



Astrodienst Ephemeris Tables for the year 1546

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 EPHEMERIS for the year 1546

geocentric

JANUARY 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 19 10	20 ³ 17'40	27 ² 58	16 ³ 57	16 ² 13	28 ¹ 32	16 ³ 6	19 ² 36	14 ¹ R 6	24 ¹ 35	19 ² 52	26 ¹ R37	25 ² 23	1 ¹ 11	1 ¹ R56	F 1
S 2	7 23 7	21°18'48	12 ³ 27	18°36	17°26	29°12	16°20	19°42	14 ¹ 11 5	24°35	19°53	26 ² 36	25°20	1°18	1 ¹ 54	S 2
S 3	7 27 3	22°19'56	27°15	20°15	18°40	29°52	16°34	19°49	14° 4	24°36	19°55	26°34	25°17	1°25	1°52	S 3
M 4	7 31 0	23°21'03	12 ² 14	21°55	19°54	0 ² 32	16°48	19°55	14° 2	24°36	19°56	26°31	25°13	1°31	1°50	M 4
T 5	7 34 56	24°22'09	27°14	23°35	21° 8	1°12	17° 2	20° 1	14° 1	24°36	19°58	26°27	25°10	1°38	1°48	T 5
W 6	7 38 53	25°23'14	12 ¹ 7	25°16	22°22	1°52	17°16	20° 7	14° 0	24°37	19°59	26°22	25° 7	1°45	1°46	W 6
T 7	7 42 49	26°24'18	26°46	26°57	23°35	2°32	17°30	20°13	13°58	24°37	20° 1	26°19	25° 4	1°52	1°45	T 7
F 8	7 46 46	27°25'21	11 ¹ 5	28°39	24°49	3°12	17°44	20°20	13°57	24°38	20° 3	26°16	25° 1	1°58	1°43	F 8
S 9	7 50 43	28°26'23	25° 2	0 ² 21	26° 3	3°52	17°58	20°26	13°55	24°38	20° 4	26°D15	24°58	2° 5	1°42	S 9
S 10	7 54 39	29°27'24	8 ³ 37	2° 5	27°17	4°32	18°12	20°32	13°53	24°38	20° 6	26°16	24°54	2°12	1°40	S 10
M 11	7 58 36	0 ² 28'24	21°51	3°48	28°31	5°12	18°26	20°38	13°52	24°39	20° 8	26°17	24°51	2°18	1°39	M 11
T 12	8 2 32	1°29'22	4 ¹ 47	5°32	29°45	5°52	18°40	20°44	13°50	24°40	20° 9	26°19	24°48	2°25	1°38	T 12
W 13	8 6 29	2°30'19	17°27	7°17	0 ³ 59	6°32	18°54	20°49	13°48	24°40	20°11	26°20	24°45	2°32	1°36	W 13
T 14	8 10 25	3°31'16	29°55	9° 3	2°13	7°12	19° 8	20°55	13°47	24°41	20°13	26°R20	24°42	2°39	1°35	T 14
F 15	8 14 22	4°32'11	12 ² 12	10°48	3°27	7°52	19°22	21° 1	13°45	24°42	20°14	26°19	24°38	2°45	1°34	F 15
S 16	8 18 18	5°33'04	24°21	12°34	4°41	8°33	19°35	21° 7	13°43	24°42	20°16	26°15	24°35	2°52	1°33	S 16
S 17	8 22 15	6°33'57	6 ¹ 24	14°21	5°55	9°13	19°49	21°12	13°41	24°43	20°18	26°10	24°32	2°59	1°32	S 17
M 18	8 26 12	7°34'48	18°21	16° 7	7° 9	9°53	20° 3	21°18	13°39	24°44	20°19	26° 3	24°29	3° 5	1°31	M 18
T 19	8 30 8	8°35'39	0 ¹ 15	17°54	8°23	10°33	20°17	21°24	13°37	24°45	20°21	25°55	24°26	3°12	1°31	T 19
W 20	8 34 5	9°36'28	12° 7	19°41	9°37	11°13	20°30	21°29	13°35	24°45	20°23	25°46	24°23	3°19	1°30	W 20
T 21	8 38 1	10°37'16	23°59	21°28	10°51	11°53	20°44	21°34	13°33	24°46	20°24	25°37	24°19	3°25	1°29	T 21
F 22	8 41 58	11°38'03	5 ² 54	23°14	12° 5	12°34	20°58	21°40	13°31	24°47	20°26	25°30	24°16	3°32	1°29	F 22
S 23	8 45 54	12°38'49	17°54	24°59	13°19	13°14	21°11	21°45	13°29	24°48	20°28	25°25	24°13	3°39	1°28	S 23
S 24	8 49 51	13°39'33	0 ¹ 4	26°44	14°33	13°54	21°25	21°50	13°27	24°49	20°29	25°22	24°10	3°46	1°28	S 24
M 25	8 53 47	14°40'17	12°28	28°27	15°48	14°34	21°38	21°56	13°25	24°50	20°31	25°D21	24° 7	3°52	1°28	M 25
T 26	8 57 44	15°41'00	25°11	0 ¹ 9	17° 2	15°14	21°52	22° 1	13°23	24°51	20°33	25°21	24° 4	3°59	1°27	T 26
W 27	9 1 41	16°41'42	8 ² 16	1°49	18°16	15°55	22° 5	22° 6	13°20	24°52	20°35	25°22	24° 0	4° 6	1°27	W 27
T 28	9 5 37	17°42'22	21°49	3°27	19°30	16°35	22°19	22°11	13°18	24°53	20°36	25°R23	23°57	4°12	1°27	T 28
F 29	9 9 34	18°43'02	5 ³ 50	5° 1	20°44	17°15	22°32	22°16	13°16	24°54	20°38	25°23	23°54	4°19	1°D27	F 29
S 30	9 13 30	19°43'40	20°19	6°32	21°58	17°55	22°46	22°20	13°13	24°55	20°40	25°20	23°51	4°26	1°27	S 30
S 31	9 17 27	20°44'17	5 ² 13	7 ¹ 59	23 ³ 13	18 ² 36	22 ³ 59	22 ² 25	13 ¹ 11	24 ¹ 57	20°42	25°15	23°48	4 ¹ 33	1 ¹ 27	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21s58	23s21	0n 7	24s15	1s51	21s25	1n23	19s28	0n26	22s42	0s11	21s50	1n16	7n 0	0n48	F 1
S 2	21 48	21 29	1 26	24 5	1 54	21 34	1 20	19 37	0 25	22 41	0 11	21 51	1 16	7 1	0 48	S 2
S 3	21 39	18 8	2 40	23 53	1 56	21 44	1 18	19 47	0 24	22 39	0 11	21 51	1 16	7 1	0 48	S 3
M 4	21 38	13 35	3 45	23 40	1 59	21 52	1 15	19 56	0 24	22 38	0 11	21 51	1 16	7 2	0 48	M 4
T 5	21 18	8 11	4 33	23 25	2 1	22 0	1 12	20 5	0 23	22 36	0 11	21 52	1 16	7 2	0 48	T 5
W 6	21 7	2 21	5 3	23 8	2 2	22 7	1 9	20 13	0 22	22 34	0 11	21 52	1 16	7 3	0 48	W 6
T 7	20 55	3n30	5 13	22 50	2 3	22 14	1 7	20 22	0 22	22 32	0 12	21 53	1 16	7 4	0 48	T 7
F 8	20 44	9 2	5 3	22 30	2 4	22 20	1 4	20 30	0 21	22 31	0 12	21 53	1 16	7 4	0 48	F 8
S 9	20 31	13 58	4 34	22 9	2 5	22 25	1 1	20 39	0 20	22 29	0 12	21 54	1 16	7 5	0 48	S 9
S 10	20 19	18 4	3 52	21 46	2 5	22 30	0 58	20 47	0 20	22 27	0 12	21 54	1 16	7 5	0 48	S 10
M 11	20 6	21 7	2 57	21 21	2 4	22 34	0 55	20 55	0 19	22 25	0 12	21 55	1 16	7 6	0 48	M 11
T 12	19 53	23 2	1 55	20 55	2 3	22 37	0 52	21 2	0 18	22 24	0 12	21 55	1 16	7 7	0 48	T 12
W 13	19 39	23 42	0 48	20 27	2 2	22 40	0 50	21 10	0 17	22 22	0 12	21 55	1 16	7 8	0 48	W 13
T 14	19 25	13 10	0s20	19 58	2 0	22 42	0 47	21 17	0 17	22 20	0 12	21 56	1 16	7 8	0 48	T 14
F 15	19 10	21 31	1 25	19 27	1 57	22 43	0 44	21 25	0 16	22 18	0 12	21 56	1 16	7 9	0 48	F 15
S 16	18 56	18 54	2 26	18 54	1 54	22 44	0 41	21 32	0 15	22 16	0 13	21 56	1 16	7 10	0 48	S 16
S 17	18 41	15 29	3 20	18 20	1 50	22 44	0 38	21 39	0 15	22 14	0 13	21 57	1 16	7 10	0 48	S 17
M 18	18 25	11 29	4 5	17 44	1 46	22 43	0 35	21 46	0 14	22 12	0 13	21 57	1 16	7 11	0 48	M 18
T 19	18 9	7 4	4 38	17 7	1 41	22 42	0 32	21 52	0 13	22 10	0 13	21 57	1 16	7 12	0 48	T 19
W 20	17 53	2 25	4 59	16 28	1 36	22 40	0 29	21 59	0 12	22 9	0 13	21 58	1 16	7 13	0 48	W 20
T 21	17 37	2s19	5 8	15 48	1 30	22 37	0 26	22 5	0 11	22 7	0 13	21 58	1 16	7 14	0 48	T 21
F 22	17 20	6 59	5 3	15 7	1 23	22 34	0 23	22 11	0 11	22 5	0 13	21 58	1 16	7 14	0 48	F 22
S 23	17 3	11 25	4 45	14 24	1 15	22 30	0 20	22 17	0 10	22 3	0 13	21 59	1 16	7 15	0 48	S 23
S 24	16 46	15 28	4 14	13 41	1 7	22 25	0 17	22 22	0 9	22 1	0 13	21 59	1 16	7 16	0 49	S 24
M 25	16 28	18 57	3 30	12 57	0 58	22 19	0 14	22 28	0 8	21 59	0 14	21 59	1 16	7 17	0 49	M 25
T 26	16 10	21 37	2 35	12 12	0 48	22 13	0 11	22 33	0 8	21 57	0 14	22 0	1 16	7 18	0 49	T 26
W 27	15 52	23 14	1 31	11 26	0 38	22 7	0 8	22 38	0 7	21 54	0 14	22 0	1 16	7 19	0 49	W 27
T 28	15 34	23 34	0 19	10 41	0 27	21 59	0 6	22 43	0 6	21 52	0 14	22 0	1 16	7 20	0 49	T 28
F 29	15 15	22 26	0n56	9 55	0 15	21 51	0 3	22 48	0 5	21 50	0 14	22 0	1 16	7 20	0 49	F 29
S 30	14 56	19 49	2 10	9 10	0 2	21 42	0s 0	22 53	0 4	21 48	0 14	22 1	1 16	7 21	0 49	S 30
S 31	14s37	15s50	3n17	8s25	0n11	21s33	0s 3	22s57	0n 3	21s46	0s14	22s 1	1n16	7n22	0n49	S 31

Julian Day Number = 2285734.5, Delta T = 188.59 sec

Ecliptic obliquity = 23°29'53, Nutation = 0°00'18, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°24'19, Lahiri = 17°31'19 Julian Calendar 1 Jan. 1546 == Greg. Calendar 11 Jan. 1546

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geocentric

FEBRUARY 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	9 21 23	21 ⁴⁴ 52	20 ²⁴	9 ²¹	24 ²⁷	19 ¹⁶	23 ¹²	22 ³⁰	13 ^{R 9}	24 ⁵⁸	20 ⁴³	25 ^{R 8}	23 ⁴⁴	4 ³⁹	1 ²⁸	M 1
T 2	9 25 20	22 ⁴⁵ 26	5 ⁴²	10 ³⁸	25 ⁴¹	19 ⁵⁶	23 ²⁵	22 ³⁵	13 ⁶	24 ⁵⁹	20 ⁴⁵	24 ⁵⁹	23 ⁴¹	4 ⁴⁶	1 ²⁸	T 2
W 3	9 29 16	23 ⁴⁵ 57	20 ⁵⁷	11 ⁴⁸	26 ⁵⁵	20 ³⁷	23 ³⁸	22 ³⁹	13 ⁴	25 ⁰	20 ⁴⁷	24 ⁵⁰	23 ³⁸	4 ⁵³	1 ²⁸	W 3
T 4	9 33 13	24 ⁴⁶ 28	5 ⁵⁶	12 ⁵²	28 ⁹	21 ¹⁷	23 ⁵²	22 ⁴⁴	13 ²	25 ²	20 ⁴⁸	24 ⁴¹	23 ³⁵	5 ⁰	1 ²⁹	T 4
F 5	9 37 10	25 ⁴⁶ 56	20 ³³	13 ⁴⁸	29 ²⁴	21 ⁵⁷	24 ⁵	22 ⁴⁸	12 ⁵⁹	25 ³	20 ⁵⁰	24 ³⁴	23 ³²	5 ⁶	1 ²⁹	F 5
S 6	9 41 6	26 ⁴⁷ 22	4 ⁴³	14 ³⁶	0 ³⁸	22 ³⁷	24 ¹⁸	22 ⁵²	12 ⁵⁷	25 ⁴	20 ⁵²	24 ³⁰	23 ²⁹	5 ¹³	1 ³⁰	S 6
S 7	9 45 3	27 ⁴⁷ 47	18 ²⁴	15 ¹⁵	1 ⁵²	23 ¹⁸	24 ³⁰	22 ⁵⁷	12 ⁵⁴	25 ⁶	20 ⁵⁴	24 ²⁸	23 ²⁵	5 ²⁰	1 ³¹	S 7
M 8	9 48 59	28 ⁴⁸ 10	1 ³⁸	15 ⁴⁶	3 ⁶	23 ⁵⁸	24 ⁴³	23 ¹	12 ⁵²	25 ⁷	20 ⁵⁵	24 ^{D27}	23 ²²	5 ²⁶	1 ³¹	M 8
T 9	9 52 56	29 ⁴⁸ 30	14 ²⁹	16 ⁶	4 ²¹	24 ³⁸	24 ⁵⁶	23 ⁵	12 ⁴⁹	25 ⁹	20 ⁵⁷	24 ²⁸	23 ¹⁹	5 ³³	1 ³²	T 9
W10	9 56 52	0 ⁴⁸ 49	27 ¹	16 ¹⁷	5 ³⁵	25 ¹⁹	25 ⁹	23 ⁹	12 ⁴⁷	25 ¹⁰	20 ⁵⁹	24 ^{R28}	23 ¹⁶	5 ⁴⁰	1 ³³	W10
T 11	10 0 49	1 ⁴⁹ 05	9 ¹⁸	16 ^{R19}	6 ⁴⁹	25 ⁵⁹	25 ²²	23 ¹³	12 ⁴⁴	25 ¹²	21 ¹	24 ²⁷	23 ¹³	5 ⁴⁷	1 ³⁴	T 11
F 12	10 4 45	2 ⁴⁹ 20	21 ²⁴	16 ¹⁰	8 ³	26 ³⁹	25 ³⁴	23 ¹⁷	12 ⁴²	25 ¹³	21 ²	24 ²⁴	23 ¹⁰	5 ⁵³	1 ³⁵	F 12
S 13	10 8 42	3 ⁴⁹ 32	3 ²³	15 ⁵²	9 ¹⁷	27 ¹⁹	25 ⁴⁷	23 ²⁰	12 ³⁹	25 ¹⁵	21 ⁴	24 ¹⁷	23 ⁶	6 ⁰	1 ³⁶	S 13
S 14	10 12 39	4 ⁴⁹ 43	15 ¹⁸	15 ²⁶	10 ³²	28 ⁰	25 ⁵⁹	23 ²⁴	12 ³⁶	25 ¹⁶	21 ⁶	24 ⁸	23 ³	6 ⁷	1 ³⁷	S 14
M15	10 16 35	5 ⁴⁹ 51	27 ¹⁰	14 ⁵¹	11 ⁴⁶	28 ⁴⁰	26 ¹²	23 ²⁸	12 ³⁴	25 ¹⁸	21 ⁷	23 ⁵⁷	23 ⁰	6 ¹³	1 ³⁹	M15
T 16	10 20 32	6 ⁴⁹ 58	9 ²	14 ⁹	13 ⁰	29 ²⁰	26 ²⁴	23 ³¹	12 ³¹	25 ¹⁹	21 ⁹	23 ⁴⁴	22 ⁵⁷	6 ²⁰	1 ⁴⁰	T 16
W17	10 24 28	7 ⁵⁰ 03	20 ⁵⁶	13 ²⁰	14 ¹⁴	0 ¹	26 ³⁶	23 ³⁵	12 ²⁹	25 ²¹	21 ¹¹	23 ²⁹	22 ⁵⁴	6 ²⁷	1 ⁴²	W17
T 18	10 28 25	8 ⁵⁰ 06	2 ⁵¹	12 ²⁷	15 ²⁹	0 ⁴¹	26 ⁴⁹	23 ³⁸	12 ²⁶	25 ²³	21 ¹²	23 ¹⁶	22 ⁵⁰	6 ³⁴	1 ⁴³	T 18
F 19	10 32 21	9 ⁵⁰ 07	14 ⁵⁰	11 ²⁹	16 ⁴³	1 ²¹	27 ¹	23 ⁴¹	12 ²³	25 ²⁴	21 ¹⁴	23 ⁴	22 ⁴⁷	6 ⁴⁰	1 ⁴⁵	F 19
S 20	10 36 18	10 ⁵⁰ 06	26 ⁵⁵	10 ³⁰	17 ⁵⁷	2 ²	27 ¹³	23 ⁴⁴	12 ²¹	25 ²⁶	21 ¹⁶	22 ⁵⁴	22 ⁴⁴	6 ⁴⁷	1 ⁴⁶	S 20
S 21	10 40 14	11 ⁵⁰ 04	9 ¹⁸	9 ³⁰	19 ¹¹	2 ⁴²	27 ²⁵	23 ⁴⁸	12 ¹⁸	25 ²⁸	21 ¹⁷	22 ⁴⁷	22 ⁴¹	6 ⁵⁴	1 ⁴⁸	S 21
M22	10 44 11	12 ⁵⁰ 00	21 ³²	8 ³⁰	20 ²⁵	3 ²³	27 ³⁷	23 ⁵¹	12 ¹⁵	25 ³⁰	21 ¹⁹	22 ⁴³	22 ³⁸	7 ⁰	1 ⁵⁰	M22
T 23	10 48 8	13 ⁴⁹ 55	4 ²¹	7 ³²	21 ⁴⁰	4 ³	27 ⁴⁹	23 ⁵³	12 ¹³	25 ³¹	21 ²¹	22 ⁴²	22 ³⁵	7 ⁷	1 ⁵²	T 23
W24	10 52 4	14 ⁴⁹ 47	17 ¹²	6 ³⁷	22 ⁵⁴	4 ⁴³	28 ⁰	23 ⁵⁶	12 ¹⁰	25 ³³	21 ²²	22 ⁴²	22 ³¹	7 ¹⁴	1 ⁵⁴	W24
T 25	10 56 1	15 ⁴⁹ 38	0 ³⁵	5 ⁴⁶	24 ⁸	5 ²⁴	28 ¹²	23 ⁵⁹	12 ⁸	25 ³⁵	21 ²⁴	22 ⁴¹	22 ²⁸	7 ²¹	1 ⁵⁶	T 25
F 26	10 59 57	16 ⁴⁹ 28	14 ²⁵	4 ⁵⁹	25 ²²	6 ⁴	28 ²⁴	24 ²	12 ⁵	25 ³⁷	21 ²⁵	22 ⁴⁰	22 ²⁵	7 ²⁷	1 ⁵⁸	F 26
S 27	11 3 54	17 ⁴⁹ 15	28 ⁴²	4 ¹⁸	26 ³⁷	6 ⁴⁴	28 ³⁵	24 ⁴	12 ²	25 ³⁹	21 ²⁷	22 ³⁷	22 ²²	7 ³⁴	2 ⁰	S 27
S 28	11 7 50	18 ⁴⁹ 01	13 ²⁶	3 ⁴³	27 ⁵¹	7 ²⁵	28 ⁴⁷	24 ⁷	12 ⁰	25 ⁴¹	21 ²⁹	22 ³¹	22 ¹⁹	7 ⁴¹	2 ²	S 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s17	10s45	4n11	7s42	0n25	21s23	0s6	23s1	0n2	21s44	0s14	22s1	1n16	7n23	0n49	8n3	1s45	24s13	10s10	23s24	23s21	5n18	16n2	4s34					
T 2	13 58	4 59	4 48	6 59	0 39	21 12	0 9	23 5	0 2	21 42	0 14	22 1	1 16	7 24	0 49	8 4	1 45	24 13	10 10	23 24	23 21	5 15	16 3	4 33					
W 3	13 38	1n3	5 4	6 19	0 54	21 1	0 11	23 9	0 1	21 40	0 15	22 1	1 16	7 25	0 49	8 4	1 45	24 12	10 10	23 24	23 21	5 12	16 3	4 33					
T 4	13 18	6 56	4 59	5 41	1 9	20 49	0 14	23 13	0s0	21 38	0 15	22 2	1 16	7 26	0 49	8 5	1 45	24 12	10 10	23 23	23 21	5 10	16 3	4 33					
F 5	12 57	12 16	4 34	5 5	1 25	20 36	0 17	23 16	0 1	21 35	0 15	22 2	1 16	7 27	0 49	8 5	1 45	24 11	10 10	23 23	23 20	5 7	16 4	4 33					
S 6	12 37	16 47	3 53	4 32	1 40	20 23	0 20	23 20	0 2	21 33	0 15	22 2	1 16	7 28	0 49	8 6	1 45	24 11	10 10	23 23	23 20	5 4	16 4	4 32					
S 7	12 16	20 14	3 0	4 3	1 56	20 9	0 22	23 23	0 3	21 31	0 15	22 2	1 16	7 29	0 49	8 6	1 45	24 10	10 10	23 23	23 20	5 2	16 4	4 32					
M 8	11 55	22 29	1 59	3 37	2 11	19 55	0 25	23 25	0 4	21 29	0 15	22 2	1 17	7 30	0 49	8 7	1 45	24 10	10 10	23 23	23 20	4 59	16 5	4 32					
T 9	11 34	23 28	0 53	3 16	2 25	19 40	0 27	23 28	0 5	21 27	0 15	22 3	1 17	7 31	0 49	8 7	1 45	24 9	10 10	23 23	23 20	4 56	16 5	4 32					
W10	11 13	23 14	0s14	2 59	2 39	19 24	0 30	23 31	0 6	21 25	0 15	22 3	1 17	7 32	0 49	8 8	1 45	24 9	10 10	23 23	23 20	4 54	16 5	4 31					
T 11	10 51	21 52	1 18	2 46	2 52	19 8	0 32	23 33	0 7	21 22	0 16	22 3	1 17	7 33	0 49	8 9	1 45	24 8	10 10	23 23	23 19	4 51	16 6	4 31					
F 12	10 30	19 31	2 18	2 38	3 4	18 52	0 35	23 35	0 8	21 20	0 16	22 3	1 17	7 34	0 49	8 9	1 45	24 8	10 11	23 23	23 19	4 48	16 6	4 31					
S 13	10 8	16 21	3 11	2 35	3 15	18 34	0 37	23 37	0 9	21 18	0 16	22 3	1 17	7 35	0 49	8 10	1 45	24 7	10 11	23 22	23 19	4 45	16 7	4 31					
S 14	9 46	12 32	3 55	2 37	3 24	18 17	0 40	23 39	0 10	21 16	0 16	22 3	1 17	7 36	0 49	8 10	1 45	24 7	10 11	23 22	23 19	4 43	16 7	4 30					
M15	9 24	8 16	4 29	2 44	3 32	17 59	0 42	23 40	0 11	21 14	0 16	22 3	1 17	7 37	0 49	8 11	1 45	24 6	10 11	23 22	23 19	4 40	16 8	4 30					
T 16	9 1	3 42	4 51	2 54	3 38	17 40	0 44	23 41	0 12	21 11	0 16	22 4	1 17	7 38	0 49	8 12	1 45	24 6	10 11	23 21	23 19	4 37	16 8	4 30					
W17	8 39	0s59	5 0	3 10	3 41	17 21	0 47	23 43	0 13	21 9	0 16	22 4	1 17	7 39	0 49	8 12	1 45	24 5	10 11	23 20	23 18	4 35	16 9	4 30					
T 18	8 17	5 40	4 56	3 28	3 43	17 1	0 49	23 44	0 14	21 7	0 16	22 4	1 17	7 40	0 49	8 13	1 45	24 5	10 11	23 20	23 18	4 32	16 9	4 29					
F 19	7 54	10 9	4 39	3 51	3 42	16 41	0 51	23 44	0 15	21 5	0 17	22 4	1 17	7 41	0 49	8 14	1 45	24 5	10 11	23 19	23 18	4 29	16 10	4 29					
S 20	7 31	14 16	4 10	4 15	3 40	16 20	0 53	23 45	0 16	21 2	0 17	22 4	1 17	7 42	0 49	8 14	1 45	24 4	10 11	23 18	23 18	4 27	16 10	4 29					
S 21	7 8	17 52	3 29	4 42	3 35	15 59	0 55	23 45	0 17	21 0	0 17	22 4	1 17	7 43	0 49	8 15	1 45	24 4	10 12	23 18	23 18	4 24	16 11	4 29					
M22	6 46	20 43	2 37	5 11	3 29	15 37	0 57	23 45	0 18	20 58	0 17	22 4	1 17	7 44	0 49	8 16	1 45	24 3	10 12	23 18	23 18	4 21	16 12	4 29					
T 23	6 22	22 37	1 36	5 40	3 20	15 15	0 59	23 45	0 19	20 56	0 17	22 4	1 17	7 45	0 49	8 16	1 44	24 3	10 12	23 18	23 17	4 19	16 12	4 28					
W24	5 59	23 22	0 29	6 9	3 10	14 53	1 1	23 45	0 20	20 54	0 17	22 4	1 17	7 46	0 49	8 17	1 44	24 2	10 12	23 18	23 17	4 16	16 13	4 28					
T 25	5 36	22 48	0n42	6 38	2 59	14 30	1 3	23 44	0 21	20 51	0 17	22 4	1 17	7 47	0 49	8 18	1 44	24 2	10 12	23 18	23 17	4 13	16 13	4 28					
F 26	5 13	20 51	1 52	7 7	2 47	14 7	1 5	23 44	0 22	20 49	0 17	22 4	1 17	7 48	0 49	8 18	1 44	24 2	10 12	23 18	23 17	4 11	16 14	4 28					
S 27	4 50	17 34	2 58	7 34	2 34	13 43	1 6	23 43	0 23	20 47	0 18	22 4	1 18	7 49	0 49	8 19	1 44	24 1	10 13	23 17	23 17	4 8	16 15	4 27					
S 28	4s26	13s6	3n54	8s0	2n20	13s19	1s8	23s42	0s25	20s45	0s18	22s4	1n18	7n50	0n49	8n20	1s44	24s1	10s13	23s17	23s16	4n5	16n15	4s27					

ASTRODIENST EPHEMERIS for the year 1546

geocentric

MARCH 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	11 11 47	19°48'45	28°31	3°R14	29°5	8°5	28°58	24°9	11°R57	25°42	21°30	22°R22	22°15	7°47	2°II 4	M 1
T 2	11 15 43	20°48'27	13°48	2°H51	0°H19	8°45	29°9	24°11	11°H55	25°44	21°32	22°H11	22°12	7°54	2°7	T 2
W 3	11 19 40	21°48'07	29°7	2°34	1°33	9°26	29°20	24°14	11°52	25°46	21°33	22°0	22°9	8°1	2°9	W 3
T 4	11 23 36	22°47'45	14°Y15	2°24	2°48	10°6	29°31	24°16	11°49	25°48	21°35	21°49	22°6	8°8	2°11	T 4
F 5	11 27 33	23°47'21	29°3	2°D20	4°2	10°46	29°42	24°18	11°47	25°50	21°36	21°40	22°3	8°14	2°14	F 5
S 6	11 31 30	24°46'55	13°B24	2°21	5°16	11°27	29°53	24°20	11°44	25°52	21°38	21°33	22°0	8°21	2°17	S 6
S 7	11 35 26	25°46'26	27°15	2°29	6°30	12°7	0°4	24°21	11°42	25°54	21°39	21°29	21°56	8°28	2°19	S 7
M 8	11 39 23	26°45'55	10°II37	2°41	7°44	12°47	0°15	24°23	11°39	25°56	21°41	21°28	21°53	8°34	2°22	M 8
T 9	11 43 19	27°45'22	23°32	3°0	8°59	13°27	0°25	24°25	11°37	25°58	21°42	21°27	21°50	8°41	2°25	T 9
W10	11 47 16	28°44'46	6°B4	3°23	10°13	14°8	0°36	24°26	11°34	26°0	21°44	21°27	21°47	8°48	2°28	W10
T 11	11 51 12	29°44'08	18°19	3°50	11°27	14°48	0°46	24°28	11°32	26°2	21°45	21°26	21°44	8°55	2°31	T 11
F 12	11 55 9	0°Y43'28	0°Ω22	4°22	12°41	15°28	0°57	24°29	11°29	26°4	21°46	21°23	21°41	9°1	2°34	F 12
S 13	11 59 5	1°42'45	12°17	4°59	13°55	16°9	1°7	24°30	11°27	26°7	21°48	21°17	21°37	9°8	2°37	S 13
S 14	12 3 2	2°42'00	24°9	5°39	15°9	16°49	1°17	24°31	11°25	26°9	21°49	21°8	21°34	9°15	2°40	S 14
M15	12 6 59	3°41'13	6°H0	6°23	16°23	17°29	1°27	24°32	11°22	26°11	21°51	20°57	21°31	9°22	2°43	M15
T 16	12 10 55	4°40'23	17°52	7°11	17°37	18°9	1°37	24°33	11°20	26°13	21°52	20°44	21°28	9°28	2°46	T 16
W17	12 14 52	5°39'32	29°49	8°1	18°52	18°49	1°46	24°34	11°18	26°15	21°53	20°30	21°25	9°35	2°49	W17
T 18	12 18 48	6°38'38	11°Ω50	8°55	20°6	19°30	1°56	24°35	11°15	26°17	21°55	20°17	21°21	9°42	2°53	T 18
F 19	12 22 45	7°37'42	23°58	9°52	21°20	20°10	2°5	24°35	11°13	26°19	21°56	20°5	21°18	9°48	2°56	F 19
S 20	12 26 41	8°36'44	6°H13	10°52	22°34	20°50	2°15	24°36	11°11	26°21	21°57	19°56	21°15	9°55	2°59	S 20
S 21	12 30 38	9°35'45	18°36	11°55	23°48	21°30	2°24	24°36	11°9	26°24	21°58	19°49	21°12	10°2	3°3	S 21
M22	12 34 34	10°34'43	1°H10	13°0	25°2	22°10	2°33	24°37	11°6	26°26	22°0	19°45	21°9	10°9	3°6	M22
T 23	12 38 31	11°33'40	13°57	14°8	26°16	22°50	2°42	24°37	11°4	26°28	22°1	19°D43	21°6	10°15	3°10	T 23
W24	12 42 28	12°32'35	27°0	15°18	27°30	23°30	2°51	24°37	11°2	26°30	22°2	19°43	21°2	10°22	3°14	W24
T 25	12 46 24	13°31'28	10°B21	16°30	28°44	24°10	3°0	24°R37	11°0	26°32	22°3	19°R44	20°59	10°29	3°17	T 25
F 26	12 50 21	14°30'20	24°4	17°44	29°58	24°51	3°8	24°37	10°58	26°35	22°5	19°44	20°56	10°35	3°21	F 26
S 27	12 54 17	15°29'09	8°H9	19°1	1°Y12	25°31	3°17	24°37	10°56	26°37	22°6	19°41	20°53	10°42	3°25	S 27
S 28	12 58 14	16°27'57	22°37	20°20	2°26	26°11	3°25	24°37	10°54	26°39	22°7	19°37	20°50	10°49	3°29	S 28
M29	13 2 10	17°26'44	7°H23	21°40	3°40	26°51	3°34	24°36	10°52	26°41	22°8	19°30	20°46	10°56	3°33	M29
T 30	13 6 7	18°25'28	22°23	23°3	4°54	27°31	3°42	24°36	10°50	26°44	22°9	19°22	20°43	11°2	3°36	T 30
W31	13 10 3	19°Y24'10	7°Y26	24°H27	6°Y8	28°B11	3°H50	24°H35	10°H48	26°Y46	22°H10	19°H13	20°H40	11°H9	3°H40	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4s 3	7s43	4n35	8s24	2n 5	12s55	1s10	23s41	0s26	20s43	0s18	22s 5	1n18	7n51	0n49	8n20	1s44
T 2	3 39	1 49	4 57	8 46	1 51	12 30	1 11	23 39	0 27	20 40	0 18	22 5	1 18	7 52	0 49	8 21	1 44
W 3	3 16	4n12	4 58	9 6	1 36	12 5	1 13	23 38	0 28	20 38	0 18	22 5	1 18	7 53	0 49	8 22	1 44
T 4	2 52	9 54	4 38	9 23	1 21	11 39	1 14	23 36	0 29	20 36	0 18	22 5	1 18	7 54	0 49	8 23	1 44
F 5	2 28	14 53	3 59	9 38	1 6	11 14	1 16	23 34	0 30	20 34	0 18	22 5	1 18	7 55	0 49	8 23	1 44
S 6	2 5	18 52	3 6	9 51	0 52	10 48	1 17	23 32	0 32	20 32	0 19	22 5	1 18	7 56	0 49	8 24	1 44
S 7	1 41	21 36	2 4	10 2	0 37	10 21	1 18	23 29	0 33	20 29	0 19	22 5	1 18	7 57	0 49	8 25	1 44
M 8	1 17	23 2	0 57	10 11	0 23	9 55	1 19	23 27	0 34	20 27	0 19	22 5	1 18	7 58	0 49	8 26	1 44
T 9	0 54	23 9	0s11	10 17	0 10	9 28	1 20	23 24	0 35	20 25	0 19	22 5	1 18	7 59	0 49	8 26	1 44
W10	0 30	22 5	1 16	10 21	0s 3	9 1	1 22	23 21	0 36	20 23	0 19	22 5	1 18	8 0	0 49	8 27	1 44
T 11	0 6	19 59	2 17	10 22	0 16	8 34	1 22	23 18	0 38	20 21	0 19	22 5	1 18	8 0	0 49	8 28	1 44
F 12	0n17	17 1	3 10	10 22	0 28	8 6	1 23	23 15	0 39	20 19	0 20	22 5	1 18	8 1	0 49	8 29	1 44
S 13	0 41	13 24	3 54	10 19	0 40	7 38	1 24	23 11	0 40	20 17	0 20	22 5	1 18	8 2	0 49	8 29	1 44
S 14	1 5	9 17	4 28	10 15	0 51	7 10	1 25	23 7	0 42	20 15	0 20	22 5	1 18	8 3	0 49	8 30	1 44
M15	1 28	4 50	4 50	10 8	1 1	6 42	1 26	23 4	0 43	20 13	0 20	22 5	1 19	8 4	0 49	8 31	1 44
T 16	1 52	0 12	5 0	10 0	1 11	6 14	1 26	23 0	0 44	20 11	0 20	22 5	1 19	8 5	0 49	8 32	1 44
W17	2 15	4s27	4 56	9 50	1 21	5 45	1 27	22 55	0 46	20 9	0 20	22 5	1 19	8 6	0 49	8 33	1 44
T 18	2 39	8 59	4 40	9 37	1 29	5 16	1 28	22 51	0 47	20 7	0 20	22 5	1 19	8 7	0 49	8 33	1 44
F 19	3 2	13 12	4 10	9 24	1 38	4 48	1 28	22 46	0 48	20 5	0 21	22 4	1 19	8 7	0 49	8 34	1 44
S 20	3 25	16 54	3 29	9 8	1 46	4 19	1 28	22 42	0 50	20 3	0 21	22 4	1 19	8 8	0 49	8 35	1 44
S 21	3 49	19 55	2 37	8 51	1 53	3 50	1 29	22 37	0 51	20 1	0 21	22 4	1 19	8 9	0 49	8 36	1 44
M22	4 12	22 1	1 37	8 32	1 59	3 20	1 29	22 32	0 52	19 59	0 21	22 4	1 19	8 10	0 49	8 37	1 44
T 23	4 35	23 2	0 31	8 11	2 5	2 51	1 29	22 26	0 54	19 57	0 21	22 4	1 19	8 11	0 49	8 37	1 44
W24	4 58	22 49	0n39	7 49	2 11	2 22	1 29	22 21	0 55	19 55	0 21	22 4	1 19	8 12	0 49	8 38	1 44
T 25	5 21	21 18	1 48	7 26	2 16	1 52	1 29	22 15	0 56	19 53	0 22	22 4	1 19	8 12	0 48	8 39	1 44
F 26	5 44	18 32	2 52	7 1	2 20	1 23	1 29	22 10	0 58	19 51	0 22	22 4	1 19	8 13	0 48	8 40	1 44
S 27	6 7	14 36	3 48	6 34	2 24	0 53	1 29	22 4	0 59	19 50	0 22	22 4	1 19	8 14	0 48	8 41	1 44
S 28	6 29	9 44	4 31	6 6	2 28	0 23	1 29	21 58	1 1	19 48	0 22	22 4	1 19	8 15	0 48	8 41	1 44
M29	6 52	4 13	4 57	5 37	2 31	0n 6	1 29	21 51	1 2	19 46	0 22	22 4	1 19	8 15	0 48	8 42	1 44
T 30	7 14	1n37	5 3	5 6	2 33	0 36	1 29	21 45	1 4	19 44	0 22	22 4	1 19	8 16	0 48	8 43	1 44
W31	7n37	7n23	4n49	4s35	2s35	1n 6	1s28	21s39	1s 5	19s43	0s23	22s 4	1n19	8n17	0n48	8n44	1s44

Julian Day Number = 2285793.5, Delta T = 188.24 sec

Ecliptic obliquity = 23°29'53", Nutation = 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°24'27", Lahiri = 17°31'27" Julian Calendar 1 March 1546 == Greg. Calendar 11 March 1546

ASTRODIENST EPHEMERIS for the year 1546

geocentric

APRIL 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 14 0	20°22'51	22°25'	25°53'	7°22'	28°50'	3°57'	24°R35	10°R46	26°V48	22°11'	19°R 4	20°7'37	11°16'	3°II44	T 1	
F 2	13 17 57	21°21'30	7°8'	27°21'	8°36'	29°30'	4°5'	24°7'34	10°45'	26°50'	22°12'	18°7'56	20°34'	11°22'	3°48'	F 2	
S 3	13 21 53	22°20'06	21°29'	28°51'	9°50'	0°10'	4°13'	24°33'	10°43'	26°53'	22°13'	18°51'	20°31'	11°29'	3°53'	S 3	
S 4	13 25 50	23°18'41	5°II24	0°Y23	11°4'	0°50'	4°20'	24°32'	10°41'	26°55'	22°14'	18°48'	20°27'	11°36'	3°57'	S 4	
M 5	13 29 46	24°17'13	18°51'	1°56'	12°18'	1°30'	4°27'	24°31'	10°39'	26°57'	22°15'	18°D47	20°24'	11°43'	4°1'	M 5	
T 6	13 33 43	25°15'44	1°52'	3°31'	13°32'	2°9'	4°34'	24°30'	10°38'	26°59'	22°16'	18°48'	20°21'	11°49'	4°5'	T 6	
W 7	13 37 39	26°14'12	14°29'	5°8'	14°46'	2°49'	4°41'	24°29'	10°36'	27°2'	22°17'	18°49'	20°18'	11°56'	4°9'	W 7	
T 8	13 41 36	27°12'38	26°48'	6°46'	16°0'	3°29'	4°48'	24°27'	10°35'	27°4'	22°18'	18°R50	20°15'	12°3'	4°14'	T 8	
F 9	13 45 32	28°11'02	8°52'	8°26'	17°14'	4°8'	4°55'	24°26'	10°33'	27°6'	22°19'	18°49'	20°12'	12°10'	4°18'	F 9	
S 10	13 49 29	29°9'23	20°48'	10°8'	18°28'	4°48'	5°1'	24°24'	10°32'	27°8'	22°20'	18°46'	20°8'	12°16'	4°22'	S 10	
S 11	13 53 26	0°8'743	2°140	11°52'	19°42'	5°28'	5°8'	24°23'	10°30'	27°11'	22°20'	18°42'	20°5'	12°23'	4°27'	S 11	
M12	13 57 22	1°6'00	14°32'	13°38'	20°56'	6°7'	5°14'	24°21'	10°29'	27°13'	22°21'	18°35'	20°2'	12°30'	4°31'	M12	
T 13	14 1 19	2°4'15	26°27'	15°25'	22°10'	6°47'	5°20'	24°19'	10°28'	27°15'	22°22'	18°27'	19°59'	12°36'	4°36'	T 13	
W14	14 5 15	3°2'29	8°129	17°14'	23°24'	7°26'	5°26'	24°17'	10°26'	27°17'	22°23'	18°19'	19°56'	12°43'	4°40'	W14	
T 15	14 9 12	4°0'40	20°38'	19°4'	24°38'	8°5'	5°32'	24°16'	10°25'	27°20'	22°24'	18°11'	19°52'	12°50'	4°45'	T 15	
F 16	14 13 8	4°58'50	2°157	20°57'	25°51'	8°45'	5°37'	24°14'	10°24'	27°22'	22°24'	18°3'	19°49'	12°57'	4°49'	F 16	
S 17	14 17 5	5°56'58	15°26'	22°51'	27°5'	9°24'	5°43'	24°11'	10°23'	27°24'	22°25'	17°57'	19°46'	13°3'	4°54'	S 17	
S 18	14 21 1	6°55'04	28°5'	24°47'	28°19'	10°3'	5°48'	24°9'	10°22'	27°26'	22°26'	17°54'	19°43'	13°10'	4°59'	S 18	
M19	14 24 58	7°53'09	10°7'57	26°45'	29°33'	10°42'	5°53'	24°7'	10°21'	27°29'	22°26'	17°52'	19°40'	13°17'	5°3'	M19	
T 20	14 28 54	8°51'12	24°0'	28°44'	0°847	11°22'	5°58'	24°5'	10°20'	27°31'	22°27'	17°D52	19°37'	13°23'	5°8'	T 20	
W21	14 32 51	9°49'14	7°17	0°845	2°1'	12°1'	6°3'	24°2'	10°19'	27°33'	22°27'	17°53'	19°33'	13°30'	5°13'	W21	
T 22	14 36 48	10°47'15	20°48'	2°48'	3°14'	12°40'	6°7'	24°0'	10°18'	27°35'	22°28'	17°54'	19°30'	13°37'	5°18'	T 22	
F 23	14 40 44	11°45'14	4°34	4°52'	4°28'	13°19'	6°12'	23°57'	10°17'	27°38'	22°29'	17°56'	19°27'	13°44'	5°22'	F 23	
S 24	14 44 41	12°43'11	18°35'	6°58'	5°42'	13°58'	6°16'	23°54'	10°16'	27°40'	22°29'	17°R56	19°24'	13°50'	5°27'	S 24	
S 25	14 48 37	13°41'08	2°50	9°5'	6°56'	14°36'	6°20'	23°51'	10°15'	27°42'	22°30'	17°54'	19°21'	13°57'	5°32'	S 25	
M26	14 52 34	14°39'03	17°18'	11°13'	8°10'	15°15'	6°24'	23°49'	10°15'	27°44'	22°30'	17°51'	19°18'	14°4'	5°37'	M26	
T 27	14 56 30	15°36'57	1°Y54	13°22'	9°24'	15°54'	6°27'	23°46'	10°14'	27°46'	22°31'	17°47'	19°14'	14°11'	5°42'	T 27	
W28	15 0 27	16°34'49	16°32'	15°33'	10°37'	16°32'	6°31'	23°43'	10°13'	27°49'	22°31'	17°43'	19°11'	14°17'	5°47'	W28	
T 29	15 4 23	17°32'40	1°8'7	17°43'	11°51'	17°11'	6°34'	23°40'	10°13'	27°51'	22°31'	17°39'	19°8'	14°24'	5°51'	T 29	
F 30	15 8 20	18°30'30	15°30	19°54	13°8'5	17°49	6°38	23°37	10°12	27°53	22°32	17°35	19°5	14°31	5°II56	F 30	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7n59	12n40	4n14	4s 1	2s36	1n35	1s28	21s32	1s 7	19s41	0s23	22s 4	1n20	8n17	0n48	8n45	1s44
F 2	8 21 17 8	3 24 3 27	2 37	2 5	1 28	21 25	1 8	19 39	0 23	22 4	1 20	8 18	0 48	8 46	1 44	23 s53	10s20
S 3	8 43 20 27	2 21 2 51	2 37	2 34	1 27	21 18	1 10	19 38	0 23	22 4	1 20	8 19	0 48	8 46	1 44	23 s53	10 20 23 2
S 4	9 5 22 25	1 11 2 14	2 36	3 4	1 26	21 11	1 11	19 36	0 23	22 3	1 20	8 19	0 48	8 47	1 44	23 s53	10 21 23 1
M 5	9 26 23 1	0s 0 1 36	2 36	3 34	1 26	21 4	1 13	19 34	0 24	22 3	1 20	8 20	0 48	8 48	1 44	23 s53	10 21 23 1
T 6	9 48 22 19	1 10 0 57	2 34	4 3	1 25	20 56	1 14	19 33	0 24	22 3	1 20	8 20	0 48	8 49	1 44	23 s53	10 21 23 1
W 7	10 9 20 30	2 14 0 17	2 32	4 32	1 24	20 49	1 16	19 31	0 24	22 3	1 20	8 21	0 48	8 50	1 44	23 s53	10 22 23 9
T 8	10 30 17 45	3 10 0n24	2 30	5 2	1 23	20 41	1 18	19 30	0 24	22 3	1 20	8 22	0 48	8 50	1 44	23 s53	10 22 23 2
F 9	10 51 14 17	3 56 1 7	2 27	5 31	1 23	20 33	1 19	19 29	0 24	22 3	1 20	8 22	0 48	8 51	1 44	23 s53	10 22 23 2
S 10	11 12 10 18	4 32 1 50	2 23	6 0	1 22	20 25	1 21	19 27	0 24	22 3	1 20	8 23	0 48	8 52	1 44	23 s53	10 22 23 1
S 11	11 33 5 57	4 55 2 34	2 19	6 29	1 21	20 17	1 23	19 26	0 25	22 3	1 20	8 23	0 48	8 53	1 44	23 s53	10 23 23 1
M12	11 53 1 23	5 6 3 20	2 14	6 58	1 19	20 9	1 24	19 24	0 25	22 3	1 20	8 24	0 48	8 54	1 44	23 s53	10 23 23 0
T 13	12 13 3s14	5 4 4 6	2 9	7 26	1 18	20 0	1 26	19 23	0 25	22 3	1 20	8 24	0 48	8 54	1 44	23 s53	10 23 23 0
W14	12 33 7 47	4 49 4 53	2 4	7 55	1 17	19 52	1 27	19 22	0 25	22 2	1 20	8 25	0 48	8 55	1 44	23 s53	10 24 22 59
T 15	12 53 12 5	4 20 5 40	1 58	8 23	1 16	19 43	1 29	19 21	0 25	22 2	1 20	8 25	0 48	8 56	1 44	23 s53	10 24 22 58
F 16	13 13 15 57	3 39 6 29	1 51	8 51	1 15	19 35	1 31	19 20	0 26	22 2	1 20	8 25	0 48	8 57	1 44	23 s53	10 24 22 58
S 17	13 32 19 9	2 46 7 18	1 44	9 19	1 13	19 26	1 33	19 18	0 26	22 2	1 20	8 26	0 48	8 58	1 44	23 s53	10 25 22 57
S 18	13 51 21 29	1 45 8 8	1 36	9 47	1 12	19 17	1 34	19 17	0 26	22 2	1 20	8 26	0 48	8 58	1 44	23 s53	10 25 22 57
M19	14 10 22 46	0 37 8 58	1 28	10 14	1 10	19 8	1 36	19 16	0 26	22 2	1 20	8 27	0 48	8 59	1 44	23 s53	10 25 22 57
T 20	14 29 22 48	0n33 9 48	1 20	10 42	1 9	18 59	1 38	19 15	0 26	22 2	1 20	8 27	0 48	9 0	1 44	23 s53	10 26 22 57
W21	14 48 21 34	1 44 10 39	1 11	11 9	1 7	18 49	1 39	19 14	0 27	22 1	1 20	8 27	0 48	9 1	1 44	23 s53	10 26 22 57
T 22	15 6 19 5	2 50 11 30	1 2	11 36	1 6	18 40	1 41	19 13	0 27	22 1	1 20	8 28	0 48	9 2	1 44	23 s53	10 26 22 57
F 23	15 24 15 30	3 47 12 21	0 53	12 2	1 4	18 31	1 43	19 12	0 27	22 1	1 20	8 28	0 48	9 2	1 44	23 s54	10 26 22 57
S 24	15 42 10 59	4 32 13 12	0 43	12 28	1 3	18 21	1 45	19 11	0 27	22 1	1 20	8 28	0 47	9 3	1 44	23 s54	10 27 22 57
S 25	15 59 5 48	5 1 14 3	0 33	12 54	1 1	18 11	1 47	19 11	0 27	22 1	1 20	8 28	0 47	9 4	1 44	23 s54	10 27 22 57
M26	16 16 0 15	5 12 14 53	0 22	13 20	0 59	18 2	1 48	19 10	0 28	22 1	1 20	8 29	0 47	9 5	1 44	23 s54	10 27 22 56
T 27	16 33 5n23	5 2 15 42	0 12	13 45	0 57	17 52	1 50	19 9	0 28	22 1	1 21	8 29	0 47	9 5	1 44	23 s54	10 28 22 56
W28	16 50 10 43	4 33 16 31	0 1	14 10	0 55	17 42	1 52	19 8	0 28	22 0	1 21	8 29	0 47	9 6	1 44	23 s54	10 28 22 56
T 29	17 6 15 26	3 47 17 18	0n 9	14 35	0 53	17 32	1 54	19 8	0 28	22 0	1 21	8 29	0 47	9 7	1 44	23 s54	10 28 22 55
F 30	17n23 19n10	2n46 18n 5	0n20	14n59	0s52	17s22	1s56	19s 7	0s28	22s 0	1n21	8n29	0n47	9n 8	1s44	23s55	10s29 22s55

Julian Day Number = 2285824.5, Delta T = 188.05 sec

Ecliptic obliquity = 23°29'53", Nutation = 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°24'31", Lahiri = 17°31'32" Julian Calendar 1 Apr. 1546 == Greg. Calendar 11 Apr. 1546

ASTRODIENST EPHEMERIS for the year 1546

geocentric

MAY 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 12 17	19 ⁸ 28'19	29 ⁸ 37	22 ⁸ 6	14 ⁸ 19	18 ⁸ 28	6 ⁸ 41	23°R33	10°R12	27 ⁷ 55	22 ⁸ 32	17°R33	19 ⁸ 2	14 ⁷ 37	6 ^{II} 1	S 1
S 2	15 16 13	20°26'06	13 ^{II} 24	24°17	15°33	19°6	6°43	23 ⁸ 30	10 ⁷ 12	27°57	22°32	17°D32	18°58	14°44	6°6	S 2
M 3	15 20 10	21°23'51	26°47	26°27	16°46	19°44	6°46	23°27	10°11	27°59	22°33	17 ⁸ 32	18°55	14°51	6°11	M 3
T 4	15 24 6	22°21'35	9 ⁸ 48	28°37	18°0	20°22	6°48	23°23	10°11	28°1	22°33	17°33	18°52	14°58	6°16	T 4
W 5	15 28 3	23°19'17	22°28	0 ^{II} 46	19°14	21°0	6°51	23°20	10°11	28°3	22°33	17°34	18°49	15°4	6°21	W 5
T 6	15 31 59	24°16'58	4 ⁸ 49	2°54	20°28	21°38	6°53	23°16	10°11	28°6	22°33	17°36	18°46	15°11	6°26	T 6
F 7	15 35 56	25°14'37	16°57	5°0	21°41	22°16	6°55	23°13	10°10	28°8	22°34	17°37	18°43	15°18	6°31	F 7
S 8	15 39 53	26°12'15	28°55	7°4	22°55	22°54	6°56	23°9	10°10	28°10	22°34	17°R37	18°39	15°25	6°36	S 8
S 9	15 43 49	27°9'51	10 ⁷ 49	9°7	24°9	23°32	6°58	23°5	10°D10	28°12	22°34	17°37	18°36	15°31	6°42	S 9
M10	15 47 46	28°7'26	22°42	11°7	25°23	24°9	6°59	23°2	10°10	28°14	22°34	17°35	18°33	15°38	6°47	M10
T 11	15 51 42	29°4'59	4 ⁸ 40	13°5	26°36	24°46	7°0	22°58	10°11	28°16	22°34	17°33	18°30	15°45	6°52	T 11
W12	15 55 39	0 ^{II} 2'31	16°45	15°1	27°50	25°24	7°1	22°54	10°11	28°18	22°34	17°30	18°27	15°51	6°57	W12
T 13	15 59 35	1°0'01	29°1	16°54	29°4	26°1	7°2	22°50	10°11	28°20	22°34	17°28	18°24	15°58	7°2	T 13
F 14	16 3 32	1°57'30	11 ⁷ 30	18°45	0 ^{II} 18	26°38	7°2	22°46	10°11	28°22	22°R34	17°25	18°20	16°5	7°7	F 14
S 15	16 7 28	2°54'58	24°14	20°33	1°31	27°15	7°3	22°42	10°11	28°24	22°34	17°24	18°17	16°12	7°12	S 15
S 16	16 11 25	3°52'26	7 ⁸ 13	22°18	2°45	27°52	7°R3	22°38	10°12	28°26	22°34	17°23	18°14	16°18	7°17	S 16
M17	16 15 21	4°49'52	20°26	24°0	3°59	28°29	7°3	22°34	10°12	28°27	22°34	17°D23	18°11	16°25	7°22	M17
T 18	16 19 18	5°47'17	3 ⁸ 53	25°40	5°12	29°5	7°3	22°30	10°13	28°29	22°34	17°23	18°8	16°32	7°28	T 18
W19	16 23 15	6°44'41	17°33	27°17	6°26	29°42	7°2	22°26	10°13	28°31	22°34	17°24	18°4	16°38	7°33	W19
T 20	16 27 11	7°42'05	1 ⁸ 24	28°51	7°40	0 ^{II} 18	7°2	22°22	10°14	28°33	22°34	17°25	18°1	16°45	7°38	T 20
F 21	16 31 8	8°39'28	15°25	0 ⁸ 22	8°54	0°54	7°1	22°18	10°14	28°35	22°34	17°26	17°58	16°52	7°43	F 21
S 22	16 35 4	9°36'50	29°33	1°50	10°7	1°30	7°0	22°13	10°15	28°37	22°34	17°26	17°55	16°59	7°48	S 22
S 23	16 39 1	10°34'12	13 ⁸ 46	3°16	11°21	2°6	6°59	22°9	10°16	28°39	22°33	17°R26	17°52	17°5	7°53	S 23
M24	16 42 57	11°31'33	28°2	4°38	12°35	2°42	6°58	22°5	10°17	28°40	22°33	17°26	17°49	17°12	7°58	M24
T 25	16 46 54	12°28'53	12 ⁷ 18	5°57	13°48	3°17	6°56	22°1	10°18	28°42	22°33	17°25	17°45	17°19	8°3	T 25
W26	16 50 51	13°26'14	26°30	7°14	15°2	3°53	6°54	21°56	10°18	28°44	22°33	17°25	17°42	17°26	8°9	W26
T 27	16 54 47	14°23'33	10 ⁸ 37	8°27	16°16	4°28	6°52	21°52	10°19	28°46	22°32	17°25	17°39	17°32	8°14	T 27
F 28	16 58 44	15°20'53	24°33	9°37	17°29	5°3	6°50	21°48	10°20	28°47	22°32	17°24	17°36	17°39	8°19	F 28
S 29	17 2 40	16°18'11	8 ^{II} 16	10°44	18°43	5°38	6°48	21°43	10°21	28°49	22°32	17°24	17°33	17°46	8°24	S 29
S 30	17 6 37	17°15'29	21°44	11°48	19°57	6°13	6°46	21°39	10°23	28°51	22°31	17°24	17°30	17°52	8°29	S 30
M31	17 10 33	18 ^{II} 12'47	4 ⁸ 55	12°48	21 ^{II} 11	6°47	6°43	21 ⁸ 34	10 ⁷ 24	28°52	22°31	17 ⁸ 24	17 ⁸ 26	17 ⁷ 59	8 ^{II} 34	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n38	21n41	1n37	18n49	0n30	15n23	0s50	17s12	1s58	19s7	0s29	22s0	1n21	8n29	0n47	S 1
S 2	17 54	22 50	0 23	19 32	0 40	15 47	0 48	17 2	2 0	19 6	0 29	22 0	1 21	8 30	0 47	S 2
M 3	18 9	22 37	0s51	20 13	0 50	16 10	0 46	16 51	2 2	19 6	0 29	22 0	1 21	8 30	0 47	M 3
T 4	18 24	21 9	1 59	20 52	1 0	16 32	0 43	16 41	2 4	19 5	0 29	21 59	1 21	8 30	0 47	T 4
W 5	18 39	18 39	3 0	21 29	1 9	16 55	0 41	16 31	2 5	19 5	0 29	21 59	1 21	8 30	0 47	W 5
T 6	18 53	15 22	3 51	22 4	1 18	17 17	0 39	16 20	2 7	19 5	0 30	21 59	1 21	8 30	0 47	T 6
F 7	19 7	11 29	4 31	22 36	1 26	17 38	0 37	16 10	2 9	19 4	0 30	21 59	1 21	8 30	0 47	F 7
S 8	19 21	7 13	4 58	23 5	1 34	17 59	0 35	15 59	2 11	19 4	0 30	21 59	1 21	8 30	0 47	S 8
S 9	19 34	2 42	5 13	23 32	1 41	18 20	0 33	15 48	2 13	19 4	0 30	21 59	1 21	8 30	0 47	S 9
M10	19 47	1s54	5 14	23 56	1 47	18 40	0 31	15 38	2 15	19 4	0 31	21 58	1 21	8 30	0 47	M10
T 11	20 0	6 27	5 1	24 17	1 53	18 59	0 28	15 27	2 17	19 4	0 31	21 58	1 21	8 30	0 47	T 11
W12	20 13	10 50	4 35	24 36	1 58	19 18	0 26	15 16	2 19	19 4	0 31	21 58	1 21	8 29	0 47	W12
T 13	20 25	14 50	3 56	24 52	2 2	19 37	0 24	15 6	2 21	19 4	0 31	21 58	1 20	8 29	0 47	T 13
F 14	20 36	18 15	3 5	25 6	2 5	19 55	0 21	14 55	2 23	19 4	0 31	21 58	1 20	8 29	0 47	F 14
S 15	20 48	20 53	2 4	25 17	2 8	20 12	0 19	14 44	2 25	19 4	0 32	21 57	1 20	8 29	0 47	S 15
S 16	20 59	22 29	0 56	25 26	2 10	20 29	0 17	14 33	2 28	19 4	0 32	21 57	1 20	8 29	0 47	S 16
M17	21 9	22 52	0n17	25 32	2 11	20 46	0 14	14 22	2 30	19 4	0 32	21 57	1 20	8 29	0 47	M17
T 18	21 19	21 56	1 30	25 36	2 11	21 1	0 12	14 11	2 32	19 5	0 32	21 57	1 20	8 28	0 46	T 18
W19	21 29	19 43	2 39	25 39	2 10	21 17	0 10	14 0	2 34	19 5	0 33	21 57	1 20	8 28	0 46	W19
T 20	21 39	16 19	3 40	25 39	2 9	21 31	0 7	13 49	2 36	19 5	0 33	21 56	1 20	8 28	0 46	T 20
F 21	21 48	11 58	4 29	25 37	2 7	21 45	0 5	13 38	2 38	19 6	0 33	21 56	1 20	8 28	0 46	F 21
S 22	21 57	6 57	5 1	25 33	2 4	21 59	0 3	13 28	2 40	19 6	0 33	21 56	1 20	8 27	0 46	S 22
S 23	22 5	1 32	5 16	25 28	2 1	22 12	0 0	13 17	2 42	19 7	0 33	21 56	1 20	8 27	0 46	S 23
M24	22 13	3n58	5 11	25 21	1 56	22 24	0n2	13 6	2 45	19 7	0 34	21 56	1 20	8 27	0 46	M24
T 25	22 21	9 17	4 47	25 13	1 51	22 35	0 5	12 55	2 47	19 8	0 34	21 55	1 20	8 26	0 46	T 25
W26	22 28	14 4	4 6	25 3	1 45	22 46	0 7	12 44	2 49	19 9	0 34	21 55	1 20	8 26	0 46	W26
T 27	22 35	18 3	3 10	24 52	1 39	22 56	0 9	12 33	2 51	19 9	0 34	21 55	1 20	8 26	0 46	T 27
F 28	22 41	20 57	2 3	24 40	1 32	23 6	0 12	12 22	2 53	19 10	0 35	21 55	1 20	8 25	0 46	F 28
S 29	22 47	22 34	0 50	24 27	1 24	23 15	0 14	12 11	2 56	19 11	0 35	21 55	1 20	8 25	0 46	S 29
S 30	22 53	22 50	0s24	24 13	1 15	23 23	0 16	12 0	2 58	19 12	0 35	21 54	1 20	8 24	0 46	S 30
M31	22n58	21n49	1s36	23n58	1n6	23n31	0n19	11s50	3s0	19s12	0s35	21s54	1n20	8n24	0n46	M31

Julian Day Number = 2285854.5, Delta T = 187.87 sec

Ecliptic obliquity = 23°29'52, Nutation = 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°24'35, Lahiri = 17°31'36 Julian Calendar 1 May 1546 == Greg. Calendar 11 May 1546

ASTRODIENST EPHEMERIS for the year 1546
geocentric

JUNE 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 14 30	19II10'04	17☾47	13☾45	22II24	7☿21	6°R40	21°R30	10♂25	28☿54	22°R30	17°R24	17☿23	18♂6	8II39	T 1
W 2	17 18 26	20° 7'20	0☾23	14°38	23°38	7°55	6☿37	21☿26	10°26	28°55	22☿30	17☿24	17°20	18°13	8°44	W 2
T 3	17 22 23	21° 4'35	12°44	15°28	24°52	8°29	6°34	21°21	10°27	28°57	22°29	17°24	17°17	18°19	8°49	T 3
F 4	17 26 20	22° 1'50	24°52	16°14	26° 6	9° 3	6°30	21°17	10°29	28°58	22°29	17°23	17°14	18°26	8°55	F 4
S 5	17 30 16	22°59'04	6♂51	16°56	27°19	9°36	6°27	21°12	10°30	29° 0	22°28	17°23	17°10	18°33	9° 0	S 5
S 6	17 34 13	23°56'18	18°45	17°34	28°33	10° 9	6°23	21° 8	10°32	29° 1	22°28	17°D22	17° 7	18°40	9° 5	S 6
M 7	17 38 9	24°53'30	0☾39	18° 9	29°47	10°42	6°19	21° 4	10°33	29° 3	22°27	17°22	17° 4	18°46	9°10	M 7
T 8	17 42 6	25°50'42	12°37	18°39	1☾0	11°15	6°15	20°59	10°35	29° 4	22°27	17°23	17° 1	18°53	9°15	T 8
W 9	17 46 2	26°47'54	24°44	19° 4	2°14	11°48	6°11	20°55	10°36	29° 6	22°26	17°23	16°58	19° 0	9°20	W 9
T 10	17 49 59	27°45'05	7♂3	19°26	3°28	12°20	6° 6	20°50	10°38	29° 7	22°25	17°24	16°55	19° 6	9°25	T 10
F 11	17 53 55	28°42'15	19°38	19°43	4°41	12°52	6° 2	20°46	10°40	29° 8	22°25	17°25	16°51	19°13	9°30	F 11
S 12	17 57 52	29°39'26	2☿33	19°55	5°55	13°23	5°57	20°42	10°41	29°10	22°24	17°26	16°48	19°20	9°35	S 12
S 13	18 1 49	0☾36'36	15°47	20° 3	7° 9	13°55	5°52	20°37	10°43	29°11	22°23	17°R26	16°45	19°27	9°39	S 13
M14	18 5 45	1°33'45	29°21	20°R 6	8°23	14°26	5°47	20°33	10°45	29°12	22°23	17°26	16°42	19°33	9°44	M14
T 15	18 9 42	2°30'55	13☿14	20° 5	9°36	14°57	5°42	20°29	10°47	29°14	22°22	17°25	16°39	19°40	9°49	T 15
W16	18 13 38	3°28'05	27°21	19°59	10°50	15°28	5°37	20°25	10°49	29°15	22°21	17°24	16°36	19°47	9°54	W16
T 17	18 17 35	4°25'14	11☿39	19°48	12° 4	15°58	5°31	20°20	10°51	29°16	22°21	17°22	16°32	19°54	9°59	T 17
F 18	18 21 31	5°22'24	26° 3	19°33	13°17	16°28	5°26	20°16	10°53	29°17	22°20	17°19	16°29	20° 0	10° 4	F 18
S 19	18 25 28	6°19'34	10☿28	19°14	14°31	16°58	5°20	20°12	10°55	29°18	22°19	17°17	16°26	20° 7	10° 9	S 19
S 20	18 29 24	7°16'44	24°50	18°51	15°45	17°27	5°14	20° 8	10°57	29°19	22°18	17°16	16°23	20°14	10°13	S 20
M21	18 33 21	8°13'55	9☿4	18°24	16°59	17°56	5° 8	20° 4	10°59	29°20	22°17	17°D16	16°20	20°20	10°18	M21
T 22	18 37 18	9°11'06	23° 9	17°54	18°12	18°25	5° 2	20° 0	11° 1	29°22	22°16	17°16	16°16	20°27	10°23	T 22
W23	18 41 14	10° 8'17	7☿4	17°21	19°26	18°53	4°55	19°56	11° 4	29°23	22°15	17°17	16°13	20°34	10°28	W23
T 24	18 45 11	11° 5'29	20°46	16°45	20°40	19°21	4°49	19°52	11° 6	29°24	22°15	17°19	16°10	20°41	10°32	T 24
F 25	18 49 7	12° 2'42	4II16	16° 8	21°53	19°49	4°43	19°48	11° 8	29°25	22°14	17°20	16° 7	20°47	10°37	F 25
S 26	18 53 4	12°59'55	17°34	15°30	23° 7	20°16	4°36	19°44	11°11	29°25	22°13	17°R21	16° 4	20°54	10°41	S 26
S 27	18 57 0	13°57'08	0☾39	14°51	24°21	20°42	4°29	19°40	11°13	29°26	22°12	17°20	16° 1	21° 1	10°46	S 27
M28	19 0 57	14°54'22	13°31	14°12	25°35	21° 9	4°22	19°36	11°15	29°27	22°11	17°18	15°57	21° 7	10°51	M28
T 29	19 4 53	15°51'36	26°10	13°34	26°48	21°35	4°15	19°33	11°18	29°28	22°10	17°15	15°54	21°14	10°55	T 29
W30	19 8 50	16☾48'50	8☾36	12☾57	28☾2	22☿0	4☿8	19☿29	11♂20	29☿29	22☿9	17☿10	15☿51	21♂21	11II0	W30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 3	19n40	2s41	23n42	0n56	23n38	0n21	11s39	3s 2	19s13	0s35	21s54	1n20	8n23	0n46	9n28	1s45	24s 5	10s39	22s54	22s54	0s 1	17n29	4s22			
W 2	23 8	16 36	3 36	23 26	0 45	23 44	0 23	11 28	3 5	19 14	0 36	21 54	1 20	8 23	0 46	9 29	1 45	24 5	10 39	22 54	22 54	0 4	17 30	4 22			
T 3	23 12	12 52	4 21	23 9	0 34	23 49	0 26	11 18	3 7	19 15	0 36	21 54	1 19	8 22	0 46	9 29	1 45	24 5	10 39	22 54	22 53	0 6	17 30	4 22			
F 4	23 15	8 40	4 53	22 52	0 22	23 54	0 28	11 7	3 9	19 16	0 36	21 53	1 19	8 22	0 46	9 30	1 45	24 6	10 40	22 54	22 53	0 9	17 31	4 22			
S 5	23 19	4 12	5 11	22 35	0 9	23 58	0 30	10 56	3 12	19 18	0 36	21 53	1 19	8 21	0 46	9 30	1 45	24 6	10 40	22 54	22 53	0 12	17 32	4 23			
S 6	23 21	0s24	5 17	22 17	0s 4	24 2	0 32	10 46	3 14	19 19	0 37	21 53	1 19	8 21	0 46	9 31	1 45	24 7	10 40	22 54	22 52	0 14	17 32	4 23			
M 7	23 24	4 58	5 8	21 59	0 17	24 4	0 35	10 36	3 16	19 20	0 37	21 53	1 19	8 20	0 46	9 31	1 45	24 7	10 41	22 54	22 52	0 17	17 33	4 23			
T 8	23 26	9 23	4 47	21 41	0 31	24 6	0 37	10 25	3 18	19 21	0 37	21 53	1 19	8 19	0 46	9 32	1 45	24 8	10 41	22 54	22 52	0 19	17 33	4 23			
W 9	23 28	13 30	4 12	21 23	0 46	24 8	0 39	10 15	3 21	19 22	0 37	21 52	1 19	8 19	0 46	9 32	1 45	24 8	10 41	22 54	22 51	0 22	17 34	4 23			
T 10	23 29	17 8	3 25	21 5	1 1	24 8	0 41	10 5	3 23	19 24	0 37	21 52	1 19	8 18	0 46	9 33	1 45	24 9	10 41	22 54	22 51	0 25	17 34	4 23			
F 11	23 29	20 3	2 28	20 48	1 16	24 8	0 43	9 54	3 26	19 25	0 38	21 52	1 19	8 17	0 45	9 33	1 45	24 9	10 42	22 54	22 51	0 27	17 35	4 24			
S 12	23 30	22 3	1 21	20 30	1 32	24 7	0 45	9 44	3 28	19 26	0 38	21 52	1 19	8 17	0 45	9 33	1 46	24 10	10 42	22 54	22 50	0 30	17 35	4 24			
S 13	23 30	22 53	0 9	20 14	1 47	24 6	0 47	9 34	3 30	19 28	0 38	21 51	1 19	8 16	0 45	9 34	1 46	24 10	10 42	22 54	22 50	0 32	17 36	4 24			
M14	23 29	22 24	1n 5	19 58	2 3	24 3	0 49	9 24	3 33	19 29	0 38	21 51	1 19	8 15	0 45	9 34	1 46	24 11	10 43	22 54	22 50	0 35	17 36	4 24			
T 15	23 28	20 33	2 18	19 42	2 19	24 0	0 51	9 15	3 35	19 31	0 39	21 51	1 18	8 14	0 45	9 35	1 46	24 11	10 43	22 54	22 50	0 38	17 37	4 24			
W16	23 27	17 25	3 23	19 27	2 35	23 56	0 53	9 5	3 37	19 32	0 39	21 51	1 18	8 14	0 45	9 35	1 46	24 12	10 43	22 54	22 49	0 40	17 37	4 25			
T 17	23 25	13 14	4 16	19 14	2 50	23 52	0 55	8 55	3 40	19 34	0 39	21 51	1 18	8 13	0 45	9 35	1 46	24 12	10 43	22 54	22 49	0 43	17 38	4 25			
F 18	23 23	8 15	4 54	19 1	3 5	23 47	0 57	8 46	3 42	19 35	0 39	21 51	1 18	8 12	0 45	9 36	1 46	24 13	10 44	22 54	22 49	0 45	17 38	4 25			
S 19	23 21	2 50	5 13	18 49	3 20	23 41	0 59	8 36	3 45	19 37	0 39	21 50	1 18	8 11	0 45	9 36	1 46	24 13	10 44	22 53	22 48	0 48	17 39	4 25			
S 20	23 18	2n43	5 12	18 38	3 34	23 34	1 1	8 27	3 47	19 39	0 40	21 50	1 18	8 10	0 45	9 36	1 46	24 14	10 44	22 53	22 48	0 50	17 39	4 26			
M21	23 14	8 5	4 52	18 28	3 48	23 27	1 2	8 18	3 50	19 40	0 40	21 50	1 18	8 10	0 45	9 37	1 46	24 14	10 44	22 53	22 48	0 53	17 40	4 26			
T 22	23 11	12 58	4 15	18 20	4 0	23 19	1 4	8 9	3 52	19 42	0 40	21 50	1 18	8 9	0 45	9 37	1 46	24 15	10 45	22 53	22 47	0 56	17 40	4 26			
W23	23 7	17 6	3 24	18 13	4 11	23 10	1 6	8 0	3 54	19 44	0 40	21 50	1 17	8 8	0 45	9 37	1 46	24 15	10 45	22 53	22 47	0 58	17 41	4 26			
T 24	23 2	20 15	2 21	18 7	4 22	23 1	1 7	7 51	3 57	19 46	0 40	21 49	1 17	8 7	0 45	9 38	1 46	24 16	10 45	22 53	22 47	1 1	17 41	4 27			
F 25	22 57	22 13	1 11	18 2	4 31	22 51	1 9	7 43	3 59	19 47	0 41	21 49	1 17	8 6	0 45	9 38	1 46	24 16	10 45	22 54	22 46	1 3	17 41	4 27			
S 26	22 52	22 54	0s 1	17 59	4 38	22 40	1 11	7 34	4 2	19 49	0 41	21 49	1 17	8 5	0 45	9 38	1 46	24 17	10 46	22 54	22 46	1 6	17 42	4 27			
S 27	22 46	22 17	1 12	17 58	4 44	22 29	1 12	7 26	4 4	19 51	0 41	21 49	1 17	8 4	0 45	9 39	1 46	24 17	10 46	22 54	22 46	1 8	17 42	4 27			
M28	22 40	20 31	2 19	17 57	4 49	22 17	1 13	7 18	4 7	19 53	0 41	21 49	1 17	8 3	0 45	9 39	1 46	24 18	10 46	22 53	22 45	1 11	17 42	4 28			
T 29	22 33	17 45	3 17	17 58	4 51	22 4	1 15	7 10	4 9	19 55	0 41	21 49	1 17	8 2	0 45	9 39	1 46	24 19	10 46	22 53	22 45	1 14	17 43	4 28			
W30	22n26	14n13	4s 4	18n 1	4s52	21n51	1n16	7s 2	4s12	19s56	0s41	21s48	1n17	8n 1	0n45	9n39	1s47	24s19	10s47	22s53	22s45	1s16	17n43	4s28			

ASTRODIENST EPHEMERIS for the year 1546
geocentric

JULY 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 12 47	17 ⁵ 46'05	20 ⁸ 51	12°R22	29 ⁵ 16	22 ¹ 25	4°R 1	19°R25	11 ¹ 23	29 ¹ 30	22°R 8	17°R 5	15 ¹ 48	21 ¹ 28	11 ¹ 4	T 1
F 2	19 16 43	18°43'19	2 ¹ 56	11 ⁵ 50	0 ⁸ 30	22°50	3 ¹ 54	19 ¹ 22	11°26	29°30	22 ¹ 7	17 ¹ 0	15°45	21°34	11° 8	F 2
S 3	19 20 40	19°40'35	14°53	11°22	1°43	23°14	3°47	19°18	11°28	29°31	22° 6	16°55	15°41	21°41	11°13	S 3
S 4	19 24 36	20°37'50	26°46	10°57	2°57	23°38	3°39	19°15	11°31	29°32	22° 5	16°51	15°38	21°48	11°17	S 4
M 5	19 28 33	21°35'05	8 ¹ 39	10°37	4°11	24° 1	3°32	19°11	11°34	29°32	22° 4	16°49	15°35	21°55	11°21	M 5
T 6	19 32 29	22°32'21	20°35	10°21	5°25	24°24	3°24	19° 8	11°36	29°33	22° 2	16°D48	15°32	22° 1	11°26	T 6
W 7	19 36 26	23°29'38	2 ¹ 40	10°10	6°38	24°46	3°17	19° 5	11°39	29°34	22° 1	16°48	15°29	22° 8	11°30	W 7
T 8	19 40 22	24°26'54	14°58	10°D 5	7°52	25° 8	3° 9	19° 2	11°42	29°34	22° 0	16°50	15°26	22°15	11°34	T 8
F 9	19 44 19	25°24'11	27°34	10° 6	9° 6	25°29	3° 2	18°59	11°45	29°35	21°59	16°51	15°22	22°21	11°38	F 9
S 10	19 48 16	26°21'29	10 ¹ 32	10°12	10°20	25°50	2°54	18°56	11°48	29°35	21°58	16°R52	15°19	22°28	11°42	S 10
S 11	19 52 12	27°18'47	23°55	10°24	11°33	26°10	2°46	18°53	11°51	29°36	21°57	16°52	15°16	22°35	11°46	S 11
M12	19 56 9	28°16'06	7 ¹ 43	10°43	12°47	26°29	2°39	18°50	11°54	29°36	21°56	16°51	15°13	22°42	11°51	M12
T 13	20 0 5	29°13'25	21°55	11° 7	14° 1	26°48	2°31	18°47	11°57	29°36	21°54	16°47	15°10	22°48	11°54	T 13
W14	20 4 2	0 ⁸ 10'45	6 ¹ 26	11°38	15°14	27° 7	2°23	18°44	12° 0	29°37	21°53	16°42	15° 7	22°55	11°58	W14
T 15	20 7 58	1° 8'06	21°11	12°14	16°28	27°25	2°15	18°41	12° 3	29°37	21°52	16°35	15° 3	23° 2	12° 2	T 15
F 16	20 11 55	2° 5'28	6 ¹ 2	12°57	17°42	27°42	2° 8	18°39	12° 6	29°37	21°51	16°29	15° 0	23° 8	12° 6	F 16
S 17	20 15 51	3° 2'51	20°50	13°46	18°56	27°58	2° 0	18°36	12° 9	29°38	21°50	16°23	14°57	23°15	12°10	S 17
S 18	20 19 48	4° 0'15	5 ¹ 28	14°41	20° 9	28°14	1°52	18°34	12°12	29°38	21°48	16°18	14°54	23°22	12°14	S 18
M19	20 23 45	4°57'40	19°51	15°42	21°23	28°30	1°44	18°31	12°15	29°38	21°47	16°15	14°51	23°29	12°17	M19
T 20	20 27 41	5°55'07	3 ¹ 56	16°48	22°37	28°44	1°36	18°29	12°18	29°38	21°46	16°D14	14°47	23°35	12°21	T 20
W21	20 31 38	6°52'35	17°42	18° 0	23°50	28°58	1°29	18°27	12°21	29°38	21°45	16°14	14°44	23°42	12°25	W21
T 22	20 35 34	7°50'04	1 ¹ 11	19°18	25° 4	29°11	1°21	18°25	12°25	29°38	21°43	16°15	14°41	23°49	12°28	T 22
F 23	20 39 31	8°47'35	14°22	20°40	26°18	29°24	1°13	18°23	12°28	29°38	21°42	16°R16	14°38	23°56	12°32	F 23
S 24	20 43 27	9°45'07	27°19	22° 8	27°31	29°36	1° 6	18°21	12°31	29°R39	21°41	16°16	14°35	24° 2	12°35	S 24
S 25	20 47 24	10°42'40	10 ¹ 4	23°40	28°45	29°47	0°58	18°19	12°35	29°39	21°40	16°13	14°32	24° 9	12°39	S 25
M26	20 51 21	11°40'15	22° 37	25°16	29°59	29°57	0°50	18°17	12°38	29°38	21°38	16° 8	14°28	24°16	12°42	M26
T 27	20 55 17	12°37'50	5 ¹ 1	26°57	1 ¹ 12	0°15	0°43	18°16	12°41	29°38	21°37	16° 0	14°25	24°22	12°45	T 27
W28	20 59 14	13°35'27	17°15	28°41	2°26	0°15	0°36	18°14	12°45	29°38	21°36	15°51	14°22	24°29	12°48	W28
T 29	21 3 10	14°33'06	29°22	0 ⁸ 29	3°40	0°23	0°28	18°12	12°48	29°38	21°35	15°40	14°19	24°36	12°52	T 29
F 30	21 7 7	15°30'45	11 ¹ 21	2°20	4°53	0°30	0°21	18°11	12°52	29°38	21°33	15°29	14°16	24°43	12°55	F 30
S 31	21 11 3	16 ¹ 28'26	23 ¹ 15	4 ⁸ 13	6 ¹ 7	0°15	0°14	18 ¹ 10	12 ¹ 55	29 ¹ 38	21 ¹ 32	15 ¹ 18	14 ¹ 13	24 ¹ 49	12 ¹ 58	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n19	10n 9	4s40	18n 5	4s52	21n37	1n17	6s54	4s14	19s58	0s42	21s48	1n16	8n 0	0n45	9n39
F 2	22 11	5 45	5 2	18 10	4 50	21 22	1 19	6 47	4 17	20 0	0 42	21 48	1 16	7 59	0 45	9 40
S 3	22 3	1 11	5 11	18 16	4 46	21 7	1 20	6 39	4 19	20 2	0 42	21 48	1 16	7 58	0 45	9 40
S 4	21 55	3s24	5 7	18 23	4 40	20 51	1 21	6 32	4 22	20 4	0 42	21 48	1 16	7 57	0 45	9 40
M 5	21 46	7 52	4 49	18 32	4 34	20 35	1 22	6 25	4 24	20 6	0 42	21 48	1 16	7 56	0 45	9 40
T 6	21 36	12 3	4 19	18 41	4 25	20 18	1 23	6 18	4 26	20 8	0 43	21 48	1 16	7 55	0 45	9 40
W 7	21 27	15 49	3 37	18 51	4 16	20 0	1 24	6 12	4 29	20 10	0 43	21 48	1 16	7 54	0 45	9 40
T 8	21 17	18 59	2 45	19 2	4 6	19 42	1 24	6 5	4 31	20 12	0 43	21 47	1 15	7 53	0 45	9 41
F 9	21 7	21 20	1 43	19 13	3 54	19 24	1 25	5 59	4 34	20 14	0 43	21 47	1 15	7 52	0 45	9 41
S 10	20 56	22 39	0 34	19 25	3 42	19 5	1 26	5 53	4 36	20 15	0 43	21 47	1 15	7 50	0 44	9 41
S 11	20 45	22 43	0n38	19 38	3 28	18 45	1 27	5 47	4 39	20 17	0 43	21 47	1 15	7 49	0 44	9 41
M12	20 34	21 26	1 51	19 50	3 14	18 25	1 27	5 42	4 41	20 19	0 43	21 47	1 15	7 48	0 44	9 41
T 13	20 22	18 47	2 58	20 2	3 0	18 4	1 28	5 36	4 43	20 21	0 44	21 47	1 15	7 47	0 44	9 41
W14	20 10	14 54	3 56	20 15	2 45	17 43	1 28	5 31	4 46	20 23	0 44	21 47	1 14	7 46	0 44	9 41
T 15	19 57	10 4	4 38	20 27	2 30	17 21	1 29	5 26	4 48	20 25	0 44	21 47	1 14	7 45	0 44	9 41
F 16	19 45	4 38	5 3	20 38	2 15	16 59	1 29	5 22	4 51	20 27	0 44	21 47	1 14	7 43	0 44	9 41
S 17	19 31	1n 4	5 7	20 48	1 59	16 36	1 29	5 17	4 53	20 29	0 44	21 47	1 14	7 42	0 44	9 41
S 18	19 18	6 38	4 51	20 58	1 44	16 13	1 29	5 13	4 55	20 31	0 44	21 47	1 14	7 41	0 44	9 41
M19	19 4	11 44	4 17	21 7	1 28	15 49	1 30	5 9	4 57	20 33	0 44	21 47	1 14	7 40	0 44	9 41
T 20	18 50	16 7	3 28	21 14	1 13	15 25	1 30	5 5	5 0	20 34	0 45	21 47	1 13	7 39	0 44	9 41
W21	18 36	19 31	2 27	21 20	0 58	15 1	1 30	5 2	5 2	20 36	0 45	21 47	1 13	7 37	0 44	9 41
T 22	18 21	21 45	1 20	21 24	0 43	14 36	1 30	4 58	5 4	20 38	0 45	21 47	1 13	7 36	0 44	9 41
F 23	18 6	22 45	0 10	21 26	0 29	14 11	1 29	4 55	5 6	20 40	0 45	21 47	1 13	7 35	0 44	9 41
S 24	17 51	22 29	0s59	21 26	0 15	13 45	1 29	4 53	5 9	20 42	0 45	21 47	1 13	7 33	0 44	9 41
S 25	17 35	21 3	2 4	21 24	0 1	13 19	1 29	4 50	5 11	20 43	0 45	21 47	1 13	7 32	0 44	9 41
M26	17 20	18 36	3 2	21 19	0n12	12 53	1 29	4 48	5 13	20 45	0 45	21 47	1 12	7 31	0 44	9 41
T 27	17 3	15 20	3 50	21 12	0 24	12 27	1 28	4 46	5 15	20 47	0 45	21 47	1 12	7 30	0 44	9 41
W28	16 47	11 27	4 27	21 3	0 35	12 0	1 28	4 44	5 17	20 49	0 45	21 47	1 12	7 28	0 44	9 41
T 29	16 30	7 10	4 51	20 50	0 46	11 32	1 27	4 43	5 19	20 50	0 45	21 47	1 12	7 27	0 44	9 41
F 30	16 13	2 39	5 3	20 35	0 55	11 5	1 26	4 42	5 21	20 52	0 46	21 47	1 12	7 26	0 44	9 41
S 31	15n56	1s55	5s 1	20n18	1n 4	10n37	1n26	4s41	5s22	20s54	0s46	21s47	1n11	7n24	0n44	9n41

Julian Day Number = 2285915.5, Delta T = 187.50 sec

Ecliptic obliquity = 23°29'51, Nutation = 0°00'18, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°24'44, Lahiri = 17°31'44 Julian Calendar 1 July 1546 == Greg. Calendar 11 July 1546

ASTRODIENST EPHEMERIS for the year 1546
geocentric

SEPTEMBER 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 17 13	17 ^h 27'09"	19 ^m 38	3 ^h 22	15 ^h 19	27°R 1	27°R29	18 ^h 18	14 ^m 53	29°R15	20°R52	12°R 2	12 ^h 31	28 ^m 24	14 ^h 11	W 1
T 2	23 21 10	18°25'44"	1 ^h 51	4°56	16°32	26 ^h 44	27 ^h 37	18°20	14°57	29 ^h 14	20 ^h 50	12 ^h 31	12°28	28°31	14° 2	T 2
F 3	23 25 6	19°24'20"	14°21	6°29	17°45	26°27	27°24	18°22	15° 0	29°13	20°49	12° 0	12°24	28°38	14° 3	F 3
S 4	23 29 3	20°22'58"	27°11	8° 2	18°59	26°10	27°22	18°24	15° 4	29°12	20°48	12° 0	12°21	28°45	14° 4	S 4
S 5	23 32 59	21°21'38"	10 ^h 36	9°33	20°12	25°52	27°21	18°26	15° 8	29°10	20°47	11°59	12°18	28°51	14° 4	S 5
M 6	23 36 56	22°20'20"	24°10	11° 3	21°25	25°35	27°19	18°28	15°12	29° 9	20°46	11°56	12°15	28°58	14° 5	M 6
T 7	23 40 52	23°19'03"	8 ^h 25	12°32	22°38	25°17	27°17	18°30	15°16	29° 8	20°45	11°50	12°12	29° 5	14° 5	T 7
W 8	23 44 49	24°17'48"	23° 7	14° 0	23°51	25° 0	27°16	18°33	15°19	29° 6	20°44	11°42	12° 9	29°11	14° 6	W 8
T 9	23 48 45	25°16'35"	8 ^h 12	15°28	25° 4	24°42	27°15	18°35	15°23	29° 5	20°43	11°32	12° 5	29°18	14° 6	T 9
F 10	23 52 42	26°15'23"	23°30	16°54	26°18	24°25	27°14	18°38	15°27	29° 4	20°42	11°21	12° 2	29°25	14° 6	F 10
S 11	23 56 38	27°14'14"	8 ^h 51	18°19	27°31	24° 8	27°14	18°41	15°30	29° 2	20°41	11°11	11°59	29°32	14° 6	S 11
S 12	0 0 35	28°13'06"	24° 2	19°43	28°44	23°51	27°13	18°43	15°34	29° 1	20°40	11° 3	11°56	29°38	14°R 7	S 12
M13	0 4 32	29°12'01"	8 ^h 55	21° 6	29°57	23°34	27°13	18°46	15°38	29° 0	20°39	10°57	11°53	29°45	14° 7	M13
T 14	0 8 28	0 ^h 10'59"	23°21	22°27	1 ^m 10	23°17	27°D13	18°49	15°42	28°58	20°38	10°54	11°50	29°52	14° 6	T 14
W15	0 12 25	1° 9'58"	7 ^h 11	23°48	2°23	23° 1	27°13	18°52	15°45	28°57	20°37	10°D52	11°46	29°58	14° 6	W15
T 16	0 16 21	2° 9'00"	20°50	25° 7	3°36	22°45	27°13	18°55	15°49	28°55	20°36	10°53	11°43	0 ^h 5	14° 6	T 16
F 17	0 20 18	3° 8'05"	3 ^h 55	26°26	4°49	22°30	27°14	18°58	15°53	28°54	20°35	10°R53	11°40	0°12	14° 6	F 17
S 18	0 24 14	4° 7'11"	16°38	27°42	6° 2	22°15	27°14	19° 2	15°56	28°52	20°34	10°52	11°37	0°19	14° 5	S 18
S 19	0 28 11	5° 6'20"	29° 3	28°58	7°15	22° 0	27°15	19° 5	16° 0	28°51	20°33	10°49	11°34	0°25	14° 5	S 19
M20	0 32 7	6° 5'31"	11 ^h 11	0 ^h 11	8°28	21°46	27°16	19° 9	16° 3	28°49	20°33	10°44	11°30	0°32	14° 4	M20
T 21	0 36 4	7° 4'45"	23°19	1°24	9°40	21°33	27°18	19°12	16° 7	28°48	20°32	10°36	11°27	0°39	14° 4	T 21
W22	0 40 1	8° 4'00"	5 ^h 16	2°34	10°53	21°20	27°19	19°16	16°11	28°46	20°31	10°26	11°24	0°45	14° 3	W22
T 23	0 43 57	9° 3'18"	17° 9	3°43	12° 6	21° 8	27°21	19°19	16°14	28°45	20°30	10°15	11°21	0°52	14° 2	T 23
F 24	0 47 54	10° 2'38"	29° 1	4°50	13°19	20°56	27°23	19°23	16°18	28°43	20°29	10° 3	11°18	0°59	14° 1	F 24
S 25	0 51 50	11° 2'00"	10 ^h 53	5°54	14°32	20°45	27°25	19°27	16°21	28°42	20°29	9°51	11°15	1° 6	14° 0	S 25
S 26	0 55 47	12° 1'25"	22°46	6°57	15°45	20°35	27°27	19°31	16°25	28°40	20°28	9°41	11°11	1°12	13°59	S 26
M27	0 59 43	13° 0'51"	4 ^h 11	7°56	16°57	20°26	27°29	19°35	16°28	28°38	20°27	9°33	11° 8	1°19	13°58	M27
T 28	1 3 40	14° 0'19"	16°43	8°53	18°10	20°17	27°32	19°39	16°32	28°37	20°27	9°28	11° 5	1°26	13°57	T 28
W29	1 7 36	14°59'49"	28°51	9°47	19°23	20° 9	27°35	19°43	16°35	28°35	20°26	9°25	11° 2	1°32	13°56	W29
T 30	1 11 33	15 ^h 59'22"	11 ^h 9	10 ^m 38	20 ^m 36	20 ^h 2	27 ^h 38	19 ^h 47	16 ^m 39	28 ^h 34	20 ^h 25	9°D25	10 ^h 59	1 ^h 39	13 ^h 55	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n58	19s32	1s55	1s16	0n 5	5s35	0n30	6s12	5s28	21s29	0s47	21s53	1n 6	6n38	0n44	9n31	1s50	24s49	10s51	22s17	22s21	3s54	17n41	4s53			
T 2	4 35	21 27	0 53	2 0	0s 2	6 6	0 27	6 17	5 26	21 29	0 47	21 54	1 5	6 37	0 44	9 31	1 50	24 50	10 51	22 17	22 21	3 57	17 41	4 54			
F 3	4 12	22 22	0n12	2 44	0 10	6 36	0 25	6 21	5 23	21 30	0 47	21 54	1 5	6 36	0 44	9 30	1 50	24 50	10 51	22 17	22 20	3 59	17 40	4 54			
S 4	3 49	22 9	1 19	3 27	0 17	7 7	0 22	6 26	5 21	21 30	0 47	21 55	1 5	6 34	0 44	9 30	1 50	24 50	10 51	22 17	22 20	4 2	17 40	4 55			
S 5	3 26	20 41	2 24	4 10	0 25	7 37	0 19	6 30	5 18	21 30	0 47	21 55	1 5	6 33	0 44	9 29	1 50	24 51	10 51	22 17	22 19	4 4	17 40	4 55			
M 6	3 3	18 0	3 23	4 53	0 32	8 7	0 16	6 35	5 15	21 31	0 47	21 55	1 5	6 31	0 44	9 29	1 50	24 51	10 51	22 16	22 19	4 6	17 39	4 56			
T 7	2 40	14 9	4 12	5 35	0 40	8 37	0 13	6 39	5 13	21 31	0 47	21 56	1 5	6 30	0 44	9 28	1 50	24 51	10 51	22 16	22 19	4 9	17 39	4 56			
W 8	2 16	9 21	4 46	6 16	0 47	9 7	0 11	6 43	5 9	21 31	0 47	21 56	1 4	6 28	0 44	9 28	1 50	24 51	10 51	22 15	22 18	4 11	17 38	4 57			
T 9	1 53	3 52	5 1	6 57	0 55	9 36	0 8	6 47	5 6	21 31	0 47	21 56	1 4	6 27	0 44	9 27	1 51	24 52	10 50	22 13	22 18	4 14	17 38	4 57			
F 10	1 30	1n55	4 55	7 37	1 3	10 6	0 5	6 51	5 3	21 31	0 47	21 57	1 4	6 25	0 44	9 27	1 51	24 52	10 50	22 12	22 17	4 16	17 37	4 58			
S 11	1 6	7 36	4 27	8 17	1 10	10 35	0 2	6 55	4 59	21 32	0 47	21 57	1 4	6 24	0 44	9 26	1 51	24 52	10 50	22 10	22 17	4 19	17 37	4 58			
S 12	0 43	12 46	3 41	8 56	1 18	11 4	0s 1	6 58	4 56	21 32	0 47	21 58	1 4	6 23	0 44	9 26	1 51	24 52	10 50	22 9	22 16	4 21	17 36	4 59			
M13	0 19	17 2	2 41	9 34	1 25	11 33	0 4	7 2	4 52	21 32	0 47	21 58	1 4	6 21	0 44	9 25	1 51	24 53	10 50	22 8	22 16	4 23	17 36	4 59			
T 14	0s 4	20 8	1 32	10 11	1 32	12 1	0 7	7 5	4 48	21 32	0 46	21 58	1 3	6 20	0 44	9 25	1 51	24 53	10 50	22 8	22 16	4 26	17 35	4 59			
W15	0 28	21 54	0 19	10 48	1 40	12 29	0 10	7 7	4 44	21 32	0 46	21 59	1 3	6 18	0 44	9 24	1 51	24 53	10 50	22 8	22 15	4 28	17 35	5 0			
T 16	0 51	22 18	0s53	11 24	1 47	12 57	0 13	7 10	4 40	21 32	0 46	21 59	1 3	6 17	0 44	9 24	1 51	24 53	10 50	22 8	22 15	4 31	17 34	5 0			
F 17	1 15	21 27	1 59	11 59	1 54	13 25	0 16	7 12	4 36	21 31	0 46	22 0	1 3	6 15	0 44	9 23	1 51	24 53	10 49	22 8	22 14	4 33	17 34	5 1			
S 18	1 38	19 31	2 58	12 34	2 1	13 52	0 19	7 14	4 32	21 31	0 46	22 0	1 3	6 14	0 44	9 22	1 51	24 53	10 49	22 8	22 14	4 36	17 33	5 1			
S 19	2 2	16 42	3 47	13 7	2 8	14 19	0 22	7 16	4 27	21 31	0 46	22 1	1 3	6 13	0 44	9 22	1 51	24 54	10 49	22 7	22 13	4 38	17 33	5 2			
M20	2 26	13 12	4 24	13 39	2 14	14 45	0 25	7 18	4 23	21 31	0 46	22 1	1 2	6 11	0 44	9 21	1 51	24 54	10 49	22 7	22 13	4 40	17 32	5 2			
T 21	2 49	9 13	4 50	14 11	2 21	15 12	0 28	7 19	4 19	21 31	0 46	22 1	1 2	6 10	0 44	9 21	1 51	24 54	10 49	22 5	22 13	4 43	17 32	5 3			
W22	3 12	4 55	5 2	14 41	2 27	15 38	0 32	7 20	4 14	21 30	0 46	22 2	1 2	6 8	0 44	9 20	1 51	24 54	10 49	22 4	22 12	4 45	17 31	5 3			
T 23	3 36	0 28	5 1	15 11	2 33	16 3	0 35	7 21	4 10	21 30	0 46	22 2	1 2	6 7	0 44	9 20	1 51	24 54	10 49	22 2	22 12	4 48	17 31	5 4			
F 24	3 59	4s 0	4 47	15 39	2 38	16 28	0 38	7 21	4 5	21 29	0 46	22 3	1 2	6 6	0 44	9 19	1 51	24 54	10 48	22 1	22 11	4 50	17 30	5 4			
S 25	4 23	8 18	4 21	16 6	2 44	16 53	0 41	7 21	4 0	21 29	0 46	22 3	1 2	6 4	0 44	9 18	1 51	24 54	10 48	21 59	22 11	4 52	17 30	5 5			
S 26	4 46	12 19	3 43	16 31	2 49	17 18	0 44	7 21	3 56	21 28	0 46	22 4	1 1	6 3	0 44	9 18	1 51	24 54	10 48	21 57	22 10	4 55	17 29	5 5			
M27	5 9	15 52	2 55	16 55	2 53	17 42	0 47	7 20	3 51	21 28	0 46	22 4	1 1	6 2	0 44	9 17	1 51	24 54	10 48	21 56	22 10	4 57	17 28	5 6			
T 28	5 32	18 46	1 59	17 18	2 57	18 5	0 50	7 19	3 46	21 27	0 46	22 5	1 1	6 0	0 44	9 17	1 51	24 55	10 48	21 55	22 10	5 0	17 28	5 6			
W29	5 55	20 52	0 56	17 39	3 1	18 28	0 53	7 18	3 41	21 27	0 46	22 5	1 1	5 59	0 44	9 16	1 51	24 55	10 47	21 55	22 9	5 2	17 27	5 7			
T 30	6s18	22s 1	0n 9	17s58	3s 4	18s51	0s56	7s17	3s37	21s26	0s46	22s 6	1n 1	5n58	0n44	9n15	1s51	24s55	10s47	21s55	22s 9	5s 4	17n27	5s 7			

ASTRODIENST EPHEMERIS for the year 1546

geocentric

OCTOBER 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 15 30	16 ⁵⁸ 58'56	23 ⁴⁷ 42	11 ¹¹ 25	21 ¹¹ 48	19 ⁰ R55	27 ³⁴ 41	19 ⁰ 52	16 ¹¹ 42	28 ⁰ R32	20 ⁰ R25	9 ⁰ 25	10 ⁰ 56	1 ⁰ 46	13 ⁰ R53	F 1
S 2	1 19 26	17 ⁵⁸ 31	6 ³ 31	12° 8	23° 1	19 ⁰ 50	27°45	19°56	16°45	28 ⁰ Y30	20 ⁰ 24	9°27	10°52	1°53	13 ⁰ II52	S 2
S 3	1 23 23	18°58'09	19°42	12°46	24°14	19°45	27°48	20° 1	16°49	28°29	20°24	9°R27	10°49	1°59	13°50	S 3
M 4	1 27 19	19°57'48	3 ³ 18	13°20	25°26	19°41	27°52	20° 5	16°52	28°27	20°23	9°26	10°46	2° 6	13°49	M 4
T 5	1 31 16	20°57'29	17°20	13°48	26°39	19°38	27°56	20°10	16°55	28°25	20°22	9°23	10°43	2°13	13°47	T 5
W 6	1 35 12	21°57'11	1 ¹ 48	14°10	27°51	19°35	28° 0	20°15	16°59	28°24	20°22	9°19	10°40	2°19	13°45	W 6
T 7	1 39 9	22°56'56	16°39	14°26	29° 4	19°34	28° 4	20°19	17° 2	28°22	20°21	9°12	10°36	2°26	13°43	T 7
F 8	1 43 5	23°56'42	1 ⁰ 46	14°34	0 ⁰ 16	19°D33	28° 9	20°24	17° 5	28°20	20°21	9° 5	10°33	2°33	13°42	F 8
S 9	1 47 2	24°56'30	16°59	14°R35	1°28	19°33	28°14	20°29	17° 8	28°19	20°21	8°58	10°30	2°40	13°40	S 9
S 10	1 50 59	25°56'20	2 ⁸ 9	14°28	2°41	19°34	28°18	20°34	17°12	28°17	20°20	8°53	10°27	2°46	13°38	S 10
M 11	1 54 55	26°56'12	17° 5	14°12	3°53	19°35	28°23	20°39	17°15	28°15	20°20	8°49	10°24	2°53	13°36	M 11
T 12	1 58 52	27°56'06	1 ¹¹ 39	13°47	5° 5	19°38	28°29	20°44	17°18	28°14	20°19	8°47	10°21	3° 0	13°33	T 12
W 13	2 2 48	28°56'02	15°46	13°12	6°18	19°41	28°34	20°49	17°21	28°12	20°19	8°D47	10°17	3° 6	13°31	W 13
T 14	2 6 45	29°56'00	29°26	12°29	7°30	19°45	28°40	20°54	17°24	28°10	20°19	8°48	10°14	3°13	13°29	T 14
F 15	2 10 41	0 ¹¹ 56'01	12 ²⁸ 38	11°36	8°42	19°49	28°45	21° 0	17°27	28° 9	20°19	8°50	10°11	3°20	13°27	F 15
S 16	2 14 38	1°56'04	25°26	10°36	9°54	19°55	28°51	21° 5	17°30	28° 7	20°18	8°51	10° 8	3°27	13°24	S 16
S 17	2 18 34	2°56'09	7 ¹² 54	9°28	11° 6	20° 1	28°57	21°11	17°33	28° 5	20°18	8°R51	10° 5	3°33	13°22	S 17
M 18	2 22 31	3°56'16	20° 6	8°14	12°18	20° 8	29° 4	21°16	17°36	28° 3	20°18	8°50	10° 1	3°40	13°19	M 18
T 19	2 26 28	4°56'25	2 ¹¹ 7	6°57	13°30	20°15	29°10	21°21	17°39	28° 2	20°18	8°47	9°58	3°47	13°17	T 19
W 20	2 30 24	5°56'36	14° 1	5°38	14°42	20°24	29°16	21°27	17°41	28° 0	20°18	8°42	9°55	3°53	13°14	W 20
T 21	2 34 21	6°56'49	25°53	4°21	15°54	20°33	29°23	21°33	17°44	27°58	20°17	8°37	9°52	4° 0	13°11	T 21
F 22	2 38 17	7°57'04	7 ¹² 44	3° 6	17° 6	20°42	29°30	21°38	17°47	27°57	20°17	8°31	9°49	4° 7	13° 9	F 22
S 23	2 42 14	8°57'21	19°38	1°58	18°18	20°53	29°37	21°44	17°50	27°55	20°17	8°25	9°46	4°13	13° 6	S 23
S 24	2 46 10	9°57'40	1 ¹¹ 36	0°58	19°30	21° 4	29°44	21°50	17°52	27°53	20°17	8°21	9°42	4°20	13° 3	S 24
M 25	2 50 7	10°58'01	13°41	0° 8	20°42	21°16	29°52	21°56	17°55	27°52	20°D17	8°17	9°39	4°27	13° 0	M 25
T 26	2 54 3	11°58'23	25°53	29 ¹² 28	21°53	21°28	29°59	22° 2	17°58	27°50	20°17	8°15	9°36	4°34	12°57	T 26
W 27	2 58 0	12°58'48	8 ¹² 15	28°59	23° 5	21°41	0 ⁰ 7	22° 8	18° 0	27°49	20°17	8°D14	9°33	4°40	12°54	W 27
T 28	3 1 56	13°59'13	20°48	28°43	24°17	21°55	0°15	22°14	18° 3	27°47	20°17	8°15	9°30	4°47	12°51	T 28
F 29	3 5 53	14°59'41	3 ³ 32	28°D38	25°28	22° 9	0°23	22°20	18° 5	27°45	20°17	8°16	9°27	4°54	12°48	F 29
S 30	3 9 50	16° 0'09	16°32	28°44	26°40	22°24	0°31	22°26	18° 8	27°44	20°18	8°18	9°23	5° 0	12°45	S 30
S 31	3 13 46	17 ¹¹ 0'39	29 ³ 47	29 ¹² 1	27 ¹² 51	22 ¹² 39	0 ⁰ 39	22 ¹² 32	18 ¹¹ 10	27 ¹² 42	20 ¹² 18	8 ¹² 19	9 ¹² 20	5 ¹² 7	12 ¹² 42	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	6s41	22s 5	1n16	18s15	3s 7	19s13	0s59	7s15	3s32	21s25	0s46	22s 6	1n 1	5n56	0n44	9n15	1s51	24s55	10s47	21s55	22s 8	5s 7	17n26	5s 7			
S 2	7 4	21 0	2 21	18 31	3 9	19 35	1 2	7 13	3 27	21 25	0 46	22 7	1 0	5 55	0 44	9 14	1 51	24 55	10 47	21 55	22 8	5 9	17 25	5 8			
S 3	7 27	18 45	3 20	18 44	3 10	19 56	1 5	7 10	3 22	21 24	0 46	22 7	1 0	5 54	0 44	9 14	1 51	24 55	10 47	21 55	22 7	5 12	17 25	5 8			
M 4	7 49	15 25	4 9	18 55	3 11	20 16	1 8	7 7	3 18	21 23	0 46	22 8	1 0	5 52	0 44	9 13	1 51	24 55	10 47	21 55	22 7	5 14	17 24	5 9			
T 5	8 12	11 8	4 46	19 3	3 11	20 37	1 11	7 4	3 13	21 22	0 46	22 8	1 0	5 51	0 44	9 12	1 51	24 55	10 46	21 55	22 6	5 16	17 24	5 9			
W 6	8 34	6 6	5 5	19 8	3 9	20 56	1 14	7 1	3 8	21 21	0 46	22 9	1 0	5 50	0 44	9 12	1 51	24 55	10 46	21 54	22 6	5 19	17 23	5 10			
T 7	8 57	0 35	5 6	19 11	3 7	21 15	1 17	6 57	3 4	21 21	0 46	22 9	1 0	5 49	0 44	9 11	1 51	24 55	10 46	21 53	22 5	5 21	17 22	5 10			
F 8	9 19	5n 3	4 45	19 10	3 3	21 34	1 20	6 53	2 59	21 20	0 46	22 10	1 0	5 47	0 44	9 11	1 51	24 55	10 46	21 52	22 5	5 23	17 22	5 11			
S 9	9 41	10 26	4 3	19 5	2 58	21 52	1 23	6 49	2 55	21 19	0 46	22 10	0 59	5 46	0 44	9 10	1 51	24 55	10 46	21 51	22 5	5 26	17 21	5 11			
S 10	10 3	15 9	3 5	18 57	2 52	22 9	1 26	6 45	2 50	21 18	0 46	22 11	0 59	5 45	0 44	9 9	1 51	24 55	10 45	21 50	22 4	5 28	17 20	5 11			
M11	10 24	18 49	1 55	18 45	2 44	22 26	1 29	6 40	2 45	21 17	0 45	22 11	0 59	5 44	0 44	9 9	1 51	24 54	10 45	21 49	22 4	5 31	17 20	5 12			
T 12	10 46	21 10	0 39	18 28	2 35	22 42	1 31	6 35	2 41	21 15	0 45	22 12	0 59	5 43	0 44	9 8	1 51	24 54	10 45	21 49	22 3	5 33	17 19	5 12			
W13	11 7	22 6	0s38	18 7	2 24	22 57	1 34	6 30	2 37	21 14	0 45	22 12	0 59	5 41	0 44	9 8	1 51	24 54	10 45	21 49	22 3	5 35	17 18	5 13			
T 14	11 29	21 40	1 50	17 42	2 11	23 12	1 37	6 24	2 32	21 13	0 45	22 13	0 59	5 40	0 44	9 7	1 51	24 54	10 45	21 49	22 2	5 38	17 18	5 13			
F 15	11 50	20 1	2 54	17 11	1 56	23 27	1 40	6 18	2 28	21 12	0 45	22 13	0 59	5 39	0 44	9 6	1 51	24 54	10 44	21 50	22 2	5 40	17 17	5 13			
S 16	12 10	17 23	3 47	16 37	1 40	23 40	1 42	6 12	2 24	21 11	0 45	22 14	0 58	5 38	0 44	9 6	1 51	24 54	10 44	21 50	22 1	5 42	17 16	5 14			
S 17	12 31	14 2	4 28	15 58	1 22	23 53	1 45	6 6	2 19	21 9	0 45	22 14	0 58	5 37	0 44	9 5	1 51	24 54	10 44	21 50	22 1	5 45	17 16	5 14			
M18	12 52	10 9	4 55	15 16	1 3	24 6	1 47	5 59	2 15	21 8	0 45	22 14	0 58	5 36	0 45	9 5	1 51	24 54	10 44	21 50	22 0	5 47	17 15	5 15			
T 19	13 12	5 56	5 10	14 32	0 43	24 17	1 50	5 53	2 11	21 7	0 45	22 15	0 58	5 35	0 45	9 4	1 51	24 54	10 43	21 49	22 0	5 49	17 14	5 15			
W20	13 32	1 32	5 10	13 47	0 22	24 28	1 52	5 46	2 7	21 5	0 45	22 15	0 58	5 34	0 45	9 4	1 51	24 53	10 43	21 48	21 59	5 52	17 14	5 15			
T 21	13 52	2s55	4 58	13 1	0 1	24 39	1 54	5 38	2 3	21 4	0 45	22 16	0 58	5 33	0 45	9 3	1 51	24 53	10 43	21 48	21 59	5 54	17 13	5 16			
F 22	14 12	7 15	4 32	12 17	0n19	24 48	1 57	5 31	1 59	21 2	0 45	22 16	0 58	5 31	0 45	9 2	1 51	24 53	10 43	21 47	21 59	5 56	17 12	5 16			
S 23	14 31	11 19	3 55	11 35	0 39	24 57	1 59	5 23	1 55	21 1	0 45	22 17	0 58	5 30	0 45	9 2	1 51	24 53	10 43	21 46	21 58	5 59	17 11	5 16			
S 24	14 50	14 59	3 7	10 57	0 57	25 5	2 1	5 15	1 51	20 59	0 45	22 17	0 57	5 29	0 45	9 1	1 51	24 53	10 42	21 45	21 58	6 1	17 11	5 17			
M25	15 9	18 4	2 11	10 24	1 14	25 13	2 3	5 7	1 48	20 58	0 45	22 18	0 57	5 28	0 45	9 1	1 51	24 52	10 42	21 44	21 57	6 3	17 10	5 17			
T 26	15 28	20 22	1 7	9 55	1 29	25 20	2 5	4 59	1 44	20 56	0 45	22 18	0 57	5 27	0 45	9 0	1 51	24 52	10 42	21 44	21 57	6 6	17 9	5 18			
W27	15 46	21 44	0n 0	9 33	1 42	25 26	2 7	4 51	1 40	20 54	0 45	22 19	0 57	5 26	0 45	8 59	1 51	24 52	10 42	21 44	21 56	6 8	17 9	5 18			
T 28	16 5	22 2	1 9	9 17	1 53	25 31	2 9	4 42	1 37	20 53	0 45	22 19	0 57	5 25	0 45	8 59	1 51	24 52	10 41	21 44	21 56	6 10	17 8	5 18			
F 29	16 22	21 12	2 15	9 6	2 3	25 36	2 11	4 33	1 33	20 51	0 45	22 20	0 57	5 25	0 45	8 58	1 51	24 52	10 41	21 44	21 55	6 13	17 7	5 19			
S 30	16 40	19 14	3 16	9 1	2 10	25 40	2 12	4 24	1 30	20 49	0 45	22 20	0 57	5 24	0 45	8 58	1 51	24 51	10 41	21 45	21 55	6 15	17 7	5 19			
S 31	16s57	16s13	4n 7	9s 2	2n16	25s43	2s14	4s15	1s26	20s47	0s45	22s21	0n57	5n23	0n45	8n57	1s51	24s51	10s41	21s45	21s54	6s17	17n 6	5s19			

ASTRODIENST EPHEMERIS for the year 1546
geocentric

DECEMBER 1546 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 15 59	18°26'48	22°31'13	9°23	4°00	4°23	5°56	25°59	19°00	27°03	20°35	8°09	7°42	8°35	10°R50	W 1
T 2	5 19 56	19°27'53	6°17	10°56	5°08	4°51	6°08	26°06	19°01	27°02	20°36	8°09	7°39	8°42	10°II46	T 2
F 3	5 23 53	20°29'00	20°35	12°29	6°16	5°19	6°20	26°13	19°02	27°01	20°37	8°10	7°35	8°48	10°43	F 3
S 4	5 27 49	21°30'06	4°57	14°02	7°23	5°48	6°32	26°20	19°02	27°00	20°38	8°11	7°32	8°55	10°39	S 4
S 5	5 31 46	22°31'13	19°18	15°36	8°30	6°17	6°44	26°27	19°03	26°59	20°39	8°12	7°29	9°02	10°35	S 5
M 6	5 35 42	23°32'20	3°II33	17°09	9°38	6°46	6°56	26°34	19°03	26°58	20°40	8°R13	7°26	9°09	10°32	M 6
T 7	5 39 39	24°33'27	17°39	18°43	10°45	7°16	7°09	26°41	19°04	26°58	20°41	8°13	7°23	9°15	10°28	T 7
W 8	5 43 35	25°34'35	1°53	20°17	11°51	7°46	7°21	26°48	19°04	26°57	20°42	8°12	7°19	9°22	10°25	W 8
T 9	5 47 32	26°35'43	15°05	21°51	12°58	8°15	7°34	26°55	19°05	26°56	20°43	8°10	7°16	9°29	10°21	T 9
F 10	5 51 28	27°36'52	28°20	23°25	14°04	8°45	7°46	27°02	19°05	26°56	20°44	8°07	7°13	9°35	10°17	F 10
S 11	5 55 25	28°38'01	11°15	25°00	15°10	9°16	7°59	27°09	19°05	26°55	20°46	8°04	7°10	9°42	10°14	S 11
S 12	5 59 22	29°39'10	23°51	26°35	16°16	9°46	8°11	27°16	19°05	26°54	20°47	8°00	7°07	9°49	10°10	S 12
M13	6 03 18	0°34'20	6°10	28°10	17°21	10°17	8°24	27°24	19°06	26°54	20°48	7°58	7°04	9°55	10°07	M13
T14	6 07 15	1°41'30	18°15	29°46	18°26	10°48	8°37	27°31	19°06	26°53	20°49	7°56	7°00	10°02	10°04	T14
W15	6 11 11	2°42'41	0°11	1°21	19°31	11°19	8°50	27°38	19°06	26°53	20°50	7°D55	6°57	10°09	10°00	W15
T16	6 15 08	3°43'51	12°02	2°58	20°36	11°50	9°03	27°45	19°06	26°52	20°52	7°55	6°54	10°16	9°57	T16
F17	6 19 04	4°45'03	23°54	4°34	21°41	12°21	9°16	27°52	19°06	26°52	20°53	7°56	6°51	10°22	9°54	F17
S18	6 23 01	5°46'14	5°11	6°11	22°45	12°53	9°29	27°59	19°05	26°52	20°54	7°58	6°48	10°29	9°50	S18
S19	6 26 57	6°47'26	17°57	7°48	23°48	13°25	9°42	28°06	19°05	26°51	20°55	8°00	6°45	10°36	9°47	S19
M20	6 30 54	7°48'38	0°18	9°25	24°52	13°57	9°55	28°13	19°05	26°51	20°57	8°01	6°41	10°42	9°44	M20
T21	6 34 51	8°49'50	12°55	11°03	25°55	14°29	10°09	28°20	19°05	26°51	20°58	8°R01	6°38	10°49	9°41	T21
W22	6 38 47	9°51'02	25°52	12°42	26°58	15°01	10°22	28°27	19°04	26°50	20°59	8°00	6°35	10°56	9°38	W22
T23	6 42 44	10°52'14	9°37	14°20	28°00	15°33	10°35	28°34	19°04	26°50	21°01	7°57	6°32	11°03	9°35	T23
F24	6 46 40	11°53'26	22°41	15°59	29°02	16°06	10°49	28°41	19°03	26°50	21°02	7°52	6°29	11°09	9°32	F24
S25	6 50 37	12°54'38	6°30	17°39	0°14	16°38	11°02	28°48	19°03	26°50	21°04	7°47	6°25	11°16	9°29	S25
S26	6 54 33	13°55'49	20°31	19°19	1°06	17°11	11°16	28°54	19°02	26°50	21°05	7°41	6°22	11°23	9°26	S26
M27	6 58 30	14°56'59	4°40	20°59	2°06	17°44	11°29	29°01	19°02	26°50	21°06	7°35	6°19	11°29	9°23	M27
T28	7 02 26	15°58'09	18°53	22°39	3°07	18°17	11°43	29°08	19°01	26°50	21°08	7°31	6°16	11°36	9°20	T28
W29	7 06 23	16°59'18	3°16	24°20	4°07	18°50	11°57	29°15	19°00	26°D50	21°09	7°28	6°13	11°43	9°17	W29
T30	7 10 20	18°00'26	17°16	26°01	5°07	19°24	12°11	29°22	18°59	26°50	21°11	7°D27	6°10	11°49	9°15	T30
F31	7 14 16	19°01'34	1°18	27°34	6°16	19°57	12°22	29°29	18°59	26°50	21°12	7°28	6°07	11°56	9°12	F31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	23s 0	1n33 5n 8	22s11 0s16	21s30 2s15	1n39 0s 6	19s33 0s44	22s33 0n54	5n 4 0n46	8n44 1s50	24s39 10s34	21s43 21s39	7s28 16n46	5s25			
T 2	23 5 6 46	4 40 22 31	0 23 21 11	2 14 1 52	0 4 19 30	0 44 22 33	0 53 5 4	0 46 8 44	1 50 24 39	10 34 21 43	21 38 7 30	16 45 5 25				
F 3	23 9 11 40	3 54 22 50	0 29 20 53	2 12 2 5	0 3 19 27	0 44 22 33	0 53 5 4	0 46 8 44	1 50 24 38	10 34 21 43	21 38 7 33	16 45 5 25				
S 4	23 13 15 56	2 54 23 8	0 36 20 33	2 10 2 18	0 1 19 24	0 44 22 33	0 53 5 3	0 46 8 43	1 50 24 38	10 34 21 44	21 37 7 35	16 44 5 25				
S 5	23 17 19 14	1 43 23 25	0 42 20 14	2 7 2 31	0n 1 19 21	0 44 22 34	0 53 5 3	0 46 8 43	1 50 24 37	10 33 21 44	21 37 7 37	16 44 5 25				
M 6	23 20 21 20	0 26 23 41	0 48 19 53	2 5 2 44	0 3 19 18	0 44 22 34	0 53 5 3	0 46 8 43	1 50 24 37	10 33 21 44	21 36 7 39	16 43 5 25				
T 7	23 23 22 4	0s52 23 55	0 54 19 33	2 2 2 57	0 4 19 14	0 44 22 34	0 53 5 3	0 46 8 43	1 50 24 36	10 33 21 44	21 36 7 42	16 43 5 25				
W 8	23 25 21 24	2 5 24 8	1 0 19 11	2 0 3 11	0 6 19 11	0 44 22 34	0 53 5 3	0 46 8 42	1 50 24 35	10 33 21 44	21 35 7 44	16 42 5 25				
T 9	23 27 19 30	3 10 24 21	1 6 18 50	1 57 3 24	0 8 19 8	0 44 22 35	0 53 5 3	0 46 8 42	1 49 24 35	10 33 21 43	21 35 7 46	16 42 5 25				
F 10	23 29 16 35	4 2 24 31	1 11 18 28	1 54 3 37	0 9 19 5	0 44 22 35	0 53 5 3	0 47 8 42	1 49 24 34	10 33 21 43	21 34 7 48	16 41 5 25				
S 11	23 29 12 56	4 4 24 41	1 17 18 6	1 51 3 51	0 11 19 2	0 44 22 35	0 53 5 3	0 47 8 42	1 49 24 34	10 32 21 42	21 34 7 50	16 41 5 25				
S 12	23 30 8 48	5 5 24 49	1 22 17 43	1 48 4 4	0 12 18 58	0 44 22 35	0 53 5 3	0 47 8 42	1 49 24 33	10 32 21 42	21 33 7 53	16 40 5 25				
M13	23 30 4 24	5 15 24 56	1 27 17 20	1 44 4 18	0 14 18 55	0 44 22 36	0 53 5 3	0 47 8 42	1 49 24 33	10 32 21 41	21 32 7 55	16 40 5 25				
T14	23 29 0s 6	5 10 25 1	1 31 16 56	1 41 4 31	0 15 18 52	0 44 22 36	0 53 5 3	0 47 8 41	1 49 24 32	10 32 21 41	21 32 7 57	16 39 5 25				
W15	23 28 4 32	4 51 25 5	1 36 16 32	1 37 4 45	0 17 18 48	0 44 22 36	0 53 5 3	0 47 8 41	1 49 24 32	10 32 21 41	21 31 7 59	16 39 5 25				
T16	23 27 8 46	4 21 25 8	1 40 16 8	1 33 4 58	0 18 18 45	0 44 22 36	0 53 5 3	0 47 8 41	1 49 24 31	10 32 21 41	21 31 8 1	16 39 5 24				
F17	23 25 12 41	3 39 25 9	1 44 15 43	1 29 5 12	0 20 18 41	0 44 22 36	0 53 5 3	0 47 8 41	1 49 24 31	10 32 21 41	21 30 8 4	16 38 5 24				
S18	23 22 16 8	2 48 25 9	1 48 15 19	1 25 5 25	0 21 18 38	0 44 22 36	0 52 5 3	0 47 8 41	1 49 24 30	10 31 21 41	21 30 8 6	16 38 5 24				
S19	23 19 18 57	1 48 25 7	1 51 14 53	1 21 5 39	0 22 18 34	0 44 22 37	0 52 5 3	0 47 8 41	1 49 24 29	10 31 21 42	21 29 8 8	16 38 5 24				
M20	23 16 20 57	0 42 25 3	1 54 14 28	1 16 5 53	0 24 18 31	0 44 22 37	0 52 5 3	0 47 8 41	1 49 24 29	10 31 21 42	21 29 8 10	16 37 5 24				
T21	23 12 21 58	0n27 24 59	1 57 14 2	1 12 6 6	0 25 18 27	0 44 22 37	0 52 5 3	0 47 8 41	1 49 24 28	10 31 21 42	21 28 8 12	16 37 5 24				
W22	23 8 21 50	1 36 24 52	1 59 13 36	1 7 6 20	0 26 18 24	0 44 22 37	0 52 5 3	0 47 8 41	1 49 24 28	10 31 21 42	21 28 8 15	16 36 5 24				
T23	23 3 20 30	2 42 24 44	2 1 13 10	1 2 6 34	0 28 18 20	0 44 22 37	0 52 5 4	0 47 8 41	1 49 24 27	10 31 21 41	21 27 8 17	16 36 5 24				
F24	22 58 17 58	3 40 24 35	2 3 12 44	0 57 6 47	0 29 18 16	0 44 22 37	0 52 5 4	0 47 8 41	1 49 24 27	10 31 21 40	21 27 8 19	16 36 5 24				
S25	22 52 14 24	4 26 24 23	2 5 12 17	0 52 7 1	0 30 18 13	0 44 22 37	0 52 5 4	0 47 8 41	1 49 24 26	10 30 21 40	21 26 8 21	16 36 5 24				
S26	22 46 9 59	4 57 24 10	2 6 11 50	0 47 7 15	0 31 18 9	0 44 22 38	0 52 5 4	0 47 8 41	1 48 24 25	10 30 21 39	21 25 8 23	16 35 5 23				
M27	22 39 5 0	5 10 23 56	2 6 11 24	0 41 7 28	0 32 18 5	0 44 22 38	0 52 5 5	0 47 8 41	1 48 24 25	10 30 21 38	21 25 8 26	16 35 5 23				
T28	22 32 0n16	5 5 23 40	2 6 10 56	0 36 7 42	0 33 18 1	0 44 22 38	0 52 5 5	0 47 8 41	1 48 24 24	10 30 21 37	21 24 8 28	16 35 5 23				
W29	22 25 5 31	4 40 23 22	2 6 10 29	0 30 7 56	0 34 17 58	0 44 22 38	0 52 5 5	0 47 8 41	1 48 24 24	10 30 21 36	21 24 8 30	16 35 5 23				
T30	22 17 10 28	3 59 23 3	2 5 10 2	0 24 8 9	0 36 17 54	0 44 22 38	0 52 5 6	0 47 8 41	1 48 24 23	10 30 21 36	21 23 8 32	16 34 5 23				
F31	22s 9 14n50	3n 3 22s42	2s 4 9s34	0s18 8n23	0n37 17s50	0s44 22s38	0n52 5n 6	0n47 8n41	1s48 24s22	10s30 21s36	21s23 8s34	16n34 5s23				

Julian Day Number = 2286068.5, Delta T = 186.58 sec
Ecliptic obliquity = 23°29'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°25'05, Lahiri = 17°32'05 Julian Calendar 1 Dec. 1546 == Greg. Calendar 11 Dec. 1546