



Astrodienst Ephemeris Tables for the year 2227

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 2227
geocentric

JANUARY 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 39 57	9°34'52"	11°11'56"	24°R 0	29°M 34	12°J 22	29°R 28	2°A 44	5°M 16	24°R 1	22°A 36	26°R 30	24°B 41	19°M 41	3°R 14	M 1
T 2	6 43 54	10°46'35"	24°22'	23°B 30	0°J 46	13° 4	29°II 21	2°51	5°18	23°II 59	22°36	26°B 27	24°38	19°48	3°B 13	T 2
W 3	6 47 51	11°47'42"	6°54'40"	22°47'	1°58	13°46	29°13	2°58	5°21	23°57	22°37	26°21	24°35	19°55	3°13	W 3
T 4	6 51 47	12°48'49"	18°49'	21°54	3°10	14°29	29° 5	3° 5	5°23	23°56	22°38	26°13	24°31	20° 1	3°12	T 4
F 5	6 55 44	13°49'56"	0°02'52"	20°50	4°22	15°11	28°57	3°12	5°24	23°54	22°39	26° 4	24°28	20° 8	3°11	F 5
S 6	6 59 40	14°51'04"	12°49'	19°39	5°34	15°53	28°50	3°18	5°26	23°53	22°40	25°54	24°25	20°15	3°11	S 6
S 7	7 3 37	15°52'12"	24°42'	18°22	6°47	16°36	28°42	3°25	5°28	23°51	22°40	25°44	24°22	20°22	3°11	S 7
M 8	7 7 33	16°53'19"	6°11'33"	17° 1	7°59	17°19	28°35	3°32	5°30	23°49	22°41	25°36	24°19	20°28	3°10	M 8
T 9	7 11 30	17°54'27"	18°25'	15°40	9°12	18° 1	28°28	3°39	5°32	23°48	22°41	25°29	24°15	20°35	3°10	T 9
W10	7 15 26	18°55'36"	0°A 23	14°21	10°24	18°44	28°20	3°46	5°34	23°46	22°42	25°25	24°12	20°42	3°10	W10
T 11	7 19 23	19°56'44"	12°30'	13° 6	11°37	19°26	28°13	3°53	5°35	23°45	22°43	25°23	24° 9	20°48	3° 9	T 11
F 12	7 23 20	20°57'53"	24°50'	11°57	12°50	20° 9	28° 6	4° 0	5°37	23°43	22°43	25°D 22	24° 6	20°55	3° 9	F 12
S 13	7 27 16	21°59'01"	7°M 30	10°57	14° 2	20°52	27°59	4° 7	5°38	23°42	22°44	25°23	24° 3	21° 2	3° 9	S 13
S 14	7 31 13	23° 0'10"	20°34'	10° 5	15°15	21°34	27°53	4°14	5°40	23°41	22°44	25°R 24	24° 0	21° 9	3°D 9	S 14
M15	7 35 9	24° 1'19"	4°J 5	9°23	16°28	22°17	27°46	4°21	5°41	23°39	22°44	25°24	23°56	21°15	3° 9	M15
T 16	7 39 6	25° 2'28"	18° 5	8°51	17°41	23° 0	27°40	4°28	5°43	23°38	22°45	25°21	23°53	21°22	3° 9	T 16
W17	7 43 2	26° 3'37"	2°B 34	8°28	18°54	23°43	27°33	4°36	5°44	23°36	22°45	25°17	23°50	21°29	3°10	W17
T 18	7 46 59	27° 4'46"	17°27'	8°15	20° 7	24°26	27°27	4°43	5°45	23°35	22°45	25° 9	23°47	21°36	3°10	T 18
F 19	7 50 55	28° 5'54"	2°A 36	8°D 12	21°20	25° 9	27°21	4°50	5°47	23°34	22°46	25° 0	23°44	21°42	3°10	F 19
S 20	7 54 52	29° 7'02"	17°51'	8°16	22°33	25°52	27°15	4°57	5°48	23°32	22°46	24°50	23°41	21°49	3°10	S 20
S 21	7 58 49	0°A 8'09"	3°J 1	8°29	23°46	26°35	27° 9	5° 4	5°49	23°31	22°46	24°40	23°37	21°56	3°11	S 21
M22	8 2 45	1° 9'16"	17°56'	8°49	24°59	27°18	27° 4	5°11	5°50	23°30	22°46	24°32	23°34	22° 2	3°11	M22
T 23	8 6 42	2°10'21"	2°J 29	9°15	26°13	28° 1	26°58	5°18	5°51	23°28	22°46	24°26	23°31	22° 9	3°12	T 23
W24	8 10 38	3°11'26"	16°35'	9°47	27°26	28°44	26°53	5°25	5°52	23°27	22°46	24°22	23°28	22°16	3°12	W24
T 25	8 14 35	4°12'30"	0°B 15	10°25	28°39	29°27	26°48	5°33	5°53	23°26	22°R 46	24°D 21	23°25	22°23	3°13	T 25
F 26	8 18 31	5°13'33"	13°30'	11° 8	29°53	0°B 10	26°43	5°40	5°54	23°25	22°46	24°21	23°21	22°29	3°14	F 26
S 27	8 22 28	6°14'35"	26°24'	11°55	1°B 6	0°54	26°38	5°47	5°54	23°24	22°46	24°R 21	23°18	22°36	3°15	S 27
S 28	8 26 24	7°15'36"	9°II 0	12°46	2°19	1°37	26°34	5°54	5°55	23°23	22°46	24°21	23°15	22°43	3°15	S 28
M29	8 30 21	8°16'36"	21°23'	13°40	3°33	2°20	26°29	6° 1	5°56	23°21	22°46	24°17	23°12	22°49	3°16	M29
T 30	8 34 18	9°17'36"	3°B 36	14°38	4°46	3° 3	26°25	6° 8	5°56	23°20	22°46	24°11	23° 9	22°56	3°17	T 30
W31	8 38 14	10°A 18'34"	15°B 41	15°B 39	6°B 0	3°B 47	26°II 21	6°A 15	5°M 57	23°II 19	22°A 46	24°B 2	23°B 6	23°B 3	3°B 18	W31

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
M 1	23s 3	23n33	1n22	20s43	0n35	17s52	2n13	22s20	0s 5	23n 6	0s19	19s53	0s22	12s47	0n31	21n54
T 2	22 58	25 42	2 25	20 29	0 54	18 8	2 12	22 26	0 6	23 6	0 19	19 52	0 22	12 47	0 31	21 54
W 3	22 53	26 34	3 19	20 17	1 14	18 24	2 10	22 32	0 6	23 6	0 19	19 50	0 22	12 48	0 31	21 54
T 4	22 48	26 7	4 4	20 6	1 33	18 40	2 9	22 38	0 7	23 6	0 18	19 49	0 22	12 49	0 31	21 54
F 5	22 42	24 27	4 37	19 57	1 52	18 55	2 7	22 43	0 8	23 6	0 18	19 47	0 22	12 49	0 31	21 54
S 6	22 35	21 42	4 58	19 50	2 10	19 9	2 5	22 48	0 8	23 6	0 18	19 46	0 23	12 50	0 31	21 54
S 7	22 28	18 4	5 6	19 44	2 27	19 23	2 3	22 53	0 9	23 6	0 18	19 44	0 23	12 51	0 31	21 54
M 8	22 21	13 45	5 0	19 40	2 41	19 37	2 1	22 58	0 10	23 6	0 18	19 42	0 23	12 51	0 31	21 54
T 9	22 13	8 54	4 42	19 37	2 54	19 50	2 0	23 3	0 10	23 7	0 18	19 41	0 23	12 52	0 31	21 53
W10	22 5	3 42	4 11	19 36	3 4	20 3	1 57	23 7	0 11	23 7	0 17	19 39	0 23	12 52	0 31	21 53
T 11	21 56	1s43	3 29	19 36	3 11	20 15	1 55	23 11	0 12	23 7	0 17	19 38	0 23	12 53	0 31	21 53
F 12	21 47	7 11	2 36	19 37	3 16	20 26	1 53	23 15	0 12	23 7	0 17	19 36	0 23	12 53	0 31	21 53
S 13	21 37	12 31	1 34	19 39	3 19	20 37	1 51	23 19	0 13	23 7	0 17	19 35	0 23	12 54	0 31	21 53
S 14	21 27	17 27	0 26	19 43	3 19	20 48	1 49	23 22	0 14	23 7	0 17	19 33	0 23	12 54	0 31	21 53
M15	21 17	21 42	0s46	19 48	3 18	20 58	1 46	23 26	0 14	23 7	0 17	19 31	0 23	12 55	0 31	21 53
T 16	21 6	24 50	1 58	19 53	3 14	21 7	1 44	23 29	0 15	23 7	0 16	19 30	0 23	12 55	0 31	21 53
W17	20 55	26 28	3 5	20 0	3 9	21 16	1 41	23 32	0 16	23 7	0 16	19 28	0 23	12 56	0 31	21 53
T 18	20 43	26 15	4 0	20 7	3 3	21 24	1 39	23 34	0 17	23 7	0 16	19 26	0 23	12 56	0 31	21 53
F 19	20 31	24 6	4 40	20 14	2 56	21 31	1 36	23 37	0 17	23 7	0 16	19 25	0 23	12 56	0 31	21 53
S 20	20 19	20 14	5 1	20 22	2 48	21 38	1 34	23 39	0 18	23 7	0 16	19 23	0 23	12 57	0 31	21 53
S 21	20 6	15 2	5 0	20 30	2 39	21 45	1 31	23 41	0 19	23 7	0 16	19 21	0 23	12 57	0 31	21 53
M22	19 53	9 2	4 38	20 38	2 29	21 51	1 28	23 42	0 19	23 7	0 15	19 20	0 24	12 58	0 31	21 53
T 23	19 39	2 40	3 59	20 46	2 20	21 56	1 26	23 44	0 20	23 7	0 15	19 18	0 24	12 58	0 31	21 53
W24	19 25	3n39	3 6	20 54	2 10	22 0	1 23	23 45	0 21	23 7	0 15	19 16	0 24	12 58	0 31	21 53
T 25	19 11	9 36	2 4	21 1	2 0	22 4	1 20	23 46	0 21	23 7	0 15	19 15	0 24	12 58	0 31	21 53
F 26	18 56	14 58	0 57	21 8	1 50	22 7	1 17	23 47	0 22	23 7	0 15	19 13	0 24	12 59	0 31	21 53
S 27	18 41	19 30	0n11	21 14	1 39	22 10	1 14	23 47	0 23	23 7	0 15	19 11	0 24	12 59	0 31	21 53
S 28	18 26	23 2	1 17	21 19	1 29	22 12	1 12	23 48	0 24	23 8	0 14	19 10	0 24	12 59	0 31	21 53
M29	18 10	25 25	2 18	21 24	1 19	22 13	1 9	23 48	0 24	23 8	0 14	19 8	0 24	12 59	0 31	21 53
T 30	17 55	26 33	3 12	21 28	1 9	22 14	1 6	23 48	0 25	23 8	0 14	19 6	0 24	13 0	0 31	21 53
W31	17s38	26n24	3n56	21s31	0n59	22s14	1n 3	23s47	0s26	23n 8	0s14	19s 5	0s24	13s 0	0n31	21n53

Julian Day Number = 2534454.5, Delta T = 191.82 sec
Ecliptic obliquity = 23°24'40", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°54'46", Lahiri = 27°01'46"

ASTRODIENST EPHEMERIS for the year 2227

geocentric

FEBRUARY 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 11	11 ¹¹ 19'31	27 ⁰⁴ 41	16 ⁰⁸ 42	7 ⁰⁸ 13	4 ⁰⁸ 30	26 ⁰¹ 17	6 ⁰⁸ 23	5 ⁰⁸ 58	23 ⁰¹ 18	22 ⁰⁴ 46	23 ⁰⁵ 51	23 ⁰⁸ 2	23 ⁰¹ 10	3 ⁰⁸ 19	T 1
F 2	8 46 7	12 ⁰² 20'27	9 ⁰² 37	17 ⁰⁴ 48	8 ⁰² 27	5 ⁰¹ 14	26 ⁰¹ 13	6 ⁰³ 30	5 ⁰⁵ 58	23 ⁰¹ 17	22 ⁰⁴ 45	23 ⁰⁸ 37	22 ⁰⁵ 59	23 ⁰¹ 16	3 ⁰² 20	F 2
S 3	8 50 4	13 ⁰² 21'23	21 ⁰³ 30	18 ⁰⁵ 57	9 ⁰⁴ 1	5 ⁰⁵ 57	26 ⁰¹ 10	6 ⁰³ 37	5 ⁰⁵ 58	23 ⁰¹ 16	22 ⁰⁴ 45	23 ⁰² 22	22 ⁰⁵ 56	23 ⁰² 23	3 ⁰² 21	S 3
S 4	8 54 0	14 ⁰² 22'17	3 ⁰⁸ 23	20 ⁰⁷	10 ⁰⁵ 54	6 ⁰⁴ 1	26 ⁰⁷	6 ⁰⁴ 44	5 ⁰⁵ 59	23 ⁰¹ 15	22 ⁰⁴ 45	23 ⁰⁷	22 ⁰⁵ 53	23 ⁰³ 30	3 ⁰² 23	S 4
M 5	8 57 57	15 ⁰² 23'10	15 ⁰¹ 15	21 ⁰¹ 19	12 ⁰⁸	7 ⁰² 4	26 ⁰⁴	6 ⁰⁵ 1	5 ⁰⁵ 59	23 ⁰¹ 14	22 ⁰⁴ 44	22 ⁰⁵ 54	22 ⁰⁵ 50	23 ⁰³ 37	3 ⁰² 24	M 5
T 6	9 1 54	16 ⁰² 24'03	27 ⁰¹ 10	22 ⁰³ 33	13 ⁰² 1	8 ⁰⁸	26 ⁰¹	6 ⁰⁵ 8	5 ⁰⁵ 59	23 ⁰¹ 14	22 ⁰⁴ 44	22 ⁰⁴ 43	22 ⁰⁴ 47	23 ⁰³ 43	3 ⁰² 25	T 6
W 7	9 5 50	17 ⁰² 24'55	9 ⁰² 9	23 ⁰⁴ 48	14 ⁰³ 5	8 ⁰⁵ 1	25 ⁰⁵ 8	7 ⁰⁵	5 ⁰⁵ 59	23 ⁰¹ 13	22 ⁰⁴ 44	22 ⁰⁴ 35	22 ⁰⁴ 43	23 ⁰³ 50	3 ⁰² 27	W 7
T 8	9 9 47	18 ⁰² 25'45	21 ⁰¹ 16	25 ⁰⁵	15 ⁰⁴ 9	9 ⁰³ 5	25 ⁰⁵ 5	7 ⁰¹ 2	6 ⁰⁰	23 ⁰¹ 12	22 ⁰⁴ 43	22 ⁰⁴ 30	22 ⁰⁴ 40	23 ⁰³ 57	3 ⁰² 28	T 8
F 9	9 13 43	19 ⁰² 26'35	3 ⁰⁸ 35	26 ⁰² 4	17 ⁰³	10 ⁰¹ 9	25 ⁰⁵ 3	7 ⁰¹ 9	6 ⁰⁰	23 ⁰¹ 11	22 ⁰⁴ 43	22 ⁰⁴ 28	22 ⁰⁴ 37	24 ⁰³	3 ⁰³ 30	F 9
S 10	9 17 40	20 ⁰² 27'24	16 ⁰¹ 11	27 ⁰⁴ 3	18 ⁰¹ 6	11 ⁰²	25 ⁰⁵ 1	7 ⁰² 6	6 ⁰⁰	23 ⁰¹ 10	22 ⁰⁴ 42	22 ⁰⁴ 28	22 ⁰⁴ 34	24 ⁰¹ 0	3 ⁰³ 31	S 10
S 11	9 21 36	21 ⁰² 28'13	29 ⁰⁷	29 ⁰⁴	19 ⁰³ 0	11 ⁰⁴ 6	25 ⁰⁴ 9	7 ⁰³ 3	6 ⁰⁰	23 ⁰¹ 10	22 ⁰⁴ 42	22 ⁰⁴ 27	22 ⁰⁴ 31	24 ⁰¹ 7	3 ⁰³ 33	S 11
M 12	9 25 33	22 ⁰² 29'00	12 ⁰⁷ 29	0 ⁰² 27	20 ⁰⁴ 4	12 ⁰³ 0	25 ⁰⁴ 7	7 ⁰⁴ 0	5 ⁰⁵ 59	23 ⁰⁹	22 ⁰⁴ 41	22 ⁰⁴ 27	22 ⁰⁴ 27	24 ⁰² 4	3 ⁰³ 34	M 12
T 13	9 29 29	23 ⁰² 29'47	26 ⁰¹ 9	1 ⁰⁵ 0	21 ⁰⁵ 8	13 ⁰¹ 4	25 ⁰⁴ 6	7 ⁰⁴ 7	5 ⁰⁵ 59	23 ⁰⁸	22 ⁰⁴ 40	22 ⁰⁴ 24	22 ⁰⁴ 24	24 ⁰³ 0	3 ⁰³ 36	T 13
W 14	9 33 26	24 ⁰³ 30'32	10 ⁰⁸ 39	3 ⁰¹ 4	23 ⁰¹ 2	13 ⁰⁵ 8	25 ⁰⁴ 4	7 ⁰⁵ 4	5 ⁰⁵ 59	23 ⁰⁸	22 ⁰⁴ 40	22 ⁰⁴ 19	22 ⁰⁴ 21	24 ⁰³ 7	3 ⁰³ 38	W 14
T 15	9 37 23	25 ⁰³ 31'17	25 ⁰² 6	4 ⁰⁴ 0	24 ⁰² 6	14 ⁰⁴ 1	25 ⁰⁴ 3	8 ⁰¹	5 ⁰⁵ 59	23 ⁰⁷	22 ⁰⁴ 39	22 ⁰⁴ 11	22 ⁰⁴ 18	24 ⁰⁴ 4	3 ⁰⁴ 0	T 15
F 16	9 41 19	26 ⁰³ 32'00	10 ⁰⁸ 35	6 ⁰⁶	25 ⁰⁴ 0	15 ⁰² 5	25 ⁰⁴ 2	8 ⁰⁸	5 ⁰⁵ 59	23 ⁰⁶	22 ⁰⁴ 38	22 ⁰⁴ 0	22 ⁰⁴ 15	24 ⁰⁵ 1	3 ⁰⁴ 1	F 16
S 17	9 45 16	27 ⁰³ 32'42	25 ⁰⁵ 6	7 ⁰³ 4	26 ⁰⁵ 3	16 ⁰⁹	25 ⁰⁴ 2	8 ⁰¹ 5	5 ⁰⁵ 58	23 ⁰⁶	22 ⁰⁴ 38	21 ⁰⁴ 9	22 ⁰⁴ 12	24 ⁰⁵ 7	3 ⁰⁴ 3	S 17
S 18	9 49 12	28 ⁰³ 33'22	11 ⁰⁸ 17	9 ⁰²	28 ⁰⁷	16 ⁰⁵ 3	25 ⁰⁴ 1	8 ⁰² 2	5 ⁰⁵ 58	23 ⁰⁵	22 ⁰⁴ 37	21 ⁰³ 7	22 ⁰⁴ 8	25 ⁰⁴	3 ⁰⁴ 5	S 18
M 19	9 53 9	29 ⁰³ 34'01	26 ⁰² 6	10 ⁰³ 1	29 ⁰² 1	17 ⁰³ 7	25 ⁰⁴ 1	8 ⁰² 9	5 ⁰⁵ 57	23 ⁰⁵	22 ⁰⁴ 36	21 ⁰² 7	22 ⁰⁴ 5	25 ⁰¹ 1	3 ⁰⁴ 7	M 19
T 20	9 57 5	0 ⁰³ 34'39	11 ⁰⁹ 14	12 ⁰²	0 ⁰³ 35	18 ⁰² 1	25 ⁰⁴ 1	8 ⁰³ 6	5 ⁰⁵ 57	23 ⁰⁴	22 ⁰⁴ 35	21 ⁰² 0	22 ⁰⁴ 2	25 ⁰¹ 7	3 ⁰⁴ 9	T 20
W 21	10 1 2	1 ⁰³ 35'14	25 ⁰³ 34	13 ⁰³ 3	1 ⁰⁴ 9	19 ⁰⁵	25 ⁰⁴ 1	8 ⁰⁴ 2	5 ⁰⁵ 56	23 ⁰⁴	22 ⁰⁴ 34	21 ⁰¹ 5	21 ⁰⁵ 9	25 ⁰² 4	3 ⁰⁵ 1	W 21
T 22	10 4 58	2 ⁰³ 35'48	9 ⁰⁸ 25	15 ⁰⁵	3 ⁰³	19 ⁰⁴ 9	25 ⁰⁴ 1	8 ⁰⁴ 9	5 ⁰⁵ 55	23 ⁰⁴	22 ⁰⁴ 33	21 ⁰¹ 3	21 ⁰⁵ 6	25 ⁰³ 1	3 ⁰⁵ 4	T 22
F 23	10 8 55	3 ⁰³ 36'21	22 ⁰⁴ 7	16 ⁰³ 8	4 ⁰¹ 7	20 ⁰³ 4	25 ⁰⁴ 2	8 ⁰⁵ 6	5 ⁰⁵ 55	23 ⁰³	22 ⁰⁴ 32	21 ⁰¹ D13	21 ⁰⁵ 2	25 ⁰³ 8	3 ⁰⁵ 6	F 23
S 24	10 12 51	4 ⁰³ 36'51	5 ⁰¹ 44	18 ⁰¹ 2	5 ⁰³ 1	21 ⁰¹ 8	25 ⁰⁴ 2	9 ⁰³	5 ⁰⁵ 54	23 ⁰³	22 ⁰⁴ 31	21 ⁰¹ R13	21 ⁰⁴ 9	25 ⁰⁴ 4	3 ⁰⁵ 8	S 24
S 25	10 16 48	5 ⁰³ 37'20	18 ⁰¹ 9	19 ⁰⁴ 7	6 ⁰⁴ 5	22 ⁰²	25 ⁰⁴ 3	9 ⁰⁹	5 ⁰⁵ 53	23 ⁰³	22 ⁰⁴ 31	21 ⁰¹ 2	21 ⁰⁴ 6	25 ⁰⁵ 1	4 ⁰⁰	S 25
M 26	10 20 45	6 ⁰³ 37'47	0 ⁰⁸ 37	21 ⁰² 3	7 ⁰⁵ 9	22 ⁰⁴ 6	25 ⁰⁴ 5	9 ⁰¹ 6	5 ⁰⁵ 52	23 ⁰²	22 ⁰⁴ 29	21 ⁰¹ 0	21 ⁰⁴ 3	25 ⁰⁵ 8	4 ⁰³	M 26
T 27	10 24 41	7 ⁰³ 38'12	12 ⁰⁴ 4	23 ⁰⁰	9 ⁰¹ 3	23 ⁰³ 0	25 ⁰⁴ 6	9 ⁰² 2	5 ⁰⁵ 51	23 ⁰²	22 ⁰⁴ 28	21 ⁰⁵	21 ⁰⁴ 0	26 ⁰⁴	4 ⁰⁵	T 27
W 28	10 28 38	8 ⁰³ 38'35	24 ⁰⁸ 43	24 ⁰⁸ 38	10 ⁰⁸ 27	24 ⁰⁸ 15	25 ⁰⁴ 7	9 ⁰⁸ 29	5 ⁰⁵ 50	23 ⁰²	22 ⁰⁴ 27	20 ⁰⁸ 57	21 ⁰⁸ 37	26 ⁰¹ 11	4 ⁰⁸ 7	W 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	decl lat
T 1	17s22	25n 0	4n29	21s34	0n49	22s13	1n 0	23s47	0s26	23n 8	0s14	19s 3	0s24	13s 0	0n31	21n53
F 2	17 5	22 29	4 51	21 35	0 39	22 12	0 57	23 46	0 27	23 8	0 14	19 1	0 24	13 0	0 31	21 53
S 3	16 48	19 2	4 59	21 35	0 29	22 10	0 54	23 45	0 28	23 8	0 13	19 0	0 24	13 0	0 31	21 53
S 4	16 30	14 50	4 55	21 34	0 20	22 7	0 51	23 43	0 29	23 8	0 13	18 58	0 24	13 0	0 32	21 53
M 5	16 12	10 4	4 37	21 33	0 11	22 4	0 48	23 42	0 29	23 8	0 13	18 56	0 25	13 0	0 32	21 53
T 6	15 54	4 55	4 8	21 30	0 2	22 0	0 45	23 40	0 30	23 8	0 13	18 54	0 25	13 0	0 32	21 53
W 7	15 36	0s27	3 27	21 25	0s 7	21 56	0 41	23 38	0 31	23 8	0 13	18 53	0 25	13 0	0 32	21 53
T 8	15 17	5 52	2 37	21 20	0 15	21 50	0 38	23 35	0 32	23 8	0 13	18 51	0 25	13 0	0 32	21 53
F 9	14 58	11 10	1 38	21 14	0 23	21 45	0 35	23 33	0 32	23 8	0 12	18 49	0 25	13 0	0 32	21 53
S 10	14 39	16 8	0 33	21 6	0 31	21 38	0 32	23 30	0 33	23 9	0 12	18 48	0 25	13 0	0 32	21 53
S 11	14 20	20 31	0s35	20 57	0 39	21 31	0 29	23 27	0 34	23 9	0 12	18 46	0 25	13 0	0 32	21 53
M 12	14 0	23 59	1 44	20 47	0 46	21 23	0 26	23 24	0 35	23 9	0 12	18 44	0 25	13 0	0 32	21 53
T 13	13 40	26 10	2 48	20 36	0 53	21 15	0 23	23 20	0 35	23 9	0 12	18 42	0 25	13 0	0 32	21 53
W 14	13 20	26 43	3 45	20 23	1 0	21 6	0 20	23 17	0 36	23 9	0 12	18 41	0 25	13 0	0 32	21 53
T 15	13 0	25 25	4 28	20 9	1 7	20 56	0 17	23 13	0 37	23 9	0 11	18 39	0 25	13 0	0 32	21 53
F 16	12 39	22 16	4 54	19 54	1 13	20 46	0 14	23 9	0 38	23 9	0 11	18 37	0 25	13 0	0 32	21 53
S 17	12 19	17 33	4 59	19 38	1 19	20 35	0 11	23 4	0 38	23 9	0 11	18 36	0 26	13 0	0 32	21 53
S 18	11 58	11 41	4 43	19 20	1 25	20 23	0 8	22 59	0 39	23 10	0 11	18 34	0 26	13 0	0 32	21 53
M 19	11 37	5 11	4 7	19 2	1 30	20 11	0 5	22 55	0 40	23 10	0 11	18 32	0 26	12 59	0 32	21 53
T 20	11 15	1n27	3 14	18 41	1 35	19 58	0 2	22 49	0 41	23 10	0 11	18 30	0 26	12 59	0 32	21 53
W 21	10 54	7 50	2 11	18 20	1 40	19 45	0s 1	22 44	0 41	23 10	0 10	18 29	0 26	12 59	0 32	21 53
T 22	10 32	13 38	1 2	17 57	1 44	19 31	0 4	22 39	0 42	23 10	0 10	18 27	0 26	12 59	0 32	21 53
F 23	10 10	18 35	0n 8	17 33	1 49	19 17	0 7	22 33	0 43	23 10	0 10	18 25	0 26	12 59	0 32	21 53
S 24	9 48	22 29	1 16	17 8	1 52	19 2	0 10	22 27	0 44	23 11	0 10	18 24	0 26	12 58	0 32	21 53
S 25	9 26	25 12	2 18	16 42	1 56	18 46	0 13	22 20	0 44	23 11	0 10	18 22	0 26	12 58	0 32	21 53
M 26	9 4	26 37	3 12	16 14	1 59	18 30	0 15	22 14	0 45	23 11	0 10	18 20	0 26	12 58	0 32	21 53
T 27	8 42	26 44	3 57	15 45	2 1	18 13	0 18	22 7	0 46	23 11	0 10	18 19	0 26	12 57	0 32	21 53
W 28	8s19	25n36	4n31	15s14	2s 4	17s56	0s21	22s 0	0s47	23n11	0s 9	18s17	0s26	12s57	0n32	21n53

ASTRODIENST EPHEMERIS for the year 2227

geocentric

MARCH 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 32 34	9♂38'56	6♂37	26♂17	11♂41	24♂59	25♂49	9♂36	5°R49	23°R 2	22°R26	20°R46	21♂33	26♂18	4♂10	T 1
F 2	10 36 31	10°39'15	18°29	27°56	12°55	25°43	25°51	9°42	5♂48	23♂ 2	22♂25	20♂34	21°30	26°25	4°12	F 2
S 3	10 40 27	11°39'33	0♂21	29°37	14° 9	26°28	25°53	9°48	5°47	23° 2	22°24	20°20	21°27	26°31	4°15	S 3
S 4	10 44 24	12°39'49	12°15	1♂19	15°23	27°12	25°55	9°55	5°46	23° 2	22°23	20° 7	21°24	26°38	4°18	S 4
M 5	10 48 20	13°40'03	24°12	3° 2	16°37	27°56	25°58	10° 1	5°45	23°D 2	22°22	19°55	21°21	26°45	4°20	M 5
T 6	10 52 17	14°40'15	6♂13	4°45	17°51	28°41	26° 0	10° 8	5°44	23° 2	22°20	19°45	21°18	26°52	4°23	T 6
W 7	10 56 14	15°40'26	18°20	6°30	19° 5	29°25	26° 3	10°14	5°42	23° 2	22°19	19°38	21°14	26°58	4°26	W 7
T 8	11 0 10	16°40'35	0♂35	8°16	20°19	0♂10	26° 6	10°20	5°41	23° 2	22°18	19°33	21°11	27° 5	4°28	T 8
F 9	11 4 7	17°40'42	13° 0	10° 3	21°33	0°54	26°10	10°26	5°40	23° 2	22°17	19°32	21° 8	27°12	4°31	F 9
S 10	11 8 3	18°40'48	25°39	11°51	22°48	1°39	26°13	10°32	5°38	23° 2	22°15	19°D32	21° 5	27°18	4°34	S 10
S 11	11 12 0	19°40'53	8♂36	13°40	24° 2	2°23	26°17	10°39	5°37	23° 2	22°14	19°32	21° 2	27°25	4°37	S 11
M12	11 15 56	20°40'55	21°53	15°30	25°16	3° 8	26°20	10°45	5°35	23° 2	22°13	19°R33	20°58	27°32	4°40	M12
T 13	11 19 53	21°40'57	5♂34	17°22	26°30	3°53	26°24	10°51	5°34	23° 3	22°11	19°32	20°55	27°39	4°43	T 13
W14	11 23 49	22°40'57	19°40	19°14	27°44	4°37	26°28	10°57	5°32	23° 3	22°10	19°29	20°52	27°45	4°46	W14
T 15	11 27 46	23°40'55	4♂12	21° 7	28°58	5°22	26°33	11° 2	5°30	23° 3	22° 8	19°24	20°49	27°52	4°49	T 15
F 16	11 31 43	24°40'51	19° 4	23° 2	0♂12	6° 7	26°37	11° 8	5°29	23° 4	22° 7	19°16	20°46	27°59	4°52	F 16
S 17	11 35 39	25°40'46	4♂10	24°57	1°26	6°51	26°42	11°14	5°27	23° 4	22° 6	19° 8	20°43	28° 5	4°55	S 17
S 18	11 39 36	26°40'39	19°21	26°54	2°40	7°36	26°47	11°20	5°25	23° 5	22° 4	19° 0	20°39	28°12	4°58	S 18
M19	11 43 32	27°40'29	4♂26	28°51	3°54	8°21	26°52	11°25	5°23	23° 5	22° 3	18°52	20°36	28°19	5° 1	M19
T 20	11 47 29	28°40'18	19°16	0♂49	5° 9	9° 6	26°57	11°31	5°21	23° 6	22° 1	18°47	20°33	28°26	5° 4	T 20
W21	11 51 25	29°40'05	3♂42	2°48	6°23	9°50	27° 2	11°37	5°20	23° 6	22° 0	18°44	20°30	28°32	5° 7	W21
T 22	11 55 22	0♂39'50	17°41	4°48	7°37	10°35	27° 8	11°42	5°18	23° 7	21°58	18°D43	20°27	28°39	5°11	T 22
F 23	11 59 18	1°39'32	1♂12	6°47	8°51	11°20	27°14	11°48	5°16	23° 7	21°57	18°43	20°24	28°46	5°14	F 23
S 24	12 3 15	2°39'13	14°16	8°48	10° 5	12° 5	27°19	11°53	5°14	23° 8	21°55	18°45	20°20	28°53	5°17	S 24
S 25	12 7 12	3°38'51	26°57	10°48	11°19	12°50	27°25	11°58	5°12	23° 9	21°53	18°46	20°17	28°59	5°20	S 25
M26	12 11 8	4°38'27	9♂19	12°48	12°33	13°35	27°32	12° 4	5°10	23° 9	21°52	18°R46	20°14	29° 6	5°24	M26
T 27	12 15 5	5°38'00	21°26	14°47	13°47	14°20	27°38	12° 9	5° 7	23°10	21°50	18°44	20°11	29°13	5°27	T 27
W28	12 19 1	6°37'32	3♂24	16°46	15° 1	15° 4	27°44	12°14	5° 5	23°11	21°49	18°41	20° 8	29°19	5°30	W28
T 29	12 22 58	7°37'01	15°17	18°43	16°15	15°49	27°51	12°19	5° 3	23°12	21°47	18°36	20° 4	29°26	5°34	T 29
F 30	12 26 54	8°36'27	27° 8	20°39	17°29	16°34	27°58	12°24	5° 1	23°12	21°45	18°29	20° 1	29°33	5°37	F 30
S 31	12 30 51	9♂35'52	9♂ 1	22°Y34	18♂43	17♂19	28♂ 5	12♂29	4♂59	23♂13	21♂44	18♂22	19♂58	29♂40	5♂41	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s57	23n18	4n52	14s43	2s 6	17s38	0s24	21s53	0s47	23n11	0s 9	18s15	0s27	12s57	0n32	21n53
F 2	7 34	20 2	5 1	14 10	2 7	17 20	0 26	21 46	0 48	23 12	0 9	18 14	0 27	12 56	0 32	21 53
S 3	7 11	15 57	4 56	13 36	2 8	17 2	0 29	21 38	0 49	23 12	0 9	18 12	0 27	12 56	0 32	21 54
S 4	6 48	11 15	4 39	13 0	2 9	16 43	0 32	21 30	0 50	23 12	0 9	18 10	0 27	12 56	0 32	21 54
M 5	6 25	6 7	4 10	12 24	2 9	16 23	0 34	21 22	0 50	23 12	0 9	18 9	0 27	12 55	0 32	21 54
T 6	6 2	0 44	3 29	11 46	2 9	16 3	0 37	21 14	0 51	23 13	0 8	18 7	0 27	12 55	0 32	21 54
W 7	5 39	4s45	2 38	11 6	2 9	15 42	0 39	21 6	0 52	23 13	0 8	18 6	0 27	12 54	0 32	21 54
T 8	5 15	10 7	1 39	10 26	2 8	15 21	0 42	20 57	0 53	23 13	0 8	18 4	0 27	12 54	0 32	21 54
F 9	4 52	15 10	0 35	9 44	2 6	15 0	0 44	20 48	0 53	23 13	0 8	18 2	0 27	12 53	0 32	21 54
S 10	4 28	19 41	0s33	9 1	2 4	14 38	0 46	20 39	0 54	23 14	0 8	18 1	0 27	12 53	0 32	21 54
S 11	4 5	23 22	1 40	8 17	2 2	14 16	0 49	20 30	0 55	23 14	0 8	17 59	0 28	12 52	0 32	21 54
M12	3 41	25 53	2 44	7 32	1 59	13 53	0 51	20 20	0 56	23 14	0 8	17 58	0 28	12 52	0 32	21 54
T 13	3 18	26 58	3 40	6 46	1 56	13 30	0 53	20 11	0 56	23 14	0 7	17 56	0 28	12 51	0 32	21 54
W14	2 54	26 21	4 25	5 58	1 52	13 7	0 55	20 1	0 57	23 15	0 7	17 55	0 28	12 51	0 32	21 54
T 15	2 30	23 57	4 55	5 9	1 47	12 43	0 57	19 51	0 58	23 15	0 7	17 53	0 28	12 50	0 32	21 54
F 16	2 7	19 55	5 5	4 20	1 42	12 19	0 59	19 40	0 59	23 15	0 7	17 52	0 28	12 50	0 32	21 54
S 17	1 43	14 33	4 55	3 29	1 37	11 54	1 1	19 30	0 59	23 15	0 7	17 50	0 28	12 49	0 32	21 54
S 18	1 19	8 15	4 24	2 37	1 30	11 30	1 3	19 19	1 0	23 16	0 7	17 49	0 28	12 48	0 32	21 54
M19	0 55	1 31	3 35	1 44	1 24	11 5	1 5	19 8	1 1	23 16	0 7	17 47	0 28	12 48	0 32	21 55
T 20	0 32	5n12	2 32	0 51	1 17	10 39	1 7	18 57	1 2	23 16	0 6	17 46	0 28	12 47	0 32	21 55
W21	0 8	11 29	1 20	0n 4	1 9	10 13	1 9	18 46	1 2	23 16	0 6	17 44	0 29	12 46	0 32	21 55
T 22	0n16	17 0	0 6	0 58	1 1	9 48	1 10	18 35	1 3	23 17	0 6	17 43	0 29	12 46	0 32	21 55
F 23	0 40	21 28	1n 7	1 54	0 52	9 21	1 12	18 23	1 4	23 17	0 6	17 42	0 29	12 45	0 32	21 55
S 24	1 3	24 42	2 13	2 50	0 43	8 55	1 14	18 11	1 5	23 17	0 6	17 40	0 29	12 44	0 32	21 55
S 25	1 27	26 34	3 11	3 46	0 33	8 28	1 15	17 59	1 5	23 17	0 6	17 39	0 29	12 44	0 32	21 55
M26	1 51	27 4	3 59	4 42	0 22	8 1	1 16	17 47	1 6	23 18	0 6	17 37	0 29	12 43	0 32	21 55
T 27	2 14	26 14	4 35	5 38	0 12	7 34	1 18	17 35	1 7	23 18	0 6	17 36	0 29	12 42	0 32	21 55
W28	2 38	24 12	4 58	6 34	0 1	7 7	1 19	17 22	1 8	23 18	0 5	17 35	0 29	12 42	0 32	21 55
T 29	3 1	21 9	5 8	7 30	0n11	6 39	1 20	17 10	1 8	23 18	0 5	17 33	0 29	12 41	0 32	21 55
F 30	3 25	17 14	5 6	8 24	0 22	6 11	1 22	16 57	1 9	23 19	0 5	17 32	0 30	12 40	0 32	21 56
S 31	3n48	12n39	4n49	9n18	0n34	5s43	1s23	16s44	1s10	23n19	0s 5	17s31	0s30	12s39	0n32	21n56

Julian Day Number = 2534513.5, Delta T = 192.01 sec
 Ecliptic obliquity = 23°24'41, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°54'54, Lahiri = 27°01'54

ASTRODIENST EPHEMERIS for the year 2227

geocentric

APRIL 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 34 47	10°35'14	20°58	24°25	19°58	18°4	28°12	12°34	4°R57	23°14	21°R42	18°R15	19°855	29°46	5°44	S 1
M 2	12 38 44	11°34'34	3°2	26°15	21°12	18°49	28°19	12°39	4°M54	23°15	21°440	18°8	19°52	29°53	5°48	M 2
T 3	12 42 41	12°33'52	15°13	28°1	22°26	19°34	28°26	12°43	4°52	23°16	21°39	18°3	19°49	29°59	5°51	T 3
W 4	12 46 37	13°33'08	27°32	29°43	23°40	20°19	28°34	12°48	4°50	23°17	21°37	17°59	19°45	0°6	5°55	W 4
T 5	12 50 34	14°32'22	10°2	1°22	24°54	21°4	28°41	12°53	4°47	23°18	21°35	17°57	19°42	0°13	5°58	T 5
F 6	12 54 30	15°31'35	22°43	2°56	26°8	21°49	28°49	12°57	4°45	23°19	21°34	17°D57	19°39	0°20	6°2	F 6
S 7	12 58 27	16°30'45	5°36	4°26	27°22	22°35	28°57	13°1	4°43	23°20	21°32	17°58	19°36	0°27	6°6	S 7
S 8	13 2 23	17°29'54	18°44	5°50	28°36	23°20	29°5	13°6	4°40	23°21	21°30	18°0	19°33	0°33	6°9	S 8
M 9	13 6 20	18°29'01	2°3	7°10	29°50	24°5	29°13	13°10	4°38	23°22	21°29	18°1	19°29	0°40	6°13	M 9
T 10	13 10 16	19°28'06	15°48	8°24	1°9	24°50	29°22	13°14	4°35	23°24	21°27	18°R 2	19°26	0°47	6°16	T 10
W 11	13 14 13	20°27'10	29°47	9°32	2°18	25°35	29°30	13°18	4°33	23°25	21°25	18°2	19°23	0°54	6°20	W 11
T 12	13 18 10	21°26'11	14°4	10°34	3°32	26°20	29°39	13°22	4°30	23°26	21°24	18°0	19°20	1°0	6°24	T 12
F 13	13 22 6	22°25'11	28°36	11°30	4°46	27°5	29°47	13°26	4°28	23°27	21°22	17°58	19°17	1°7	6°27	F 13
S 14	13 26 3	23°24'10	13°18	12°20	6°0	27°50	29°56	13°30	4°26	23°29	21°20	17°55	19°14	1°14	6°31	S 14
S 15	13 29 59	24°23'06	28°5	13°4	7°14	28°36	0°5	13°34	4°23	23°30	21°19	17°51	19°10	1°20	6°35	S 15
M 16	13 33 56	25°22'00	12°49	13°41	8°28	29°21	0°14	13°38	4°20	23°31	21°17	17°48	19°7	1°27	6°38	M 16
T 17	13 37 52	26°20'53	27°22	14°11	9°42	0°6	0°23	13°42	4°18	23°33	21°15	17°46	19°4	1°34	6°42	T 17
W 18	13 41 49	27°19'44	11°39	14°35	10°56	0°51	0°33	13°45	4°15	23°34	21°14	17°D45	19°1	1°41	6°46	W 18
T 19	13 45 45	28°18'32	25°35	14°53	12°10	1°36	0°42	13°49	4°13	23°35	21°12	17°45	18°58	1°47	6°50	T 19
F 20	13 49 42	29°17'19	9°7	15°4	13°24	2°22	0°52	13°52	4°10	23°37	21°10	17°46	18°55	1°54	6°53	F 20
S 21	13 53 39	0°16'03	22°15	15°R 9	14°38	3°7	1°1	13°55	4°8	23°38	21°9	17°47	18°51	2°1	6°57	S 21
S 22	13 57 35	1°14'46	5°0	15°8	15°52	3°52	1°11	13°58	4°5	23°40	21°7	17°49	18°48	2°7	7°1	S 22
M 23	14 1 32	2°13'26	17°27	15°1	17°6	4°37	1°21	14°2	4°3	23°41	21°5	17°50	18°45	2°14	7°5	M 23
T 24	14 5 28	3°12'04	29°38	14°48	18°20	5°22	1°31	14°5	4°0	23°43	21°4	17°R50	18°42	2°21	7°8	T 24
W 25	14 9 25	4°10'39	11°38	14°30	19°34	6°7	1°41	14°8	3°58	23°44	21°2	17°50	18°39	2°28	7°12	W 25
T 26	14 13 21	5°9'13	23°32	14°8	20°47	6°53	1°51	14°10	3°55	23°46	21°0	17°50	18°35	2°34	7°16	T 26
F 27	14 17 18	6°7'44	5°24	13°40	22°1	7°38	2°1	14°13	3°52	23°48	20°59	17°48	18°32	2°41	7°20	F 27
S 28	14 21 14	7°6'13	17°19	13°9	23°15	8°23	2°11	14°16	3°50	23°49	20°57	17°47	18°29	2°48	7°24	S 28
S 29	14 25 11	8°4'40	29°19	12°35	24°29	9°8	2°22	14°19	3°47	23°51	20°56	17°45	18°26	2°54	7°27	S 29
M 30	14 29 7	9°3'05	11°29	11°59	25°43	9°53	2°32	14°21	3°45	23°53	20°54	17°44	18°23	3°1	7°31	M 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
S 1	4n11	7n34	4n21	10n10	0n46	5s15	1s24	16s31	1s11	23n19	0s 5	17s30	0s30	12s39	0n32	21n56	1s19	7n58	17n41	17n15	17n42	16n17	12n49	0s38			
M 2	4 34	2 10	3 40	11 1	0 58	4 47	1 25	16 18	1 11	23 19	0 5	17 28	0 30	12 38	0 32	21 56	1 19	7 59	17 41	17 13	17 41	16 14	12 51	0 38			
T 3	4 58	3s23	2 49	11 51	1 10	4 19	1 26	16 4	1 12	23 19	0 5	17 27	0 30	12 37	0 32	21 56	1 19	8 0	17 41	17 11	17 40	16 12	12 52	0 38			
W 4	5 21	8 53	1 49	12 38	1 22	3 50	1 26	15 51	1 13	23 20	0 5	17 26	0 30	12 36	0 32	21 56	1 19	8 1	17 41	17 10	17 39	16 9	12 53	0 38			
T 5	5 43	14 8	0 43	13 24	1 33	3 22	1 27	15 37	1 14	23 20	0 4	17 25	0 30	12 36	0 32	21 56	1 19	8 1	17 41	17 10	17 38	16 7	12 54	0 38			
F 6	6 6	18 51	0s26	14 7	1 45	2 53	1 28	15 23	1 14	23 20	0 4	17 24	0 30	12 35	0 32	21 56	1 18	8 2	17 41	17 10	17 38	16 4	12 55	0 38			
S 7	6 29	22 46	1 35	14 47	1 55	2 24	1 28	15 9	1 15	23 20	0 4	17 22	0 30	12 34	0 32	21 56	1 18	8 3	17 41	17 10	17 37	16 2	12 56	0 38			
S 8	6 52	25 36	2 40	15 26	2 6	1 55	1 29	14 55	1 16	23 20	0 4	17 21	0 31	12 33	0 32	21 56	1 18	8 3	17 41	17 10	17 36	15 59	12 57	0 38			
M 9	7 14	27 2	3 38	16 1	2 15	1 26	1 29	14 41	1 16	23 21	0 4	17 20	0 31	12 32	0 32	21 56	1 18	8 4	17 42	17 11	17 35	15 56	12 58	0 38			
T 10	7 37	26 52	4 25	16 34	2 24	0 57	1 30	14 27	1 17	23 21	0 4	17 19	0 31	12 32	0 32	21 57	1 18	8 4	17 42	17 11	17 34	15 54	13 0	0 38			
W 11	7 59	25 1	4 58	17 3	2 32	0 28	1 30	14 12	1 18	23 21	0 4	17 18	0 31	12 31	0 32	21 57	1 18	8 5	17 42	17 11	17 33	15 51	13 1	0 38			
T 12	8 21	21 34	5 13	17 30	2 40	0n 1	1 31	13 57	1 19	23 21	0 4	17 17	0 31	12 30	0 32	21 57	1 18	8 6	17 42	17 11	17 32	15 49	13 2	0 39			
F 13	8 43	16 46	5 8	17 54	2 46	0 30	1 31	13 43	1 19	23 21	0 3	17 16	0 31	12 29	0 32	21 57	1 18	8 6	17 42	17 10	17 32	15 46	13 3	0 39			
S 14	9 5	10 55	4 43	18 15	2 52	0 59	1 31	13 28	1 20	23 21	0 3	17 15	0 31	12 28	0 32	21 57	1 18	8 7	17 42	17 9	17 31	15 44	13 4	0 39			
S 15	9 26	4 26	4 0	18 32	2 56	1 28	1 31	13 13	1 21	23 21	0 3	17 14	0 31	12 27	0 32	21 57	1 18	8 8	17 42	17 8	17 30	15 41	13 5	0 39			
M 16	9 48	2n17	3 0	18 47	2 59	1 58	1 31	12 57	1 21	23 22	0 3	17 13	0 32	12 27	0 32	21 57	1 18	8 8	17 42	17 7	17 29	15 38	13 6	0 39			
T 17	10 9	8 49	1 50	18 58	3 1	2 27	1 31	12 42	1 22	23 22	0 3	17 12	0 32	12 26	0 32	21 57	1 18	8 9	17 42	17 7	17 28	15 36	13 8	0 39			
W 18	10 31	14 47	0 34	19 6	3 2	2 56	1 31	12 27	1 23	23 22	0 3	17 11	0 32	12 25	0 32	21 57	1 18	8 9	17 42	17 6	17 27	15 33	13 9	0 39			
T 19	10 52	19 50	0n43	19 11	3 2	3 25	1 31	12 11	1 23	23 22	0 3	17 10	0 32	12 24	0 32	21 58	1 18	8 10	17 41	17 6	17 26	15 30	13 10	0 39			
F 20	11 13	23 41	1 55	19 12	3 0	3 54	1 30	11 56	1 24	23 22	0 3	17 9	0 32	12 23	0 32	21 58	1 18	8 10	17 41	17 7	17 25	15 28	13 11	0 39			
S 21	11 33	26 10	2 59	19 11	2 57	4 22	1 30	11 40	1 25	23 22	0 3	17 9	0 32	12 22	0 32	21 58	1 18	8 11	17 41	17 7	17 25	15 25	13 12	0 39			
S 22	11 54	27 11	3 52	19 6	2 52	4 51	1 30	11 24	1 25	23 22	0 2	17 8	0 32	12 22	0 32	21 58	1 18	8 11	17 41	17 7	17 24	15 23	13 13	0 39			
M 23	12 14	26 47	4 33	18 58	2 46	5 20	1 29	11 9	1 26	23 22	0 2	17 7	0 32	12 21	0 32	21 58	1 18	8 12	17 41	17 8	17 23	15 20	13 15	0 39			
T 24	12 34	25 6	5 0	18 47	2 39	5 49	1 29	10 53	1 27	23 22	0 2	17 6	0 33	12 20	0 32	21 58	1 18	8 12	17 41	17 8	17 22	15 17	13 16	0 39			
W 25	12 54	22 18	5 14	18 33	2 30	6 17	1 28	10 37	1 27	23 22	0 2	17 6	0 33	12 19	0 32	21 58	1 18	8 13	17 41	17 8	17 21	15 15	13 17	0 39			
T 26	13 13	18 36	5 14	18 17	2 20	6 45	1 27	10 20	1 28	23 22	0 2	17 5	0 33	12 18	0 32	21 58	1 18	8 13	17 41	17 8	17 20	15 12	13 18	0 39			
F 27	13 33	14 11	5 1	17 58	2 8	7 14	1 27	10 4	1 29	23 22	0 2	17 4	0 33	12 17	0 32	21 58	1 18	8 14	17 41	17 7	17 19	15 9	13 19	0 40			
S 28	13 52	9 14	4 35	17 36	1 55	7 42	1 26	9 48	1 29	23 22	0 2	17 3	0 33	12 16	0 32	21 59	1 18	8 14	17 41	17 7	17 19	15 7	13 20	0 40			
S 29	14 11	3 53	3 57	17 13	1 42	8 9	1 25	9 32	1 30	23 22	0 2	17 3	0 33	12 16	0 32	21 59	1 17	8 15	17 40	17 6	17 18	15 4	13 21	0 40			
M 30	14n30	1s40	3n 7	16n47	1n27	8n37	1s24	9s15	1s31	23n22	0s 2	17s 2	0s33	12s15	0n32	21n59	1s17	8n15	17n40	17n 6	17n17	15n 1	13n23	0s40			

ASTRODIENST EPHEMERIS for the year 2227

geocentric

MAY 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 4	10♈ 1'28	23♌50	11°R20	26°Y57	10°K38	2♌43	14♌23	3°R42	23♌54	20°R52	17°R43	18♌20	3♌8	7♌35	T 1
W 2	14 37 1	10°59'49	6♌24	10♈40	28°11	11°23	2°54	14°26	3♌40	23°56	20♌51	17♌43	18°16	3°15	7°39	W 2
T 3	14 40 57	11°58'09	19°12	10° 1	29°25	12° 9	3° 4	14°28	3°37	23°58	20°49	17°D43	18°13	3°21	7°42	T 3
F 4	14 44 54	12°56'26	2♌15	9°21	0♈38	12°54	3°15	14°30	3°35	24° 0	20°48	17°43	18°10	3°28	7°46	F 4
S 5	14 48 50	13°54'42	15°31	8°42	1°52	13°39	3°26	14°32	3°32	24° 1	20°46	17°43	18° 7	3°35	7°50	S 5
S 6	14 52 47	14°52'57	29° 0	8° 6	3° 6	14°24	3°37	14°34	3°30	24° 3	20°45	17°43	18° 4	3°42	7°54	S 6
M 7	14 56 43	15°51'10	12♌42	7°31	4°20	15° 9	3°48	14°36	3°27	24° 5	20°43	17°44	18° 1	3°48	7°57	M 7
T 8	15 0 40	16°49'21	26°35	6°59	5°34	15°54	4° 0	14°38	3°25	24° 7	20°42	17°44	17°57	3°55	8° 1	T 8
W 9	15 4 37	17°47'31	10♌38	6°31	6°48	16°39	4°11	14°39	3°22	24° 9	20°40	17°44	17°54	4° 2	8° 5	W 9
T 10	15 8 33	18°45'40	24°49	6° 7	8° 1	17°24	4°22	14°41	3°20	24°11	20°39	17°44	17°51	4° 8	8° 9	T 10
F 11	15 12 30	19°43'47	9♌ 6	5°46	9°15	18° 9	4°34	14°42	3°17	24°13	20°37	17°44	17°48	4°15	8°12	F 11
S 12	15 16 26	20°41'53	23°26	5°30	10°29	18°54	4°45	14°44	3°15	24°15	20°36	17°44	17°45	4°22	8°16	S 12
S 13	15 20 23	21°39'57	7°Y46	5°18	11°43	19°39	4°57	14°45	3°12	24°16	20°35	17°44	17°41	4°29	8°20	S 13
M14	15 24 19	22°38'00	22° 2	5°11	12°57	20°24	5° 9	14°46	3°10	24°18	20°33	17°45	17°38	4°35	8°24	M14
T 15	15 28 16	23°36'02	6♌ 9	5°D 8	14°11	21° 9	5°20	14°47	3° 8	24°20	20°32	17°45	17°35	4°42	8°27	T 15
W16	15 32 12	24°34'02	20° 5	5°10	15°24	21°54	5°32	14°48	3° 5	24°22	20°31	17°R45	17°32	4°49	8°31	W16
T 17	15 36 9	25°32'00	3♌44	5°17	16°38	22°39	5°44	14°49	3° 3	24°24	20°29	17°45	17°29	4°55	8°35	T 17
F 18	15 40 6	26°29'58	17° 6	5°28	17°52	23°24	5°56	14°50	3° 1	24°26	20°28	17°44	17°26	5° 2	8°38	F 18
S 19	15 44 2	27°27'53	0♌ 9	5°44	19° 6	24° 9	6° 8	14°51	2°58	24°28	20°27	17°43	17°22	5° 9	8°42	S 19
S 20	15 47 59	28°25'47	12°53	6° 4	20°20	24°54	6°20	14°51	2°56	24°30	20°25	17°42	17°19	5°16	8°45	S 20
M21	15 51 55	29°23'39	25°20	6°29	21°33	25°39	6°32	14°52	2°54	24°33	20°24	17°40	17°16	5°22	8°49	M21
T 22	15 55 52	0♌21'30	7♌32	6°58	22°47	26°24	6°44	14°52	2°52	24°35	20°23	17°39	17°13	5°29	8°53	T 22
W23	15 59 48	1°19'18	19°34	7°30	24° 1	27° 8	6°57	14°53	2°50	24°37	20°22	17°38	17°10	5°36	8°56	W23
T 24	16 3 45	2°17'06	1♌29	8° 7	25°15	27°53	7° 9	14°53	2°48	24°39	20°21	17°D38	17° 7	5°42	9° 0	T 24
F 25	16 7 41	3°14'51	13°22	8°48	26°28	28°38	7°21	14°53	2°45	24°41	20°20	17°38	17° 3	5°49	9° 3	F 25
S 26	16 11 38	4°12'35	25°17	9°33	27°42	29°23	7°34	14°R53	2°43	24°43	20°18	17°39	17° 0	5°56	9° 7	S 26
S 27	16 15 35	5°10'17	7♌19	10°21	28°56	0°Y 7	7°46	14°53	2°41	24°45	20°17	17°40	16°57	6° 3	9°10	S 27
M28	16 19 31	6° 7'58	19°33	11°12	0♌10	0°52	7°59	14°53	2°39	24°47	20°16	17°42	16°54	6° 9	9°14	M28
T 29	16 23 28	7° 5'37	2♌ 2	12° 7	1°23	1°36	8°11	14°52	2°37	24°49	20°15	17°43	16°51	6°16	9°17	T 29
W30	16 27 24	8° 3'15	14°48	13° 5	2°37	2°21	8°24	14°52	2°35	24°52	20°14	17°R43	16°47	6°23	9°21	W30
T 31	16 31 21	9♌ 0'51	27♌53	14♌ 7	3♌51	3°Y 5	8♌37	14♌51	2♌33	24♌54	20♌13	17♌43	16♌44	6♌29	9♌24	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n48	7s15	2n 8	16n20	1n11	9n 5	1s23	8s59	1s31	23n22	0s 1	17s 2	0s33	12s14	0n32	21n59
W 2	15 7	12 40	1 2	15 53	0 55	9 32	1 22	8 42	1 32	23 21	0 1	17 1	0 34	12 13	0 32	21 59
T 3	15 25	17 38	0s 8	15 24	0 38	9 59	1 21	8 25	1 32	23 21	0 1	17 1	0 34	12 12	0 32	21 59
F 4	15 42	21 53	1 20	14 55	0 21	10 26	1 20	8 9	1 33	23 21	0 1	17 0	0 34	12 11	0 32	21 59
S 5	16 0	25 5	2 28	14 27	0 4	10 52	1 19	7 52	1 34	23 21	0 1	17 0	0 34	12 10	0 32	21 59
S 6	16 17	26 54	3 29	13 58	0s14	11 19	1 18	7 35	1 34	23 21	0 1	16 59	0 34	12 10	0 32	22 0
M 7	16 34	27 7	4 20	13 31	0 31	11 45	1 16	7 18	1 35	23 21	0 1	16 59	0 34	12 9	0 32	22 0
T 8	16 51	25 39	4 56	13 5	0 48	12 11	1 15	7 1	1 35	23 20	0 1	16 58	0 34	12 8	0 32	22 0
W 9	17 7	22 35	5 14	12 40	1 4	12 36	1 14	6 44	1 36	23 20	0 1	16 58	0 35	12 7	0 32	22 0
T 10	17 23	18 10	5 14	12 17	1 20	13 2	1 12	6 27	1 36	23 20	0 1	16 58	0 35	12 6	0 32	22 0
F 11	17 39	12 42	4 55	11 56	1 35	13 27	1 11	6 10	1 37	23 20	0 1	16 57	0 35	12 5	0 32	22 0
S 12	17 54	6 33	4 18	11 37	1 49	13 51	1 9	5 53	1 38	23 19	0 0	16 57	0 35	12 5	0 32	22 0
S 13	18 10	0 3	3 24	11 21	2 3	14 16	1 8	5 36	1 38	23 19	0 0	16 57	0 35	12 4	0 32	22 0
M14	18 24	6n26	2 18	11 7	2 15	14 39	1 6	5 18	1 39	23 19	0 0	16 57	0 35	12 3	0 32	22 0
T 15	18 39	12 33	1 4	10 55	2 27	15 3	1 4	5 1	1 39	23 18	0 0	16 57	0 35	12 2	0 32	22 1
W16	18 53	17 57	0n13	10 45	2 37	15 26	1 3	4 44	1 40	23 18	0n 0	16 56	0 35	12 2	0 32	22 1
T 17	19 7	22 18	1 27	10 38	2 47	15 49	1 1	4 27	1 40	23 17	0 0	16 56	0 36	12 1	0 32	22 1
F 18	19 21	25 22	2 35	10 34	2 56	16 12	0 59	4 9	1 41	23 17	0 0	16 56	0 36	12 0	0 32	22 1
S 19	19 34	26 58	3 34	10 32	3 3	16 34	0 57	3 52	1 41	23 17	0 0	16 56	0 36	11 59	0 32	22 1
S 20	19 47	27 6	4 20	10 32	3 10	16 55	0 55	3 35	1 42	23 16	0 0	16 56	0 36	11 58	0 32	22 1
M21	20 0	25 50	4 52	10 35	3 16	17 16	0 53	3 17	1 42	23 16	0 1	16 56	0 36	11 58	0 32	22 1
T 22	20 12	23 22	5 11	10 39	3 21	17 37	0 51	3 0	1 43	23 15	0 1	16 56	0 36	11 57	0 32	22 1
W23	20 24	19 55	5 16	10 46	3 25	17 57	0 49	2 43	1 43	23 15	0 1	16 56	0 36	11 56	0 32	22 1
T 24	20 36	15 42	5 7	10 55	3 28	18 17	0 47	2 25	1 43	23 14	0 1	16 56	0 37	11 56	0 32	22 2
F 25	20 47	10 55	4 45	11 6	3 30	18 37	0 45	2 8	1 44	23 13	0 1	16 56	0 37	11 55	0 32	22 2
S 26	20 58	5 42	4 10	11 18	3 31	18 55	0 43	1 51	1 44	23 13	0 1	16 56	0 37	11 54	0 32	22 2
S 27	21 8	0 14	3 25	11 33	3 32	19 14	0 41	1 33	1 45	23 12	0 1	16 57	0 37	11 54	0 32	22 2
M28	21 18	5s20	2 29	11 49	3 32	19 32	0 39	1 16	1 45	23 12	0 1	16 57	0 37	11 53	0 32	22 2
T 29	21 28	10 50	1 25	12 6	3 31	19 49	0 37	0 59	1 46	23 11	0 1	16 57	0 37	11 52	0 32	22 2
W30	21 38	16 0	0 16	12 26	3 29	20 6	0 34	0 41	1 46	23 10	0 1	16 57	0 37	11 52	0 32	22 2
T 31	21n47	20s34	0s56	12n46	3s27	20n22	0s32	0s24	1s46	23n 9	0n 2	16s57	0s38	11s51	0n32	22n 2

Julian Day Number = 2534574.5, Delta T = 192.20 sec
 Ecliptic obliquity = 23°24'41, Nutation = - 0°00'14, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°55'02, Lahiri = 27°02'03

ASTRODIENST EPHEMERIS for the year 2227

geocentric

JUNE 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 17	9♂58'27	11♂17	15♂11	5♂ 4	3♂50	8♂49	14°R51	2°R32	24♂56	20°R12	17°R42	16♂41	6♂36	9♂27	F 1
S 2	16 39 14	10°56'01	24°58	16°19	6°18	4°34	9° 2	14°50	2♂30	24°58	20♂11	17♂40	16°38	6°43	9°31	S 2
S 3	16 43 10	11°53'34	8♂55	17°30	7°32	5°19	9°15	14°49	2°28	25° 0	20°11	17°36	16°35	6°50	9°34	S 3
M 4	16 47 7	12°51'07	23° 3	18°43	8°46	6° 3	9°28	14°49	2°26	25° 2	20°10	17°33	16°32	6°56	9°37	M 4
T 5	16 51 4	13°48'38	7♂18	20° 0	9°59	6°47	9°40	14°48	2°25	25° 5	20° 9	17°30	16°28	7° 3	9°41	T 5
W 6	16 55 0	14°46'08	21°36	21°19	11°13	7°32	9°53	14°47	2°23	25° 7	20° 8	17°27	16°25	7°10	9°44	W 6
T 7	16 58 57	15°43'38	5♂54	22°41	12°27	8°16	10° 6	14°45	2°21	25° 9	20° 7	17°25	16°22	7°16	9°47	T 7
F 8	17 2 53	16°41'07	20° 7	24° 6	13°40	9° 0	10°19	14°44	2°20	25°11	20° 7	17°D25	16°19	7°23	9°50	F 8
S 9	17 6 50	17°38'35	4♂14	25°33	14°54	9°44	10°32	14°43	2°18	25°14	20° 6	17°26	16°16	7°30	9°54	S 9
S 10	17 10 46	18°36'03	18°13	27° 3	16° 8	10°28	10°45	14°41	2°17	25°16	20° 5	17°27	16°13	7°37	9°57	S 10
M11	17 14 43	19°33'30	2♂ 4	28°36	17°22	11°12	10°59	14°40	2°15	25°18	20° 4	17°29	16° 9	7°43	10° 0	M11
T 12	17 18 39	20°30'56	15°44	0♂12	18°35	11°56	11°12	14°38	2°14	25°20	20° 4	17°R29	16° 6	7°50	10° 3	T 12
W13	17 22 36	21°28'22	29°14	1°50	19°49	12°40	11°25	14°37	2°12	25°22	20° 3	17°29	16° 3	7°57	10° 6	W13
T 14	17 26 33	22°25'47	12♂31	3°31	21° 3	13°24	11°38	14°35	2°11	25°25	20° 3	17°27	16° 0	8° 3	10° 9	T 14
F 15	17 30 29	23°23'11	25°35	5°14	22°16	14° 8	11°51	14°33	2°10	25°27	20° 2	17°23	15°57	8°10	10°12	F 15
S 16	17 34 26	24°20'35	8♂24	7° 0	23°30	14°52	12° 5	14°31	2° 8	25°29	20° 2	17°17	15°53	8°17	10°15	S 16
S 17	17 38 22	25°17'58	21° 0	8°49	24°44	15°35	12°18	14°29	2° 7	25°31	20° 1	17°11	15°50	8°24	10°18	S 17
M18	17 42 19	26°15'20	3♂22	10°40	25°58	16°19	12°31	14°27	2° 6	25°34	20° 1	17° 4	15°47	8°30	10°21	M18
T 19	17 46 15	27°12'41	15°31	12°34	27°11	17° 3	12°45	14°25	2° 5	25°36	20° 0	16°58	15°44	8°37	10°24	T 19
W20	17 50 12	28°10'01	27°32	14°30	28°25	17°46	12°58	14°22	2° 4	25°38	20° 0	16°53	15°41	8°44	10°27	W20
T 21	17 54 8	29° 7'20	9♂26	16°28	29°39	18°30	13°11	14°20	2° 3	25°40	20° 0	16°49	15°38	8°50	10°29	T 21
F 22	17 58 5	0♂ 4'38	21°17	18°29	0♂53	19°13	13°25	14°17	2° 2	25°43	19°59	16°47	15°34	8°57	10°32	F 22
S 23	18 2 2	1° 1'56	3♂11	20°31	2° 6	19°56	13°38	14°15	2° 1	25°45	19°59	16°D46	15°31	9° 4	10°35	S 23
S 24	18 5 58	1°59'13	15°13	22°36	3°20	20°39	13°51	14°12	2° 0	25°47	19°59	16°47	15°28	9°11	10°37	S 24
M25	18 9 55	2°56'29	27°27	24°42	4°34	21°23	14° 5	14° 9	1°59	25°49	19°59	16°48	15°25	9°17	10°40	M25
T 26	18 13 51	3°53'44	9♂58	26°50	5°47	22° 6	14°18	14° 7	1°58	25°52	19°58	16°49	15°22	9°24	10°43	T 26
W27	18 17 48	4°50'59	22°50	28°59	7° 1	22°49	14°32	14° 4	1°58	25°54	19°58	16°R49	15°19	9°31	10°45	W27
T 28	18 21 44	5°48'13	6♂ 5	1♂ 9	8°15	23°31	14°45	14° 1	1°57	25°56	19°58	16°48	15°15	9°37	10°48	T 28
F 29	18 25 41	6°45'26	19°45	3°19	9°29	24°14	14°59	13°58	1°56	25°58	19°58	16°44	15°12	9°44	10°50	F 29
S 30	18 29 38	7°42'40	3♂48	5♂31	10♂42	24°Y57	15♂12	13°55	1♂56	26♂ 0	19♂58	16♂38	15♂ 9	9♂51	10♂53	S 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
F 1	21n55	24s11	2s 6	13n 8	3s23	20n38	0s30	0s 7	1s47	23n 9	0n 2	16s58	0s38	11s50	0n32	22n 2	1s17	8n20	17n30	17n 5	16n48	13n34	13n57	0s42	
S 2	22 3	26 29	3 11	13 31	3 20	20 53	0 28	0n11	1 47	23 8	0 2	16 58	0 38	11 50	0 32	22 2	1 17	8 20	17 30	17 5	16 47	13 31	13 58	0 43	
S 3	22 11	27 11	4 5	13 55	3 15	21 7	0 25	0 28	1 47	23 7	0 2	16 58	0 38	11 49	0 32	22 3	1 16	8 20	17 29	17 4	16 46	13 29	13 59	0 43	
M 4	22 19	26 8	4 45	14 20	3 10	21 21	0 23	0 45	1 48	23 6	0 2	16 59	0 38	11 49	0 32	22 3	1 16	8 20	17 29	17 3	16 46	13 26	14 0	0 43	
T 5	22 26	23 23	5 8	14 45	3 4	21 35	0 21	1 2	1 48	23 6	0 2	16 59	0 38	11 48	0 32	22 3	1 16	8 20	17 28	17 2	16 45	13 23	14 1	0 43	
W 6	22 33	19 13	5 12	15 12	2 58	21 48	0 18	1 19	1 48	23 5	0 2	17 0	0 38	11 47	0 32	22 3	1 16	8 20	17 28	17 1	16 44	13 20	14 2	0 43	
T 7	22 39	13 56	4 57	15 39	2 51	22 0	0 16	1 37	1 49	23 4	0 2	17 0	0 39	11 47	0 32	22 3	1 16	8 20	17 27	17 1	16 43	13 17	14 3	0 43	
F 8	22 45	7 57	4 24	16 7	2 44	22 11	0 14	1 54	1 49	23 3	0 2	17 1	0 39	11 46	0 32	22 3	1 16	8 20	17 27	17 1	16 42	13 15	14 4	0 43	
S 9	22 50	1 36	3 35	16 36	2 36	22 22	0 11	2 11	1 49	23 2	0 2	17 1	0 39	11 46	0 31	22 3	1 16	8 19	17 26	17 1	16 41	13 12	14 5	0 43	
S 10	22 55	4n47	2 33	17 5	2 28	22 32	0 9	2 28	1 50	23 1	0 2	17 2	0 39	11 45	0 31	22 3	1 16	8 19	17 26	17 1	16 40	13 9	14 6	0 43	
M11	23 0	10 52	1 23	17 34	2 19	22 42	0 7	2 45	1 50	23 0	0 3	17 2	0 39	11 45	0 31	22 3	1 16	8 19	17 25	17 2	16 39	13 6	14 7	0 43	
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W13	23 8	21 0	1n 4	18 32	2 0	22 59	0 2	3 18	1 50	22 58	0 3	17 4	0 39	11 44	0 31	22 4	1 16	8 18	17 24	17 2	16 37	13 0	14 8	0 44	
T 14	23 12	24 27	2 12	19 2	1 50	23 7	0n 1	3 35	1 51	22 57	0 3	17 4	0 40	11 44	0 31	22 4	1 16	8 18	17 24	17 1	16 36	12 58	14 9	0 44	
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S 16	23 17	27 10	4 2	19 59	1 30	23 20	0 5	4 9	1 51	22 55	0 3	17 6	0 40	11 43	0 31	22 4	1 16	8 18	17 23	16 59	16 35	12 52	14 11	0 44	
S 17	23 20	26 21	4 38	20 27	1 19	23 26	0 8	4 25	1 51	22 54	0 3	17 6	0 40	11 42	0 31	22 4	1 16	8 17	17 22	16 57	16 34	12 49	14 12	0 44	
M18	23 22	24 15	5 1	20 54	1 8	23 31	0 10	4 42	1 51	22 53	0 3	17 7	0 40	11 42	0 31	22 4	1 16	8 17	17 22	16 55	16 33	12 46	14 12	0 44	
T 19	23 23	21 5	5 9	21 20	0 57	23 35	0 12	4 58	1 52	22 51	0 3	17 8	0 40	11 42	0 31	22 4	1 16	8 17	17 21	16 53	16 32	12 43	14 13	0 44	
W20	23 24	17 4	5 4	21 46	0 45	23 39	0 15	5 14	1 52	22 50	0 3	17 9	0 40	11 41	0 31	22 4	1 16	8 16	17 21	16 51	16 31	12 41	14 14	0 44	
T 21	23 25	12 26	4 46	22 10	0 34	23 42	0 17	5 31	1 52	22 49	0 4	17 9	0 40	11 41	0 31	22 4	1 16	8 16	17 20	16 50	16 30	12 38	14 15	0 44	
F 22	23 25	7 22	4 15	22 32	0 23	23 44	0 19	5 47	1 52	22 48	0 4	17 10	0 41	11 41	0 31	22 4	1 16	8 16	17 20	16 50	16 29	12 35	14 16	0 45	
S 23	23 24	2 0	3 34	22 53	0 11	23 45	0 22	6 3	1 52	22 47	0 4	17 11	0 41	11 40	0 31	22 4	1 16	8 15	17 19	16 50	16 28	12 32	14 16	0 45	
S 24	23 24	3s29	2 42	23 12	0 0	23 46	0 24	6 19	1 52	22 45	0 4	17 12	0 41	11 40	0 31	22 4	1 16	8 15	17 19	16 50	16 27	12 29	14 17	0 45	
M25	23 23	8 57	1 43	23 29	0n11	23 46	0 26	6 35	1 52	22 44	0 4	17 13	0 41	11 40	0 31	22 4	1 16	8 14	17 18	16 50	16 26	12 26	14 18	0 45	
T 26	23 21	14 12	0 37	23 44	0 21	23 46	0 29	6 51	1 53	22 43	0 4	17 14	0 41	11 40	0 31	22 5	1 16	8 14	17 17	16 51	16 25	12 23	14 18	0 45	
W27	23 19	18 59	0s32	23 56	0 31	23 44	0 31	7 7	1 53	22 41	0 4	17 15	0 41	11 39	0 31	22 5	1 16	8 13	17 17	16 51	16 24	12 20	14 19	0 45	
T 28	23 17	22 58	1 42	24 6	0 41	23 42	0 33	7 23	1 53	22 40	0 4	17 16	0 41	11 39	0 31	22 5	1 16	8 13	17 16	16 50	16 24	12 18	14 20	0 45	
F 29	23 14	25 48	2 48	24 13	0 51	23 40	0 35	7 38	1 53	22 38	0 4	17 17	0 42	11 39	0 31	22 5	1 16	8 12	17 16	16 49	16 23	12 15	14 20	0 45	
S 30	23n11	27s 6	3s45	24n17	0n59	23n36	0n37	7n54	1s53	22n37	0n 4	17s18	0s42	11s39	0n31	22n 5	1s16	8n12	17n15	16n47	16n22	12n12	14n21	0s45	

ASTRODIENST EPHEMERIS for the year 2227
geocentric

JULY 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 34	8 ²⁹ 39'53	18 ³¹ 11	7 ⁴² 42	11 ⁵⁶ 56	25 ⁴⁰ 40	15 ²⁶ 26	13 ⁵² 52	1 ⁵⁵ 55	26 ¹¹ 11	19 ⁵⁸ 58	16 ⁵⁸ 58	15 ⁵⁸ 58	9 ⁵⁸ 58	10 ⁵⁵ 55	S 1
M 2	18 37 31	9 ³⁷ 06	2 ⁴⁶ 46	9 ⁵³ 53	13 ¹⁰ 10	26 ²² 22	15 ³⁹ 39	13 ⁴⁸ 48	1 ⁵⁵ 55	26 ⁵ 5	19 ⁵⁸ 58	16 ²³ 23	15 ³ 3	10 ⁴ 4	10 ⁵⁷ 57	M 2
T 3	18 41 27	10 ³⁴ 18	17 ²⁸ 28	12 ⁴ 4	14 ²⁴ 24	27 ⁵ 5	15 ⁵³ 53	13 ⁴⁵ 45	1 ⁵⁴ 54	26 ⁷ 7	19 ⁵⁸ 58	16 ¹⁵ 15	14 ⁵⁹ 59	10 ¹¹ 11	11 ⁰ 0	T 3
W 4	18 45 24	11 ³¹ 31	2 ⁸ 8	14 ¹⁴ 14	15 ³⁷ 37	27 ⁴⁷ 47	16 ⁷ 7	13 ⁴² 42	1 ⁵⁴ 54	26 ⁹ 9	19 ⁵⁸ 58	16 ⁹ 9	14 ⁵⁶ 56	10 ¹⁸ 18	11 ² 2	W 4
T 5	18 49 20	12 ²⁸ 43	16 ⁴¹ 41	16 ²⁴ 24	16 ⁵¹ 51	28 ³⁰ 30	16 ²⁰ 20	13 ³⁸ 38	1 ⁵⁴ 54	26 ¹¹ 11	19 ⁵⁸ 58	16 ⁴ 4	14 ⁵³ 53	10 ²⁴ 24	11 ⁴ 4	T 5
F 6	18 53 17	13 ²⁵ 56	1 ¹⁷ 17	18 ³² 32	18 ⁵ 5	29 ¹² 12	16 ³⁴ 34	13 ³⁵ 35	1 ⁵³ 53	26 ¹⁴ 14	19 ⁵⁹ 59	16 ¹ 1	14 ⁵⁰ 50	10 ³¹ 31	11 ⁶ 6	F 6
S 7	18 57 13	14 ²³ 08	15 ⁷ 7	20 ³⁹ 39	19 ¹⁸ 18	29 ⁵⁴ 54	16 ⁴⁷ 47	13 ³¹ 31	1 ⁵³ 53	26 ¹⁶ 16	19 ⁵⁹ 59	16 ^{D 1} D 1	14 ⁴⁷ 47	10 ³⁸ 38	11 ⁸ 8	S 7
S 8	19 1 10	15 ²⁰ 21	28 ⁵⁶ 56	22 ⁴⁵ 45	20 ³² 32	0 ³⁶ 36	17 ¹ 1	13 ²⁸ 28	1 ⁵³ 53	26 ¹⁸ 18	19 ⁵⁹ 59	16 ¹ 1	14 ⁴⁴ 44	10 ⁴⁵ 45	11 ¹¹ 11	S 8
M 9	19 5 7	16 ¹⁷ 35	12 ³¹ 31	24 ⁴⁹ 49	21 ⁴⁶ 46	1 ¹⁸ 18	17 ¹⁴ 14	13 ²⁴ 24	1 ⁵³ 53	26 ²⁰ 20	19 ⁵⁹ 59	16 ^{R 2} R 2	14 ⁴⁰ 40	10 ⁵¹ 51	11 ¹³ 13	M 9
T 10	19 9 3	17 ¹⁴ 48	25 ⁵¹ 51	26 ⁵¹ 51	23 ⁰ 0	2 ⁰ 0	17 ²⁸ 28	13 ²⁰ 20	1 ⁵³ 53	26 ²² 22	20 ⁰ 0	16 ¹ 1	14 ³⁷ 37	10 ⁵⁸ 58	11 ¹⁵ 15	T 10
W 11	19 13 0	18 ¹² 02	8 ⁵⁸ 58	28 ⁵² 52	24 ¹⁴ 14	2 ⁴² 42	17 ⁴¹ 41	13 ¹⁶ 16	1 ^{D 53} D 53	26 ²⁴ 24	20 ⁰ 0	15 ⁵⁹ 59	14 ³⁴ 34	11 ⁵ 5	11 ¹⁷ 17	W 11
T 12	19 16 56	19 ⁹ 17	21 ⁵³ 53	0 ⁵¹ 51	25 ²⁷ 27	3 ²³ 23	17 ⁵⁵ 55	13 ¹³ 13	1 ⁵³ 53	26 ²⁶ 26	20 ⁰ 0	15 ⁵⁴ 54	14 ³¹ 31	11 ¹¹ 11	11 ¹⁸ 18	T 12
F 13	19 20 53	20 ⁶ 31	4 ³⁸ 38	2 ⁴⁸ 48	26 ⁴¹ 41	4 ⁵ 5	18 ⁹ 9	13 ⁹ 9	1 ⁵³ 53	26 ²⁸ 28	20 ¹ 1	15 ⁴⁷ 47	14 ²⁸ 28	11 ¹⁸ 18	11 ²⁰ 20	F 13
S 14	19 24 49	21 ³ 45	17 ¹¹ 11	4 ⁴³ 43	27 ⁵⁵ 55	4 ⁴⁶ 46	18 ²² 22	13 ⁵ 5	1 ⁵³ 53	26 ³⁰ 30	20 ¹ 1	15 ³⁷ 37	14 ²⁵ 25	11 ²⁵ 25	11 ²² 22	S 14
S 15	19 28 46	22 ¹ 00	29 ³⁴ 34	6 ³⁷ 37	29 ⁹ 9	5 ²⁸ 28	18 ³⁶ 36	13 ¹ 1	1 ⁵³ 53	26 ³³ 33	20 ¹ 1	15 ²⁶ 26	14 ²¹ 21	11 ³¹ 31	11 ²⁴ 24	S 15
M 16	19 32 42	22 ⁵⁸ 15	11 ⁴⁶ 46	8 ²⁸ 28	0 ²³ 23	6 ⁹ 9	18 ⁴⁹ 49	12 ⁵⁷ 57	1 ⁵³ 53	26 ³⁵ 35	20 ² 2	15 ¹⁴ 14	14 ¹⁸ 18	11 ³⁸ 38	11 ²⁶ 26	M 16
T 17	19 36 39	23 ⁵⁵ 30	23 ⁵⁰ 50	10 ¹⁸ 18	1 ³⁶ 36	6 ⁵⁰ 50	19 ³ 3	12 ⁵³ 53	1 ⁵⁴ 54	26 ³⁷ 37	20 ³ 3	15 ² 2	14 ¹⁵ 15	11 ⁴⁵ 45	11 ²⁷ 27	T 17
W 18	19 40 36	24 ⁵² 45	5 ¹⁷ 46	12 ⁵ 5	2 ⁵⁰ 50	7 ³¹ 31	19 ¹⁶ 16	12 ⁴⁹ 49	1 ⁵⁴ 54	26 ³⁹ 39	20 ³ 3	14 ⁵² 52	14 ¹² 12	11 ⁵² 52	11 ²⁹ 29	W 18
T 19	19 44 32	25 ⁵⁰ 00	17 ³⁸ 38	13 ⁵¹ 51	4 ⁴ 4	8 ¹² 12	19 ³⁰ 30	12 ⁴⁴ 44	1 ⁵⁴ 54	26 ⁴¹ 41	20 ⁴ 4	14 ⁴⁴ 44	14 ⁹ 9	11 ⁵⁸ 58	11 ³⁰ 30	T 19
F 20	19 48 29	26 ⁴⁷ 15	29 ²⁸ 28	15 ³⁵ 35	5 ¹⁸ 18	8 ⁵³ 53	19 ⁴³ 43	12 ⁴⁰ 40	1 ⁵⁵ 55	26 ⁴³ 43	20 ⁴ 4	14 ³⁸ 38	14 ⁵ 5	12 ⁵ 5	11 ³² 32	F 20
S 21	19 52 25	27 ⁴⁴ 30	11 ⁴² 20	17 ¹⁷ 17	6 ³² 32	9 ³³ 33	19 ⁵⁷ 57	12 ³⁶ 36	1 ⁵⁵ 55	26 ⁴⁵ 45	20 ⁵ 5	14 ³⁵ 35	14 ² 2	12 ¹² 12	11 ³³ 33	S 21
S 22	19 56 22	28 ⁴¹ 45	23 ¹⁹ 19	18 ⁵⁷ 57	7 ⁴⁵ 45	10 ¹⁴ 14	20 ¹⁰ 10	12 ³² 32	1 ⁵⁶ 56	26 ⁴⁷ 47	20 ⁶ 6	14 ³⁴ 34	13 ⁵⁹ 59	12 ¹⁸ 18	11 ³⁵ 35	S 22
M 23	20 0 18	29 ³⁹ 01	5 ¹¹ 31	20 ³⁵ 35	8 ⁵⁹ 59	10 ⁵⁴ 54	20 ²⁴ 24	12 ²⁷ 27	1 ⁵⁷ 57	26 ⁴⁹ 49	20 ⁶ 6	14 ^{D 34} D 34	13 ⁵⁶ 56	12 ²⁵ 25	11 ³⁶ 36	M 23
T 24	20 4 15	0 ³⁶ 16	18 ⁰ 0	22 ¹¹ 11	10 ¹³ 13	11 ³⁴ 34	20 ³⁷ 37	12 ²³ 23	1 ⁵⁷ 57	26 ⁵¹ 51	20 ⁷ 7	14 ^{R 34} R 34	13 ⁵³ 53	12 ³² 32	11 ³⁷ 37	T 24
W 25	20 8 11	1 ³³ 32	0 ⁴ 51	23 ⁴⁵ 45	11 ²⁷ 27	12 ¹⁴ 14	20 ⁵¹ 51	12 ¹⁹ 19	1 ⁵⁸ 58	26 ⁵² 52	20 ⁸ 8	14 ³³ 33	13 ⁵⁰ 50	12 ³⁹ 39	11 ³⁹ 39	W 25
T 26	20 12 8	2 ³⁰ 49	14 ⁹ 9	25 ¹⁷ 17	12 ⁴¹ 41	12 ⁵⁴ 54	21 ⁴ 4	12 ¹⁴ 14	1 ⁵⁹ 59	26 ⁵⁴ 54	20 ⁹ 9	14 ³⁰ 30	13 ⁴⁶ 46	12 ⁴⁵ 45	11 ⁴⁰ 40	T 26
F 27	20 16 5	3 ²⁸ 05	27 ⁵⁵ 55	26 ⁴⁸ 48	13 ⁵⁴ 54	13 ³⁴ 34	21 ¹⁷ 17	12 ¹⁰ 10	2 ⁰ 0	26 ⁵⁶ 56	20 ¹⁰ 10	14 ²⁵ 25	13 ⁴³ 43	12 ⁵² 52	11 ⁴¹ 41	F 27
S 28	20 20 1	4 ²⁵ 22	12 ³ 9	28 ¹⁶ 16	15 ⁸ 8	14 ¹⁴ 14	21 ³¹ 31	12 ⁶ 6	2 ¹ 1	26 ⁵⁸ 58	20 ¹¹ 11	14 ¹⁷ 17	13 ⁴⁰ 40	12 ⁵⁹ 59	11 ⁴² 42	S 28
S 29	20 23 58	5 ²² 39	26 ⁴⁸ 48	29 ⁴² 42	16 ²² 22	14 ⁵³ 53	21 ⁴⁴ 44	12 ¹ 1	2 ¹ 1	27 ⁰ 0	20 ¹¹ 11	14 ⁷ 7	13 ³⁷ 37	13 ⁵ 5	11 ⁴³ 43	S 29
M 30	20 27 54	6 ¹⁹ 57	11 ⁴⁴ 44	1 ¹⁷ 7	17 ³⁶ 36	15 ³³ 33	21 ⁵⁷ 57	11 ⁵⁷ 57	2 ² 2	27 ² 2	20 ¹² 12	13 ⁵⁷ 57	13 ³⁴ 34	13 ¹² 12	11 ⁴⁴ 44	M 30
T 31	20 31 51	7 ¹⁷ 16	26 ⁴⁸ 48	2 ¹⁷ 29	18 ⁵⁰ 50	16 ¹² 12	22 ⁵¹ 51	11 ⁵² 52	2 ¹¹ 11	27 ^{II 4} II 4	20 ¹³ 13	13 ⁴⁶ 46	13 ³¹ 31	13 ¹⁷ 17	11 ⁴⁵ 45	T 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	decl	lat
S 1	23n 8	26s38	4s29	24n19	1n 8	23n32	0n40	8n 9	1s53	22n36	0n 4	17s19	0s42	11s39	0n31	22n 5	1s16	8n11	17n15	16n45	16n21	12n 9	14n22	0s46									
M 2	23 4	24 20	4 57	24 18	1 15	23 27	0 42	8 25	1 53	22 34	0 5	17 20	0 42	11 39	0 31	22 5	1 16	8 11	17 14	16 43	16 20	12 6	14 22	0 46									
T 3	22 59	20 25	5 5	24 14	1 22	23 22	0 44	8 40	1 53	22 33	0 5	17 21	0 42	11 38	0 31	22 5	1 16	8 10	17 14	16 41	16 19	12 3	14 23	0 46									
W 4	22 55	15 16	4 54	24 7	1 28	23 15	0 46	8 55	1 53	22 31	0 5	17 22	0 42	11 38	0 31	22 5	1 16	8 10	17 13	16 39	16 18	12 0	14 24	0 46									
T 5	22 50	9 17	4 23	23 58	1 34	23 8	0 48	9 10	1 53	22 30	0 5	17 23	0 42	11 38	0 31	22 5	1 16	8 9	17 12	16 38	16 17	11 57	14 24	0 46									
F 6	22 44	2 54	3 37	23 46	1 39	23 1	0 50	9 25	1 53	22 28	0 5	17 24	0 42	11 38	0 31	22 5	1 16	8 9	17 12	16 37	16 16	11 54	14 25	0 46									
S 7	22 38	3n31	2 37	23 31	1 43	22 53	0 52	9 40	1 53	22 26	0 5	17 26	0 43	11 38	0 31	22 5	1 16	8 8	17 11	16 37	16 15	11 51	14 25	0 46									
S 8	22 32	9 41	1 30	23 14	1 46	22 44	0 54	9 54	1 53	22 25	0 5	17 27	0 43	11 38	0 31	22 5	1 16	8 8	17 11	16 37	16 14	11 49	14 26	0 46									
M 9	22 25	15 17	0 19	22 55	1 48	22 34	0 56	10 9	1 53	22 23	0 5	17 28	0 43	11 38	0 31	22 5	1 16	8 7	17 10	16 37	16 13	11 46	14 26	0 46									
T 10	22 18	20 2	0n52	22 34	1 50	22 24	0 57	10 23	1 53	22 22	0 5	17 29	0 43	11 38	0 30	22 5	1 16	8 6	17 10	16 37	16 12	11 43	14 27	0 47									
W 11	22 11	23 44	1 59	22 10	1 51	22 13	0 59	10 38	1 53	22 20	0 5	17 30	0 43	11 38	0 30	22 5	1 16	8 6	17 9	16 36	16 11	11 40	14 27	0 47									
T 12	22 3	26 8	2 59	21 45	1 51	22 1	1 1	10 52	1 52	22 18	0 5	17 31	0 43	11 38	0 30	22 5	1 16	8 5	17 9	16 35	16 10	11 37	14 28	0 47									
F 13	21 54	27 8	3 48	21 19	1 51	21 49	1 3	11 6	1 52	22 17	0 6	17 33	0 43	11 38	0 30	22 6	1 16	8 4	17 8	16 33	16 10	11 34	14 28	0 47									
S 14	21 46	26 42	4 26	20 50	1 50	21 36	1 4	11 20	1 52	22 15	0 6	17 34	0 43	11 38	0 30	22 6	1 16	8 4	17 7	16 30	16 9	11 31	14 29	0 47									
S 15	21 37	24 57	4 51	20 21	1 48	21 23	1 6	11 34	1 52	22 13	0 6	17 35	0 44	11 38	0 30	22 6	1 16	8 3	17 7	16 27	16 8	11 28	14 29	0 47									
M 16	21 28	22 3	5 1	19 50	1 46	21 9	1 7	11 48	1 52	22 11	0 6	17 36	0 44	11 39	0 30	22 6	1 16	8 2	17 6	16 23	16 7	11 25	14 30	0 47									
T 17	21 18	18 15	4 58	19 18	1 43	20 54	1 9	12 1	1 52	22 9	0 6	17 38	0 44	11 39	0 30	22 6	1 16	8 2	17 6	16 20	16 6	11 22	14 30	0 47									
W 18	21 8	13 45	4 42	18 44	1 39	20 39	1 10	12 15	1 52	22 8	0 6	17 39	0 44	11 39	0 30	22 6	1 16	8 1	17 5	16 17	16 5	11 19	14 30	0 48									
T 19	20 57	8 47	4 14	18 10	1 35	20 23	1 12	12 28	1 51	22 6	0 6	17 40	0 44	11 39	0 30	22 6	1 16	8 0	17 5	16 14	16 4	11 16	14 31	0 48									
F 20	20 46	3 30	3 35	17 35	1 31	20 6	1 13	12 41	1 51	22 4	0 6	17 41	0 44	11 39	0 30	22 6	1 16	7 59	17 4	16 13	16 3	11 13	14 31	0 48									
S 21	20 35	1s55	2 47	17 0	1 26	19 49	1 15	12 54	1 51	22 2	0 6	17 43	0 44	11 39	0 30	22 6	1 16	7 59	17 4	16 12	16 2	11 10	14 31	0 48									
S 22	20 24	7 21	1 50	16 24	1 20	19 32	1 16	13 7	1 51	22 0	0 6	17 44	0 44	11 40	0 30	22 6	1 16	7 58	17 3	16 11	16 1	11 7	14 32	0 48									
M 23	20 12	12 35	0 48	15 47	1 14	19 14	1 17	13 20	1 50	21 58	0 7	17 45	0 44	11 40	0 30	22 6	1 16	7 57	17 2	16 11	16 0	11 4	14 32	0 48									
T 24	20 0	17 28	0s18	15 10	1 8	18 15	1 18	13 32	1 50	21 56	0 7	17 47	0 44	11 40	0 30	22 6	1 16	7 56	17 2	16 11	15 59	11 1	14 32	0 48									
W 25	19 47	21 42	1 25	14 32	1 1	18 36	1 19	13 45	1 50	21 54	0 7	17 48	0 45	11 40	0 30	22 6	1 17	7 56	17 1	16 11	15 58	10 58	14 33	0 48									
T 26	19 35	24 57	2 30	13 55	0 53	18 16	1 20	13 57	1 50	21 53	0 7	17 49	0 45	11 41	0 30	22 6	1 17	7 55	17 1	16 10	15 57	10 55	14 33	0 49									
F 27	19 21	26 52	3 28	13 17	0 46	17 56	1 21	14 9	1 49	21 51	0 7	17 51	0 45	11 41	0 30	22 6	1 17	7 54	17 0	16 9	15 56	10 52	14 33	0 49									
S 28	19 8	27 5	4 15	12 39	0 37	17 35	1 22	14 21	1 49	21 49	0 7	17 52	0 45	11 41	0 30	22 6	1 17	7 53	17 0	16 6	15 55	10 49	14 33	0 49									
S 29	18 54	25 28	4 47	12 1	0 29	17 14	1 23	14 33	1 49	21 47	0 7	17 53	0 45	11 42	0 30	22 6	1 17	7 52	16 59	16 4	15 54	10 46	14 33	0 49									
M 30	18 40	22 3	5 0	11 23	0 20	16 52	1 24	14 45	1 48	21 45	0 7	17 55	0 45	11 42	0 30	22 6	1 17	7 51	16 59	16 0	15 53	10 43	14 34	0 49									
T 31	18n26	17s 9	4s53	10n45	0n11	16n30	1n25	14n57	1s48	21n42	0n 7	17s56	0s45	11s43	0n30	22n 6	1s17	7n51	16n58	15n57	15n53	10n40	14n34	0s49									

ASTRODIENST EPHEMERIS for the year 2227

geocentric

AUGUST 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 35 47	8♌14'35	11♋51	3♎49	20♌3	16♋51	22♌24	11♌48	2♎5	27♌5	20♌14	13♌37	13♌27	13♎25	11♋46	W 1
T 2	20 39 44	9♏11'55	26♌44	5° 8	21°17	17°30	22°37	11♌44	2° 6	27° 7	20°15	13♌30	13°24	13°32	11°47	T 2
F 3	20 43 40	10° 9'16	11♌18	6°24	22°31	18° 9	22°51	11°39	2° 7	27° 9	20°17	13°26	13°21	13°39	11°48	F 3
S 4	20 47 37	11° 6'38	25°31	7°38	23°45	18°48	23° 4	11°35	2° 8	27°11	20°18	13°24	13°18	13°46	11°48	S 4
S 5	20 51 34	12° 4'01	9♋22	8°49	24°59	19°26	23°17	11°30	2° 9	27°12	20°19	13°23	13°15	13°52	11°49	S 5
M 6	20 55 30	13° 1'26	22°51	9°58	26°12	20° 4	23°30	11°26	2°11	27°14	20°20	13°23	13°11	13°59	11°50	M 6
T 7	20 59 27	13°58'51	6♊1	11° 5	27°26	20°43	23°43	11°21	2°12	27°16	20°21	13°22	13° 8	14° 6	11°50	T 7
W 8	21 3 23	14°56'18	18°55	12° 9	28°40	21°21	23°56	11°17	2°14	27°17	20°22	13°19	13° 5	14°12	11°51	W 8
T 9	21 7 20	15°53'46	1♌34	13°11	29°54	21°58	24° 9	11°12	2°15	27°19	20°24	13°14	13° 2	14°19	11°51	T 9
F 10	21 11 16	16°51'15	14° 2	14°10	1♎8	22°36	24°22	11° 8	2°17	27°21	20°25	13° 5	12°59	14°26	11°51	F 10
S 11	21 15 13	17°48'45	26°21	15° 6	2°21	23°14	24°35	11° 3	2°18	27°22	20°26	12°54	12°56	14°33	11°52	S 11
S 12	21 19 9	18°46'16	8♌31	15°59	3°35	23°51	24°48	10°59	2°20	27°24	20°28	12°41	12°52	14°39	11°52	S 12
M13	21 23 6	19°43'49	20°34	16°49	4°49	24°28	25° 1	10°55	2°21	27°25	20°29	12°27	12°49	14°46	11°52	M13
T 14	21 27 3	20°41'22	2♎31	17°36	6° 3	25° 5	25°14	10°50	2°23	27°27	20°30	12°14	12°46	14°53	11°52	T 14
W15	21 30 59	21°38'56	14°23	18°19	7°17	25°41	25°27	10°46	2°25	27°28	20°32	12° 2	12°43	14°59	11°53	W15
T 16	21 34 56	22°36'31	26°13	18°59	8°31	26°18	25°39	10°42	2°27	27°30	20°33	11°52	12°40	15° 6	11°53	T 16
F 17	21 38 52	23°34'07	8♌2	19°35	9°44	26°54	25°52	10°37	2°29	27°31	20°35	11°45	12°37	15°13	11°53	F 17
S 18	21 42 49	24°31'45	19°54	20° 7	10°58	27°30	26° 5	10°33	2°31	27°33	20°36	11°41	12°33	15°19	11°52	S 18
S 19	21 46 45	25°29'23	1♎52	20°34	12°12	28° 6	26°17	10°29	2°32	27°34	20°38	11°39	12°30	15°26	11°52	S 19
M20	21 50 42	26°27'02	14° 2	20°57	13°26	28°42	26°30	10°24	2°34	27°35	20°39	11°D39	12°27	15°33	11°52	M20
T 21	21 54 38	27°24'42	26°28	21°15	14°40	29°17	26°43	10°20	2°37	27°37	20°41	11°R39	12°24	15°40	11°52	T 21
W22	21 58 35	28°22'24	9♌16	21°29	15°53	29°52	26°55	10°16	2°39	27°38	20°43	11°39	12°21	15°46	11°52	W22
T 23	22 2 32	29°20'06	22°30	21°37	17° 7	0♊27	27° 7	10°12	2°41	27°39	20°44	11°36	12°17	15°53	11°51	T 23
F 24	22 6 28	0♎17'49	6♋13	21°R40	18°21	1° 2	27°20	10° 8	2°43	27°41	20°46	11°32	12°14	16° 0	11°51	F 24
S 25	22 10 25	1°15'34	20°25	21°37	19°35	1°37	27°32	10° 4	2°45	27°42	20°48	11°26	12°11	16° 6	11°50	S 25
S 26	22 14 21	2°13'19	5♌6	21°29	20°48	2°11	27°44	10° 0	2°47	27°43	20°49	11°17	12° 8	16°13	11°50	S 26
M27	22 18 18	3°11'06	20° 8	21°15	22° 2	2°45	27°57	9°56	2°50	27°44	20°51	11° 7	12° 5	16°20	11°49	M27
T 28	22 22 14	4° 8'54	5♋24	20°55	23°16	3°19	28° 9	9°52	2°52	27°45	20°53	10°58	12° 2	16°26	11°49	T 28
W29	22 26 11	5° 6'44	20°41	20°29	24°30	3°52	28°21	9°48	2°54	27°46	20°55	10°49	11°58	16°33	11°48	W29
T 30	22 30 7	6° 4'35	5♌49	19°57	25°43	4°26	28°33	9°45	2°57	27°47	20°56	10°43	11°55	16°40	11°47	T 30
F 31	22 34 4	7♎2'27	20♌39	19♎20	26♎57	4♊59	28♌45	9♌41	2♎59	27♌48	20♌58	10♋39	11♋52	16♎47	11♋46	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n11	11s11	4s25	10n 7	0n 2	16n 8	1n25	15n 8	1s47	21n40	0n 7	17s57	0s45	11s43	0n30	22n 6
T 2	17 56	4 40	3 40	9 30	0s 8	15 45	1 26	15 19	1 47	21 38	0 7	17 59	0 45	11 43	0 30	22 6
F 3	17 41	2n 0	2 41	8 53	0 18	15 21	1 26	15 30	1 47	21 36	0 8	18 0	0 45	11 44	0 30	22 6
S 4	17 25	8 25	1 33	8 16	0 28	14 57	1 27	15 41	1 46	21 34	0 8	18 1	0 46	11 44	0 30	22 6
S 5	17 9	14 16	0 21	7 40	0 38	14 33	1 27	15 52	1 46	21 32	0 8	18 3	0 46	11 45	0 30	22 6
M 6	16 53	19 16	0n50	7 4	0 49	14 8	1 28	16 3	1 45	21 30	0 8	18 4	0 46	11 45	0 30	22 6
T 7	16 37	23 12	1 56	6 29	1 0	13 43	1 28	16 14	1 45	21 28	0 8	18 5	0 46	11 46	0 30	22 6
W 8	16 20	25 52	2 56	5 54	1 11	13 18	1 28	16 24	1 44	21 26	0 8	18 6	0 46	11 46	0 29	22 6
T 9	16 3	27 9	3 45	5 20	1 22	12 52	1 28	16 34	1 44	21 23	0 8	18 8	0 46	11 47	0 29	22 6
F 10	15 46	27 2	4 23	4 47	1 33	12 26	1 28	16 44	1 43	21 21	0 8	18 9	0 46	11 47	0 29	22 6
S 11	15 29	25 34	4 48	4 16	1 44	12 0	1 28	16 54	1 43	21 19	0 8	18 10	0 46	11 48	0 29	22 6
S 12	15 11	22 55	4 59	3 45	1 56	11 33	1 28	17 4	1 42	21 17	0 9	18 12	0 46	11 49	0 29	22 6
M13	14 53	19 18	4 57	3 15	2 7	11 6	1 28	17 13	1 41	21 15	0 9	18 13	0 46	11 49	0 29	22 6
T 14	14 35	14 56	4 41	2 46	2 18	10 39	1 28	17 23	1 41	21 12	0 9	18 14	0 46	11 50	0 29	22 6
W15	14 16	10 3	4 14	2 19	2 30	10 11	1 28	17 32	1 40	21 10	0 9	18 15	0 46	11 50	0 29	22 6
T 16	13 58	4 48	3 36	1 53	2 41	9 43	1 27	17 41	1 40	21 8	0 9	18 17	0 46	11 51	0 29	22 6
F 17	13 39	0s37	2 48	1 29	2 52	9 15	1 27	17 50	1 39	21 6	0 9	18 18	0 46	11 52	0 29	22 6
S 18	13 20	6 2	1 53	1 6	3 3	8 47	1 27	17 59	1 38	21 3	0 9	18 19	0 47	11 52	0 29	22 6
S 19	13 1	11 18	0 52	0 45	3 14	8 18	1 26	18 8	1 38	21 1	0 9	18 20	0 47	11 53	0 29	22 6
M20	12 41	16 14	0s13	0 27	3 25	7 49	1 25	18 16	1 37	20 59	0 9	18 22	0 47	11 54	0 29	22 6
T 21	12 21	20 36	1 18	0 10	3 35	7 20	1 25	18 24	1 36	20 57	0 9	18 23	0 47	11 55	0 29	22 6
W22	12 2	24 8	2 21	0s 4	3 45	6 51	1 24	18 33	1 36	20 54	0 10	18 24	0 47	11 55	0 29	22 6
T 23	11 42	26 30	3 19	0 16	3 54	6 22	1 23	18 41	1 35	20 52	0 10	18 25	0 47	11 56	0 29	22 6
F 24	11 21	27 23	4 7	0 25	4 3	5 52	1 22	18 49	1 34	20 50	0 10	18 26	0 47	11 57	0 29	22 6
S 25	11 1	26 31	4 43	0 31	4 11	5 22	1 21	18 56	1 33	20 47	0 10	18 27	0 47	11 58	0 29	22 6
S 26	10 40	23 50	5 1	0 34	4 18	4 52	1 20	19 4	1 32	20 45	0 10	18 29	0 47	11 58	0 29	22 6
M27	10 20	19 28	4 59	0 31	4 24	4 22	1 19	19 11	1 32	20 43	0 10	18 30	0 47	11 59	0 29	22 6
T 28	9 59	13 48	4 36	0 34	4 29	3 52	1 18	19 19	1 31	20 41	0 10	18 31	0 47	12 0	0 29	22 6
W29	9 38	7 16	3 53	0 25	4 32	3 22	1 17	19 26	1 30	20 38	0 10	18 32	0 47	12 1	0 29	22 6
T 30	9 16	0 22	2 54	0 14	4 35	2 51	1 16	19 33	1 29	20 36	0 10	18 33	0 47	12 2	0 29	22 6
F 31	8n55	6n26	1s44	0s 1	4s36	2n21	1n14	19n40	1s28	20n34	0n11	18s34	0s47	12s 3	0n29	22n 6

Julian Day Number = 2534666.5, Delta T = 192.49 sec
 Ecliptic obliquity = 23°24'41, Nutation = - 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°55'15, Lahiri = 27°02'16

ASTRODIENST EPHEMERIS for the year 2227

geocentric

SEPTEMBER 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 1	8 ^h 0'22	5 ^h 5	18°R38	28 ^h 11	5 ^h 31	28 ^h 57	9°R37	3 ^h 2	27 ^h 49	21 ^h 0	10°D38	11 ^h 49	16 ^h 53	11°R46	S 1
S 2	22 41 57	8°58'18	19° 5	17 ^h 52	29°24	6° 4	29° 8	9 ^h 34	3° 4	27°50	21° 2	10 ^h 38	11°46	17° 0	11 ^h 45	S 2
M 3	22 45 54	9°56'16	2 ^h 38	17° 1	0 ^h 38	6°36	29°20	9°30	3° 7	27°51	21° 4	10°38	11°42	17° 7	11°44	M 3
T 4	22 49 50	10°54'16	15°48	16° 7	1°52	7° 8	29°32	9°27	3°10	27°52	21° 6	10°R38	11°39	17°13	11°43	T 4
W 5	22 53 47	11°52'18	28°37	15°11	3° 5	7°40	29°43	9°23	3°12	27°53	21° 8	10°37	11°36	17°20	11°42	W 5
T 6	22 57 43	12°50'22	11 ^h 9	14°15	4°19	8°11	29°55	9°20	3°15	27°54	21°10	10°33	11°33	17°27	11°41	T 6
F 7	23 1 40	13°48'28	23°27	13°18	5°33	8°42	0 ^h 6	9°16	3°18	27°55	21°12	10°27	11°30	17°33	11°39	F 7
S 8	23 5 36	14°46'35	5 ^h 36	12°22	6°46	9°13	0°18	9°13	3°20	27°56	21°14	10°19	11°27	17°40	11°38	S 8
S 9	23 9 33	15°44'44	17°37	11°29	8° 0	9°43	0°29	9°10	3°23	27°56	21°16	10°10	11°23	17°47	11°37	S 9
M10	23 13 30	16°42'56	29°32	10°40	9°14	10°13	0°40	9° 7	3°26	27°57	21°18	9°59	11°20	17°53	11°36	M10
T 11	23 17 26	17°41'08	11 ^h 24	9°56	10°27	10°43	0°52	9° 4	3°29	27°58	21°20	9°49	11°17	18° 0	11°34	T 11
W12	23 21 23	18°39'23	23°15	9°17	11°41	11°12	1° 3	9° 1	3°32	27°59	21°22	9°40	11°14	18° 7	11°33	W12
T 13	23 25 19	19°37'39	5 ^h 5	8°46	12°55	11°41	1°14	8°58	3°35	27°59	21°24	9°33	11°11	18°14	11°31	T 13
F 14	23 29 16	20°35'57	16°56	8°23	14° 8	12°10	1°24	8°55	3°38	28° 0	21°26	9°28	11° 8	18°20	11°30	F 14
S 15	23 33 12	21°34'17	28°52	8° 8	15°22	12°38	1°35	8°53	3°41	28° 0	21°28	9°25	11° 4	18°27	11°28	S 15
S 16	23 37 9	22°32'38	10 ^h 55	8°D 1	16°36	13° 6	1°46	8°50	3°44	28° 1	21°30	9°D25	11° 1	18°34	11°27	S 16
M17	23 41 5	23°31'01	23° 8	8° 4	17°49	13°34	1°57	8°48	3°47	28° 1	21°32	9°26	10°58	18°40	11°25	M17
T 18	23 45 2	24°29'26	5 ^h 36	8°16	19° 3	14° 1	2° 7	8°45	3°50	28° 2	21°35	9°27	10°55	18°47	11°23	T 18
W19	23 48 59	25°27'52	18°22	8°38	20°16	14°27	2°18	8°43	3°53	28° 2	21°37	9°28	10°52	18°54	11°21	W19
T 20	23 52 55	26°26'20	1 ^h 31	9° 8	21°30	14°54	2°28	8°41	3°56	28° 3	21°39	9°R28	10°48	19° 0	11°20	T 20
F 21	23 56 52	27°24'49	15° 7	9°47	22°43	15°20	2°38	8°38	4° 0	28° 3	21°41	9°27	10°45	19° 7	11°18	F 21
S 22	0 0 48	28°23'20	29°10	10°35	23°57	15°45	2°48	8°36	4° 3	28° 4	21°43	9°24	10°42	19°14	11°16	S 22
S 23	0 4 45	29°21'53	13 ^h 39	11°30	25°10	16°10	2°59	8°34	4° 6	28° 4	21°46	9°19	10°39	19°21	11°14	S 23
M24	0 8 41	0 ^h 20'27	28°32	12°33	26°24	16°35	3° 9	8°32	4° 9	28° 4	21°48	9°13	10°36	19°27	11°12	M24
T 25	0 12 38	1°19'03	13 ^h 41	13°43	27°37	16°59	3°18	8°30	4°13	28° 4	21°50	9° 8	10°33	19°34	11°10	T 25
W26	0 16 34	2°17'40	28°57	14°59	28°51	17°23	3°28	8°29	4°16	28° 5	21°52	9° 3	10°29	19°41	11° 8	W26
T 27	0 20 31	3°16'20	14 ^h 8	16°21	0 ^h 4	17°46	3°38	8°27	4°19	28° 5	21°55	8°59	10°26	19°47	11° 6	T 27
F 28	0 24 28	4°15'02	29° 6	17°47	1°18	18° 9	3°47	8°26	4°23	28° 5	21°57	8°57	10°23	19°54	11° 4	F 28
S 29	0 28 24	5°13'45	13 ^h 42	19°18	2°31	18°32	3°57	8°24	4°26	28° 5	21°59	8°D57	10°20	20° 1	11° 1	S 29
S 30	0 32 21	6 ^h 12'31	27 ^h 52	20 ^h 52	3 ^h 44	18 ^h 54	4 ^h 6	8 ^h 23	4 ^h 29	28 ^h 5	22 ^h 2	8 ^h 58	10 ^h 17	20 ^h 7	10 ^h 59	S 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
S 1	8n33	12n44	0s30	0n16	4s35	1n50	1n13	19n46	1s27	20n31	0n11	18s35	0s47	12s 4	0n29	22n 6	1s18	7n20	16n44	15n 0	15n22	9n 3	14n30	0s53			
S 2	8 12	18 12	0n45	0 37	4 32	1 20	1 12	19 53	1 26	20 29	0 11	18 36	0 47	12 4	0 29	22 6	1 18	7 19	16 43	15 0	15 21	9 0	14 30	0 53			
M 3	7 50	22 32	1 55	1 1	4 28	0 49	1 10	19 59	1 25	20 27	0 11	18 37	0 47	12 5	0 29	22 6	1 18	7 18	16 43	15 0	15 20	8 57	14 29	0 53			
T 4	7 28	25 35	2 56	1 27	4 21	0 18	1 9	20 5	1 24	20 24	0 11	18 38	0 47	12 6	0 29	22 6	1 18	7 17	16 43	15 0	15 19	8 54	14 29	0 54			
W 5	7 6	27 12	3 47	1 56	4 13	0s12	1 7	20 12	1 23	20 22	0 11	18 39	0 47	12 7	0 29	22 6	1 18	7 16	16 42	14 59	15 18	8 51	14 28	0 54			
T 6	6 44	27 22	4 26	2 27	4 3	0 43	1 5	20 18	1 22	20 20	0 11	18 40	0 47	12 8	0 29	22 6	1 18	7 15	16 42	14 58	15 17	8 48	14 28	0 54			
F 7	6 22	26 10	4 52	3 0	3 51	1 14	1 3	20 23	1 21	20 17	0 11	18 41	0 48	12 9	0 29	22 6	1 18	7 14	16 42	14 56	15 16	8 45	14 27	0 54			
S 8	5 59	23 45	5 4	3 34	3 37	1 45	1 2	20 29	1 20	20 15	0 12	18 42	0 48	12 10	0 29	22 6	1 18	7 13	16 41	14 54	15 15	8 42	14 27	0 54			
S 9	5 37	20 20	5 2	4 8	3 22	2 15	1 0	20 35	1 19	20 13	0 12	18 42	0 48	12 11	0 29	22 6	1 18	7 12	16 41	14 51	15 14	8 38	14 26	0 54			
M10	5 14	16 6	4 48	4 42	3 5	2 46	0 58	20 40	1 18	20 10	0 12	18 43	0 48	12 12	0 28	22 6	1 18	7 11	16 41	14 48	15 13	8 35	14 26	0 54			
T 11	4 52	11 17	4 21	5 15	2 47	3 17	0 56	20 46	1 17	20 8	0 12	18 44	0 48	12 13	0 28	22 6	1 18	7 10	16 40	14 44	15 12	8 32	14 25	0 55			
W12	4 29	6 5	3 42	5 47	2 29	3 47	0 54	20 51	1 16	20 6	0 12	18 45	0 48	12 14	0 28	22 6	1 18	7 9	16 40	14 42	15 11	8 29	14 25	0 55			
T 13	4 6	0 39	2 54	6 16	2 10	4 18	0 52	20 56	1 14	20 4	0 12	18 46	0 48	12 15	0 28	22 6	1 18	7 8	16 40	14 39	15 10	8 26	14 24	0 55			
F 14	3 43	4s50	1 58	6 43	1 50	4 48	0 50	21 1	1 13	20 1	0 12	18 46	0 48	12 16	0 28	22 6	1 18	7 7	16 39	14 38	15 9	8 23	14 24	0 55			
S 15	3 20	10 11	0 57	7 6	1 31	5 19	0 47	21 6	1 12	19 59	0 12	18 47	0 48	12 17	0 28	22 6	1 18	7 6	16 39	14 37	15 8	8 20	14 23	0 55			
S 16	2 57	15 13	0s 8	7 27	1 12	5 49	0 45	21 10	1 11	19 57	0 12	18 48	0 48	12 18	0 28	22 6	1 18	7 5	16 39	14 37	15 7	8 17	14 22	0 55			
M17	2 34	19 43	1 14	7 43	0 53	6 19	0 43	21 15	1 9	19 55	0 13	18 49	0 48	12 19	0 28	22 6	1 18	7 4	16 39	14 37	15 6	8 13	14 22	0 55			
T 18	2 11	23 28	2 17	7 56	0 34	6 49	0 41	21 20	1 8	19 52	0 13	18 49	0 48	12 20	0 28	22 6	1 18	7 3	16 38	14 37	15 5	8 10	14 21	0 55			
W19	1 48	26 9	3 15	8 4	0 17	7 19	0 38	21 24	1 7	19 50	0 13	18 50	0 48	12 21	0 28	22 6	1 18	7 2	16 38	14 38	15 4	8 7	14 20	0 56			
T 20	1 25	27 29	4 5	8 8	0 0	7 49	0 36	21 28	1 6	19 48	0 13	18 50	0 48	12 22	0 28	22 6	1 18	7 1	16 38	14 38	15 3	8 4	14 20	0 56			
F 21	1 2	27 14	4 43	8 8	0n16	8 19	0 33	21 33	1 4	19 46	0 13	18 51	0 48	12 24	0 28	22 6	1 18	7 0	16 38	14 37	15 2	8 1	14 19	0 56			
S 22	0 38	25 17	5 5	8 3	0 30	8 48	0 31	21 37	1 3	19 43	0 13	18 52	0 48	12 25	0 28	22 6	1 18	6 59	16 38	14 36	15 1	7 58	14 18	0 56			
S 23	0 15	21 38	5 9	7 55	0 44	9 18	0 28	21 41	1 1	19 41	0 13	18 52	0 48	12 26	0 28	22 6	1 18	6 58	16 37	14 35	15 0	7 55	14 18	0 56			
M24	0s 8	16 32	4 53	7 42	0 56	9 47	0 26	21 45	1 0	19 39	0 14	18 53	0 48	12 27	0 28	22 6	1 18	6 57	16 37	14 33	14 59	7 52	14 17	0 56			
T 25	0 31	10 21	4 16	7 25	1 7	10 15	0 23	21 48	0 58	19 37	0 14	18 53	0 48	12 28	0 28	22 6	1 18	6 56	16 37	14 31	14 58	7 48	14 16	0 56			
W26	0 55	3 29	3 21	7 5	1 17	10 44	0 20	21 52	0 57	19 35	0 14	18 54	0 48	12 29	0 28	22 5	1 18	6 55	16 37	14 30	14 57	7 45	14 15	0 56			
T 27	1 18	3n33	2 11	6 41	1 25	11 12	0 18	21 56	0 55	19 33	0 14	18 54	0 48	12 30	0 28	22 5	1 18	6 54	16 37	14 29	14 56	7 42	14 15	0 56			
F 28	1 41	10 18	0 54	6 14	1 32	11 41	0 15	21 59	0 54	19 31	0 14	18 54	0 48	12 31	0 28	22 5	1 18	6 53	16 36	14 28	14 55	7 39	14 14	0 57			
S 29	2 5	16 21	0n26	5 44	1 38	12 8	0 12	22 3	0 52	19 29	0 14	18 55	0 48	12 33	0 28	22 5	1 19	6 52	16 36	14 28	14 54	7 36	14 13	0 57			
S 30	2s28	21n19	1n42	5n12	1n43	12s36	0n 9	22n 6	0s51	19n26	0n14	18s55	0s48	12s34	0n28	22n 5	1s19	6n52	16n36	14n28	14n53	7n33	14n12	0s57			

ASTRODIENST EPHEMERIS for the year 2227

geocentric

OCTOBER 2227

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 36 17	7♂11'19	11♂35	22♂30	4♂58	19♂15	4♂15	8°R21	4♂33	28♂5	22♂4	8♂59	10♂14	20♂14	10°R57	M 1
T 2	0 40 14	8°10'10	24°51	24°10	6°11	19°36	4°24	8°20	4°36	28°R 5	22° 6	9° 1	10°10	20°21	10°R55	T 2
W 3	0 44 10	9° 9'03	7♂43	25°52	7°24	19°56	4°33	8°19	4°40	28° 5	22° 8	9°R 2	10° 7	20°27	10°52	W 3
T 4	0 48 7	10° 7'58	20°15	27°36	8°38	20°16	4°42	8°18	4°43	28° 5	22°11	9° 1	10° 4	20°34	10°50	T 4
F 5	0 52 3	11° 6'55	2♂31	29°22	9°51	20°35	4°51	8°17	4°47	28° 5	22°13	8°59	10° 1	20°41	10°48	F 5
S 6	0 56 0	12° 5'55	14°36	1♂ 8	11° 4	20°54	5° 0	8°16	4°50	28° 5	22°16	8°56	9°58	20°47	10°45	S 6
S 7	0 59 57	13° 4'56	26°32	2°55	12°18	21°12	5° 8	8°16	4°54	28° 5	22°18	8°52	9°54	20°54	10°43	S 7
M 8	1 3 53	14° 4'00	8♂23	4°42	13°31	21°29	5°17	8°15	4°58	28° 5	22°20	8°48	9°51	21° 1	10°40	M 8
T 9	1 7 50	15° 3'06	20°13	6°29	14°44	21°46	5°25	8°15	5° 1	28° 4	22°23	8°44	9°48	21° 8	10°38	T 9
W10	1 11 46	16° 2'14	2♂ 4	8°17	15°58	22° 3	5°33	8°14	5° 5	28° 4	22°25	8°40	9°45	21°14	10°35	W10
T 11	1 15 43	17° 1'25	13°58	10° 4	17°11	22°18	5°41	8°14	5° 8	28° 4	22°27	8°37	9°42	21°21	10°32	T 11
F 12	1 19 39	18° 0'37	25°56	11°51	18°24	22°33	5°49	8°14	5°12	28° 3	22°30	8°36	9°39	21°28	10°30	F 12
S 13	1 23 36	18°59'51	8♂ 1	13°37	19°37	22°48	5°56	8°D14	5°16	28° 3	22°32	8°D35	9°35	21°34	10°27	S 13
S 14	1 27 32	19°59'07	20°15	15°24	20°50	23° 1	6° 4	8°14	5°19	28° 3	22°34	8°36	9°32	21°41	10°25	S 14
M15	1 31 29	20°58'26	2♂40	17° 9	22° 4	23°14	6°11	8°14	5°23	28° 2	22°37	8°37	9°29	21°48	10°22	M15
T 16	1 35 25	21°57'46	15°17	18°54	23°17	23°26	6°19	8°14	5°27	28° 2	22°39	8°38	9°26	21°54	10°19	T 16
W17	1 39 22	22°57'08	28°10	20°38	24°30	23°38	6°26	8°14	5°30	28° 1	22°42	8°39	9°23	22° 1	10°16	W17
T 18	1 43 19	23°56'32	11♂31	22°22	25°43	23°49	6°33	8°15	5°34	28° 1	22°44	8°40	9°20	22° 8	10°14	T 18
F 19	1 47 15	24°55'57	24°53	24° 5	26°56	23°59	6°40	8°15	5°38	28° 0	22°46	8°R41	9°16	22°14	10°11	F 19
S 20	1 51 12	25°55'24	8°45	25°48	28° 9	24° 9	6°47	8°16	5°42	28° 0	22°49	8°40	9°13	22°21	10° 8	S 20
S 21	1 55 8	26°54'53	23° 0	27°29	29°22	24°17	6°53	8°17	5°45	27°59	22°51	8°39	9°10	22°28	10° 5	S 21
M22	1 59 5	27°54'24	7♂33	29°11	0♂35	24°25	6°59	8°17	5°49	27°58	22°54	8°38	9° 7	22°34	10° 2	M22
T 23	2 3 1	28°53'56	22°22	0♂51	1°48	24°32	7° 6	8°18	5°53	27°58	22°56	8°37	9° 4	22°41	10° 0	T 23
W24	2 6 58	29°53'30	7°Y19	2°31	3° 1	24°39	7°12	8°19	5°56	27°57	22°58	8°36	9° 0	22°48	9°57	W24
T 25	2 10 54	0♂53'06	22°17	4°10	4°14	24°44	7°18	8°20	6° 0	27°56	23° 1	8°35	8°57	22°55	9°54	T 25
F 26	2 14 51	1°52'43	7♂ 7	5°48	5°27	24°49	7°24	8°22	6° 4	27°56	23° 3	8°D35	8°54	23° 1	9°51	F 26
S 27	2 18 48	2°52'23	21°42	7°26	6°40	24°53	7°29	8°23	6° 8	27°55	23° 5	8°35	8°51	23° 8	9°48	S 27
S 28	2 22 44	3°52'05	5♂56	9° 4	7°53	24°56	7°35	8°24	6°12	27°54	23° 8	8°36	8°48	23°15	9°45	S 28
M29	2 26 41	4°51'50	19°45	10°40	9° 6	24°58	7°40	8°26	6°15	27°53	23°10	8°36	8°45	23°21	9°42	M29
T 30	2 30 37	5°51'36	3♂ 8	12°17	10°19	25° 0	7°45	8°28	6°19	27°52	23°12	8°36	8°41	23°28	9°39	T 30
W31	2 34 34	6♂51'25	16♂ 7	13♂52	11♂32	25°R 0	7♂50	8°29	6♂23	27°51	23°15	8♂37	8♂38	23♂35	9♂36	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	2s51	24n56	2n49	4n37	1n47	13s 3	0n 7	22n10	0s49	19n24	0n14	18s56	0s48	12s35	0n28	22n 5
T 2	3 14	27 4	3 45	4 0	1 50	13 30	0 4	22 13	0 47	19 22	0 15	18 56	0 48	12 36	0 28	22 5
W 3	3 37	27 39	4 28	3 21	1 52	13 57	0 1	22 16	0 46	19 20	0 15	18 56	0 48	12 37	0 28	22 5
T 4	4 0	26 47	4 57	2 41	1 53	14 24	0s 2	22 20	0 44	19 18	0 15	18 56	0 48	12 38	0 28	22 5
F 5	4 24	24 37	5 11	1 59	1 53	14 50	0 5	22 23	0 42	19 16	0 15	18 57	0 48	12 40	0 28	22 5
S 6	4 47	21 24	5 12	1 17	1 53	15 15	0 8	22 26	0 40	19 14	0 15	18 57	0 48	12 41	0 28	22 5
S 7	5 10	17 20	4 59	0 33	1 52	15 41	0 11	22 29	0 38	19 13	0 15	18 57	0 48	12 42	0 28	22 5
M 8	5 33	12 38	4 33	0s11	1 50	16 6	0 14	22 32	0 36	19 11	0 15	18 57	0 48	12 43	0 28	22 5
T 9	5 55	7 29	3 55	0 56	1 47	16 30	0 17	22 35	0 35	19 9	0 16	18 57	0 48	12 45	0 28	22 5
W10	6 18	2 3	3 8	1 41	1 44	16 54	0 20	22 38	0 33	19 7	0 16	18 57	0 48	12 46	0 28	22 5
T 11	6 41	3s29	2 12	2 26	1 41	17 18	0 22	22 41	0 31	19 5	0 16	18 58	0 48	12 47	0 28	22 5
F 12	7 3	8 56	1 9	3 12	1 37	17 42	0 25	22 44	0 29	19 3	0 16	18 58	0 48	12 48	0 28	22 5
S 13	7 26	14 7	0 3	3 57	1 32	18 5	0 28	22 46	0 27	19 2	0 16	18 58	0 48	12 49	0 28	22 5
S 14	7 48	18 49	1s 4	4 42	1 28	18 27	0 31	22 49	0 25	19 0	0 16	18 58	0 48	12 51	0 28	22 5
M15	8 11	22 47	2 9	5 27	1 23	18 49	0 34	22 52	0 22	18 58	0 17	18 58	0 48	12 52	0 28	22 5
T 16	8 33	25 44	3 9	6 12	1 17	19 11	0 37	22 55	0 20	18 57	0 17	18 58	0 48	12 53	0 28	22 5
W17	8 55	27 35	4 1	6 57	1 12	19 32	0 40	22 57	0 18	18 55	0 17	18 57	0 48	12 54	0 28	22 5
T 18	9 17	27 36	4 41	7 41	1 6	19 52	0 43	23 0	0 16	18 53	0 17	18 57	0 48	12 56	0 28	22 5
F 19	9 39	26 10	5 8	8 24	1 0	20 12	0 46	23 3	0 14	18 52	0 17	18 57	0 48	12 57	0 28	22 5
S 20	10 0	23 8	5 17	9 7	0 54	20 32	0 49	23 6	0 11	18 50	0 17	18 57	0 48	12 58	0 28	22 5
S 21	10 22	18 40	5 7	9 50	0 48	20 51	0 52	23 8	0 9	18 49	0 17	18 57	0 48	12 59	0 28	22 4
M22	10 43	13 1	4 37	10 32	0 41	21 9	0 55	23 11	0 7	18 47	0 18	18 57	0 48	13 1	0 28	22 4
T 23	11 4	6 32	3 49	11 13	0 35	21 27	0 58	23 14	0 4	18 46	0 18	18 56	0 48	13 2	0 28	22 4
W24	11 25	0n22	2 45	11 54	0 28	21 44	1 1	23 16	0 2	18 44	0 18	18 56	0 48	13 3	0 28	22 4
T 25	11 46	7 17	1 29	12 34	0 21	22 1	1 4	23 19	0n 1	18 43	0 18	18 56	0 48	13 4	0 28	22 4
F 26	12 7	13 45	0 8	13 13	0 15	22 17	1 7	23 22	0 3	18 42	0 18	18 56	0 48	13 6	0 28	22 4
S 27	12 27	19 20	1n12	13 51	0 8	22 32	1 10	23 25	0 6	18 40	0 18	18 55	0 48	13 7	0 28	22 4
S 28	12 48	23 40	2 26	14 29	0 1	22 47	1 12	23 27	0 8	18 39	0 19	18 55	0 48	13 8	0 28	22 4
M29	13 8	26 30	3 29	15 6	0s 6	23 2	1 15	23 30	0 11	18 38	0 19	18 54	0 48	13 9	0 28	22 4
T 30	13 28	27 41	4 19	15 42	0 13	23 15	1 18	23 33	0 14	18 37	0 19	18 54	0 48	13 11	0 28	22 4
W31	13s47	27n18	4n53	16s17	0s19	23s28	1s21	23n36	0n16	18n36	0n19	18s54	0s48	13s12	0n28	22n 4

Julian Day Number = 2534727.5, Delta T = 192.69 sec
 Ecliptic obliquity = 23°24'42, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°55'23, Lahiri = 27°02'24

ASTRODIENST EPHEMERIS for the year 2227

geocentric

NOVEMBER 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 38 30	7♈51°16	28♌43	15♊27	12♋44	25°R 0	7♏55	8♏31	6♈27	27°R50	23♈17	8♏37	8♏35	23♈41	9°R34	T 1
F 2	2 42 27	8°51'09	11♌1	17°2	13°57	24♊59	8°0	8°33	6°30	27♊49	23°19	8°37	8°32	23°48	9♌31	F 2
S 3	2 46 23	9°51'04	23°6	18°36	15°10	24°57	8°4	8°35	6°34	27°48	23°22	8°37	8°29	23°55	9°28	S 3
S 4	2 50 20	10°51'01	5♈1	20°10	16°23	24°54	8°8	8°37	6°38	27°47	23°24	8°37	8°25	24°1	9°25	S 4
M 5	2 54 17	11°51'00	16°51	21°43	17°35	24°50	8°13	8°39	6°42	27°46	23°26	8°37	8°22	24°8	9°22	M 5
T 6	2 58 13	12°51'02	28°41	23°16	18°48	24°45	8°16	8°42	6°45	27°45	23°29	8°38	8°19	24°15	9°19	T 6
W 7	3 2 10	13°51'05	10♈34	24°48	20°1	24°39	8°20	8°44	6°49	27°44	23°31	8°38	8°16	24°21	9°16	W 7
T 8	3 6 6	14°51'11	22°33	26°20	21°13	24°33	8°24	8°46	6°53	27°43	23°33	8°39	8°13	24°28	9°13	T 8
F 9	3 10 3	15°51'18	4♈41	27°51	22°26	24°25	8°27	8°49	6°57	27°42	23°35	8°R39	8°10	24°35	9°10	F 9
S 10	3 13 59	16°51'28	17°0	29°22	23°38	24°17	8°30	8°52	7°0	27°41	23°38	8°39	8°6	24°41	9°7	S 10
S 11	3 17 56	17°51'39	29°30	0♋53	24°51	24°8	8°33	8°54	7°4	27°39	23°40	8°38	8°3	24°48	9°4	S 11
M12	3 21 52	18°51'52	12♈14	2°23	26°3	23°58	8°36	8°57	7°8	27°38	23°42	8°37	8°0	24°55	9°2	M12
T 13	3 25 49	19°52'06	25°11	3°53	27°16	23°47	8°39	9°0	7°12	27°37	23°44	8°36	7°57	25°2	8°59	T 13
W14	3 29 46	20°52'23	8♌21	5°22	28°28	23°35	8°41	9°3	7°15	27°36	23°47	8°34	7°54	25°8	8°56	W14
T 15	3 33 42	21°52'41	21°45	6°51	29°41	23°22	8°44	9°6	7°19	27°34	23°49	8°32	7°51	25°15	8°53	T 15
F 16	3 37 39	22°53'00	5♈23	8°20	0♋53	23°9	8°46	9°10	7°23	27°33	23°51	8°31	7°47	25°22	8°50	F 16
S 17	3 41 35	23°53'20	19°14	9°48	2°5	22°55	8°48	9°13	7°26	27°32	23°53	8°D31	7°44	25°28	8°47	S 17
S 18	3 45 32	24°53'42	3♈18	11°15	3°17	22°40	8°49	9°16	7°30	27°30	23°55	8°31	7°41	25°35	8°45	S 18
M19	3 49 28	25°54'05	17°33	12°42	4°30	22°24	8°51	9°20	7°34	27°29	23°57	8°31	7°38	25°42	8°42	M19
T 20	3 53 25	26°54'30	1°V57	14°9	5°42	22°7	8°52	9°24	7°37	27°28	23°59	8°33	7°35	25°48	8°39	T 20
W21	3 57 21	27°54'56	16°27	15°35	6°54	21°50	8°53	9°27	7°41	27°26	24°1	8°34	7°31	25°55	8°36	W21
T 22	4 1 18	28°55'23	0♋59	17°0	8°6	21°32	8°54	9°31	7°44	27°25	24°4	8°35	7°28	26°2	8°34	T 22
F 23	4 5 15	29°55'52	15°27	18°24	9°18	21°14	8°55	9°35	7°48	27°23	24°6	8°R35	7°25	26°8	8°31	F 23
S 24	4 9 11	0♋56'22	29°45	19°48	10°30	20°55	8°56	9°39	7°52	27°22	24°8	8°34	7°22	26°15	8°28	S 24
S 25	4 13 8	1°56'54	13♊49	21°10	11°42	20°35	8°56	9°43	7°55	27°20	24°10	8°31	7°19	26°22	8°26	S 25
M26	4 17 4	2°57'27	27°34	22°32	12°53	20°15	8°R56	9°47	7°59	27°19	24°12	8°28	7°16	26°28	8°23	M26
T 27	4 21 1	3°58'02	10♌57	23°52	14°5	19°54	8°56	9°51	8°2	27°17	24°14	8°24	7°12	26°35	8°21	T 27
W28	4 24 57	4°58'38	23°59	25°11	15°17	19°33	8°56	9°55	8°6	27°16	24°15	8°20	7°9	26°42	8°18	W28
T 29	4 28 54	5°59'16	6♊39	26°29	16°29	19°12	8°55	9°59	8°9	27°14	24°17	8°16	7°6	26°48	8°16	T 29
F 30	4 32 51	6♋59'56	19♊0	27♋44	17♋40	18♊50	8♊55	10♋4	8♈13	27♊13	24♊19	8♏13	7♏3	26♈55	8♌13	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s 7	25n30	5n13	16s52	0s26	23s40	1s23	23n38	0n19	18n35	0n19	18s53	0s48	13s13	0n28	22n 4	1s20
F 2	14 26	22 31	5 17	17 26	0 33	23 52	1 26	23 41	0 22	18 34	0 19	18 53	0 48	13 14	0 28	22 4	1 20
S 3	14 45	18 38	5 7	17 58	0 39	24 3	1 28	23 44	0 25	18 33	0 20	18 52	0 48	13 16	0 28	22 4	1 20
S 4	15 4	14 4	4 45	18 30	0 46	24 13	1 31	23 46	0 28	18 32	0 20	18 51	0 48	13 17	0 28	22 4	1 20
M 5	15 22	9 1	4 10	19 1	0 53	24 23	1 34	23 49	0 31	18 31	0 20	18 51	0 48	13 18	0 28	22 4	1 20
T 6	15 41	3 39	3 24	19 31	0 59	24 32	1 36	23 52	0 33	18 30	0 20	18 50	0 48	13 19	0 28	22 4	1 20
W 7	15 59	1s53	2 30	20 0	1 5	24 40	1 38	23 55	0 36	18 29	0 20	18 50	0 48	13 20	0 28	22 4	1 20
T 8	16 16	7 24	1 28	20 28	1 11	24 48	1 41	23 57	0 39	18 28	0 20	18 49	0 48	13 22	0 28	22 4	1 20
F 9	16 34	12 43	0 22	20 55	1 17	24 55	1 43	24 0	0 42	18 28	0 21	18 48	0 48	13 23	0 28	22 4	1 20
S 10	16 51	17 38	0s46	21 21	1 23	25 1	1 45	24 3	0 45	18 27	0 21	18 48	0 48	13 24	0 28	22 4	1 20
S 11	17 8	21 52	1 53	21 46	1 29	25 6	1 48	24 5	0 48	18 26	0 21	18 47	0 48	13 25	0 28	22 4	1 20
M12	17 25	25 8	2 56	22 10	1 35	25 11	1 50	24 8	0 52	18 26	0 21	18 46	0 48	13 27	0 28	22 4	1 20
T 13	17 41	27 9	3 50	22 33	1 40	25 15	1 52	24 10	0 55	18 25	0 21	18 45	0 48	13 28	0 28	22 3	1 20
W14	17 57	27 42	4 33	22 54	1 46	25 18	1 54	24 13	0 58	18 25	0 22	18 44	0 48	13 29	0 28	22 3	1 20
T 15	18 13	26 38	5 3	23 15	1 51	25 21	1 56	24 15	1 1	18 24	0 22	18 44	0 48	13 30	0 28	22 3	1 20
F 16	18 28	24 0	5 16	23 34	1 55	25 22	1 58	24 18	1 4	18 24	0 22	18 43	0 48	13 31	0 28	22 3	1 20
S 17	18 43	19 57	5 11	23 52	2 0	25 23	2 0	24 20	1 7	18 24	0 22	18 42	0 48	13 33	0 28	22 3	1 20
S 18	18 58	14 45	4 47	24 9	2 4	25 24	2 1	24 23	1 10	18 23	0 22	18 41	0 48	13 34	0 28	22 3	1 20
M19	19 13	8 41	4 6	24 25	2 9	25 23	2 3	24 25	1 13	18 23	0 22	18 40	0 48	13 35	0 28	22 3	1 20
T 20	19 27	2 7	3 9	24 40	2 12	25 22	2 5	24 27	1 16	18 23	0 23	18 39	0 48	13 36	0 28	22 3	1 20
W21	19 40	4n38	1 59	24 53	2 16	25 20	2 6	24 29	1 20	18 23	0 23	18 38	0 48	13 37	0 28	22 3	1 20
T 22	19 54	11 9	0 42	25 5	2 19	25 17	2 8	24 31	1 23	18 23	0 23	18 37	0 48	13 38	0 28	22 3	1 20
F 23	20 7	17 3	0n38	25 16	2 22	25 14	2 9	24 33	1 26	18 23	0 23	18 36	0 48	13 40	0 28	22 3	1 20
S 24	20 19	21 56	1 54	25 25	2 24	25 10	2 10	24 35	1 29	18 23	0 23	18 35	0 48	13 41	0 28	22 3	1 20
S 25	20 32	25 26	3 2	25 33	2 26	25 5	2 12	24 36	1 32	18 23	0 24	18 34	0 48	13 42	0 28	22 3	1 20
M26	20 44	27 21	3 58	25 40	2 28	24 59	2 13	24 38	1 35	18 23	0 24	18 33	0 48	13 43	0 28	22 3	1 20
T 27	20 55	27 35	4 39	25 45	2 29	24 53	2 14	24 39	1 38	18 23	0 24	18 32	0 48	13 44	0 28	22 3	1 20
W28	21 6	26 16	5 4	25 49	2 30	24 46	2 15	24 41	1 41	18 24	0 24	18 31	0 48	13 45	0 28	22 3	1 20
T 29	21 17	23 38	5 13	25 52	2 30	24 38	2 16	24 42	1 44	18 24	0 24	18 29	0 48	13 46	0 28	22 3	1 20
F 30	21s27	19n59	5n 8	25s53	2s30	24s30	2s16	24n43	1n47	18n24	0n25	18s28	0s48	13s48	0n28	22n 3	1s20

Julian Day Number = 2534758.5, Delta T = 192.79 sec
 Ecliptic obliquity = 23°24'42, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°55'28, Lahiri = 27°02'28

ASTRODIENST EPHEMERIS for the year 2227

geocentric

DECEMBER 2227

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 36 47	8° 0'37	1° 6	28° 58	18° 52	18° R28	8° R54	10° 8	8° 16	27° R11	24° 21	8° R12	7° 0	27° 2	8° R11	S 1
S 2	4 40 44	9° 1'20	13° 2	0° 10	20° 3	18° II 5	8° 53	10° 13	8° 19	27° II 10	24° 23	8° D12	6° 57	27° 8	8° 8	S 2
M 3	4 44 40	10° 2'04	24° 52	1° 19	21° 15	17° 42	8° 51	10° 18	8° 23	27° 8	24° 25	8° 13	6° 53	27° 15	8° 6	M 3
T 4	4 48 37	11° 2'50	6° 42	2° 25	22° 26	17° 20	8° 50	10° 22	8° 26	27° 6	24° 27	8° 14	6° 50	27° 22	8° 3	T 4
W 5	4 52 33	12° 3'38	18° 36	3° 27	23° 37	16° 57	8° 48	10° 27	8° 29	27° 5	24° 28	8° 16	6° 47	27° 28	8° 1	W 5
T 6	4 56 30	13° 4'26	0° 40	4° 26	24° 48	16° 34	8° 46	10° 32	8° 33	27° 3	24° 30	8° 18	6° 44	27° 35	7° 59	T 6
F 7	5 0 26	14° 5'16	12° 56	5° 20	25° 59	16° 10	8° 44	10° 37	8° 36	27° 1	24° 32	8° R18	6° 41	27° 42	7° 57	F 7
S 8	5 4 23	15° 6'08	25° 27	6° 9	27° 10	15° 47	8° 42	10° 42	8° 39	27° 0	24° 34	8° 16	6° 37	27° 49	7° 54	S 8
S 9	5 8 20	16° 7'01	8° 15	6° 52	28° 21	15° 25	8° 40	10° 47	8° 42	26° 58	24° 35	8° 13	6° 34	27° 55	7° 52	S 9
M10	5 12 16	17° 7'55	21° 21	7° 29	29° 32	15° 2	8° 37	10° 52	8° 46	26° 56	24° 37	8° 8	6° 31	28° 2	7° 50	M10
T 11	5 16 13	18° 8'50	4° 44	7° 59	0° 43	14° 39	8° 34	10° 57	8° 49	26° 55	24° 39	8° 1	6° 28	28° 9	7° 48	T 11
W12	5 20 9	19° 9'46	18° 20	8° 20	1° 54	14° 17	8° 31	11° 2	8° 52	26° 53	24° 40	7° 54	6° 25	28° 15	7° 46	W12
T 13	5 24 6	20° 10'42	2° 9	8° 33	3° 4	13° 55	8° 28	11° 8	8° 55	26° 51	24° 42	7° 47	6° 22	28° 22	7° 44	T 13
F 14	5 28 2	21° 11'40	16° 6	8° R35	4° 15	13° 33	8° 25	11° 13	8° 58	26° 50	24° 43	7° 41	6° 18	28° 29	7° 42	F 14
S 15	5 31 59	22° 12'38	0° 9	8° 27	5° 25	13° 12	8° 21	11° 19	9° 1	26° 48	24° 45	7° 37	6° 15	28° 35	7° 40	S 15
S 16	5 35 55	23° 13'37	14° 15	8° 8	6° 36	12° 51	8° 17	11° 24	9° 4	26° 46	24° 46	7° 35	6° 12	28° 42	7° 38	S 16
M17	5 39 52	24° 14'36	28° 22	7° 37	7° 46	12° 31	8° 13	11° 30	9° 7	26° 45	24° 48	7° D34	6° 9	28° 49	7° 37	M17
T 18	5 43 49	25° 15'35	12° V30	6° 55	8° 56	12° 11	8° 9	11° 35	9° 10	26° 43	24° 49	7° 35	6° 6	28° 55	7° 35	T 18
W19	5 47 45	26° 16'35	26° 36	6° 2	10° 6	11° 52	8° 5	11° 41	9° 13	26° 41	24° 51	7° 36	6° 3	29° 2	7° 33	W19
T 20	5 51 42	27° 17'36	10° 40	4° 59	11° 16	11° 33	8° 0	11° 47	9° 16	26° 40	24° 52	7° R37	5° 59	29° 9	7° 32	T 20
F 21	5 55 38	28° 18'37	24° 39	3° 47	12° 25	11° 15	7° 56	11° 53	9° 18	26° 38	24° 53	7° 35	5° 56	29° 15	7° 30	F 21
S 22	5 59 35	29° 19'39	8° II 30	2° 29	13° 35	10° 57	7° 51	11° 59	9° 21	26° 36	24° 55	7° 32	5° 53	29° 22	7° 28	S 22
S 23	6 3 31	0° 20'41	22° 12	1° 7	14° 44	10° 41	7° 46	12° 4	9° 24	26° 34	24° 56	7° 25	5° 50	29° 29	7° 27	S 23
M24	6 7 28	1° 21'44	5° 41	29° 44	15° 53	10° 24	7° 41	12° 10	9° 27	26° 33	24° 57	7° 17	5° 47	29° 35	7° 25	M24
T 25	6 11 24	2° 22'48	18° 53	28° 23	17° 3	10° 9	7° 36	12° 16	9° 29	26° 31	24° 58	7° 7	5° 43	29° 42	7° 24	T 25
W26	6 15 21	3° 23'52	1° 49	27° 6	18° 11	9° 54	7° 30	12° 23	9° 32	26° 29	25° 0	6° 56	5° 40	29° 49	7° 23	W26
T 27	6 19 18	4° 24'56	14° 26	25° 56	19° 20	9° 41	7° 24	12° 29	9° 34	26° 28	25° 1	6° 46	5° 37	29° 55	7° 21	T 27
F 28	6 23 14	5° 26'01	26° 47	24° 54	20° 29	9° 27	7° 19	12° 35	9° 37	26° 26	25° 2	6° 38	5° 34	0° 2	7° 20	F 28
S 29	6 27 11	6° 27'07	8° II 53	24° 2	21° 37	9° 15	7° 13	12° 41	9° 39	26° 24	25° 3	6° 31	5° 31	0° 9	7° 19	S 29
S 30	6 31 7	7° 28'14	20° 49	23° 20	22° 46	9° 4	7° 7	12° 47	9° 42	26° 23	25° 4	6° 28	5° 28	0° 15	7° 18	S 30
M31	6 35 4	8° 29'21	2° 39	22° 49	23° 54	8° II 53	7° 0	12° 55	9° 44	26° II 21	25° 5	6° 26	5° 24	0° 22	7° 17	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21s37	15n34	4n49	25s53	2s29	24s21	2s17	24n44	1n50	18n25	0n25	18s27	0s48	13s49	0n28	22n 3	1s20
S 2	21 47	10 37	4 18	25 52	2 27	24 11	2 18	24 45	1 52	18 25	0 25	18 26	0 48	13 50	0 28	22 3	1 20
M 3	21 56	5 20	3 35	25 49	2 24	24 1	2 18	24 45	1 55	18 26	0 25	18 25	0 48	13 51	0 28	22 3	1 20
T 4	22 4	0s 9	2 44	25 44	2 21	23 50	2 19	24 46	1 58	18 26	0 25	18 23	0 48	13 52	0 28	22 3	1 20
W 5	22 13	5 39	1 46	25 39	2 17	23 38	2 19	24 46	2 1	18 27	0 25	18 22	0 48	13 53	0 28	22 3	1 20
T 6	22 20	11 2	0 42	25 32	2 12	23 25	2 19	24 46	2 3	18 27	0 26	18 21	0 48	13 54	0 28	22 3	1 20
F 7	22 28	16 6	0s25	25 24	2 6	23 12	2 19	24 47	2 6	18 28	0 26	18 19	0 48	13 55	0 28	22 2	1 20
S 8	22 35	20 36	1 32	25 15	1 59	22 58	2 19	24 47	2 8	18 29	0 26	18 18	0 48	13 56	0 28	22 2	1 20
S 9	22 41	24 13	2 36	25 5	1 51	22 44	2 19	24 46	2 10	18 30	0 26	18 17	0 48	13 57	0 28	22 2	1 20
M10	22 47	26 40	3 32	24 53	1 42	22 29	2 19	24 46	2 13	18 31	0 26	18 15	0 48	13 58	0 28	22 2	1 20
T 11	22 53	27 38	4 19	24 41	1 31	22 14	2 18	24 46	2 15	18 32	0 27	18 14	0 48	13 59	0 28	22 2	1 20
W12	22 58	26 58	4 51	24 28	1 19	21 57	2 18	24 45	2 17	18 33	0 27	18 12	0 48	14 0	0 28	22 2	1 20
T 13	23 3	24 39	5 7	24 14	1 6	21 41	2 17	24 45	2 19	18 34	0 27	18 11	0 48	14 1	0 28	22 2	1 20
F 14	23 7	20 51	5 6	23 59	0 51	21 23	2 17	24 44	2 21	18 35	0 27	18 10	0 48	14 2	0 28	22 2	1 20
S 15	23 11	15 51	4 45	23 44	0 35	21 5	2 16	24 43	2 23	18 36	0 27	18 8	0 48	14 3	0 28	22 2	1 20
S 16	23 14	10 0	4 8	23 27	0 18	20 47	2 15	24 42	2 25	18 37	0 28	18 7	0 48	14 4	0 28	22 2	1 20
M17	23 17	3 38	3 16	23 11	0n 1	20 28	2 14	24 41	2 27	18 38	0 28	18 5	0 48	14 5	0 28	22 2	1 20
T 18	23 20	2n55	2 11	22 54	0 20	20 9	2 13	24 40	2 28	18 39	0 28	18 3	0 48	14 6	0 28	22 2	1 20
W19	23 22	9 20	0 59	22 37	0 40	19 49	2 12	24 39	2 30	18 41	0 28	18 2	0 48	14 7	0 28	22 2	1 20
T 20	23 23	15 16	0n16	22 19	1 0	19 28	2 10	24 38	2 31	18 42	0 28	18 0	0 48	14 7	0 28	22 2	1 20
F 21	23 24	20 22	1 30	22 2	1 20	19 7	2 9	24 37	2 33	18 43	0 29	17 59	0 48	14 8	0 28	22 2	1 20
S 22	23 25	24 18	2 38	21 44	1 39	18 46	2 7	24 36	2 34	18 45	0 29	17 57	0 48	14 9	0 28	22 2	1 20
S 23	23 25	26 46	3 36	21 27	1 57	18 24	2 6	24 35	2 35	18 46	0 29	17 55	0 48	14 10	0 28	22 2	1 20
M24	23 24	27 37	4 20	21 11	2 13	18 1	2 4	24 34	2 36	18 48	0 29	17 54	0 48	14 11	0 28	22 2	1 20
T 25	23 23	26 52	4 50	20 56	2 28	17 39	2 2	24 33	2 38	18 49	0 29	17 52	0 48	14 12	0 28	22 2	1 20
W26	23 22	24 40	5 4	20 43	2 40	17 15	2 0	24 31	2 39	18 51	0 29	17 50	0 48	14 13	0 28	22 2	1 20
T 27	23 20	21 18	5 2	20 32	2 49	16 52	1 57	24 30	2 40	18 53	0 30	17 49	0 48	14 13	0 28	22 2	1 20
F 28	23 18	17 3	4 46	20 22	2 57	16 28	1 55	24 29	2 40	18 54	0 30	17 47	0 48	14 14	0 28	22 2	1 20
S 29	23 15	12 13	4 18	20 15	3 1	16 3	1 53	24 28	2 41	18 56	0 30	17 45	0 48	14 15	0 28	22 2	1 20
S 30	23 12	6 59	3 39	20 11	3 4	15 39	1 50	24 27	2 42	18 58	0 30	17 43	0 48	14 16	0 28	22 2	1 20
M31	23s 8	1n33	2n50	20s 9	3n 5	15s14	1s47	24n26	2n43	18n59	0n30	17s42	0s48	14s16	0n28	22n 2	1s20

Julian Day Number = 2534788.5, Delta T = 192.88 sec
 Ecliptic obliquity = 23°24'42, Nutation = - 0°00'11, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°55'32, Lahiri = 27°02'32