 4	3°29'27	0♊ 8	22°28	18°45	12°59	14°26	26°38	5°16	29° 5	8°15	16°34	14°49	14°27	26°52	W26
T 27	4 22 0	4°30'18	12°35	24° 2	19°53	13°29	14°21	26°35	5°16	29° 5	8°14	16°26	14°46	14°34	26°49	T 27
F 28	4 25 57	5°31'10	25°14	25°35	21° 1	13°58	14°16	26°31	5°17	29° 4	8°13	16°16	14°43	14°40	26°47	F 28
S 29	4 29 53	6°32'04	8♋ 6	27° 9	22° 9	14°26	14°11	26°28	5°18	29° 3	8°13	16° 7	14°40	14°47	26°45	S 29
S 30	4 33 50	7♐32'58	21♋10	28♏42	23♑17	14♍55	14♋ 6	26♈25	5♓18	29♋ 2	8♈12	15♎58	14♎37	14♈54	26♈43	S 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
S 1	14s17	18n30	4s58	6s20	1n58	25s17	2s12	13n 3	1n39	22n35	0s 2	8n20	2s46	10s20	0s47	20n 3	0s19	12s34	17s24	6s47	6s22	5n 0	10n28	0s20
S 2	14 37	17 49	5 13	6 22	2 5	25 25	2 14	12 52	1 40	22 35	0 1	8 18	2 46	10 20	0 47	20 3	0 19	12 34	17 24	6 46	6 21	5 2	10 27	0 20
M 3	14 56	16 11	5 13	6 30	2 10	25 31	2 16	12 41	1 41	22 35	0 1	8 17	2 46	10 20	0 47	20 3	0 19	12 34	17 24	6 45	6 19	5 4	10 26	0 20
T 4	15 14	13 40	4 56	6 42	2 14	25 37	2 18	12 30	1 41	22 35	0 1	8 15	2 46	10 20	0 47	20 3	0 19	12 34	17 23	6 45	6 18	5 5	10 25	0 20
W 5	15 33	10 20	4 21	6 58	2 16	25 42	2 20	12 19	1 42	22 35	0 1	8 13	2 46	10 20	0 47	20 3	0 19	12 35	17 23	6 45	6 17	5 7	10 23	0 20
T 6	15 51	6 21	3 31	7 17	2 18	25 47	2 22	12 8	1 43	22 36	0 1	8 12	2 45	10 20	0 47	20 3	0 19	12 35	17 23	6 45	6 16	5 9	10 22	0 20
F 7	16 10	1 54	2 26	7 39	2 18	25 51	2 24	11 58	1 44	22 36	0 1	8 10	2 45	10 21	0 47	20 3	0 19	12 35	17 23	6 46	6 15	5 11	10 21	0 20
S 8	16 27	2s46	1 11	8 4	2 17	25 54	2 25	11 47	1 45	22 36	0 1	8 9	2 45	10 21	0 47	20 3	0 19	12 35	17 23	6 46	6 13	5 12	10 20	0 20
S 9	16 45	7 20	0n10	8 32	2 15	25 56	2 27	11 36	1 46	22 36	0 1	8 7	2 45	10 21	0 47	20 3	0 19	12 35	17 22	6 46	6 12	5 14	10 19	0 20
M10	17 2	11 28	1 31	9 1	2 12	25 57	2 28	11 25	1 47	22 37	0 0	8 6	2 45	10 21	0 47	20 3	0 19	12 35	17 22	6 46	6 11	5 16	10 18	0 20
T 11	17 19	14 51	2 46	9 31	2 9	25 58	2 29	11 14	1 47	22 37	0 0	8 5	2 45	10 21	0 47	20 3	0 19	12 35	17 22	6 45	6 10	5 18	10 17	0 21
W12	17 36	17 13	3 48	10 3	2 5	25 58	2 31	11 3	1 48	22 37	0 0	8 3	2 45	10 21	0 47	20 3	0 19	12 36	17 22	6 43	6 8	5 20	10 16	0 21
T 13	17 52	18 25	4 34	10 36	2 1	25 58	2 32	10 52	1 49	22 38	0 0	8 2	2 45	10 21	0 47	20 3	0 19	12 36	17 21	6 42	6 7	5 21	10 15	0 21
F 14	18 8	18 26	5 2	11 9	1 56	25 56	2 33	10 41	1 50	22 38	0n 0	8 0	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 39	6 6	5 23	10 14	0 21
S 15	18 24	17 21	5 12	11 43	1 51	25 54	2 34	10 30	1 51	22 38	0 0	7 59	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 37	6 5	5 25	10 13	0 21
S 16	18 39	15 23	5 5	12 17	1 45	25 52	2 34	10 20	1 52	22 39	0 0	7 58	2 44	10 21	0 47	20 3	0 19	12 36	17 21	6 36	6 3	5 27	10 12	0 21
M17	18 54	12 42	4 42	12 51	1 39	25 48	2 35	10 9	1 53	22 39	0 0	7 57	2 44	10 21	0 47	20 4	0 19	12 36	17 20	6 35	6 2	5 28	10 11	0 21
T 18	19 9	9 31	4 7	13 26	1 33	25 44	2 36	9 58	1 54	22 40	0 1	7 55	2 44	10 21	0 47	20 4	0 19	12 36	17 20	6 35	6 1	5 30	10 10	0 21
W19	19 23	6 0	3 22	14 0	1 27	25 39	2 36	9 47	1 54	22 40	0 1	7 54	2 44	10 20	0 47	20 4	0 19	12 36	17 20	6 35	6 0	5 32	10 9	0 21
T 20	19 37	2 17	2 28	14 34	1 20	25 33	2 37	9 37	1 55	22 41	0 1	7 53	2 43	10 20	0 47	20 4	0 19	12 36	17 19	6 35	5 59	5 34	10 8	0 21
F 21	19 51	1n29	1 28	15 8	1 13	25 27	2 37	9 26	1 56	22 41	0 1	7 52	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 57	5 36	10 7	0 21
S 22	20 4	5 11	0 25	15 41	1 7	25 20	2 37	9 15	1 57	22 42	0 1	7 51	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 56	5 37	10 6	0 21
S 23	20 17	8 42	0s39	16 14	1 0	25 13	2 37	9 5	1 58	22 42	0 1	7 49	2 43	10 20	0 46	20 4	0 19	12 36	17 19	6 36	5 55	5 39	10 5	0 21
M24	20 30	11 54	1 41	16 46	0 53	25 4	2 37	8 54	1 59	22 43	0 1	7 48	2 43	10 20	0 46	20 4	0 19	12 36	17 18	6 36	5 54	5 41	10 4	0 22
T 25	20 42	14 38	2 40	17 17	0 46	24 55	2 37	8 44	2 0	22 43	0 2	7 47	2 42	10 19	0 46	20 5	0 19	12 36	17 18	6 34	5 52	5 43	10 3	0 22
W26	20 54	16 45	3 33	17 48	0 39	24 45	2 36	8 33	2 1	22 44	0 2	7 46	2 42	10 19	0 46	20 5	0 19	12 36	17 18	6 31	5 51	5 44	10 2	0 22
T 27	21 5	18 8	4 16	18 19	0 32	24 35	2 36	8 23	2 2	22 45	0 2	7 45	2 42	10 19	0 46	20 5	0 19	12 36	17 17	6 28	5 50	5 46	10 1	0 22
F 28	21 16	18 38	4 47	18 48	0 25	24 24	2 35	8 13	2 3	22 45	0 2	7 44	2 42	10 19	0 46	20 5	0 19	12 36	17 17	6 25	5 49	5 48	10 1	0 22
S 29	21 27	18 11	5 4	19 17	0 18	24 13	2 35	8 2	2 4	22 46	0 2	7 43	2 41	10 18	0 46	20 5	0 19	12 36	17 17	6 21	5 48	5 50	10 0	0 22
S 30	21s37	16n47	5s 5	19s44	0n11	24s 0	2s34	7n52	2n 5	22n47	0n 2	7n43	2s41	10s18	0s46	20n 6	0s19	12s35	17s16	6s18	5s46	5n51	9n59	0s22

Julian Day Number = 2300638.5, Delta T = 108.40 sec
Ecliptic obliquity = 23°29'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'27, Lahiri = 18°05'27Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1586
geocentric

DECEMBER 1586 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 47	8♐33'54	4♌26	0♐16	24♑25	15♍24	14°R 1	26°R22	5♓19	29°R 1	8°R12	15°R52	14♎34	15♈ 0	26°R41	M 1
T 2	4 41 43	9°34'51	17°54	1°49	25°32	15°52	13♋56	26♈19	5°20	29♋ 0	8♈11	15♎47	14°30	15° 7	26♈39	T 2
W 3	4 45 40	10°35'50	1♍34	3°23	26°39	16°20	13°50	26°17	5°21	28°59	8°11	15°45	14°27	15°14	26°37	W 3
T 4	4 49 36	11°36'49	15°27	4°57	27°46	16°48	13°44	26°14	5°22	28°58	8°11	15°D44	14°24	15°20	26°35	T 4
F 5	4 53 33	12°37'50	29°32	6°30	28°53	17°16	13°38	26°11	5°23	28°57	8°10	15°45	14°21	15°27	26°33	F 5
S 6	4 57 29	13°38'52	13♎49	8° 4	29°59	17°43	13°32	26° 9	5°24	28°56	8°10	15°R46	14°18	15°33	26°31	S 6
S 7	5 1 26	14°39'55	28°16	9°38	1♒ 6	18°10	13°26	26° 7	5°25	28°55	8° 9	15°45	14°15	15°40	26°30	S 7
M 8	5 5 22	15°40'59	12♏50	11°12	2°12	18°37	13°20	26° 4	5°26	28°54	8° 9	15°42	14°11	15°47	26°28	M 8
T 9	5 9 19	16°42'04	27°26	12°46	3°18	19° 4	13°13	26° 2	5°27	28°53	8° 9	15°37	14° 8	15°53	26°26	T 9
W10	5 13 16	17°43'10	11♐56	14°20	4°24	19°31	13° 6	26° 0	5°29	28°52	8° 8	15°28	14° 5	16° 0	26°25	W10
T 11	5 17 12	18°44'16	26°15	15°54	5°29	19°57	13° 0	25°58	5°30	28°50	8° 8	15°18	14° 2	16° 7	26°23	T 11
F 12	5 21 9	19°45'23	10♑15	17°28	6°35	20°23	12°53	25°56	5°31	28°49	8° 8	15° 7	13°59	16°13	26°22	F 12
S 13	5 25 5	20°46'31	23°54	19° 3	7°40	20°49	12°46	25°54	5°33	28°48	8° 8	14°56	13°55	16°20	26°20	S 13
S 14	5 29 2	21°47'39	7♒ 8	20°38	8°44	21°15	12°39	25°53	5°34	28°47	8° 7	14°47	13°52	16°27	26°19	S 14
M15	5 32 58	22°48'47	19°57	22°12	9°49	21°40	12°32	25°51	5°36	28°45	8° 7	14°39	13°49	16°33	26°17	M15
T 16	5 36 55	23°49'56	2♓25	23°47	10°53	22° 5	12°24	25°50	5°37	28°44	8° 7	14°35	13°46	16°40	26°16	T 16
W17	5 40 51	24°51'05	14°34	25°23	11°57	22°30	12°17	25°48	5°39	28°43	8° 7	14°32	13°43	16°47	26°15	W17
T 18	5 44 48	25°52'13	26°31	26°58	13° 0	22°54	12° 9	25°47	5°40	28°41	8° 7	14°D32	13°40	16°53	26°14	T 18
F 19	5 48 45	26°53'22	8♈20	28°34	14° 4	23°19	12° 2	25°46	5°42	28°40	8° 7	14°R32	13°36	17° 0	26°13	F 19
S 20	5 52 41	27°54'31	20° 7	0♑10	15° 6	23°43	11°54	25°45	5°44	28°39	8° 7	14°32	13°33	17° 7	26°12	S 20
S 21	5 56 38	28°55'40	1♉58	1°46	16° 9	24° 6	11°47	25°44	5°46	28°37	8° 7	14°31	13°30	17°13	26°11	S 21
M22	6 0 34	29°56'50	13°56	3°22	17°11	24°30	11°39	25°43	5°47	28°36	8° 7	14°27	13°27	17°20	26°10	M22
T 23	6 4 31	0♑57'59	26° 7	4°59	18°13	24°53	11°31	25°43	5°49	28°34	8°D 7	14°21	13°24	17°26	26° 9	T 23
W24	6 8 27	1°59'08	8♊33	6°36	19°14	25°16	11°23	25°42	5°51	28°33	8° 7	14°11	13°21	17°33	26° 8	W24
T 25	6 12 24	3° 0'17	21°16	8°13	20°15	25°38	11°15	25°42	5°53	28°31	8° 7	14° 0	13°17	17°40	26° 7	T 25
F 26	6 16 21	4° 1'27	4♋16	9°50	21°16	26° 0	11° 7	25°41	5°55	28°30	8° 7	13°46	13°14	17°46	26° 7	F 26
S 27	6 20 17	5° 2'36	17°31	11°28	22°16	26°22	10°59	25°41	5°57	28°28	8° 7	13°33	13°11	17°53	26° 6	S 27
S 28	6 24 14	6° 3'46	1♌ 0	13° 6	23°15	26°44	10°51	25°41	5°59	28°27	8° 7	13°20	13° 8	18° 0	26° 5	S 28
M29	6 28 10	7° 4'55	14°39	14°44	24°15	27° 5	10°43	25°D41	6° 1	28°25	8° 7	13°10	13° 5	18° 6	26° 5	M29
T 30	6 32 7	8° 6'05	28°27	16°23	25°13	27°25	10°35	25°41	6° 3	28°24	8° 7	13° 3	13° 1	18°13	26° 4	T 30
W31	6 36 3	9♑ 7'15	12♍21	18♑ 1	26♒11	27♍46	10♋27	25♈41	6♓ 6	28♋22	8♈ 7	12♎58	12♎58	18♈20	26♈ 4	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	21s47	14n29	4s51	20s11	0n 4	23s47	2s33	7n42	2n 6	22n47	0n 2	7n42	2s41	10s18	0s46	20n 6	0s19	12s35	17s16	6s15	5s45	5n53	9n58	0s22
T 2	21 56	11 22	4 20	20 37	0s 3	23 34	2 32	7 32	2 7	22 48	0 3	7 41	2 41	10 17	0 46	20 6	0 19	12 35	17 16	6 13	5 44	5 55	9 57	0 22
W 3	22 5	7 36	3 34	21 2	0 10	23 20	2 31	7 22	2 8	22 49	0 3	7 40	2 41	10 17	0 46	20 6	0 19	12 35	17 15	6 13	5 43	5 57	9 57	0 22
T 4	22 14	3 22	2 35	21 27	0 17	23 5	2 29	7 12	2 9	22 50	0 3	7 39	2 40	10 17	0 46	20 6	0 19	12 35	17 15	6 12	5 41	5 58	9 56	0 22
F 5	22 22	1s 8	1 26	21 50	0 23	22 50	2 28	7 2	2 10	22 50	0 3	7 39	2 40	10 16	0 46	20 7	0 19	12 35	17 15	6 13	5 40	6 0	9 55	0 22
S 6	22 29	5 37	0 10	22 12	0 30	22 34	2 26	6 52	2 11	22 51	0 3	7 38	2 40	10 16	0 46	20 7	0 19	12 35	17 14	6 13	5 39	6 2	9 54	0 22
S 7	22 36	9 51	1n 7	22 32	0 36	22 18	2 24	6 42	2 12	22 52	0 3	7 37	2 40	10 15	0 46	20 7	0 19	12 35	17 14	6 13	5 38	6 4	9 54	0 22
M 8	22 43	13 30	2 20	22 52	0 43	22 1	2 22	6 33	2 13	22 53	0 3	7 37	2 39	10 15	0 46	20 7	0 19	12 34	17 14	6 12	5 36	6 5	9 53	0 23
T 9	22 49	16 19	3 23	23 11	0 49	21 44	2 20	6 23	2 14	22 53	0 4	7 36	2 39	10 14	0 46	20 7	0 19	12 34	17 13	6 9	5 35	6 7	9 52	0 23
W10	22 55	18 5	4 14	23 28	0 55	21 26	2 18	6 13	2 15	22 54	0 4	7 36	2 39	10 14	0 46	20 8	0 19	12 34	17 13	6 6	5 34	6 9	9 52	0 23
T 11	23 1	18 39	4 47	23 45	1 1	21 8	2 15	6 4	2 16	22 55	0 4	7 35	2 38	10 13	0 46	20 8	0 19	12 34	17 13	6 2	5 33	6 11	9 51	0 23
F 12	23 6	18 4	5 2	24 0	1 6	20 49	2 13	5 55	2 17	22 56	0 4	7 35	2 38	10 13	0 46	20 8	0 19	12 34	17 12	5 58	5 31	6 12	9 50	0 23
S 13	23 10	16 27	5 0	24 14	1 12	20 29	2 10	5 45	2 18	22 57	0 4	7 35	2 38	10 12	0 46	20 8	0 19	12 33	17 12	5 54	5 30	6 14	9 50	0 23
S 14	23 14	14 0	4 41	24 26	1 17	20 10	2 7	5 36	2 19	22 58	0 4	7 34	2 38	10 12	0 46	20 9	0 19	12 33	17 12	5 50	5 29	6 16	9 49	0 23
M15	23 18	10 56	4 8	24 38	1 22	19 49	2 4	5 27	2 20	22 58	0 4	7 34	2 37	10 11	0 46	20 9	0 19	12 33	17 11	5 47	5 28	6 18	9 49	0 23
T 16	23 21	7 27	3 25	24 48	1 27	19 29	2 1	5 18	2 21	22 59	0 5	7 34	2 37	10 11	0 46	20 9	0 19	12 33	17 11	5 45	5 27	6 19	9 48	0 23
W17	23 23	3 44	2 32	24 56	1 32	19 8	1 58	5 9	2 22	23 0	0 5	7 33	2 37	10 10	0 45	20 10	0 19	12 32	17 11	5 45	5 25	6 21	9 48	0 23
T 18	23 26	0n 3	1 34	25 4	1 36	18 46	1 54	5 1	2 23	23 1	0 5	7 33	2 37	10 9	0 45	20 10	0 19	12 32	17 10	5 44	5 24	6 23	9 47	0 23
F 19	23 27	3 49	0 33	25 10	1 41	18 25	1 51	4 52	2 24	23 2	0 5	7 33	2 36	10 9	0 45	20 10	0 19	12 32	17 10	5 44	5 23	6 25	9 47	0 23
S 20	23 28	7 25	0s30	25 14	1 45	18 3	1 47	4 44	2 25	23 3	0 5	7 33	2 36	10 8	0 45	20 10	0 19	12 31	17 9	5 44	5 22	6 26	9 46	0 23
S 21	23 29	10 45	1 31	25 17	1 48	17 40	1 43	4 35	2 27	23 3	0 5	7 33	2 36	10 7	0 45	20 11	0 19	12 31	17 9	5 44	5 20	6 28	9 46	0 23
M22	23 29	13 41	2 29	25 19	1 52	17 17	1 39	4 27	2 28	23 4	0 5	7 33	2 35	10 7	0 45	20 11	0 19	12 31	17 9	5 43	5 19	6 30	9 45	0 23
T 23	23 29	16 3	3 22	25 19	1 55	16 54	1 35	4 19	2 29	23 5	0 6	7 33	2 35	10 6	0 45	20 11	0 19	12 30	17 8	5 40	5 18	6 32	9 45	0 24
W24	23 29	17 44	4 5	25 17	1 58	16 31	1 30	4 11	2 30	23 6	0 6	7 33	2 35	10 5	0 45	20 12	0 19	12 30	17 8	5 36	5 17	6 33	9 45	0 24
T 25	23 27	18 35	4 38	25 14	2 0	16 7	1 25	4 3	2 31	23 7	0 6	7 33	2 35	10 4	0 45	20 12	0 19	12 30	17 8	5 32	5 15	6 35	9 44	0 24
F 26	23 26	18 29	4 56	25 10	2 3	15 43	1 21	3 55	2 32	23 7	0 6	7 33	2 34	10 4	0 45	20 12	0 19	12 29	17 7	5 27	5 14	6 37	9 44	0 24
S 27	23 24	17 23	5 0	25 4	2 5	15 19	1 16	3 48	2 33	23 8	0 6	7 33	2 34	10 3	0 45	20 13	0 18	12 29	17 7	5 21	5 13	6 38	9 44	0 24
S 28	23 21	15 19	4 47	24 56	2 6	14 54	1 10	3 40	2 35	23 9	0 6	7 34	2 34	10 2	0 45	20 13	0 18	12 29	17 7	5 17	5 12	6 40	9 44	0 24
M29	23 18	12 22	4 17	24 47	2 7	14 29	1 5	3 33	2 36	23 10	0 6	7 34	2 33	10 1	0 45	20 13	0 18	12 28	17 6	5 13	5 10	6 42	9 43	0 24
T 30	23 15	8 43	3 32	24 36	2 8	14 5	1 0	3 26	2 37	23 11	0 7	7 34	2 33	10 0	0 45	20 13	0 18	12 28	17 6	5 10	5 9	6 44	9 43	0 24
W31	23s11	4n34	2s34	24s23	2s 8	13s39	0s54	3n18	2n38	23n11	0n 7	7n35	2s33	10s 0	0s45	20n14	0s18	12s27	17s 5	5s 8	5s 8	6n45	9n43	0s24

Julian Day Number = 2300668.5, Delta T = 108.27 sec
Ecliptic obliquity = 23°29'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°58'31, Lahiri = 18°05'32Greg. Calendar