



Astrodienst Ephemeris Tables for the year 2237

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 2237

geocentric

JANUARY 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 16	10°20'52	17°11	3°37	6°3	1°12	19°47	4°R 6	18°45	16°R59	18°M 0	12°R25	11°M15	6°46	26°R58	S 1
M 2	6 46 12	11°22'01	1°21	5°10	7°18	1°59	19°50	4°II 3	18°49	16°57	18° 2	12°M17	11°12	6°53	26°II54	M 2
T 3	6 50 9	12°23'10	15°34	6°45	8°34	2°45	19°54	4° 0	18°52	16°55	18° 4	12°11	11° 9	7° 0	26°51	T 3
W 4	6 54 5	13°24'18	29°45	8°19	9°49	3°31	19°58	3°56	18°55	16°53	18° 5	12° 8	11° 5	7° 6	26°47	W 4
T 5	6 58 2	14°25'26	13°52	9°54	11° 5	4°18	20° 3	3°53	18°59	16°52	18° 7	12°D 8	11° 2	7°13	26°44	T 5
F 6	7 1 59	15°26'35	27°56	11°29	12°20	5° 4	20° 7	3°50	19° 2	16°50	18° 8	12° 8	10°59	7°20	26°40	F 6
S 7	7 5 55	16°27'43	11°54	13° 5	13°36	5°51	20°12	3°47	19° 6	16°48	18°10	12°R 8	10°56	7°26	26°37	S 7
S 8	7 9 52	17°28'50	25°46	14°41	14°51	6°37	20°17	3°44	19° 9	16°47	18°11	12° 8	10°53	7°33	26°33	S 8
M 9	7 13 48	18°29'58	9°II31	16°17	16° 7	7°23	20°22	3°42	19°12	16°45	18°13	12° 5	10°50	7°40	26°30	M 9
T 10	7 17 45	19°31'05	23° 9	17°53	17°22	8°10	20°27	3°39	19°16	16°43	18°14	11°59	10°46	7°46	26°26	T 10
W11	7 21 41	20°32'12	6°36	19°30	18°38	8°56	20°32	3°36	19°19	16°42	18°16	11°50	10°43	7°53	26°23	W11
T 12	7 25 38	21°33'19	19°51	21° 8	19°53	9°42	20°38	3°34	19°22	16°40	18°17	11°39	10°40	8° 0	26°20	T 12
F 13	7 29 35	22°34'26	2°53	22°45	21° 9	10°29	20°44	3°32	19°25	16°38	18°19	11°26	10°37	8° 6	26°17	F 13
S 14	7 33 31	23°35'32	15°38	24°24	22°24	11°15	20°50	3°29	19°29	16°37	18°20	11°13	10°34	8°13	26°13	S 14
S 15	7 37 28	24°36'38	28° 8	26° 2	23°40	12° 1	20°56	3°27	19°32	16°35	18°21	11° 1	10°30	8°20	26°10	S 15
M16	7 41 24	25°37'44	10°II23	27°41	24°55	12°47	21° 2	3°25	19°35	16°33	18°22	10°51	10°27	8°26	26° 7	M16
T 17	7 45 21	26°38'50	22°25	29°21	26°11	13°34	21° 8	3°23	19°38	16°32	18°24	10°43	10°24	8°33	26° 4	T 17
W18	7 49 17	27°39'56	4°II19	1°1	27°26	14°20	21°15	3°21	19°41	16°30	18°25	10°38	10°21	8°40	26° 1	W18
T 19	7 53 14	28°41'02	16° 7	2°41	28°41	15° 6	21°22	3°19	19°44	16°28	18°26	10°36	10°18	8°46	25°58	T 19
F 20	7 57 10	29°42'07	27°56	4°22	29°57	15°52	21°29	3°18	19°47	16°27	18°27	10°D35	10°15	8°53	25°55	F 20
S 21	8 1 7	0°43'13	9°M51	6° 4	1°12	16°39	21°36	3°16	19°50	16°25	18°28	10°R35	10°11	9° 0	25°52	S 21
S 22	8 5 3	1°44'18	21°57	7°45	2°28	17°25	21°43	3°15	19°53	16°23	18°29	10°35	10° 8	9° 6	25°49	S 22
M23	8 9 0	2°45'23	4°II20	9°28	3°43	18°11	21°50	3°14	19°56	16°22	18°30	10°33	10° 5	9°13	25°46	M23
T 24	8 12 57	3°46'27	17° 4	11°10	4°59	18°57	21°58	3°12	19°59	16°20	18°31	10°28	10° 2	9°20	25°44	T 24
W25	8 16 53	4°47'31	0°II12	12°53	6°14	19°43	22° 6	3°11	20° 2	16°18	18°32	10°21	9°59	9°26	25°41	W25
T 26	8 20 50	5°48'35	13°46	14°36	7°30	20°29	22°14	3°10	20° 5	16°17	18°33	10°11	9°56	9°33	25°38	T 26
F 27	8 24 46	6°49'38	27°45	16°19	8°45	21°15	22°22	3° 9	20° 8	16°15	18°34	9°59	9°52	9°40	25°36	F 27
S 28	8 28 43	7°50'41	12°3	18° 2	10° 0	22° 2	22°30	3° 9	20°11	16°14	18°35	9°47	9°49	9°46	25°33	S 28
S 29	8 32 39	8°51'42	26°35	19°45	11°16	22°48	22°38	3° 8	20°13	16°12	18°36	9°35	9°46	9°53	25°31	S 29
M30	8 36 36	9°52'43	11°II14	21°28	12°31	23°34	22°47	3° 8	20°16	16°11	18°36	9°24	9°43	10° 0	25°29	M30
T 31	8 40 33	10°53'43	25°II51	23°11	13°47	24°II20	22°V55	3°II 7	20°II19	16°II9	18°M37	9°M17	9°M40	10°II6	25°II26	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23s 0	10s50	5n 4	24s26	1s 5	23s33	0s17	12s 1	1s 3	6n32	1s18	18n57	2s 1	22s58	0s 2	21n30
M 2	22 55	6 29	4 48	24 29	1 11	23 32	0 20	11 44	1 2	6 33	1 17	18 57	2 1	22 58	0 2	21 30
T 3	22 50	1 46	4 15	24 30	1 16	23 30	0 22	11 26	1 2	6 35	1 17	18 56	2 1	22 58	0 2	21 30
W 4	22 44	3n 3	3 26	24 30	1 21	23 27	0 24	11 9	1 1	6 37	1 17	18 56	2 1	22 59	0 2	21 31
T 5	22 38	7 42	2 25	24 28	1 26	23 23	0 26	10 51	1 0	6 39	1 16	18 56	2 0	22 59	0 2	21 31
F 6	22 31	11 53	1 15	24 25	1 31	23 19	0 29	10 33	0 59	6 41	1 16	18 55	2 0	22 59	0 2	21 31
S 7	22 24	15 24	0 1	24 21	1 35	23 14	0 31	10 16	0 58	6 43	1 16	18 55	2 0	23 0	0 2	21 31
S 8	22 16	18 0	1s12	24 15	1 39	23 8	0 33	9 58	0 57	6 45	1 16	18 55	2 0	23 0	0 2	21 31
M 9	22 8	19 32	2 20	24 8	1 43	23 1	0 35	9 40	0 57	6 47	1 15	18 54	1 59	23 0	0 2	21 32
T 10	21 59	19 54	3 20	23 59	1 47	22 54	0 38	9 22	0 56	6 49	1 15	18 54	1 59	23 0	0 2	21 32
W11	21 50	19 8	4 7	23 49	1 51	22 46	0 40	9 3	0 55	6 51	1 15	18 54	1 59	23 1	0 2	21 32
T 12	21 41	17 19	4 40	23 37	1 54	22 38	0 42	8 45	0 54	6 54	1 14	18 54	1 59	23 1	0 2	21 32
F 13	21 31	14 39	4 58	23 24	1 56	22 28	0 44	8 27	0 53	6 56	1 14	18 53	1 58	23 1	0 2	21 32
S 14	21 21	11 20	5 1	23 10	1 59	22 18	0 46	8 9	0 52	6 59	1 14	18 53	1 58	23 1	0 2	21 33
S 15	21 10	7 35	4 48	22 54	2 1	22 7	0 48	7 50	0 52	7 1	1 14	18 53	1 58	23 2	0 2	21 33
M16	20 59	3 36	4 23	22 36	2 3	21 56	0 50	7 32	0 51	7 4	1 13	18 53	1 58	23 2	0 2	21 33
T 17	20 48	0s28	3 46	22 17	2 4	21 44	0 52	7 13	0 50	7 7	1 13	18 53	1 57	23 2	0 2	21 33
W18	20 36	4 28	3 0	21 57	2 5	21 31	0 54	6 55	0 49	7 9	1 13	18 53	1 57	23 3	0 2	21 34
T 19	20 24	8 16	2 6	21 35	2 6	21 18	0 56	6 36	0 48	7 12	1 12	18 53	1 57	23 3	0 2	21 34
F 20	20 11	11 46	1 7	21 11	2 6	21 4	0 57	6 18	0 47	7 15	1 12	18 53	1 57	23 3	0 2	21 34
S 21	19 58	14 48	0 4	20 46	2 6	20 50	0 59	5 59	0 47	7 18	1 12	18 53	1 56	23 3	0 2	21 34
S 22	19 45	17 16	1n 0	20 20	2 6	20 34	1 1	5 40	0 46	7 21	1 12	18 53	1 56	23 3	0 2	21 34
M23	19 31	18 59	2 2	19 52	2 4	20 18	1 3	5 21	0 45	7 24	1 11	18 53	1 56	23 4	0 2	21 35
T 24	19 17	19 47	3 0	19 22	2 3	20 2	1 4	5 2	0 44	7 27	1 11	18 53	1 56	23 4	0 2	21 35
W25	19 12	19 34	3 51	18 51	2 1	19 45	1 6	4 44	0 43	7 30	1 11	18 53	1 55	23 4	0 2	21 35
T 26	18 48	18 14	4 29	18 19	1 58	19 27	1 7	4 25	0 42	7 33	1 11	18 53	1 55	23 4	0 2	21 35
F 27	18 32	15 47	4 54	17 45	1 55	19 9	1 9	4 6	0 41	7 36	1 10	18 53	1 55	23 5	0 2	21 36
S 28	18 17	12 21	5 0	17 10	1 51	18 51	1 10	3 47	0 41	7 39	1 10	18 53	1 55	23 5	0 2	21 36
S 29	18 1	8 8	4 47	16 33	1 47	18 31	1 12	3 28	0 40	7 43	1 10	18 53	1 54	23 5	0 2	21 36
M30	17 45	3 24	4 16	15 56	1 42	18 12	1 13	3 9	0 39	7 46	1 10	18 53	1 54	23 5	0 2	21 36
T 31	17s28	1n32	3n27	15s17	1s36	17s51	1s14	2s50	0s38	7n50	1s 9	18n53	1s54	23s 5	0s 2	21n36

Julian Day Number = 2538107.5, Delta T = 203.78 sec
 Ecliptic obliquity = 23°24'23", Nutation = 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°03'09", Lahiri = 27°10'10"

ASTRODIENST EPHEMERIS for the year 2237

geocentric

FEBRUARY 2237

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 29	11°54'41"	10°22'	24°53'	15°22'	25°36'	23°4'	3°R 7	20°21'	16°R 8	18°38'	9°R12	9°33'	10°20'	25°R24	W 1
T 2	8 48 26	12°55'39"	24°41'	26°34'	16°17'	25°52'	23°13'	3°II 7	20°24'	16°6'	18°38'	9°10'	9°33'	10°20'	25°II22	T 2
F 3	8 52 22	13°56'35"	8°47'	28°14'	17°33'	26°38'	23°22'	3°D 7	20°26'	16°5'	18°39'	9°9'	9°30'	10°26'	25°20'	F 3
S 4	8 56 19	14°57'30"	22°39'	29°53'	18°48'	27°24'	23°31'	3°7	20°29'	16°3'	18°40'	9°9'	9°27'	10°33'	25°18'	S 4
S 5	9 0 15	15°58'24"	6°18'	1°30'	20°3'	28°9'	23°40'	3°7	20°31'	16°2'	18°40'	9°8'	9°24'	10°40'	25°16'	S 5
M 6	9 4 12	16°59'16"	19°44'	3°4'	21°19'	28°55'	23°50'	3°7	20°34'	16°0'	18°41'	9°5'	9°21'	10°46'	25°14'	M 6
T 7	9 8 8	18°0'07"	2°59'	4°36'	22°34'	29°41'	23°59'	3°7	20°36'	15°59'	18°41'	8°59'	9°17'	10°53'	25°12'	T 7
W 8	9 12 5	19°0'57"	16°3'	6°5'	23°49'	0°27'	24°9'	3°8	20°39'	15°58'	18°42'	8°49'	9°14'	11°0'	25°11'	W 8
T 9	9 16 2	20°1'46"	28°55'	7°29'	25°5'	1°13'	24°19'	3°8	20°41'	15°56'	18°42'	8°37'	9°11'	11°6'	25°9'	T 9
F 10	9 19 58	21°2'33"	11°237'	8°50'	26°20'	1°58'	24°29'	3°9	20°43'	15°55'	18°43'	8°24'	9°8'	11°13'	25°7'	F 10
S 11	9 23 55	22°3'19"	24°7'	10°5'	27°35'	2°44'	24°39'	3°10	20°45'	15°54'	18°43'	8°10'	9°5'	11°20'	25°6'	S 11
S 12	9 27 51	23°4'04"	6°25'	11°14'	28°50'	3°30'	24°49'	3°11	20°48'	15°52'	18°43'	7°57'	9°2'	11°26'	25°4'	S 12
M13	9 31 48	24°4'47"	18°33'	12°16'	0°5'	4°15'	24°59'	3°12	20°50'	15°51'	18°43'	7°46'	8°58'	11°33'	25°3'	M13
T 14	9 35 44	25°5'30"	0°21'	13°11'	1°21'	5°1'	25°9'	3°13	20°52'	15°50'	18°44'	7°37'	8°55'	11°40'	25°2'	T 14
W15	9 39 41	26°6'11"	12°32'	13°58'	2°36'	5°47'	25°20'	3°15	20°54'	15°49'	18°44'	7°32'	8°52'	11°46'	25°0'	W15
T 16	9 43 37	27°6'51"	24°9'	14°35'	3°51'	6°32'	25°31'	3°16	20°56'	15°47'	18°44'	7°29'	8°49'	11°53'	24°59'	T 16
F 17	9 47 34	28°7'30"	5°157'	15°4'	5°6'	7°18'	25°41'	3°17	20°58'	15°46'	18°44'	7°D28	8°46'	12°0'	24°58'	F 17
S 18	9 51 30	29°8'08"	17°50'	15°22'	6°21'	8°3'	25°52'	3°19	21°0'	15°45'	18°44'	7°28'	8°42'	12°6'	24°57'	S 18
S 19	9 55 27	0°8'45"	29°54'	15°R30	7°36'	8°48'	26°3'	3°21	21°2'	15°44'	18°44'	7°R28	8°39'	12°13'	24°56'	S 19
M20	9 59 24	1°9'20"	12°14'	15°27'	8°52'	9°34'	26°14'	3°23	21°3'	15°43'	18°R44	7°28'	8°36'	12°20'	24°56'	M20
T 21	10 3 20	2°9'55"	24°56'	15°14'	10°7'	10°19'	26°25'	3°25	21°5'	15°42'	18°44'	7°25'	8°33'	12°26'	24°55'	T 21
W22	10 7 17	3°10'28"	8°3'	14°51'	11°22'	11°5'	26°36'	3°27	21°7'	15°41'	18°44'	7°20'	8°30'	12°33'	24°54'	W22
T 23	10 11 13	4°11'00"	21°38'	14°19'	12°37'	11°50'	26°48'	3°29	21°9'	15°40'	18°44'	7°13'	8°27'	12°40'	24°54'	T 23
F 24	10 15 10	5°11'31"	5°42'	13°37'	13°52'	12°35'	26°59'	3°31	21°10'	15°39'	18°44'	7°4'	8°23'	12°46'	24°53'	F 24
S 25	10 19 6	6°12'00"	20°12'	12°48'	15°7'	13°20'	27°11'	3°33	21°12'	15°38'	18°44'	6°54'	8°20'	12°53'	24°53'	S 25
S 26	10 23 3	7°12'28"	5°1'	11°53'	16°22'	14°6'	27°22'	3°36	21°13'	15°37'	18°44'	6°44'	8°17'	13°0'	24°52'	S 26
M27	10 26 59	8°12'54"	20°2'	10°53'	17°37'	14°51'	27°34'	3°38	21°15'	15°36'	18°43'	6°36'	8°14'	13°6'	24°52'	M27
T 28	10 30 56	9°13'19"	5°4'	9°49'	18°52'	15°36'	27°46'	3°41	21°16'	15°35'	18°43'	6°30'	8°11'	13°13'	24°52'	T 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
W 1	17s12	6n20	2n26	14s37	1s29	17s30	1s16	2s31	0s37	7n53	1s9	18n54	1s53	23s6	0s2	21n37	0s50	2s9	15n46	14s32	14s40	6s22	17n10	6s10			
T 2	16 55	10 44	1 16	13 56	1 22	17 9	1 17	2 12	0 36	7 57	1 9	18 54	1 53	23 6	0 2	21 37	0 50	2 9	15 47	14 32	14 39	6 24	17 10	6 10			
F 3	16 37	14 26	0 2	13 14	1 14	16 47	1 18	1 53	0 36	8 0	1 9	18 54	1 53	23 6	0 2	21 37	0 50	2 8	15 47	14 32	14 38	6 26	17 10	6 10			
S 4	16 20	17 16	1s11	12 31	1 6	16 25	1 19	1 34	0 35	8 4	1 8	18 54	1 53	23 6	0 2	21 37	0 50	2 8	15 48	14 32	14 37	6 28	17 10	6 9			
S 5	16 2	19 4	2 18	11 48	0 56	16 2	1 20	1 15	0 34	8 7	1 8	18 55	1 52	23 6	0 2	21 37	0 50	2 8	15 48	14 31	14 36	6 30	17 11	6 9			
M 6	15 43	19 44	3 17	11 5	0 46	15 39	1 21	0 56	0 33	8 11	1 8	18 55	1 52	23 7	0 2	21 37	0 50	2 7	15 49	14 30	14 35	6 32	17 11	6 9			
T 7	15 25	19 18	4 4	10 21	0 35	15 16	1 22	0 37	0 32	8 15	1 8	18 55	1 52	23 7	0 2	21 38	0 50	2 7	15 49	14 28	14 34	6 34	17 11	6 8			
W 8	15 6	17 51	4 38	9 38	0 23	14 52	1 23	0 18	0 32	8 18	1 7	18 56	1 52	23 7	0 2	21 38	0 50	2 7	15 50	14 25	14 33	6 35	17 11	6 8			
T 9	14 47	15 31	4 56	8 55	0 11	14 27	1 23	0n1	0 31	8 22	1 7	18 56	1 51	23 7	0 2	21 38	0 50	2 6	15 50	14 21	14 32	6 37	17 12	6 8			
F 10	14 28	12 28	5 0	8 12	0n3	14 2	1 24	0 20	0 30	8 26	1 7	18 57	1 51	23 7	0 2	21 38	0 50	2 6	15 51	14 17	14 31	6 39	17 12	6 7			
S 11	14 8	8 55	4 49	7 31	0 17	13 37	1 25	0 38	0 29	8 30	1 7	18 57	1 51	23 7	0 2	21 38	0 50	2 5	15 51	14 13	14 30	6 41	17 12	6 7			
S 12	13 49	5 2	4 25	6 52	0 31	13 12	1 25	0 57	0 28	8 34	1 7	18 57	1 50	23 8	0 2	21 39	0 50	2 5	15 52	14 8	14 29	6 43	17 12	6 7			
M13	13 29	1 1	3 49	6 14	0 47	12 46	1 26	1 16	0 27	8 38	1 6	18 58	1 50	23 8	0 2	21 39	0 50	2 5	15 52	14 5	14 28	6 45	17 13	6 6			
T 14	13 8	3s0	3 3	5 39	1 2	12 19	1 26	1 35	0 27	8 42	1 6	18 58	1 50	23 8	0 2	21 39	0 50	2 4	15 53	14 2	14 27	6 47	17 13	6 6			
W15	12 48	6 52	2 9	5 6	1 18	11 53	1 27	1 54	0 26	8 46	1 6	18 59	1 50	23 8	0 2	21 39	0 50	2 4	15 53	14 0	14 26	6 49	17 13	6 6			
T 16	12 27	10 27	1 10	4 37	1 34	11 26	1 27	2 13	0 25	8 50	1 6	18 59	1 49	23 8	0 2	21 39	0 49	2 3	15 54	13 59	14 25	6 51	17 14	6 5			
F 17	12 7	13 37	0 8	4 11	1 50	10 59	1 27	2 31	0 24	8 54	1 5	19 0	1 49	23 8	0 2	21 39	0 49	2 3	15 54	13 59	14 24	6 52	17 14	6 5			
S 18	11 46	16 15	0n55	3 49	2 6	10 31	1 27	2 50	0 23	8 58	1 5	19 1	1 49	23 9	0 2	21 40	0 49	2 2	15 55	13 59	14 23	6 54	17 14	6 5			
S 19	11 24	18 12	1 57	3 32	2 22	10 3	1 27	3 8	0 23	9 2	1 5	19 1	1 49	23 9	0 2	21 40	0 49	2 2	15 55	13 59	14 22	6 56	17 15	6 4			
M20	11 3	19 21	2 54	3 19	2 37	9 35	1 27	3 27	0 22	9 6	1 5	19 2	1 48	23 9	0 3	21 40	0 49	2 2	15 56	13 59	14 21	6 58	17 15	6 4			
T 21	10 41	19 34	3 45	3 11	2 51	9 7	1 27	3 46	0 21	9 11	1 5	19 2	1 48	23 9	0 3	21 40	0 49	2 1	15 56	13 58	14 20	7 0	17 15	6 3			
W22	10 20	18 44	4 26	3 8	3 3	8 38	1 27	4 4	0 20	9 15	1 4	19 3	1 48	23 9	0 3	21 40	0 49	2 1	15 57	13 57	14 19	7 2	17 16	6 3			
T 23	9 58	16 50	4 53	3 10	3 15	8 10	1 27	4 22	0 19	9 19	1 4	19 4	1 47	23 9	0 3	21 40	0 49	2 0	15 57	13 54	14 18	7 4	17 16	6 3			
F 24	9 36	13 54	5 4	3 17	3 24	7 41	1 27	4 41	0 19	9 23	1 4	19 4	1 47	23 9	0 3	21 41	0 49	2 0	15 58	13 51	14 17	7 5	17 16	6 2			
S 25	9 13	10 2	4 56	3 28	3 32	7 11	1 27	4 59	0 18	9 28	1 4	19 5	1 47	23 9	0 3	21 41	0 49	1 59	15 58	13 48	14 16	7 7	17 17	6 2			
S 26	8 51	5 29	4 28	3 44	3 38	6 42	1 26	5 17	0 17	9 32	1 4	19 6	1 47	23 10	0 3	21 41	0 49	1 59	15 58	13 45	14 15	7 9	17 17	6 2			
M27	8 29	0 32	3 42	4 4	3 41	6 12	1 26	5 36	0 16	9 36	1 4	19 7	1 46	23 10	0 3	21 41	0 49	1 58	15 59	13 42	14 14	7 11	17 17	6 1			
T 28	8s6	4n27	2n40	4s26	3n43	5s43	1s26	5n54	0s15	9n41	1s3	19n7	1s46	23s10	0s3	21n41	0s49	1s57	15n59	13s40	14s13	7s13	17n18	6s1			

Julian Day Number = 2538138.5, Delta T = 203.89 sec

Ecliptic obliquity = 23°24'23", Nutation = 0°00'13", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°03'14", Lahiri = 27°10'14"

ASTRODIENST EPHEMERIS for the year 2237

geocentric

MARCH 2237

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 53	10 ¹¹ 13'41	19 ¹⁹ 59	8 ⁸ R44	20 ²⁰ 7	16 ¹⁶ Y21	27 ²⁷ Y58	3 ³ II44	21 ²¹ 718	15 ¹⁵ R34	18 ¹⁸ R43	6 ⁶ R27	8 ⁸ M 7	13 ¹³ 20	24 ²⁴ R52	W 1
T 2	10 38 49	11 ¹¹ 14'02	4 ⁴ 839	7 ⁷ 339	21 ²¹ 22	17 ¹⁷ ° 6	28 ²⁸ °10	3 ³ °47	21 ²¹ °19	15 ¹⁵ 333	18 ¹⁸ M43	6 ⁶ D25	8 ⁸ ° 4	13 ¹³ °26	24 ²⁴ D52	T 2
F 3	10 42 46	12 ¹² 14'21	19 ¹⁹ ° 0	6 ⁶ °35	22 ²² °37	17 ¹⁷ °51	28 ²⁸ °22	3 ³ °50	21 ²¹ °20	15 ¹⁵ °33	18 ¹⁸ °42	6 ⁶ M26	8 ⁸ ° 1	13 ¹³ °33	24 ²⁴ II52	F 3
S 4	10 46 42	13 ¹³ 14'38	3 ³ II 1	5 ⁵ °35	23 ²³ °52	18 ¹⁸ °36	28 ²⁸ °34	3 ³ °53	21 ²¹ °21	15 ¹⁵ °32	18 ¹⁸ °42	6 ⁶ °27	7 ⁷ °58	13 ¹³ °40	24 ²⁴ °52	S 4
S 5	10 50 39	14 ¹⁴ 15'53	16 ¹⁶ °40	4 ⁴ °38	25 ²⁵ ° 7	19 ¹⁹ °21	28 ²⁸ °46	3 ³ °56	21 ²¹ °23	15 ¹⁵ °31	18 ¹⁸ °41	6 ⁶ R27	7 ⁷ °55	13 ¹³ °46	24 ²⁴ °52	S 5
M 6	10 54 35	15 ¹⁵ 15'05	0 ⁰ 32 0	3 ³ °47	26 ²⁶ °22	20 ²⁰ ° 6	28 ²⁸ °58	3 ³ °59	21 ²¹ °24	15 ¹⁵ °30	18 ¹⁸ °41	6 ⁶ °26	7 ⁷ °52	13 ¹³ °53	24 ²⁴ °53	M 6
T 7	10 58 32	16 ¹⁶ 15'16	13 ¹³ ° 4	3 ³ ° 1	27 ²⁷ °36	20 ²⁰ °50	29 ²⁹ °11	4 ⁴ ° 3	21 ²¹ °25	15 ¹⁵ °30	18 ¹⁸ °40	6 ⁶ °23	7 ⁷ °48	14 ¹⁴ ° 0	24 ²⁴ °53	T 7
W 8	11 2 28	17 ¹⁷ 15'25	25 ²⁵ °52	2 ² °22	28 ²⁸ °51	21 ²¹ °35	29 ²⁹ °23	4 ⁴ ° 6	21 ²¹ °26	15 ¹⁵ °29	18 ¹⁸ °40	6 ⁶ °17	7 ⁷ °45	14 ¹⁴ ° 6	24 ²⁴ °54	W 8
T 9	11 6 25	18 ¹⁸ 15'32	8 ⁸ 227	1 ¹ °49	0 ⁰ Y 6	22 ²² °20	29 ²⁹ °36	4 ⁴ °10	21 ²¹ °27	15 ¹⁵ °28	18 ¹⁸ °39	6 ⁶ °10	7 ⁷ °42	14 ¹⁴ °13	24 ²⁴ °54	T 9
F 10	11 10 22	19 ¹⁹ 15'36	20 ²⁰ °51	1 ¹ °24	1 ¹ °21	23 ²³ ° 5	29 ²⁹ °48	4 ⁴ °14	21 ²¹ °28	15 ¹⁵ °28	18 ¹⁸ °39	6 ⁶ ° 1	7 ⁷ °39	14 ¹⁴ °20	24 ²⁴ °55	F 10
S 11	11 14 18	20 ²⁰ 15'39	3 ³ II 5	1 ¹ ° 5	2 ² °35	23 ²³ °49	0 ⁰ 8 1	4 ⁴ °17	21 ²¹ °28	15 ¹⁵ °27	18 ¹⁸ °38	5 ⁵ °52	7 ⁷ °36	14 ¹⁴ °26	24 ²⁴ °56	S 11
S 12	11 18 15	21 ²¹ 15'39	15 ¹⁵ °10	0 ⁰ °53	3 ³ °50	24 ²⁴ °34	0 ⁰ °14	4 ⁴ °21	21 ²¹ °29	15 ¹⁵ °27	18 ¹⁸ °37	5 ⁵ °44	7 ⁷ °33	14 ¹⁴ °33	24 ²⁴ °56	S 12
M13	11 22 11	22 ²² 15'38	27 ²⁷ ° 9	0 ⁰ D47	5 ⁵ ° 5	25 ²⁵ °18	0 ⁰ °27	4 ⁴ °25	21 ²¹ °30	15 ¹⁵ °26	18 ¹⁸ °37	5 ⁵ °36	7 ⁷ °29	14 ¹⁴ °39	24 ²⁴ °57	M13
T 14	11 26 8	23 ²³ 15'35	9 ⁹ 21 1	0 ⁰ °48	6 ⁶ °19	26 ²⁶ ° 3	0 ⁰ °39	4 ⁴ °29	21 ²¹ °31	15 ¹⁵ °26	18 ¹⁸ °36	5 ⁵ °31	7 ⁷ °26	14 ¹⁴ °46	24 ²⁴ °58	T 14
W15	11 30 4	24 ²⁴ 15'30	20 ²⁰ °50	0 ⁰ °55	7 ⁷ °34	26 ²⁶ °47	0 ⁰ °52	4 ⁴ °33	21 ²¹ °31	15 ¹⁵ °26	18 ¹⁸ °35	5 ⁵ °28	7 ⁷ °23	14 ¹⁴ °53	24 ²⁴ °59	W15
T 16	11 34 1	25 ²⁵ 15'24	2 ² M37	1 ¹ ° 8	8 ⁸ °49	27 ²⁷ °32	1 ¹ ° 5	4 ⁴ °38	21 ²¹ °32	15 ¹⁵ °25	18 ¹⁸ °34	5 ⁵ D27	7 ⁷ °20	14 ¹⁴ °59	25 ²⁵ ° 0	T 16
F 17	11 37 57	26 ²⁶ 15'15	14 ¹⁴ °26	1 ¹ °26	10 ¹⁰ ° 3	28 ²⁸ °16	1 ¹ °18	4 ⁴ °42	21 ²¹ °33	15 ¹⁵ °25	18 ¹⁸ °34	5 ⁵ °27	7 ⁷ °17	15 ¹⁵ ° 6	25 ²⁵ ° 2	F 17
S 18	11 41 54	27 ²⁷ 15'05	26 ²⁶ °20	1 ¹ °50	11 ¹¹ °18	29 ²⁹ ° 0	1 ¹ °32	4 ⁴ °46	21 ²¹ °33	15 ¹⁵ °25	18 ¹⁸ °33	5 ⁵ °28	7 ⁷ °13	15 ¹⁵ °13	25 ²⁵ ° 3	S 18
S 19	11 45 50	28 ²⁸ 14'54	8 ⁸ 725	2 ² °18	12 ¹² °32	29 ²⁹ °45	1 ¹ °45	4 ⁴ °51	21 ²¹ °33	15 ¹⁵ °24	18 ¹⁸ °32	5 ⁵ °30	7 ⁷ °10	15 ¹⁵ °19	25 ²⁵ ° 4	S 19
M20	11 49 47	29 ²⁹ 14'40	20 ²⁰ °43	2 ² °51	13 ¹³ °47	0 ⁰ 829	1 ¹ °58	4 ⁴ °55	21 ²¹ °34	15 ¹⁵ °24	18 ¹⁸ °31	5 ⁵ °31	7 ⁷ ° 7	15 ¹⁵ °26	25 ²⁵ ° 6	M20
T 21	11 53 44	0 ⁰ Y1425	3 ³ 322	3 ³ °28	15 ¹⁵ ° 1	1 ¹ °13	2 ² °11	5 ⁵ ° 0	21 ²¹ °34	15 ¹⁵ °24	18 ¹⁸ °30	5 ⁵ R32	7 ⁷ ° 4	15 ¹⁵ °33	25 ²⁵ ° 7	T 21
W22	11 57 40	1 ¹ 14'08	16 ¹⁶ °23	4 ⁴ °10	16 ¹⁶ °16	1 ¹ °57	2 ² °25	5 ⁵ ° 5	21 ²¹ °34	15 ¹⁵ °24	18 ¹⁸ °29	5 ⁵ °31	7 ⁷ ° 1	15 ¹⁵ °39	25 ²⁵ ° 9	W22
T 23	12 1 37	2 ² 13'50	29 ²⁹ °52	4 ⁴ °55	17 ¹⁷ °30	2 ² °41	2 ² °38	5 ⁵ °10	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °28	5 ⁵ °28	6 ⁶ °58	15 ¹⁵ °46	25 ²⁵ °10	T 23
F 24	12 5 33	3 ³ 13'30	13 ¹³ 250	5 ⁵ °43	18 ¹⁸ °45	3 ³ °25	2 ² °51	5 ⁵ °15	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °27	5 ⁵ °24	6 ⁶ °54	15 ¹⁵ °53	25 ²⁵ °12	F 24
S 25	12 9 30	4 ⁴ 13'08	28 ²⁸ °15	6 ⁶ °35	19 ¹⁹ °59	4 ⁴ °10	3 ³ ° 5	5 ⁵ °20	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °26	5 ⁵ °20	6 ⁶ °51	15 ¹⁵ °59	25 ²⁵ °14	S 25
S 26	12 13 26	5 ⁵ 12'44	13 ¹³ 34 4	7 ⁷ °30	21 ²¹ °13	4 ⁴ °53	3 ³ °18	5 ⁵ °25	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °25	5 ⁵ °15	6 ⁶ °48	16 ¹⁶ ° 6	25 ²⁵ °16	S 26
M27	12 17 23	6 ⁶ 12'18	28 ²⁸ °10	8 ⁸ °27	22 ²² °28	5 ⁵ °37	3 ³ °32	5 ⁵ °30	21 ²¹ R35	15 ¹⁵ D23	18 ¹⁸ °24	5 ⁵ °11	6 ⁶ °45	16 ¹⁶ °13	25 ²⁵ °18	M27
T 28	12 21 19	7 ⁷ 11'51	13 ¹³ Y23	9 ⁹ °28	23 ²³ °42	6 ⁶ °21	3 ³ °46	5 ⁵ °35	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °23	5 ⁵ ° 8	6 ⁶ °42	16 ¹⁶ °19	25 ²⁵ °20	T 28
W29	12 25 16	8 ⁸ 11'21	28 ²⁸ °33	10 ¹⁰ °31	24 ²⁴ °56	7 ⁷ ° 5	3 ³ °59	5 ⁵ °40	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °21	5 ⁵ D 7	6 ⁶ °38	16 ¹⁶ °26	25 ²⁵ °22	W29
T 30	12 29 13	9 ⁹ 10'49	13 ¹³ 332	11 ¹¹ °37	26 ²⁶ °10	7 ⁷ °49	4 ⁴ °13	5 ⁵ °46	21 ²¹ °35	15 ¹⁵ °23	18 ¹⁸ °20	5 ⁵ ° 7	6 ⁶ °35	16 ¹⁶ °33	25 ²⁵ °24	T 30
F 31	12 33 9	10 ¹⁰ Y10'15	28 ²⁸ 811	12 ¹² 345	27 ²⁷ Y25	8 ⁸ 833	4 ⁴ 827	5 ⁵ II51	21 ²¹ 734	15 ¹⁵ 324	18 ¹⁸ M19	5 ⁵ M 8	6 ⁶ M32	16 ¹⁶ 239	25 ²⁵ II26	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	7s43	9n 9	1n27	4s52	3n41	5s13	1s25	6n12	0s15	9n45	1s 3	19n 8	1s46	23s10	0s 3	21n41
T 2	7 21	13 12	0 10	5 19	3 38	4 43	1 25	6 30	0 14	9 49	1 3	19 9	1 46	23 10	0 3	21 41
F 3	6 58	16 22	1s 7	5 47	3 33	4 13	1 24	6 47	0 13	9 54	1 3	19 10	1 45	23 10	0 3	21 41
S 4	6 35	18 28	2 18	6 16	3 26	3 42	1 23	7 5	0 12	9 58	1 3	19 11	1 45	23 10	0 3	21 42
S 5	6 11	19 26	3 19	6 44	3 17	3 12	1 22	7 23	0 12	10 3	1 3	19 11	1 45	23 10	0 3	21 42
M 6	5 48	19 16	4 8	7 12	3 7	2 42	1 22	7 41	0 11	10 7	1 2	19 12	1 45	23 10	0 3	21 42
T 7	5 25	18 5	4 43	7 39	2 55	2 11	1 21	7 58	0 10	10 12	1 2	19 13	1 44	23 10	0 3	21 42
W 8	5 2	15 59	5 2	8 5	2 43	1 40	1 20	8 16	0 9	10 16	1 2	19 14	1 44	23 10	0 3	21 42
T 9	4 38	13 11	5 7	8 29	2 30	1 10	1 19	8 33	0 9	10 21	1 2	19 15	1 44	23 11	0 3	21 42
F 10	4 15	9 49	4 57	8 51	2 16	0 39	1 18	8 50	0 8	10 26	1 2	19 16	1 44	23 11	0 3	21 42
S 11	3 51	6 6	4 34	9 11	2 2	0 8	1 16	9 7	0 7	10 30	1 2	19 17	1 43	23 11	0 3	21 42
S 12	3 28	2 10	3 58	9 28	1 48	0n22	1 15	9 24	0 6	10 35	1 1	19 18	1 43	23 11	0 3	21 42
M13	3 4	1s49	3 13	9 44	1 33	0 53	1 14	9 41	0 6	10 39	1 1	19 19	1 43	23 11	0 3	21 43
T 14	2 40	5 42	2 19	9 56	1 19	1 24	1 13	9 58	0 5	10 44	1 1	19 20	1 43	23 11	0 3	21 43
W15	2 17	9 20	1 19	10 7	1 5	1 55	1 11	10 15	0 4	10 49	1 1	19 21	1 42	23 11	0 3	21 43
T 16	1 53	12 36	0 15	10 16	0 51	2 25	1 10	10 32	0 3	10 53	1 1	19 22	1 42	23 11	0 3	21 43
F 17	1 29	15 22	0n49	10 22	0 38	2 56	1 8	10 48	0 3	10 58	1 1	19 23	1 42	23 11	0 3	21 43
S 18	1 5	17 30	1 52	10 26	0 24	3 26	1 7	11 5	0 2	11 3	1 0	19 24	1 42	23 11	0 3	21 43
S 19	0 42	18 52	2 50	10 28	0 12	3 57	1 5	11 21	0 1	11 7	1 0	19 25	1 41	23 11	0 3	21 43
M20	0 18	19 23	3 42	10 27	0s 1	4 27	1 3	11 37	0 0	11 12	1 0	19 26	1 41	23 11	0 3	21 43
T 21	0n 6	18 57	4 25	10 25	0 13	4 58	1 2	11 53	0n 0	11 17	1 0	19 27	1 41	23 11	0 3	2

ASTRODIENST EPHEMERIS for the year 2237

geocentric

APRIL 2237

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 6	11°9'39	12°11'27	13°55'55	28°39'39	9°16'16	4°41'41	5°11'57	21°R34	15°24'24	18°R18	5°11'10	6°11'29	16°11'46	25°11'29	S 1
S 2	12 41 2	12° 9'01	26°18'18	15° 7'29	29°53'10	10° 0'45	6° 2'21	21°34'34	15°24'18	18°15'17	5°11'11	6°26'26	16°53'53	25°31'31	S 2	
M 3	12 44 59	13° 8'20	9°43'43	16°22'18	10°44'7	10°44'5	5° 8'6	21°34'6	15°24'18	18°15'17	5°R12	6°23'23	16°59'59	25°34'34	M 3	
T 4	12 48 55	14° 7'37	22°46'22	17°38'22	11°27'21	11°27'5	5°22'6	21°33'6	15°24'18	18°14'17	5°12'17	6°19'19	17° 6'6	25°36'36	T 4	
W 5	12 52 52	15° 6'51	5°29'29	18°56'33	3°35'12	12°11'5	5°36'6	21°33'6	15°25'18	18°13'17	5°10'17	6°16'16	17°13'13	25°39'39	W 5	
T 6	12 56 48	16° 6'04	17°55'20	20°16'44	4°49'12	12°54'5	5°50'6	21°32'6	15°25'18	18°11'17	5° 8'17	6°13'13	17°19'19	25°42'42	T 6	
F 7	13 04 5	17° 5'14	0°19'9	21°38'6	3° 3'13	13°38'6	6° 4'6	21°32'6	15°25'18	18°10'17	5° 6'17	6°10'10	17°26'26	25°44'44	F 7	
S 8	13 44 2	18° 4'21	12°12'23	23° 2'7	7°17'14	14°21'6	6°18'6	21°31'6	15°26'18	18° 9'9	5° 3'9	6° 7'7	17°32'32	25°47'47	S 8	
S 9	13 8 38	19° 3'27	24° 8'24	24°27'8	8°31'15	15° 4'6	6°32'6	21°30'6	15°26'18	18° 7'7	5° 0'0	6° 4'4	17°39'39	25°50'50	S 9	
M10	13 12 35	20° 2'30	5°45'45	25°54'9	9°45'15	15°48'6	6°46'6	21°30'6	15°27'18	18° 6'6	4°58'8	6° 0'0	17°46'46	25°53'53	M10	
T 11	13 16 31	21° 1'31	17°47'27	27°23'10	10°59'16	16°31'7	7° 0'0	21°29'6	15°27'18	18° 4'4	4°57'8	5°57'7	17°52'52	25°56'56	T 11	
W12	13 20 28	22° 0'31	29°35'28	28°53'12	12°12'17	17°14'7	7°15'2	21°28'6	15°28'18	18° 3'3	4°D56	5°54'4	17°59'59	25°59'59	W12	
T 13	13 24 24	22°59'28	11°11'25	0°17'25	13°26'17	17°57'7	7°29'8	21°27'6	15°28'18	18° 1'1	4°56'8	5°51'1	18° 6'6	26° 2'2	T 13	
F 14	13 28 21	23°58'23	23°19'1	1°58'14	14°40'18	18°40'7	7°43'7	21°26'6	15°29'18	18° 0'0	4°57'8	5°48'8	18°12'12	26° 5'5	F 14	
S 15	13 32 17	24°57'17	5°17'20	3°34'15	15°53'19	19°23'7	7°57'7	21°25'6	15°30'17	17°58'8	4°58'8	5°44'4	18°19'19	26° 9'9	S 15	
S 16	13 36 14	25°56'09	17°31'5	5°10'17	7° 7'20	20° 6'8	8°11'7	21°24'6	15°30'17	17°57'8	4°59'8	5°41'4	18°26'26	26°12'12	S 16	
M17	13 40 11	26°54'59	29°54'6	18°21'18	20°49'8	26°48'8	8°26'7	21°23'6	15°31'17	17°55'8	4°59'8	5°38'8	18°32'32	26°15'15	M17	
T 18	13 44 7	27°53'47	12°33'4	8°28'19	19°34'21	21°32'8	8°40'7	21°22'6	15°32'17	17°54'8	5° 0'0	5°35'5	18°39'39	26°19'19	T 18	
W19	13 48 4	28°52'34	25°34'10	9° 20'22	22°15'8	8°54'7	7°47'7	21°21'6	15°32'17	17°52'8	5°R 0	5°32'5	18°46'46	26°22'22	W19	
T 20	13 52 0	29°51'19	8°26'11	11°52'22	22° 1'22	22°58'9	9° 8'7	21°20'6	15°33'17	17°51'8	5° 0'0	5°29'5	18°52'52	26°26'26	T 20	
F 21	13 55 57	0°50'02	22°43'13	13°37'23	15°23'23	23°40'9	9°23'8	21°19'6	15°34'17	17°49'8	5° 0'0	5°25'5	18°59'59	26°30'30	F 21	
S 22	13 59 53	1°48'44	6°15'56	15°23'24	24°28'24	24°23'9	9°37'8	21°17'6	15°35'17	17°47'8	5° 0'0	5°22'6	19° 6'6	26°33'33	S 22	
S 23	14 3 50	2°47'24	21°31'17	17°11'25	25°42'25	25° 6'9	9°51'8	21°16'6	15°36'17	17°46'8	4°59'8	5°19'9	19°12'12	26°37'37	S 23	
M24	14 7 46	3°46'02	6°17'25	19° 0'26	26°55'25	25°48'10	6° 8'8	21°15'6	15°37'17	17°44'8	4°59'8	5°16'9	19°19'19	26°41'41	M24	
T 25	14 11 43	4°44'38	21°31'20	20°51'28	8° 26'26	10°20'8	8°28'8	21°13'6	15°38'17	17°43'8	4°D59	5°13'9	19°26'26	26°45'45	T 25	
W26	14 15 39	5°43'13	6°14'21	22°43'29	22°43'29	22°13'10	8°35'8	21°12'6	15°39'17	17°41'8	4°R59	5°10'9	19°32'32	26°49'49	W26	
T 27	14 19 36	6°41'46	21°44'24	24°38'0	11°35'27	10°49'8	8°42'8	21°10'6	15°40'17	17°39'8	4°59'8	5° 6'6	19°39'39	26°53'53	T 27	
F 28	14 23 33	7°40'17	6°11'33	26°33'1	1°48'28	28°38'11	3° 3'8	21° 9'9	15°41'17	17°38'8	4°59'8	5° 3'3	19°45'45	26°57'57	F 28	
S 29	14 27 29	8°38'45	21° 1'28	3° 1'29	29°21'11	11°17'8	8°56'8	21° 7'7	15°42'17	17°36'8	4°59'8	5° 0'0	19°52'52	27° 1'1	S 29	
S 30	14 31 26	9°37'12	5°33'3	0°13'30	4°11'14	0°11'3	11°32'9	21°15'5	15°43'17	17°34'8	4°11'58	4°11'57	19°59'59	27°11'11	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	4n25	19n 6	3s11	8s 2	1s52	10n22	0s40	14n41	0n 8	12n 8	0s59	19n39	1s39	23s11	0s 3	21n44	0s48	1s39	16n12	13s13	13s40	8s11	17n32	5s48			
S 2	4 48	19 15	4 6	7 40	1 58	10 50	0 37	14 56	0 9	12 13	0 59	19 40	1 38	23 11	0 3	21 44	0 48	1 38	16 13	13 14	13 39	8 13	17 32	5 48			
M 3	5 11	18 19	4 45	7 16	2 3	11 18	0 35	15 10	0 9	12 18	0 59	19 41	1 38	23 11	0 3	21 44	0 48	1 37	16 13	13 14	13 38	8 15	17 32	5 48			
T 4	5 34	16 25	5 8	6 51	2 8	11 46	0 33	15 24	0 10	12 23	0 58	19 43	1 38	23 11	0 3	21 44	0 48	1 37	16 13	13 14	13 37	8 17	17 33	5 47			
W 5	5 57	13 46	5 16	6 25	2 13	12 13	0 30	15 38	0 11	12 27	0 58	19 44	1 38	23 11	0 3	21 44	0 48	1 36	16 13	13 14	13 36	8 18	17 33	5 47			
T 6	6 19	10 33	5 8	5 57	2 17	12 40	0 28	15 52	0 11	12 32	0 58	19 45	1 38	23 11	0 3	21 44	0 48	1 36	16 14	13 13	13 35	8 20	17 34	5 47			
F 7	6 42	6 56	4 46	5 28	2 21	13 7	0 26	16 6	0 12	12 37	0 58	19 46	1 37	23 11	0 3	21 44	0 48	1 35	16 14	13 12	13 33	8 22	17 34	5 46			
S 8	7 5	3 5	4 12	4 58	2 24	13 34	0 23	16 19	0 13	12 41	0 58	19 47	1 37	23 11	0 3	21 44	0 48	1 34	16 14	13 11	13 32	8 24	17 35	5 46			
S 9	7 27	0s51	3 27	4 26	2 26	14 0	0 21	16 33	0 13	12 46	0 58	19 49	1 37	23 11	0 3	21 44	0 48	1 34	16 15	13 10	13 31	8 25	17 35	5 46			
M10	7 49	4 43	2 34	3 54	2 28	14 26	0 18	16 46	0 14	12 51	0 58	19 50	1 37	23 11	0 3	21 44	0 48	1 33	16 15	13 10	13 30	8 27	17 35	5 45			
T 11	8 12	8 25	1 34	3 20	2 30	14 51	0 16	16 59	0 15	12 55	0 58	19 51	1 37	23 11	0 3	21 43	0 48	1 33	16 15	13 9	13 29	8 29	17 36	5 45			
W12	8 34	11 46	0 30	2 45	2 31	15 16	0 13	17 12	0 15	13 0	0 58	19 52	1 36	23 11	0 3	21 43	0 48	1 32	16 15	13 9	13 28	8 31	17 36	5 45			
T 13	8 56	14 40	0n36	2 9	2 31	15 41	0 10	17 25	0 16	13 5	0 58	19 53	1 36	23 11	0 3	21 43	0 48	1 31	16 15	13 9	13 27	8 32	17 37	5 44			
F 14	9 17	16 58	1 40	1 32	2 32	16 5	0 8	17 37	0 17	13 9	0 57	19 55	1 36	23 11	0 3	21 43	0 47	1 31	16 16	13 9	13 26	8 34	17 37	5 44			
S 15	9 39	18 31	2 41	0 54	2 31	16 29	0 5	17 50	0 17	13 14	0 57	19 56	1 36	23 11	0 3	21 43	0 47	1 30	16 16	13 9	13 25	8 36	17 38	5 44			
S 16	10 0	19 15	3 35	0 15	2 30	16 53	0 3	18 2	0 18	13 19	0 57	19 57	1 36	23 11	0 3	21 43	0 47	1 30	16 16	13 10	13 24	8 38	17 38	5 43			
M17	10 22	19 4	4 20	0n25	2 29	17 16	0n 0	18 14	0 18	13 23	0 57	19 58	1 36	23 11	0 3	21 43	0 47	1 29	16 16	13 10	13 23	8 40	17 38	5 43			
T 18	10 43	17 56	4 54	1 6	2 27	17 39	0 3	18 26	0 19	13 28	0 57	19 59	1 35	23 11	0 3	21 43	0 47	1 29	16 16	13 10	13 22	8 41	17 39	5 43			
W19	11 4	15 51	5 14	1 48	2 24	18 1	0 5	18 37	0 20	13 33	0 57	20 1	1 35	23 11	0 3	21 43	0 47	1 28	16 16	13 10	13 21	8 43	17 39	5 42			
T 20	11 24	12 54	5 17	2 31	2 21	18 23	0 8	18 49	0 20	13 37	0 57	20 2	1 35	23 11	0 3	21 43	0 47	1 28	16 17	13 10	13 20	8 45	17 39	5 42			
F 21	11 45	9 9	5 3	3 15	2 18	18 44	0 11	19 0	0 21	13 42	0 57	20 3	1 35	23 11	0 3	21 43	0 47	1 27	16 17	13 10	13 19	8 47	17 40	5 42			
S 22	12 5	4 46	4 30	3 59	2 14	19 5	0 14	19 11	0 21	13 46	0 57	20 4	1 35	23 10	0 3	21 43	0 47	1 27	16 17	13 10	13 18	8 48	17 40	5 42			
S 23	12 25	0 0	3 39	4 45	2 9	19 25	0 16	19 22	0 22	13 51	0 57	20 6	1 35	23 10	0 3	21 43	0 47	1 26	16 17	13 10	13 17	8 50	17 41	5 41			
M24	12 45	4n53	2 32	5 31	2 4	19 45	0 19	19 33	0 23	13 56	0 57	20 7	1 34	23 10	0 3	21 43	0 47	1 25	16 17	13 10	13 16	8 52	17 41	5 41			
T 25	13 5	9 32	1 14	6 17	1 59	20 4	0 22	19 44	0 23	14 0	0 57	20 8	1 34	23 10	0 3	21 43	0 47	1 25	16 17	13 10	13 14	8 53	17 41	5 41			
W26	13 25	13 35	0s 9	7 5	1 53	20 23	0 24	19 54	0 24	14 5	0 57	20 9	1 34	23 10	0 3	21 43	0 47	1 24	16 17	13 10	13 13	8 55	17 42	5 40			
T 27	13 44	16 42	1 32	7 53	1 46	20 41	0 27	20 4	0 24	14 9	0 56	20 11	1 34	23 10	0 3	21 43	0 47	1 24	16 17	13 10	13 12	8 57	17 42	5 40			
F 28	14 3	18 38	2 47	8 41	1 39	20 59	0 30	20 14	0 25	14 14	0 56	20 12	1 34	23 10	0 3	21 43	0 47	1 24	16 17	13 10	13 11	8 59	17 42	5 40			
S 29	14 22	19 18	3 49	9 30	1 32	21 16	0 33	20 24	0 26	14 18	0 56	20 13	1 34	23 10	0 3	21 42	0 47	1 23	16 17	13 10	13 10	9 0	17 43	5 40			
S 30	14n40	18n43	4s36	10n19	1s24	21n32	0n35	20n34	0n26	14n23	0s56	20n14	1s34	23s10	0s 3	21n42	0s47	1s23	16n17	13s10	13s 9	9s 2	17n43	5s39			

ASTRODIENST EPHEMERIS for the year 2237
geocentric

MAY 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 22	10♌35'37	18♌38	2♌30	5♏27	0♏45	11♌46	9♏10	21♌R 4	15♌44	17♌R33	4♌R58	4♏54	20♏5	27♏9	M 1
T 2	14 39 19	11°34'00	1♏47	4°32	6°41	1°28	12° 1	9°18	21♌2	15°45	17♏31	4♏57	4°50	20°12	27°13	T 2
W 3	14 43 15	12°32'20	14°32	6°36	7°54	2°10	12°15	9°25	21° 0	15°46	17°29	4°D57	4°47	20°19	27°17	W 3
T 4	14 47 12	13°30'38	26°57	8°41	9° 6	2°52	12°29	9°32	20°59	15°47	17°28	4°57	4°44	20°25	27°22	T 4
F 5	14 51 8	14°28'55	9♏7	10°47	10°19	3°34	12°44	9°39	20°57	15°49	17°26	4°58	4°41	20°32	27°26	F 5
S 6	14 55 5	15°27'09	21° 5	12°54	11°32	4°16	12°58	9°47	20°55	15°50	17°24	4°59	4°38	20°39	27°31	S 6
S 7	14 59 2	16°25'21	2♏56	15° 2	12°45	4°58	13°12	9°54	20°53	15°51	17°23	5° 0	4°35	20°45	27°35	S 7
M 8	15 2 58	17°23'32	14°44	17°11	13°58	5°40	13°27	10° 1	20°51	15°53	17°21	5° 1	4°31	20°52	27°40	M 8
T 9	15 6 55	18°21'40	26°31	19°21	15°11	6°22	13°41	10° 9	20°49	15°54	17°19	5° 2	4°28	20°59	27°44	T 9
W10	15 10 51	19°19'47	8♏22	21°31	16°23	7° 4	13°55	10°16	20°47	15°55	17°17	5°R 2	4°25	21° 5	27°49	W10
T 11	15 14 48	20°17'52	20°18	23°41	17°36	7°46	14°10	10°24	20°45	15°57	17°16	5° 1	4°22	21°12	27°53	T 11
F 12	15 18 44	21°15'56	2♏22	25°51	18°48	8°27	14°24	10°31	20°43	15°58	17°14	5° 0	4°19	21°19	27°58	F 12
S 13	15 22 41	22°13'58	14°34	28° 1	20° 1	9° 9	14°38	10°39	20°41	16° 0	17°12	4°58	4°15	21°25	28° 3	S 13
S 14	15 26 37	23°11'58	26°58	0♏10	21°14	9°51	14°52	10°46	20°39	16° 1	17°11	4°55	4°12	21°32	28° 7	S 14
M15	15 30 34	24° 9'58	9♏34	2°18	22°26	10°33	15° 7	10°54	20°37	16° 3	17° 9	4°52	4° 9	21°39	28°12	M15
T 16	15 34 31	25° 7'55	22°24	4°24	23°38	11°14	15°21	11° 2	20°35	16° 4	17° 7	4°50	4° 6	21°45	28°17	T 16
W17	15 38 27	26° 5'52	5♏30	6°29	24°51	11°56	15°35	11° 9	20°33	16° 6	17° 6	4°48	4° 3	21°52	28°22	W17
T 18	15 42 24	27° 3'47	18°53	8°33	26° 3	12°37	15°49	11°17	20°31	16° 7	17° 4	4°47	4° 0	21°58	28°27	T 18
F 19	15 46 20	28° 1'41	2♏34	10°34	27°15	13°19	16° 4	11°24	20°28	16° 9	17° 2	4°D46	3°56	22° 5	28°32	F 19
S 20	15 50 17	28°59'33	16°34	12°33	28°28	14° 0	16°18	11°32	20°26	16°10	17° 1	4°47	3°53	22°12	28°36	S 20
S 21	15 54 13	29°57'25	0♏53	14°29	29°40	14°41	16°32	11°40	20°24	16°12	16°59	4°49	3°50	22°18	28°41	S 21
M22	15 58 10	0♏55'15	15°28	16°23	0♏52	15°23	16°46	11°48	20°22	16°14	16°57	4°50	3°47	22°25	28°46	M22
T 23	16 2 6	1°53'04	0♏15	18°14	2° 4	16° 4	17° 0	11°55	20°19	16°15	16°56	4°R51	3°44	22°32	28°51	T 23
W24	16 6 3	2°50'52	15° 8	20° 3	3°16	16°45	17°14	12° 3	20°17	16°17	16°54	4°50	3°41	22°38	28°57	W24
T 25	16 10 0	3°48'39	29°59	21°48	4°28	17°27	17°28	12°11	20°15	16°19	16°53	4°49	3°37	22°45	29° 2	T 25
F 26	16 13 56	4°46'24	14♏43	23°31	5°40	18° 8	17°42	12°18	20°12	16°21	16°51	4°46	3°34	22°52	29° 7	F 26
S 27	16 17 53	5°44'08	29°10	25°10	6°52	18°49	17°56	12°26	20°10	16°22	16°49	4°42	3°31	22°58	29°12	S 27
S 28	16 21 49	6°41'51	13♌15	26°46	8° 4	19°30	18°10	12°34	20° 8	16°24	16°48	4°37	3°28	23° 5	29°17	S 28
M29	16 25 46	7°39'32	26°54	28°19	9°15	20°11	18°24	12°42	20° 5	16°26	16°46	4°32	3°25	23°12	29°22	M29
T 30	16 29 42	8°37'12	10♏8	29°49	10°27	20°52	18°38	12°50	20° 3	16°28	16°45	4°28	3°21	23°18	29°28	T 30
W31	16 33 39	9♏34'50	22♏57	1♌15	11♌39	21♏33	18♌52	12♏57	20♌1	16♌30	16♏43	4♏25	3♏18	23♏25	29♏33	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	14n59	17n 4	5s 5	11n 8	1s16	21n48	0n38	20n43	0n27	14n27	0s56	20n15	1s33	23s10	0s 3	21n42
T 2	15 17	14 35	5 17	11 58	1 7	22 4	0 41	20 52	0 27	14 32	0 56	20 17	1 33	23 10	0 3	21 42
W 3	15 35	11 27	5 13	12 47	0 58	22 18	0 43	21 1	0 28	14 36	0 56	20 18	1 33	23 9	0 3	21 42
T 4	15 52	7 53	4 55	13 36	0 49	22 32	0 46	21 10	0 28	14 40	0 56	20 19	1 33	23 9	0 3	21 42
F 5	16 10	4 4	4 23	14 25	0 39	22 46	0 48	21 19	0 29	14 45	0 56	20 20	1 33	23 9	0 3	21 42
S 6	16 27	0 9	3 41	15 14	0 29	22 59	0 51	21 27	0 29	14 49	0 56	20 21	1 33	23 9	0 3	21 42
S 7	16 44	3s45	2 49	16 2	0 19	23 11	0 54	21 35	0 30	14 53	0 56	20 23	1 33	23 9	0 3	21 42
M 8	17 0	7 30	1 50	16 49	0 8	23 22	0 56	21 43	0 31	14 58	0 56	20 24	1 32	23 9	0 3	21 41
T 9	17 16	10 57	0 47	17 35	0n 2	23 33	0 59	21 51	0 31	15 2	0 56	20 25	1 32	23 9	0 3	21 41
W10	17 32	13 59	0n18	18 20	0 13	23 44	1 1	21 59	0 32	15 6	0 56	20 26	1 32	23 9	0 3	21 41
T 11	17 48	16 27	1 24	19 3	0 24	23 53	1 4	22 6	0 32	15 11	0 56	20 27	1 32	23 9	0 3	21 41
F 12	18 3	18 13	2 26	19 45	0 34	24 2	1 6	22 13	0 33	15 15	0 56	20 29	1 32	23 8	0 3	21 41
S 13	18 18	19 10	3 22	20 25	0 44	24 10	1 8	22 20	0 33	15 19	0 56	20 30	1 32	23 8	0 4	21 41
S 14	18 33	19 13	4 9	21 3	0 54	24 18	1 11	22 27	0 34	15 23	0 56	20 31	1 32	23 8	0 4	21 41
M15	18 47	18 19	4 45	21 38	1 4	24 24	1 13	22 34	0 34	15 28	0 56	20 32	1 32	23 8	0 4	21 41
T 16	19 1	16 29	5 8	22 12	1 13	24 31	1 15	22 40	0 35	15 32	0 56	20 33	1 32	23 8	0 4	21 40
W17	19 15	13 46	5 15	22 43	1 22	24 36	1 18	22 46	0 35	15 36	0 56	20 34	1 31	23 8	0 4	21 40
T 18	19 29	10 17	5 6	23 11	1 31	24 41	1 20	22 52	0 36	15 40	0 56	20 36	1 31	23 8	0 4	21 40
F 19	19 42	6 12	4 39	23 37	1 38	24 45	1 22	22 58	0 36	15 44	0 56	20 37	1 31	23 7	0 4	21 40
S 20	19 54	1 40	3 55	24 1	1 45	24 48	1 24	23 3	0 37	15 48	0 56	20 38	1 31	23 7	0 4	21 40
S 21	20 7	3n 3	2 56	24 21	1 52	24 51	1 26	23 9	0 37	15 52	0 56	20 39	1 31	23 7	0 4	21 40
M22	20 19	7 41	1 45	24 40	1 58	24 53	1 28	23 14	0 38	15 56	0 55	20 40	1 31	23 7	0 4	21 39
T 23	20 31	11 56	0 25	24 55	2 2	24 54	1 30	23 19	0 38	16 0	0 55	20 41	1 31	23 7	0 4	21 39
W24	20 42	15 27	0s56	25 8	2 7	24 54	1 32	23 23	0 39	16 4	0 55	20 42	1 31	23 7	0 4	21 39
T 25	20 53	17 56	2 14	25 19	2 10	24 54	1 34	23 28	0 39	16 8	0 55	20 43	1 31	23 7	0 4	21 39
F 26	21 4	19 12	3 22	25 27	2 13	24 53	1 36	23 32	0 40	16 12	0 55	20 44	1 31	23 6	0 4	21 39
S 27	21 14	19 9	4 15	25 33	2 14	24 51	1 38	23 36	0 40	16 16	0 55	20 46	1 31	23 6	0 4	21 38
S 28	21 24	17 55	4 51	25 37	2 15	24 49	1 39	23 40	0 41	16 20	0 55	20 47	1 30	23 6	0 4	21 38
M29	21 33	15 41	5 10	25 39	2 15	24 46	1 41	23 43	0 41	16 24	0 55	20 48	1 30	23 6	0 4	21 38
T 30	21 43	12 41	5 11	25 39	2 15	24 42	1 43	23 47	0 41	16 27	0 55	20 49	1 30	23 6	0 4	21 38
W31	21n51	9n10	4s57	25n37	2n13	24n37	1n44	23n50	0n42	16n31	0s55	20n50	1s30	23s 6	0s 4	21n38

Julian Day Number = 2538227.5, Delta T = 204.19 sec
Ecliptic obliquity = 23°24'23, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°03'26, Lahiri = 27°10'26

ASTRODIENST EPHEMERIS for the year 2237

geocentric

JUNE 2237

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 35	10 ^{II} 32'27	5 ^{III} 25	2 ^{III} 39	12 ^{III} 50	22 ^{II} 14	19 ^{II} 6	13 ^{II} 5	19 ^R 58	16 ^{III} 32	16 ^R 42	4 ^D 24	3 ^{III} 15	23 ^{III} 32	29 ^{II} 38	T 1
F 2	16 41 32	11°30'03	17°35	3°58	14° 2	22°55	19°20	13°13	19 ^{II} 56	16°33	16 ^{III} 40	4 ^{III} 24	3°12	23°38	29°43	F 2
S 3	16 45 29	12°27'36	29°33	5°15	15°13	23°36	19°33	13°21	19°53	16°35	16°39	4°25	3° 9	23°45	29°49	S 3
S 4	16 49 25	13°25'09	11 ^{II} 23	6°28	16°25	24°17	19°47	13°29	19°51	16°37	16°37	4°27	3° 6	23°51	29°54	S 4
M 5	16 53 22	14°22'40	23°10	7°37	17°36	24°57	20° 1	13°36	19°48	16°39	16°36	4°28	3° 2	23°58	29°59	M 5
T 6	16 57 18	15°20'10	5 ^{III} 0	8°43	18°48	25°38	20°14	13°44	19°46	16°41	16°34	4°R29	2°59	24° 5	0 ^{III} 5	T 6
W 7	17 1 15	16°17'39	16°55	9°46	19°59	26°19	20°28	13°52	19°43	16°43	16°33	4°28	2°56	24°11	0°10	W 7
T 8	17 5 11	17°15'07	28°59	10°45	21°10	26°59	20°41	14° 0	19°41	16°45	16°32	4°25	2°53	24°18	0°15	T 8
F 9	17 9 8	18°12'34	11 ^{II} 14	11°39	22°21	27°40	20°55	14° 8	19°38	16°47	16°30	4°21	2°50	24°25	0°21	F 9
S 10	17 13 4	19° 9'59	23°42	12°31	23°32	28°21	21° 8	14°15	19°36	16°49	16°29	4°14	2°47	24°31	0°26	S 10
S 11	17 17 1	20° 7'24	6 ^{III} 24	13°18	24°43	29° 1	21°22	14°23	19°33	16°51	16°28	4° 7	2°43	24°38	0°32	S 11
M12	17 20 58	21° 4'48	19°19	14° 1	25°54	29°42	21°35	14°31	19°31	16°53	16°26	3°59	2°40	24°45	0°37	M12
T 13	17 24 54	22° 2'12	2 ^{III} 28	14°40	27° 5	0 ^{III} 22	21°49	14°39	19°29	16°55	16°25	3°51	2°37	24°51	0°43	T 13
W14	17 28 51	22°59'34	15°49	15°15	28°15	1° 2	22° 2	14°46	19°26	16°57	16°24	3°45	2°34	24°58	0°48	W14
T 15	17 32 47	23°56'57	29°23	15°46	29°26	1°43	22°15	14°54	19°24	16°59	16°22	3°40	2°31	25° 5	0°54	T 15
F 16	17 36 44	24°54'18	13 ^{II} 8	16°12	0 ^{III} 37	2°23	22°28	15° 2	19°21	17° 1	16°21	3°38	2°27	25°11	0°59	F 16
S 17	17 40 40	25°51'39	27° 5	16°34	1°47	3° 3	22°41	15°10	19°19	17° 4	16°20	3°D37	2°24	25°18	1° 5	S 17
S 18	17 44 37	26°49'00	11 ^{II} 12	16°51	2°58	3°44	22°54	15°17	19°16	17° 6	16°19	3°38	2°21	25°25	1°10	S 18
M19	17 48 33	27°46'20	25°29	17° 4	4° 8	4°24	23° 7	15°25	19°14	17° 8	16°18	3°38	2°18	25°31	1°16	M19
T 20	17 52 30	28°43'40	9 ^{III} 54	17°13	5°18	5° 4	23°20	15°33	19°11	17°10	16°16	3°R39	2°15	25°38	1°21	T 20
W21	17 56 27	29°41'00	24°23	17°R16	6°29	5°44	23°33	15°40	19° 9	17°12	16°15	3°37	2°12	25°44	1°27	W21
T 22	18 0 23	0 ^{III} 38'20	8 ^{II} 53	17°16	7°39	6°25	23°46	15°48	19° 7	17°14	16°14	3°33	2° 8	25°51	1°32	T 22
F 23	18 4 20	1°35'39	23°17	17°10	8°49	7° 5	23°59	15°56	19° 4	17°16	16°13	3°26	2° 5	25°58	1°38	F 23
S 24	18 8 16	2°32'57	7 ^{III} 29	17° 1	9°59	7°45	24°11	16° 3	19° 2	17°19	16°12	3°18	2° 2	26° 4	1°43	S 24
S 25	18 12 13	3°30'15	21°25	16°47	11° 9	8°25	24°24	16°11	18°59	17°21	16°11	3° 8	1°59	26°11	1°49	S 25
M26	18 16 9	4°27'33	5 ^{III} 0	16°29	12°19	9° 5	24°37	16°18	18°57	17°23	16°10	2°59	1°56	26°18	1°54	M26
T 27	18 20 6	5°24'49	18°11	16° 8	13°29	9°45	24°49	16°26	18°55	17°25	16° 9	2°50	1°53	26°24	2° 0	T 27
W28	18 24 3	6°22'06	1 ^{III} 0	15°43	14°38	10°25	25° 2	16°33	18°52	17°27	16° 8	2°43	1°49	26°31	2° 5	W28
T 29	18 27 59	7°19'21	13°28	15°15	15°48	11° 4	25°14	16°41	18°50	17°29	16° 7	2°38	1°46	26°38	2°11	T 29
F 30	18 31 56	8 ^{III} 16'36	25 ^{III} 39	14 ^{III} 44	16 ^{III} 57	11 ^{III} 44	25 ^{III} 26	16 ^{II} 48	18 ^{II} 48	17 ^{III} 32	16 ^{III} 7	2 ^{III} 35	1 ^{III} 43	26 ^{III} 44	2 ^{III} 17	F 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
T 1	22n 0	5n21	4s28	25n34	2n11	24n32	1n45	23n53	0n42	16n35	0s55	20n51	1s30	23s 5	0s 4	21n38	0s46	1s13	16n14	12s58	12s35	9s56	17n50	5s34	17s 50
F 2	22 8	1 24	3 48	25 28	2 8	24 26	1 47	23 56	0 43	16 39	0 55	20 52	1 30	23 5	0 4	21 37	0 46	1 12	16 13	12 58	12 34	9 58	17 50	5 34	17s 50
S 3	22 15	2s33	2 59	25 22	2 3	24 20	1 48	23 58	0 43	16 42	0 55	20 53	1 30	23 5	0 4	21 37	0 46	1 12	16 13	12 59	12 33	9 59	17 50	5 34	17s 50
S 4	22 23	6 23	2 3	25 13	1 59	24 12	1 49	24 1	0 44	16 46	0 55	20 54	1 30	23 5	0 4	21 37	0 46	1 12	16 13	12 59	12 32	10 1	17 50	5 34	17s 50
M 5	22 30	9 56	1 1	25 4	1 53	24 5	1 51	24 3	0 44	16 50	0 55	20 55	1 30	23 5	0 4	21 37	0 46	1 12	16 12	13 0	12 31	10 3	17 50	5 34	17s 50
T 6	22 36	13 7	0n 3	24 53	1 46	23 56	1 52	24 5	0 45	16 53	0 55	20 56	1 30	23 4	0 4	21 36	0 46	1 12	16 12	13 0	12 29	10 4	17 50	5 34	17s 50
W 7	22 42	15 47	1 7	24 42	1 39	23 47	1 53	24 6	0 45	16 57	0 55	20 57	1 30	23 4	0 4	21 36	0 46	1 12	16 12	13 0	12 28	10 6	17 50	5 34	17s 50
T 8	22 48	17 48	2 9	24 29	1 31	23 37	1 54	24 8	0 45	17 1	0 55	20 58	1 30	23 4	0 4	21 36	0 46	1 12	16 12	12 59	12 27	10 7	17 50	5 34	17s 50
F 9	22 53	19 1	3 6	24 15	1 22	23 26	1 54	24 9	0 46	17 4	0 55	20 59	1 30	23 4	0 4	21 36	0 46	1 12	16 11	12 57	12 26	10 9	17 50	5 34	17s 50
S 10	22 58	19 21	3 55	24 1	1 12	23 15	1 55	24 10	0 46	17 8	0 55	21 0	1 30	23 4	0 4	21 36	0 46	1 12	16 11	12 55	12 25	10 11	17 50	5 34	17s 50
S 11	23 2	18 42	4 33	23 46	1 2	23 3	1 56	24 11	0 47	17 11	0 55	21 1	1 29	23 4	0 4	21 35	0 46	1 12	16 10	12 52	12 24	10 12	17 50	5 34	17s 50
M12	23 6	17 6	4 58	23 30	0 51	22 51	1 56	24 11	0 47	17 15	0 55	21 2	1 29	23 3	0 4	21 35	0 46	1 12	16 10	12 50	12 23	10 14	17 50	5 34	17s 50
T 13	23 10	14 35	5 8	23 14	0 39	22 38	1 57	24 12	0 47	17 18	0 55	21 3	1 29	23 3	0 4	21 35	0 46	1 12	16 10	12 47	12 22	10 16	17 50	5 34	17s 50
W14	23 13	11 16	5 1	22 58	0 26	22 24	1 57	24 12	0 48	17 21	0 55	21 4	1 29	23 3	0 4	21 35	0 46	1 12	16 9	12 45	12 21	10 17	17 50	5 34	17s 50
T 15	23 16	7 20	4 38	22 41	0 13	22 10	1 58	24 12	0 48	17 25	0 55	21 4	1 29	23 3	0 4	21 34	0 46	1 12	16 9	12 43	12 20	10 19	17 50	5 34	17s 50
F 16	23 18	2 57	3 58	22 24	0s 1	21 55	1 58	24 12	0 49	17 28	0 56	21 5	1 29	23 3	0 4	21 34	0 46	1 12	16 9	12 43	12 19	10 20	17 50	5 34	17s 50
S 17	23 20	1n39	3 4	22 7	0 16	21 39	1 58	24 11	0 49	17 31	0 56	21 6	1 29	23 2	0 4	21 34	0 46	1 12	16 8	12 42	12 17	10 22	17 50	5 34	17s 50
S 18	23 22	6 14	1 58	21 50	0 31	21 23	1 58	24 11	0 49	17 35	0 56	21 7	1 29	23 2	0 4	21 34	0 46	1 12	16 8	12 43	12 16	10 24	17 50	5 34	17s 50
M19	23 23	10 31	0 44	21 33	0 46	21 7	1 58	24 10	0 50	17 38	0 56	21 8	1 29	23 2	0 4	21 33	0 46	1 12	16 7	12 43	12 15	10 25	17 50	5 34	17s 50
T 20	23 24	14 14	0s34	21 16	1 2	20 50	1 58	24 9	0 50	17 41	0 56	21 9	1 29	23 2	0 4	21 33	0 46	1 12	16 7	12 43	12 14	10 27	17 50	5 34	17s 50
W21	23 24	17 5	1 49	21 0	1 19	20 32	1 58	24 7	0 51	17 44	0 56	21 10	1 29	23 2	0 4	21 33	0 46	1 12	16 7	12 42	12 13	10 28	17 50	5 34	17s 50
T 22	23 24	18 50	2 57	20 43	1 35	20 14	1 58	24 6	0 51	17 47	0 56	21 10	1 29	23 2	0 4	21 33	0 46	1 13	16 6	12 41	12 12	10 30	17 50	5 34	17s 50
F 23	23 24	19 21	3 54	20 27	1 52	19 55	1 57	24 4	0 51	17 50	0 56	21 11	1 29	23 1	0 4	21 32	0 46	1 13	16 6	12 39	12 11	10 32	17 50	5 34	17s 50
S 24	23 23	18 37	4 35	20 12	2 8	19 36	1 57	24 2	0 52	17 54	0 56	21 12	1 29	23 1	0 4	21 32	0 45	1 13	16 5	12 36	12 10	10 33	17 49	5 34	17s 50
S 25	23 22	16 47	4 58	19 57	2 25	19 16	1 56	24 0	0 52	17 57	0 56	21 13	1 29	23 1	0 4	21 32	0 45	1 13	16 5	12 33	12 9	10 35	17 49	5 34	17s 50
M26	23 20	14 4	5 4	19 43	2 41	18 56	1 56	23 58	0 52	18 0	0 56	21 14	1 29	23 1	0 4	21 32	0 45	1 13	16 4	12 29	12 8	10 36	17 49	5 34	17s 50
T 27	23 18	10 41	4 54	19 30	2 57	18 36	1 55	23 56	0 53	18 3	0 56	21 14	1 29	23 1	0 4	21 31	0 45	1 13	16 4	12 26	12 7	10 38	17 49	5 35	17s 50
W28	23 15	6 55	4 29	19 18	3 13	18 14	1 54	23 53	0 53	18 6	0 56	21 15	1 29	23 0	0 4	21 31	0 45	1 14	16 3	12 24	12 5	10 40	17 49	5 35	17s 50
T 29	23 12	2 56	3 51	19 6	3 27	17 53	1 53	23 50	0 53	18 8	0 56	21 16	1 29	23 0	0 4	21 31	0 45	1 14	16 3	12 22	12 4	10 41	17 49	5 35	17s 50
F 30	23n 9	1s 5	3s 4	18n56	3s41	17n31	1n52	23n47	0n54	18n11	0s56	21n17	1s29	23s 0	0s 4	21n31	0s45	1s14	16n 2	12s21	12s 3	10s43	17n48	5s35	17s 50

ASTRODIENST EPHEMERIS for the year 2237
geocentric

JULY 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 52	9♉13'51	7♊37	14°R11	18♌ 7	12♍24	25♎38	16♏56	18°R45	17♐34	16°R 6	2°D34	1♑40	26♒51	2♓22	S 1
S 2	18 39 49	10°11'04	19°28	13♉37	19°16	13° 4	25°50	17° 3	18♎43	17°36	16♌ 5	2♌35	1°37	26°58	2°28	S 2
M 3	18 43 45	11° 8'18	1♑16	13° 1	20°25	13°44	26° 3	17°11	18°41	17°38	16° 4	2°R35	1°33	27° 4	2°33	M 3
T 4	18 47 42	12° 5'31	13° 7	12°25	21°34	14°23	26°15	17°18	18°39	17°41	16° 3	2°35	1°30	27°11	2°39	T 4
W 5	18 51 38	13° 2'43	25° 7	11°49	22°43	15° 3	26°26	17°25	18°37	17°43	16° 3	2°32	1°27	27°17	2°44	W 5
T 6	18 55 35	13°59'56	7♎18	11°14	23°52	15°43	26°38	17°32	18°34	17°45	16° 2	2°28	1°24	27°24	2°50	T 6
F 7	18 59 32	14°57'08	19°45	10°41	25° 1	16°22	26°50	17°40	18°32	17°47	16° 1	2°21	1°21	27°31	2°55	F 7
S 8	19 3 28	15°54'20	2♓28	10° 9	26° 9	17° 2	27° 2	17°47	18°30	17°49	16° 1	2°11	1°18	27°37	3° 0	S 8
S 9	19 7 25	16°51'32	15°29	9°40	27°18	17°42	27°13	17°54	18°28	17°52	16° 0	2° 0	1°14	27°44	3° 6	S 9
M10	19 11 21	17°48'43	28°47	9°14	28°26	18°21	27°25	18° 1	18°26	17°54	16° 0	1°48	1°11	27°51	3°11	M10
T 11	19 15 18	18°45'55	12♋20	8°51	29°35	19° 1	27°36	18° 8	18°24	17°56	15°59	1°37	1° 8	27°57	3°17	T 11
W12	19 19 14	19°43'07	26° 4	8°33	0♑43	19°40	27°47	18°15	18°22	17°58	15°58	1°27	1° 5	28° 4	3°22	W12
T 13	19 23 11	20°40'19	9♎57	8°18	1°51	20°19	27°59	18°22	18°20	18° 1	15°58	1°20	1° 2	28°11	3°28	T 13
F 14	19 27 7	21°37'32	23°56	8° 8	2°59	20°59	28°10	18°29	18°18	18° 3	15°58	1°15	0°59	28°17	3°33	F 14
S 15	19 31 4	22°34'45	8♏ 0	8°D 4	4° 7	21°38	28°21	18°36	18°16	18° 5	15°57	1°13	0°55	28°24	3°38	S 15
S 16	19 35 1	23°31'58	22° 6	8° 4	5°14	22°18	28°32	18°43	18°14	18° 7	15°57	1°13	0°52	28°31	3°44	S 16
M17	19 38 57	24°29'12	6♊14	8° 9	6°22	22°57	28°43	18°50	18°12	18°10	15°56	1°13	0°49	28°37	3°49	M17
T 18	19 42 54	25°26'27	20°23	8°20	7°29	23°36	28°53	18°57	18°11	18°12	15°56	1°12	0°46	28°44	3°54	T 18
W19	19 46 50	26°23'42	4♑31	8°36	8°36	24°15	29° 4	19° 4	18° 9	18°14	15°56	1° 9	0°43	28°51	4° 0	W19
T 20	19 50 47	27°20'57	18°36	8°57	9°44	24°55	29°15	19°11	18° 7	18°16	15°56	1° 4	0°39	28°57	4° 5	T 20
F 21	19 54 43	28°18'14	2♓35	9°25	10°51	25°34	29°25	19°17	18° 5	18°18	15°55	0°56	0°36	29° 4	4°10	F 21
S 22	19 58 40	29°15'31	16°24	9°57	11°57	26°13	29°35	19°24	18° 4	18°21	15°55	0°45	0°33	29°10	4°15	S 22
S 23	20 2 36	0♑12'48	29°59	10°35	13° 4	26°52	29°46	19°30	18° 2	18°23	15°55	0°33	0°30	29°17	4°21	S 23
M24	20 6 33	1°10'05	13♌19	11°18	14°11	27°31	29°56	19°37	18° 1	18°25	15°55	0°21	0°27	29°24	4°26	M24
T 25	20 10 30	2° 7'23	26°20	12° 7	15°17	28°11	0♑ 6	19°43	17°59	18°27	15°55	0° 9	0°24	29°30	4°31	T 25
W26	20 14 26	3° 4'42	9♑ 2	13° 1	16°23	28°50	0°16	19°50	17°57	18°29	15°55	29♒59	0°20	29°37	4°36	W26
T 27	20 18 23	4° 2'01	21°26	14° 0	17°29	29°29	0°25	19°56	17°56	18°32	15°D55	29°52	0°17	29°44	4°41	T 27
F 28	20 22 19	4°59'20	3♒35	15° 5	18°35	0♑ 8	0°35	20° 3	17°55	18°34	15°55	29°48	0°14	29°50	4°46	F 28
S 29	20 26 16	5°56'39	15°32	16°14	19°41	0°47	0°45	20° 9	17°53	18°36	15°55	29°46	0°11	29°57	4°51	S 29
S 30	20 30 12	6°53'59	27°22	17°28	20°47	1°26	0°54	20°15	17°52	18°38	15°55	29°D45	0° 8	0♑ 4	4°56	S 30
M31	20 34 9	7♌51'19	9♑10	18♒48	21♑52	2♑ 5	1♑ 3	20♑21	17♎51	18♒40	15♑55	29°R45	0♑ 5	0♑10	5♓ 1	M31

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
S 1	23n 5	5s 0	2s 9	18n46	3s54	17n 9	1n51	23n44	0n54	18n14	0s56	21n17	1s29	23s 0	0s 4	21n30	0s45	1s14	16n 2	12s21	12s 2	10s44	17n48	5s35	
S 2	23 1	8 41	1 10	18 38	4 6	16 46	1 50	23 40	0 55	18 17	0 56	21 18	1 29	23 0	0 4	21 30	0 45	1 15	16 1	12 21	12 1	10 46	17 48	5 35	
M 3	22 56	12 1	0 7	18 31	4 17	16 23	1 49	23 37	0 55	18 20	0 56	21 19	1 29	22 59	0 4	21 30	0 45	1 15	16 1	12 21	12 0	10 48	17 48	5 35	
T 4	22 51	14 52	0n56	18 25	4 26	15 59	1 47	23 33	0 55	18 23	0 56	21 20	1 29	22 59	0 4	21 29	0 45	1 15	16 0	12 21	11 59	10 49	17 47	5 35	
W 5	22 46	17 7	1 57	18 20	4 34	15 35	1 46	23 29	0 56	18 25	0 56	21 20	1 29	22 59	0 4	21 29	0 45	1 15	16 0	12 20	11 58	10 51	17 47	5 35	
T 6	22 40	18 39	2 54	18 17	4 40	15 11	1 44	23 24	0 56	18 28	0 56	21 21	1 29	22 59	0 4	21 29	0 45	1 16	15 59	12 19	11 57	10 52	17 47	5 36	
F 7	22 34	19 18	3 43	18 15	4 45	14 46	1 42	23 20	0 56	18 31	0 56	21 22	1 29	22 59	0 4	21 29	0 45	1 16	15 59	12 16	11 56	10 54	17 47	5 36	
S 8	22 28	19 1	4 22	18 14	4 48	14 21	1 40	23 15	0 56	18 33	0 56	21 22	1 29	22 59	0 4	21 28	0 45	1 16	15 58	12 13	11 54	10 55	17 46	5 36	
S 9	22 21	17 43	4 49	18 14	4 50	13 56	1 38	23 11	0 57	18 36	0 56	21 23	1 29	22 58	0 4	21 28	0 45	1 17	15 58	12 9	11 53	10 57	17 46	5 36	
M10	22 13	15 28	5 1	18 16	4 50	13 30	1 36	23 6	0 57	18 38	0 56	21 24	1 29	22 58	0 4	21 28	0 45	1 17	15 57	12 5	11 52	10 58	17 46	5 36	
T 11	22 6	12 20	4 56	18 19	4 49	13 5	1 34	23 0	0 57	18 41	0 56	21 24	1 29	22 58	0 4	21 27	0 45	1 17	15 57	12 1	11 51	11 0	17 46	5 36	
W12	21 58	8 30	4 34	18 23	4 46	12 38	1 32	22 55	0 58	18 43	0 57	21 25	1 29	22 58	0 4	21 27	0 45	1 18	15 56	11 58	11 50	11 2	17 45	5 37	
T 13	21 49	4 11	3 56	18 28	4 41	12 12	1 30	22 50	0 58	18 46	0 57	21 25	1 29	22 58	0 4	21 27	0 45	1 18	15 56	11 55	11 49	11 3	17 45	5 37	
F 14	21 40	0n25	3 4	18 34	4 36	11 45	1 27	22 44	0 58	18 48	0 57	21 26	1 29	22 58	0 4	21 27	0 45	1 19	15 55	11 54	11 48	11 5	17 45	5 37	
S 15	21 31	5 0	2 0	18 41	4 29	11 18	1 25	22 38	0 59	18 51	0 57	21 27	1 29	22 57	0 4	21 26	0 45	1 19	15 55	11 53	11 47	11 6	17 44	5 37	
S 16	21 22	9 20	0 48	18 50	4 21	10 51	1 22	22 32	0 59	18 53	0 57	21 27	1 29	22 57	0 4	21 26	0 45	1 19	15 54	11 53	11 46	11 8	17 44	5 37	
M17	21 12	13 10	0s27	18 58	4 12	10 23	1 19	22 26	0 59	18 55	0 57	21 28	1 29	22 57	0 4	21 26	0 45	1 20	15 54	11 53	11 45	11 9	17 44	5 38	
T 18	21 1	16 13	1 40	19 8	4 1	9 56	1 16	22 19	1 0	18 57	0 57	21 28	1 29	22 57	0 4	21 25	0 45	1 20	15 53	11 52	11 43	11 11	17 43	5 38	
W19	20 51	18 17	2 46	19 18	3 50	9 28	1 13	22 13	1 0	19 0	0 57	21 29	1 29	22 57	0 4	21 25	0 45	1 21	15 52	11 52	11 42	11 12	17 43	5 38	
T 20	20 40	19 13	3 43	19 28	3 39	9 0	1 10	22 6	1 0	19 2	0 57	21 29	1 29	22 57	0 4	21 25	0 45	1 21	15 52	11 50	11 41	11 14	17 42	5 38	
F 21	20 28	18 58	4 25	19 38	3 26	8 31	1 7	21 59	1 0	19 4	0 57	21 30	1 29	22 57	0 4	21 25	0 45	1 22	15 51	11 47	11 40	11 15	17 42	5 39	
S 22	20 17	17 35	4 51	19 49	3 13	8 3	1 4	21 52	1 1	19 6	0 57	21 30	1 29	22 56	0 4	21 24	0 45	1 22	15 51	11 43	11 39	11 17	17 42	5 39	
S 23	20 5	15 13	5 1	20 0	3 0	7 34	1 0	21 45	1 1	19 8	0 57	21 31	1 29	22 56	0 4	21 24	0 45	1 23	15 50	11 39	11 38	11 18	17 41	5 39	
M24	19 52	12 7	4 53	20 10	2 46	7 5	0 57	21 38	1 1	19 10	0 57	21 31	1 29	22 56	0 4	21 24	0 45	1 23	15 50	11 35	11 37	11 20	17 41	5 39	
T 25	19 40	8 29	4 30	20 20	2 32	6 37	0 53	21 30	1 1	19 12	0 57	21 32	1 29	22 56	0 4	21 23	0 45	1 24	15 49	11 31	11 36	11 21	17 40	5 40	
W26	19 27	4 33	3 54	20 29	2 18	6 7	0 50	21 22	1 2	19 14	0 58	21 32	1 29	22 56	0 4	21 23	0 45	1 24	15 49	11 27	11 35	11 23	17 40	5 40	
T 27	19 13	0 30	3 8	20 38	2 3	5 38	0 46	21 15	1 2	19 16	0 58	21 33	1 29	22 56	0 4	21 23	0 45	1 25	15 48	11 25	11 33	11 24	17 40	5 40	
F 28	19 0	3s28	2 14	20 46	1 48	5 9	0 42	21 7	1 2	19 18	0 58	21 33	1 29	22 56	0 4	21 23	0 45	1 25	15 47	11 23	11 32	11 26	17 39	5 40	
S 29	18 46	7 15	1 15	20 52	1 34	4 40	0 38	20 58	1 3	19 20	0 58	21 33	1 29	22 56	0 4	21 22	0 45	1 26	15 47	11 22	11 31	11 27	17 39	5 41	
S 30	18 31	10 43	0 13	20 58	1 19	4 10	0 34	20 50	1 3	19 22	0 58	21 34	1 29	22 55	0 4	21 22	0 45	1 27	15 46	11 22	11 30	11 29	17 38	5 41	
M31	18n17	13s45	0n50	21n 1	1s 5	3n41	0n30	20n42	1n 3	19n24	0s58	21n34	1s29	22s55	0s 4	21n22	0s45	1s27	15n46	11s22	11s29	11s30	17n38	5s41	

ASTRODIENST EPHEMERIS for the year 2237
geocentric

AUGUST 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 5	8♌48'40	21♍ 2	20♊12	22♍57	2♌44	1♏13	20♏27	17°R49	18♊42	15♍55	29°R45	0♍ 1	0♍17	5♊ 6	T 1
W 2	20 42 2	9°46'01	3♌ 4	21°40	24° 2	3°22	1°22	20°33	17♌48	18°44	15°55	29♏43	29♏58	0°24	5°11	W 2
T 3	20 45 59	10°43'23	15°19	23°13	25° 7	4° 1	1°31	20°39	17°47	18°46	15°56	29°39	29°55	0°30	5°16	T 3
F 4	20 49 55	11°40'45	27°53	24°50	26°11	4°40	1°40	20°45	17°46	18°49	15°56	29°32	29°52	0°37	5°21	F 4
S 5	20 53 52	12°38'08	10♊47	26°31	27°16	5°19	1°48	20°51	17°45	18°51	15°56	29°23	29°49	0°43	5°25	S 5
S 6	20 57 48	13°35'31	24° 3	28°16	28°20	5°58	1°57	20°57	17°44	18°53	15°57	29°13	29°45	0°50	5°30	S 6
M 7	21 1 45	14°32'56	7♌41	0♌ 4	29°24	6°37	2° 5	21° 2	17°43	18°55	15°57	29° 1	29°42	0°57	5°35	M 7
T 8	21 5 41	15°30'21	21°36	1°56	0♏27	7°15	2°14	21° 8	17°42	18°57	15°57	28°50	29°39	1° 3	5°40	T 8
W 9	21 9 38	16°27'47	5♌46	3°50	1°31	7°54	2°22	21°14	17°41	18°59	15°58	28°41	29°36	1°10	5°44	W 9
T 10	21 13 34	17°25'14	20° 4	5°46	2°34	8°33	2°30	21°19	17°40	19° 1	15°58	28°34	29°33	1°17	5°49	T 10
F 11	21 17 31	18°22'42	4♏26	7°44	3°37	9°11	2°38	21°24	17°39	19° 3	15°59	28°29	29°30	1°23	5°53	F 11
S 12	21 21 28	19°20'11	18°47	9°44	4°40	9°50	2°45	21°30	17°38	19° 5	15°59	28°27	29°26	1°30	5°58	S 12
S 13	21 25 24	20°17'42	3♌ 3	11°46	5°42	10°29	2°53	21°35	17°38	19° 7	16° 0	28°D27	29°23	1°37	6° 2	S 13
M14	21 29 21	21°15'14	17°13	13°48	6°44	11° 7	3° 1	21°40	17°37	19° 9	16° 0	28°R27	29°20	1°43	6° 7	M14
T 15	21 33 17	22°12'48	1♏16	15°51	7°46	11°46	3° 8	21°45	17°36	19°11	16° 1	28°27	29°17	1°50	6°11	T 15
W16	21 37 14	23°10'23	15°10	17°54	8°48	12°24	3°15	21°51	17°36	19°13	16° 2	28°25	29°14	1°57	6°16	W16
T 17	21 41 10	24° 7'59	28°56	19°58	9°49	13° 3	3°22	21°56	17°35	19°15	16° 3	28°21	29°11	2° 3	6°20	T 17
F 18	21 45 7	25° 5'37	12♊32	22° 1	10°50	13°42	3°29	22° 0	17°35	19°16	16° 3	28°14	29° 7	2°10	6°24	F 18
S 19	21 49 3	26° 3'16	25°56	24° 3	11°51	14°20	3°36	22° 5	17°34	19°18	16° 4	28° 5	29° 4	2°16	6°28	S 19
S 20	21 53 0	27° 0'57	9♌ 9	26° 5	12°51	14°59	3°42	22°10	17°34	19°20	16° 5	27°55	29° 1	2°23	6°32	S 20
M21	21 56 57	27°58'39	22° 7	28° 6	13°51	15°37	3°49	22°15	17°34	19°22	16° 6	27°45	28°58	2°30	6°37	M21
T 22	22 0 53	28°56'22	4♏52	0♏ 7	14°51	16°15	3°55	22°19	17°33	19°24	16° 7	27°35	28°55	2°36	6°41	T 22
W23	22 4 50	29°54'07	17°21	2° 6	15°50	16°54	4° 1	22°24	17°33	19°26	16° 7	27°27	28°51	2°43	6°45	W23
T 24	22 8 46	0♏51'52	29°36	4° 4	16°49	17°32	4° 7	22°28	17°33	19°27	16° 8	27°21	28°48	2°50	6°49	T 24
F 25	22 12 43	1°49'39	11♏39	6° 1	17°48	18°11	4°13	22°33	17°33	19°29	16° 9	27°17	28°45	2°56	6°52	F 25
S 26	22 16 39	2°47'27	23°33	7°56	18°46	18°49	4°18	22°37	17°33	19°31	16°10	27°D16	28°42	3° 3	6°56	S 26
S 27	22 20 36	3°45'17	5♍21	9°51	19°44	19°27	4°24	22°41	17°D33	19°33	16°11	27°16	28°39	3°10	7° 0	S 27
M28	22 24 32	4°43'07	17° 9	11°44	20°41	20° 6	4°29	22°45	17°33	19°34	16°12	27°17	28°36	3°16	7° 4	M28
T 29	22 28 29	5°40'59	29° 0	13°35	21°38	20°44	4°34	22°49	17°33	19°36	16°14	27°18	28°32	3°23	7° 7	T 29
W30	22 32 25	6°38'52	11♌ 1	15°26	22°35	21°22	4°39	22°53	17°33	19°38	16°15	27°R18	28°29	3°30	7°11	W30
T 31	22 36 22	7♏36'46	23♌16	17♏15	23♏31	22♌ 1	4♏44	22♏57	17♌33	19♏39	16♍16	27♏17	28♏26	3♍36	7♊15	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n 2	16s13	1n50	21n 4	0s50	3n11	0n25	20n33	1n 3	19n26	0s58	21n35	1s29	22s55	0s 4	21n21
W 2	17 47	18 1	2 47	21 4	0 36	2 41	0 21	20 24	1 4	19 27	0 58	21 35	1 29	22 55	0 4	21 21
T 3	17 31	19 0	3 37	21 2	0 23	2 11	0 16	20 15	1 4	19 29	0 58	21 35	1 29	22 55	0 4	21 21
F 4	17 16	19 6	4 18	20 59	0 9	1 42	0 12	20 6	1 4	19 31	0 58	21 36	1 30	22 55	0 4	21 21
S 5	17 0	18 13	4 46	20 52	0n 3	1 12	0 7	19 57	1 4	19 32	0 58	21 36	1 30	22 55	0 4	21 20
S 6	16 43	16 20	5 1	20 44	0 15	0 42	0 2	19 48	1 4	19 34	0 58	21 36	1 30	22 55	0 4	21 20
M 7	16 27	13 31	4 58	20 33	0 27	0 12	0s 2	19 38	1 5	19 36	0 59	21 37	1 30	22 55	0 4	21 20
T 8	16 10	9 53	4 39	20 19	0 38	0s18	0 7	19 29	1 5	19 37	0 59	21 37	1 30	22 55	0 4	21 19
W 9	15 53	5 38	4 2	20 3	0 48	0 47	0 12	19 19	1 5	19 39	0 59	21 37	1 30	22 54	0 4	21 19
T 10	15 36	1 2	3 9	19 44	0 57	1 17	0 18	19 9	1 5	19 40	0 59	21 38	1 30	22 54	0 4	21 19
F 11	15 18	3n39	2 4	19 22	1 6	1 47	0 23	18 59	1 6	19 42	0 59	21 38	1 30	22 54	0 4	21 19
S 12	15 0	8 8	0 51	18 58	1 14	2 17	0 28	18 49	1 6	19 43	0 59	21 38	1 30	22 54	0 4	21 18
S 13	14 42	12 8	0s25	18 32	1 21	2 46	0 33	18 39	1 6	19 44	0 59	21 39	1 30	22 54	0 4	21 18
M14	14 24	15 23	1 38	18 3	1 27	3 16	0 39	18 28	1 6	19 46	0 59	21 39	1 30	22 54	0 4	21 18
T 15	14 5	17 41	2 46	17 31	1 32	3 45	0 44	18 18	1 6	19 47	0 59	21 39	1 30	22 54	0 4	21 17
W16	13 46	18 54	3 42	16 58	1 36	4 15	0 50	18 7	1 7	19 48	0 59	21 39	1 30	22 54	0 4	21 17
T 17	13 28	18 59	4 25	16 23	1 39	4 44	0 56	17 57	1 7	19 50	1 0	21 40	1 30	22 54	0 4	21 17
F 18	13 8	17 57	4 53	15 46	1 42	5 13	1 1	17 46	1 7	19 51	1 0	21 40	1 30	22 54	0 4	21 17
S 19	12 49	15 57	5 4	15 7	1 44	5 43	1 7	17 35	1 7	19 52	1 0	21 40	1 30	22 54	0 4	21 16
S 20	12 29	13 9	4 58	14 27	1 45	6 12	1 13	17 24	1 7	19 53	1 0	21 40	1 30	22 54	0 4	21 16
M21	12 10	9 44	4 37	13 46	1 46	6 40	1 19	17 13	1 8	19 54	1 0	21 40	1 31	22 54	0 4	21 16
T 22	11 50	5 57	4 3	13 4	1 45	7 9	1 25	17 1	1 8	19 55	1 0	21 41	1 31	22 54	0 4	21 16
W23	11 29	1 58	3 17	12 20	1 44	7 38	1 31	16 50	1 8	19 56	1 0	21 41	1 31	22 54	0 4	21 15
T 24	11 9	2s 2	2 23	11 36	1 43	8 6	1 38	16 38	1 8	19 57	1 0	21 41	1 31	22 54	0 4	21 15
F 25	10 49	5 53	1 23	10 51	1 41	8 34	1 44	16 27	1 8	19 58	1 0	21 41	1 31	22 54	0 4	21 15
S 26	10 28	9 27	0 20	10 6	1 38	9 3	1 50	16 15	1 9	19 59	1 1	21 41	1 31	22 54	0 4	21 15
S 27	10 7	12 36	0n44	9 20	1 35	9 30	1 57	16 3	1 9	20 0	1 1	21 41	1 31	22 54	0 4	21 14
M28	9 46	15 15	1 45	8 34	1 31	9 58	2 3	15 51	1 9	20 1	1 1	21 42	1 31	22 54	0 4	21 14
T 29	9 25	17 16	2 43	7 47	1 27	10 26	2 10	15 39	1 9	20 2	1 1	21 42	1 31	22 54	0 4	21 14
W30	9 4	18 32	3 34	7 0	1 23	10 53	2 16	15 27	1 9	20 2	1 1	21 42	1 31	22 54	0 4	21 14
T 31	8n42	18s58	4n16	6n14	1n18	11s20	2s23	15n15	1n 9	20n 3	1s 1	21n42	1s31	22s54	0s 4	21n13

Julian Day Number = 2538319.5, Delta T = 204.50 sec
Ecliptic obliquity = 23°24'22", Nutation = 0°00'10", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°03'39", Lahiri = 27°10'39"

ASTRODIENST EPHEMERIS for the year 2237

geocentric

SEPTEMBER 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 19	8 ^h 34'42	5 ^h 51	19 ^h 3	24 ^h 27	22 ^h 39	4 ^h 49	23 ^h 0	17 ^h 34	19 ^h 41	16 ^h 17	27 ^h R13	28 ^h 23	3 ^h M43	7 ^h 18	F 1	
S 2	22 44 15	9°32'39	18°48	20°49	25°22	23°17	4°53	23° 4	17°34	19°43	16°18	27 ^h 8	28°20	3°50	7°22	S 2	
S 3	22 48 12	10°30'37	2 ^h 11	22°34	26°16	23°55	4°57	23° 8	17°34	19°44	16°19	27° 2	28°16	3°56	7°25	S 3	
M 4	22 52 8	11°28'36	15°59	24°18	27°10	24°34	5° 1	23°11	17°35	19°46	16°21	26°54	28°13	4° 3	7°28	M 4	
T 5	22 56 5	12°26'37	0 ^h 10	26° 0	28° 4	25°12	5° 5	23°14	17°35	19°47	16°22	26°47	28°10	4° 9	7°32	T 5	
W 6	23 0 1	13°24'40	14°40	27°42	28°57	25°50	5° 9	23°18	17°36	19°49	16°23	26°41	28° 7	4°16	7°35	W 6	
T 7	23 3 58	14°22'44	29°21	29°22	29°49	26°28	5°12	23°21	17°36	19°50	16°25	26°37	28° 4	4°23	7°38	T 7	
F 8	23 7 54	15°20'49	14 ^h 8	1 ^h 0	0 ^h M41	27° 6	5°16	23°24	17°37	19°52	16°26	26°34	28° 1	4°29	7°41	F 8	
S 9	23 11 51	16°18'57	28°52	2°38	1°32	27°44	5°19	23°27	17°37	19°53	16°28	26°D34	27°57	4°36	7°44	S 9	
S 10	23 15 48	17°17'07	13 ^h 28	4°14	2°22	28°22	5°22	23°30	17°38	19°54	16°29	26°35	27°54	4°43	7°47	S 10	
M11	23 19 44	18°15'18	27°51	5°50	3°12	29° 0	5°24	23°33	17°39	19°56	16°31	26°36	27°51	4°49	7°50	M11	
T 12	23 23 41	19°13'32	11 ^h 59	7°24	4° 1	29°39	5°27	23°35	17°40	19°57	16°32	26°37	27°48	4°56	7°53	T 12	
W13	23 27 37	20°11'48	25°51	8°57	4°49	0 ^h 17	5°29	23°38	17°41	19°58	16°34	26°R37	27°45	5° 3	7°55	W13	
T 14	23 31 34	21°10'06	9 ^h 27	10°28	5°37	0°55	5°32	23°40	17°41	20° 0	16°35	26°36	27°42	5° 9	7°58	T 14	
F 15	23 35 30	22°8'26	22°47	11°59	6°24	1°33	5°34	23°43	17°42	20° 1	16°37	26°33	27°38	5°16	8° 1	F 15	
S 16	23 39 27	23° 6'47	5 ^h 52	13°28	7° 9	2°11	5°35	23°45	17°43	20° 2	16°38	26°28	27°35	5°23	8° 3	S 16	
S 17	23 43 23	24° 5'11	18°44	14°56	7°55	2°49	5°37	23°47	17°44	20° 3	16°40	26°23	27°32	5°29	8° 6	S 17	
M18	23 47 20	25° 3'37	1 ^h 22	16°23	8°39	3°27	5°38	23°49	17°46	20° 4	16°42	26°18	27°29	5°36	8° 8	M18	
T 19	23 51 17	26° 2'05	13°48	17°49	9°22	4° 5	5°40	23°51	17°47	20° 6	16°43	26°13	27°26	5°42	8°10	T 19	
W20	23 55 13	27° 0'35	26° 2	19°14	10° 4	4°42	5°41	23°53	17°48	20° 7	16°45	26° 9	27°22	5°49	8°13	W20	
T 21	23 59 10	27°59'06	8 ^h 6	20°37	10°46	5°20	5°41	23°55	17°49	20° 8	16°47	26° 6	27°19	5°56	8°15	T 21	
F 22	0 3 6	28°57'40	20° 2	21°59	11°26	5°58	5°42	23°56	17°51	20° 9	16°49	26° 5	27°16	6° 2	8°17	F 22	
S 23	0 7 3	29°56'15	1 ^h M52	23°20	12° 5	6°36	5°42	23°58	17°52	20°10	16°50	26°D 5	27°13	6° 9	8°19	S 23	
S 24	0 10 59	0 ^h 54'52	13°39	24°40	12°43	7°14	5°43	23°59	17°53	20°11	16°52	26° 6	27°10	6°16	8°21	S 24	
M25	0 14 56	1°53'31	25°26	25°58	13°20	7°52	5°R43	24° 1	17°55	20°12	16°54	26° 7	27° 7	6°22	8°23	M25	
T 26	0 18 52	2°52'11	7 ^h 17	27°14	13°56	8°30	5°42	24° 2	17°56	20°13	16°56	26° 9	27° 3	6°29	8°24	T 26	
W27	0 22 49	3°50'54	19°17	28°30	14°30	9° 8	5°42	24° 3	17°58	20°14	16°58	26°10	27° 0	6°36	8°26	W27	
T 28	0 26 45	4°49'38	1 ^h 30	29°43	15° 3	9°45	5°41	24° 4	17°59	20°15	17° 0	26°R11	26°57	6°42	8°28	T 28	
F 29	0 30 42	5°48'23	14° 2	0 ^h M55	15°35	10°23	5°41	24° 5	18° 1	20°15	17° 2	26°11	26°54	6°49	8°29	F 29	
S 30	0 34 39	6 ^h 47'11	26 ^h 55	2 ^h M 5	16 ^h M 5	11 ^h 1	5 ^h 40	24 ^h 5	18 ^h 3	20 ^h 16	17 ^h M 4	26 ^h 10	26 ^h 51	6 ^h M56	8 ^h 31	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
F 1	8n21	18s29	4n48	5n27	1n13	11s47	2s29	15n 3	1n10	20n 4	1s 1	21n42	1s31	22s54	0s 4	21n13	0s45	1s50	15n28	10s28	10s53	12s17	17n19	5s54			
S 2	7 59	17 3	5 5	4 40	1 7	12 13	2 36	14 50	1 10	20 5	1 1	21 42	1 32	22 54	0 4	21 13	0 45	1 51	15 27	10 26	10 52	12 19	17 18	5 54			
S 3	7 37	14 39	5 7	3 53	1 1	12 39	2 43	14 38	1 10	20 5	1 1	21 42	1 32	22 54	0 4	21 13	0 45	1 52	15 27	10 24	10 51	12 20	17 18	5 55			
M 4	7 15	11 22	4 52	3 6	0 55	13 5	2 50	14 25	1 10	20 6	1 2	21 42	1 32	22 54	0 4	21 12	0 45	1 53	15 26	10 21	10 50	12 21	17 17	5 55			
T 5	6 53	7 22	4 18	2 20	0 49	13 31	2 57	14 13	1 10	20 6	1 2	21 42	1 32	22 54	0 4	21 12	0 45	1 54	15 26	10 19	10 49	12 23	17 16	5 56			
W 6	6 31	2 50	3 28	1 34	0 42	13 56	3 3	14 0	1 10	20 7	1 2	21 42	1 32	22 54	0 4	21 12	0 45	1 55	15 25	10 17	10 47	12 24	17 16	5 56			
T 7	6 8	1n55	2 22	0 48	0 36	14 22	3 10	13 47	1 11	20 7	1 2	21 43	1 32	22 54	0 4	21 12	0 45	1 55	15 25	10 15	10 46	12 26	17 15	5 57			
F 8	5 46	6 36	1 7	0 2	0 29	14 46	3 17	13 34	1 11	20 8	1 2	21 43	1 32	22 54	0 4	21 11	0 45	1 56	15 24	10 14	10 45	12 27	17 14	5 57			
S 9	5 24	10 52	0s13	0s43	0 21	15 11	3 24	13 21	1 11	20 8	1 2	21 43	1 32	22 54	0 4	21 11	0 45	1 57	15 24	10 14	10 44	12 28	17 14	5 58			
S 10	5 1	14 25	1 31	1 28	0 14	15 35	3 31	13 8	1 11	20 9	1 2	21 43	1 32	22 54	0 5	21 11	0 45	1 58	15 23	10 14	10 43	12 30	17 13	5 58			
M11	4 38	17 1	2 42	2 13	0 7	15 59	3 38	12 55	1 11	20 9	1 2	21 43	1 32	22 54	0 5	21 11	0 45	1 59	15 23	10 15	10 42	12 31	17 12	5 59			
T 12	4 16	18 31	3 42	2 57	0s 1	16 22	3 45	12 42	1 11	20 9	1 2	21 43	1 32	22 55	0 5	21 11	0 45	2 0	15 22	10 15	10 41	12 33	17 12	5 59			
W13	3 53	18 52	4 28	3 40	0 9	16 45	3 52	12 28	1 11	20 10	1 3	21 43	1 32	22 55	0 5	21 10	0 45	2 1	15 22	10 15	10 39	12 34	17 11	6 0			
T 14	3 30	18 7	4 58	4 23	0 16	17 8	3 59	12 15	1 12	20 10	1 3	21 43	1 33	22 55	0 5	21 10	0 45	2 1	15 21	10 15	10 38	12 35	17 10	6 0			
F 15	3 7	16 22	5 11	5 6	0 24	17 30	4 6	12 2	1 12	20 10	1 3	21 43	1 33	22 55	0 5	21 10	0 45	2 2	15 21	10 14	10 37	12 37	17 10	6 1			
S 16	2 44	13 48	5 8	5 48	0 32	17 52	4 13	11 48	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 10	0 45	2 3	15 20	10 12	10 36	12 38	17 9	6 1			
S 17	2 21	10 36	4 49	6 30	0 40	18 14	4 20	11 35	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 10	0 45	2 4	15 20	10 10	10 35	12 40	17 8	6 2			
M18	1 58	6 59	4 16	7 10	0 48	18 35	4 27	11 21	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 9	0 45	2 5	15 19	10 8	10 34	12 41	17 8	6 3			
T 19	1 34	3 7	3 31	7 51	0 56	18 55	4 34	11 7	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 9	0 46	2 6	15 19	10 6	10 33	12 42	17 7	6 3			
W20	1 11	0s50	2 38	8 30	1 4	19 16	4 41	10 54	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 9	0 46	2 7	15 18	10 5	10 31	12 44	17 6	6 4			
T 21	0 48	4 42	1 37	9 9	1 12	19 35	4 48	10 40	1 12	20 11	1 3	21 43	1 33	22 55	0 5	21 9	0 46	2 7	15 18	10 4	10 30	12 45	17 5	6 4			
F 22	0 25	8 20	0 33	9 47	1 20	19 55	4 55	10 26	1 12	20 11	1 4	21 43	1 33	22 56	0 5	21 9	0 46	2 8	15 18	10 3	10 29	12 46	17 5	6 5			
S 23	0 1	11 37	0n32	10 25	1 28	20 14	5 2	10 12	1 13	20 11	1 4	21 43	1 33	22 56	0 5	21 9	0 46	2 9	15 17	10 3	10 28	12 48	17 4	6 5			
S 24	0s22	14 24	1 35	11 1	1 35	20 32	5 9	9 58	1 13	20 11	1 4	21 43	1 34	22 56	0 5	21 8	0 46	2 10	15 17	10 4	10 27	12 49	17 3	6 6			
M25	0 45	16 35	2 35	11 37	1 43	20 50	5 15	9 44	1 13	20 11	1 4	21 43	1 34	22 56	0 5	21 8	0 46	2 11	15 16	10 4	10 26	12 50	17 3	6 6			
T 26	1 8	18 4	3 28	12 12	1 51	21 7	5 22	9 30	1 13	20 11	1 4	21 43	1 34	22 56	0 5	21 8	0 46	2 12	15 16	10 5	10 25	12 52	17 2	6 7			
W27	1 32	18 46	4 13	12 46	1 58	21 24	5 29	9 16	1 13	20 10	1 4	21 43	1 34	22 56	0 5	21 8	0 46	2 13	15 16	10 5	10 23	12 53	17 1	6 8			
T 28	1 55	18 36	4 48	13 19	2 6	21 40	5 35	9 2	1 13	20 10	1 4	21 43	1 34	22 56	0 5	21 8	0 46	2 14	15 15	10 6	10 22	12 55	17 1	6 8			
F 29	2 18	17 33	5 9	13 51	2 13	21 55	5 42	8 48	1 13	20 10	1 4	21 43	1 34	22 57	0 5	21 8	0 46	2 14	15 15	10 6	10 21	12 56	17 0	6 9			
S 30	2s41	15s34	5n16	14s22	2s20	22s10	5s48	8n33	1n13	20n10	1s 4	21n42	1s34	22s57	0s 5	21n 8	0s46	2s15	15n14	10s 5	10s20	12s57	16n59	6s 9			

ASTRODIENST EPHEMERIS for the year 2237
geocentric

OCTOBER 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 35	7♌46°00	10♏15	3♊13	16♊34	11♏39	5°R38	24♏6	18♏5	20♏17	17♊6	26°R 8	26♏47	7♊2	8♏32	S 1
M 2	0 42 32	8°44'51	24° 1	4°20	17° 1	12°17	5♏37	24° 7	18° 6	20°18	17° 8	26♏6	26°44	7° 9	8°34	M 2
T 3	0 46 28	9°43'43	8♏15	5°24	17°26	12°54	5°35	24° 7	18° 8	20°18	17°10	26° 3	26°41	7°16	8°35	T 3
W 4	0 50 25	10°42'37	22°52	6°25	17°50	13°32	5°34	24° 7	18°10	20°19	17°12	26° 1	26°38	7°22	8°36	W 4
T 5	0 54 21	11°41'33	7♏47	7°25	18°12	14°10	5°32	24° 8	18°12	20°20	17°14	26° 0	26°35	7°29	8°37	T 5
F 6	0 58 18	12°40'32	22°51	8°21	18°33	14°47	5°29	24°R 8	18°14	20°20	17°16	26°D 0	26°32	7°35	8°38	F 6
S 7	1 2 14	13°39'32	7♏57	9°15	18°51	15°25	5°27	24° 8	18°16	20°21	17°18	26° 0	26°28	7°42	8°39	S 7
S 8	1 6 11	14°38'34	22°55	10° 6	19° 8	16° 3	5°24	24° 8	18°18	20°21	17°20	26° 1	26°25	7°49	8°40	S 8
M 9	1 10 8	15°37'39	7♏38	10°53	19°22	16°40	5°22	24° 7	18°20	20°22	17°22	26° 1	26°22	7°55	8°41	M 9
T 10	1 14 4	16°36'46	22° 1	11°36	19°35	17°18	5°19	24° 7	18°22	20°22	17°24	26° 2	26°19	8° 2	8°41	T 10
W11	1 18 1	17°35'56	6♏1	12°15	19°45	17°56	5°16	24° 7	18°24	20°23	17°26	26° 3	26°16	8° 9	8°42	W11
T 12	1 21 57	18°35'07	19°38	12°50	19°54	18°33	5°12	24° 6	18°27	20°23	17°29	26°R 3	26°13	8°15	8°43	T 12
F 13	1 25 54	19°34'21	2♏52	13°20	20° 0	19°11	5° 9	24° 5	18°29	20°24	17°31	26° 3	26° 9	8°22	8°43	F 13
S 14	1 29 50	20°33'38	15°47	13°44	20° 4	19°48	5° 5	24° 5	18°31	20°24	17°33	26° 2	26° 6	8°29	8°43	S 14
S 15	1 33 47	21°32'56	28°24	14° 3	20°R 5	20°26	5° 1	24° 4	18°34	20°24	17°35	26° 2	26° 3	8°35	8°44	S 15
M16	1 37 43	22°32'17	10♏47	14°15	20° 5	21° 4	4°57	24° 3	18°36	20°25	17°37	26° 1	26° 0	8°42	8°44	M16
T 17	1 41 40	23°31'40	22°58	14°R21	20° 2	21°41	4°52	24° 2	18°38	20°25	17°40	26° 1	25°57	8°49	8°44	T 17
W18	1 45 37	24°31'05	4♏59	14°19	19°56	22°19	4°48	24° 0	18°41	20°25	17°42	26° 1	25°53	8°55	8°R44	W18
T 19	1 49 33	25°30'32	16°54	14° 9	19°48	22°56	4°43	23°59	18°43	20°25	17°44	26° 1	25°50	9° 2	8°44	T 19
F 20	1 53 30	26°30'02	28°44	13°52	19°38	23°34	4°38	23°58	18°46	20°25	17°47	26° 1	25°47	9° 9	8°44	F 20
S 21	1 57 26	27°29'33	10♏31	13°26	19°26	24°11	4°33	23°56	18°49	20°26	17°49	26° 0	25°44	9°15	8°44	S 21
S 22	2 1 23	28°29'06	22°19	12°51	19°11	24°49	4°28	23°55	18°51	20°26	17°51	26° 0	25°41	9°22	8°43	S 22
M23	2 5 19	29°28'42	4♏8	12° 8	18°53	25°26	4°23	23°53	18°54	20°26	17°53	26° 0	25°38	9°28	8°43	M23
T 24	2 9 16	0♏28'19	16° 2	11°16	18°33	26° 3	4°17	23°51	18°57	20°R26	17°56	25°59	25°34	9°35	8°42	T 24
W25	2 13 12	1°27'58	28° 4	10°17	18°12	26°41	4°12	23°49	18°59	20°26	17°58	25°59	25°31	9°42	8°42	W25
T 26	2 17 9	2°27'38	10♏18	9°11	17°47	27°18	4° 6	23°47	19° 2	20°26	18° 1	25°58	25°28	9°48	8°41	T 26
F 27	2 21 6	3°27'21	22°47	8° 0	17°21	27°56	4° 0	23°45	19° 5	20°26	18° 3	25°58	25°25	9°55	8°41	F 27
S 28	2 25 2	4°27'05	5♏36	6°46	16°53	28°33	3°54	23°43	19° 8	20°25	18° 5	25°D57	25°22	10° 2	8°40	S 28
S 29	2 28 59	5°26'51	18°47	5°30	16°24	29°10	3°48	23°40	19°11	20°25	18° 8	25°58	25°19	10° 8	8°39	S 29
M30	2 32 55	6°26'38	2♏23	4°15	15°52	29°48	3°41	23°38	19°13	20°25	18°10	25°58	25°15	10°15	8°38	M30
T 31	2 36 52	7♊26'27	16♏27	3♊3	15♊19	0♏25	3♏35	23♏35	19♏16	20♏25	18♊12	25♏59	25♏12	10♊22	8♏37	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
S 1	3s 5	12s43	5n 7	14s52	2s27	22s25	5s54	8n19	1n13	20n 9	1s 4	21n42	1s34	22s57	0s 5	21n 7
M 2	3 28	9 6	4 40	15 21	2 34	22 38	6 0	8 5	1 13	20 9	1 5	21 42	1 34	22 57	0 5	21 7
T 3	3 51	4 50	3 55	15 49	2 40	22 52	6 6	7 50	1 14	20 9	1 5	21 42	1 34	22 57	0 5	21 7
W 4	4 14	0 10	2 54	16 16	2 46	23 4	6 12	7 36	1 14	20 8	1 5	21 42	1 34	22 57	0 5	21 7
T 5	4 37	4n36	1 39	16 41	2 52	23 16	6 17	7 21	1 14	20 8	1 5	21 42	1 35	22 58	0 5	21 7
F 6	5 0	9 9	0 17	17 4	2 58	23 26	6 22	7 7	1 14	20 7	1 5	21 42	1 35	22 58	0 5	21 7
S 7	5 23	13 6	1s 6	17 27	3 3	23 37	6 28	6 53	1 14	20 7	1 5	21 42	1 35	22 58	0 5	21 7
S 8	5 46	16 9	2 24	17 47	3 8	23 46	6 32	6 38	1 14	20 6	1 5	21 42	1 35	22 58	0 5	21 7
M 9	6 9	18 5	3 31	18 6	3 12	23 54	6 37	6 23	1 14	20 6	1 5	21 42	1 35	22 58	0 5	21 7
T 10	6 31	18 47	4 24	18 24	3 16	24 2	6 41	6 9	1 14	20 5	1 5	21 42	1 35	22 59	0 5	21 6
W11	6 54	18 18	4 59	18 39	3 19	24 9	6 45	5 54	1 14	20 5	1 5	21 42	1 35	22 59	0 5	21 6
T 12	7 16	16 46	5 16	18 52	3 21	24 15	6 49	5 40	1 14	20 4	1 5	21 41	1 35	22 59	0 5	21 6
F 13	7 39	14 22	5 16	19 3	3 23	24 19	6 52	5 25	1 14	20 3	1 6	21 41	1 35	22 59	0 5	21 6
S 14	8 1	11 19	4 59	19 11	3 24	24 23	6 55	5 10	1 14	20 2	1 6	21 41	1 35	22 59	0 5	21 6
S 15	8 23	7 48	4 29	19 17	3 24	24 26	6 57	4 56	1 14	20 2	1 6	21 41	1 35	23 0	0 5	21 6
M16	8 45	4 2	3 36	19 19	3 23	24 28	6 59	4 41	1 14	20 1	1 6	21 41	1 35	23 0	0 5	21 6
T 17	9 7	0 8	2 54	19 19	3 21	24 28	7 1	4 26	1 14	20 0	1 6	21 41	1 36	23 0	0 5	21 6
W18	9 29	3s44	1 54	19 15	3 17	24 28	7 2	4 11	1 14	19 59	1 6	21 41	1 36	23 0	0 5	21 6
T 19	9 51	7 24	0 50	19 8	3 13	24 26	7 2	3 57	1 15	19 58	1 6	21 41	1 36	23 0	0 5	21 6
F 20	10 13	10 46	0n15	18 56	3 6	24 23	7 2	3 42	1 15	19 57	1 6	21 40	1 36	23 1	0 5	21 6
S 21	10 34	13 42	1 20	18 41	2 59	24 19	7 2	3 27	1 15	19 56	1 6	21 40	1 36	23 1	0 5	21 6
S 22	10 55	16 3	2 21	18 21	2 49	24 13	7 0	3 12	1 15	19 55	1 6	21 40	1 36	23 1	0 5	21 6
M23	11 16	17 43	3 17	17 57	2 38	24 6	6 58	2 57	1 15	19 54	1 6	21 40	1 36	23 1	0 5	21 6
T 24	11 37	18 38	4 4	17 29	2 24	23 58	6 56	2 43	1 15	19 53	1 6	21 40	1 36	23 2	0 5	21 6
W25	11 58	18 43	4 41	16 56	2 10	23 49	6 52	2 28	1 15	19 52	1 6	21 40	1 36	23 2	0 5	21 6
T 26	12 19	17 55	5 6	16 19	1 53	23 38	6 48	2 13	1 15	19 51	1 6	21 40	1 36	23 2	0 5	21 6
F 27	12 39	16 16	5 17	15 39	1 35	23 25	6 43	1 58	1 15	19 50	1 6	21 39	1 36	23 2	0 5	21 6
S 28	12 59	13 47	5 13	14 57	1 16	23 12	6 37	1 43	1 15	19 49	1 6	21 39	1 36	23 2	0 5	21 6
S 29	13 19	10 32	4 53	14 13	0 56	22 57	6 31	1 28	1 15	19 48	1 6	21 39	1 36	23 3	0 5	21 6
M30	13 39	6 37	4 16	13 28	0 35	22 40	6 23	1 14	1 15	19 47	1 6	21 39	1 36	23 3	0 5	21 6
T 31	13s59	2s14	3n23	12s44	0s14	22s23	6s15	0n59	1n15	19n45	1s 6	21n39	1s36	23s 3	0s 5	21n 6

Julian Day Number = 2538380.5, Delta T = 204.71 sec
Ecliptic obliquity = 23°24'22, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°03'47, Lahiri = 27°10'47

ASTRODIENST EPHEMERIS for the year 2237

geocentric

NOVEMBER 2237

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 48	8♍26°18	0♈56	1°R57	14°R45	1♌2	3°R28	23°R33	19♏19	20°R25	18♍15	26♏0	25♏9	10♍28	8°R36	W 1
T 2	2 44 45	9°26'11	15°47	0♍57	14♍10	1°40	3♌21	23♌30	19°22	20♏24	18°17	26°1	25°6	10°35	8♏35	T 2
F 3	2 48 41	10°26'05	0♌54	0°7	13°34	2°17	3°14	23°27	19°25	20°24	18°20	26°R 1	25°3	10°42	8°33	F 3
S 4	2 52 38	11°26'01	16°9	29♏27	12°58	2°54	3°7	23°24	19°28	20°24	18°22	26°0	24°59	10°48	8°32	S 4
S 5	2 56 34	12°25'59	1♌21	28°58	12°21	3°31	3°0	23°21	19°32	20°23	18°24	25°59	24°56	10°55	8°31	S 5
M 6	3 0 31	13°25'59	16°21	28°41	11°45	4°9	2°53	23°18	19°35	20°23	18°27	25°57	24°53	11°2	8°29	M 6
T 7	3 4 28	14°26'01	1♏1	28°D35	11°8	4°46	2°45	23°15	19°38	20°22	18°29	25°54	24°50	11°8	8°27	T 7
W 8	3 8 24	15°26'06	15°15	28°41	10°32	5°23	2°38	23°11	19°41	20°22	18°32	25°52	24°47	11°15	8°26	W 8
T 9	3 12 21	16°26'12	29°1	28°57	9°57	6°0	2°31	23°8	19°44	20°21	18°34	25°50	24°44	11°21	8°24	T 9
F 10	3 16 17	17°26'20	12♏20	29°24	9°23	6°37	2°23	23°5	19°47	20°21	18°37	25°D49	24°40	11°28	8°22	F 10
S 11	3 20 14	18°26'31	25°13	29°59	8°50	7°14	2°15	23°1	19°51	20°20	18°39	25°50	24°37	11°35	8°20	S 11
S 12	3 24 10	19°26'43	7♎46	0♍43	8°18	7°52	2°7	22°57	19°54	20°20	18°41	25°50	24°34	11°41	8°18	S 12
M13	3 28 7	20°26'58	20°0	1°34	7°48	8°29	2°0	22°54	19°57	20°19	18°44	25°52	24°31	11°48	8°16	M13
T 14	3 32 3	21°27'14	2♌2	2°32	7°20	9°6	1°52	22°50	20°0	20°18	18°46	25°54	24°28	11°55	8°14	T 14
W15	3 36 0	22°27'33	13°56	3°35	6°53	9°43	1°44	22°46	20°4	20°17	18°49	25°55	24°24	12°1	8°12	W15
T 16	3 39 57	23°27'53	25°44	4°44	6°29	10°20	1°36	22°42	20°7	20°17	18°51	25°R56	24°21	12°8	8°10	T 16
F 17	3 43 53	24°28'15	7♍31	5°56	6°7	10°57	1°28	22°38	20°11	20°16	18°53	25°55	24°18	12°15	8°7	F 17
S 18	3 47 50	25°28'39	19°19	7°13	5°47	11°34	1°19	22°34	20°14	20°15	18°56	25°53	24°15	12°21	8°5	S 18
S 19	3 51 46	26°29'05	1♏10	8°32	5°29	12°11	1°11	22°30	20°17	20°14	18°58	25°49	24°12	12°28	8°3	S 19
M20	3 55 43	27°29'32	13°6	9°54	5°14	12°48	1°3	22°26	20°21	20°13	19°1	25°44	24°9	12°35	8°0	M20
T 21	3 59 39	28°30'01	25°9	11°18	5°1	13°25	0°55	22°22	20°24	20°13	19°3	25°38	24°5	12°41	7°58	T 21
W22	4 3 36	29°30'31	7♏20	12°44	4°50	14°2	0°47	22°17	20°28	20°12	19°6	25°32	24°2	12°48	7°55	W22
T 23	4 7 32	0♏31°02	19°41	14°12	4°43	14°39	0°39	22°13	20°31	20°11	19°8	25°26	23°59	12°55	7°52	T 23
F 24	4 11 29	1°31'35	2♌15	15°41	4°37	15°16	0°30	22°8	20°35	20°10	19°10	25°21	23°56	13°1	7°49	F 24
S 25	4 15 26	2°32'09	15°4	17°11	4°34	15°53	0°22	22°4	20°38	20°9	19°13	25°18	23°53	13°8	7°47	S 25
S 26	4 19 22	3°32'45	28°10	18°42	4°D33	16°29	0°14	21°59	20°42	20°8	19°15	25°D16	23°50	13°15	7°44	S 26
M27	4 23 19	4°33'21	11♏37	20°13	4°35	17°6	0°6	21°55	20°45	20°7	19°17	25°17	23°46	13°21	7°41	M27
T 28	4 27 15	5°33'59	25°26	21°45	4°40	17°43	29♏58	21°50	20°49	20°6	19°20	25°18	23°43	13°28	7°38	T 28
W29	4 31 12	6°34'37	9♈37	23°18	4°46	18°20	29°50	21°46	20°52	20°4	19°22	25°19	23°40	13°35	7°35	W29
T 30	4 35 8	7♏35°17	24°Y11	24♍51	4♍55	18♏57	29♏42	21♌41	20♏56	20♏3	19♍25	25°R20	23♏37	13♍41	7♏31	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s18	2n26	2n15	12s 2	0n 6	22s 4	6s 6	0n44	1n15	19n44	1s 6	21n38	1s37	23s 3	0s 5	21n 6
T 2	14 37	7 4	0 57	11 24	0 25	21 44	5 57	0 29	1 15	19 43	1 6	21 38	1 37	23 4	0 5	21 6
F 3	14 56	11 21	0s27	10 49	0 44	21 23	5 46	0 14	1 15	19 42	1 6	21 38	1 37	23 4	0 5	21 6
S 4	15 14	14 54	1 49	10 19	1 1	21 2	5 35	0s 0	1 15	19 40	1 6	21 38	1 37	23 4	0 5	21 6
S 5	15 33	17 24	3 4	9 54	1 16	20 39	5 24	0 15	1 15	19 39	1 6	21 38	1 37	23 4	0 5	21 6
M 6	15 51	18 40	4 4	9 36	1 30	20 16	5 11	0 30	1 15	19 37	1 6	21 38	1 37	23 5	0 5	21 6
T 7	16 9	18 37	4 47	9 23	1 42	19 52	4 58	0 45	1 15	19 36	1 6	21 37	1 37	23 5	0 5	21 6
W 8	16 26	17 23	5 11	9 15	1 51	19 28	4 45	0 59	1 15	19 35	1 6	21 37	1 37	23 5	0 5	21 6
T 9	16 44	15 11	5 16	9 13	2 0	19 3	4 31	1 14	1 15	19 33	1 6	21 37	1 37	23 5	0 5	21 6
F 10	17 1	12 13	5 3	9 17	2 6	18 39	4 16	1 29	1 15	19 32	1 6	21 37	1 37	23 6	0 5	21 6
S 11	17 18	8 46	4 36	9 25	2 11	18 14	4 2	1 43	1 15	19 30	1 6	21 37	1 37	23 6	0 5	21 6
S 12	17 34	5 0	3 55	9 37	2 14	17 50	3 47	1 58	1 15	19 29	1 6	21 36	1 37	23 6	0 5	21 6
M13	17 50	1 7	3 5	9 52	2 16	17 26	3 32	2 13	1 15	19 27	1 6	21 36	1 37	23 6	0 5	21 6
T 14	18 6	2s46	2 8	10 11	2 17	17 2	3 16	2 27	1 15	19 26	1 6	21 36	1 37	23 7	0 5	21 7
W15	18 22	6 30	1 6	10 33	2 17	16 39	3 1	2 42	1 15	19 24	1 6	21 36	1 37	23 7	0 5	21 7
T 16	18 37	9 57	0 1	10 57	2 16	16 16	2 46	2 56	1 15	19 23	1 6	21 35	1 37	23 7	0 5	21 7
F 17	18 52	13 0	1n 3	11 23	2 13	15 54	2 30	3 11	1 15	19 21	1 6	21 35	1 37	23 7	0 5	21 7
S 18	19 6	15 32	2 5	11 50	2 11	15 33	2 15	3 25	1 15	19 20	1 5	21 35	1 37	23 8	0 5	21 7
S 19	19 20	17 24	3 1	12 19	2 7	15 13	2 0	3 40	1 15	19 18	1 5	21 35	1 37	23 8	0 5	21 7
M20	19 34	18 32	3 50	12 49	2 3	14 54	1 45	3 54	1 14	19 17	1 5	21 35	1 37	23 8	0 5	21 7
T 21	19 48	18 50	4 29	13 20	1 58	14 35	1 30	4 9	1 14	19 15	1 5	21 34	1 37	23 8	0 5	21 7
W22	20 1	18 17	4 56	13 51	1 53	14 18	1 16	4 23	1 14	19 13	1 5	21 34	1 37	23 9	0 5	21 7
T 23	20 14	16 51	5 10	14 22	1 48	14 2	1 1	4 37	1 14	19 12	1 5	21 34	1 37	23 9	0 5	21 8
F 24	20 26	14 36	5 9	14 53	1 42	13 47	0 48	4 52	1 14	19 10	1 5	21 34	1 37	23 9	0 5	21 8
S 25	20 38	11 37	4 53	15 25	1 36	13 34	0 34	5 6	1 14	19 9	1 5	21 33	1 37	23 10	0 5	21 8
S 26	20 50	8 0	4 22	15 56	1 29	13 21	0 21	5 20	1 14	19 7	1 5	21 33	1 37	23 10	0 5	21 8
M27	21 1	3 53	3 35	16 27	1 23	13 9	0 8	5 34	1 14	19 6	1 4	21 33	1 37	23 10	0 5	21 8
T 28	21 12	0n34	2 35	16 57	1 16	12 59	0n 4	5 48	1 14	19 4	1 4	21 33	1 37	23 10	0 5	21 8
W29	21 23	5 6	1 24	17 27	1 9	12 50	0 17	6 2	1 14	19 2	1 4	21 32	1 37	23 11	0 5	21 8
T 30	21s33	9n28	0n 6	17s57	1n 2	12s42	0n28	6s16	1n14	19n 1	1s 4	21n32	1s37	23s11	0s 5	21n 9

Julian Day Number = 2538411.5, Delta T = 204.81 sec

Ecliptic obliquity = 23°24'22, Nutation = 0°00'06, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°03'51, Lahiri = 27°10'52

ASTRODIENST EPHEMERIS for the year 2237

geocentric

DECEMBER 2237

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 39 5	8♂35'58	9♂4	26♂24	5♂6	19♂33	29♂R34	21♂R36	21♂0	20♂R 2	19♂27	25♂R19	23♂34	13♂48	7♂R28	F 1
S 2	4 43 1	9°36'40	24° 9	27°57	5°19	20°10	29♂26	21♂31	21° 3	20♂ 1	19°29	25♂16	23°30	13°54	7♂25	S 2
S 3	4 46 58	10°37'23	9♂18	29°30	5°35	20°47	29°18	21°27	21° 7	20° 0	19°31	25°11	23°27	14° 1	7°22	S 3
M 4	4 50 55	11°38'08	24°21	1♂4	5°52	21°23	29°10	21°22	21°10	19°58	19°34	25° 5	23°24	14° 8	7°19	M 4
T 5	4 54 51	12°38'54	9♂8	2°38	6°12	22° 0	29° 2	21°17	21°14	19°57	19°36	24°57	23°21	14°14	7°15	T 5
W 6	4 58 48	13°39'41	23°32	4°11	6°33	22°37	28°55	21°12	21°18	19°56	19°38	24°49	23°18	14°21	7°12	W 6
T 7	5 2 44	14°40'29	7♂29	5°45	6°56	23°13	28°47	21° 7	21°21	19°55	19°41	24°42	23°15	14°28	7° 8	T 7
F 8	5 6 41	15°41'19	20°55	7°19	7°22	23°50	28°40	21° 2	21°25	19°53	19°43	24°37	23°11	14°34	7° 5	F 8
S 9	5 10 37	16°42'10	3♂54	8°53	7°48	24°26	28°32	20°57	21°29	19°52	19°45	24°34	23° 8	14°41	7° 1	S 9
S 10	5 14 34	17°43'03	16°29	10°26	8°17	25° 3	28°25	20°53	21°32	19°51	19°47	24°D33	23° 5	14°48	6°58	S 10
M 11	5 18 31	18°43'57	28°43	12° 0	8°47	25°40	28°18	20°48	21°36	19°49	19°49	24°34	23° 2	14°54	6°54	M 11
T 12	5 22 27	19°44'52	10♂43	13°34	9°19	26°16	28°11	20°43	21°40	19°48	19°52	24°35	22°59	15° 1	6°50	T 12
W 13	5 26 24	20°45'48	22°34	15° 8	9°52	26°52	28° 4	20°38	21°43	19°46	19°54	24°R36	22°56	15° 8	6°47	W 13
T 14	5 30 20	21°46'46	4♂20	16°42	10°27	27°29	27°57	20°33	21°47	19°45	19°56	24°35	22°52	15°14	6°43	T 14
F 15	5 34 17	22°47'44	16° 7	18°16	11° 3	28° 5	27°50	20°28	21°51	19°43	19°58	24°32	22°49	15°21	6°39	F 15
S 16	5 38 13	23°48'44	27°57	19°50	11°41	28°42	27°43	20°23	21°54	19°42	20° 0	24°27	22°46	15°28	6°36	S 16
S 17	5 42 10	24°49'45	9♂55	21°24	12°20	29°18	27°37	20°18	21°58	19°41	20° 2	24°19	22°43	15°34	6°32	S 17
M 18	5 46 6	25°50'46	22° 0	22°58	13° 0	29°54	27°31	20°13	22° 2	19°39	20° 4	24° 9	22°40	15°41	6°28	M 18
T 19	5 50 3	26°51'49	4♂16	24°32	13°41	0♂31	27°24	20° 8	22° 5	19°37	20° 6	23°57	22°36	15°48	6°24	T 19
W 20	5 54 0	27°52'52	16°42	26° 6	14°23	1° 7	27°18	20° 3	22° 9	19°36	20° 8	23°45	22°33	15°54	6°20	W 20
T 21	5 57 56	28°53'55	29°19	27°41	15° 7	1°43	27°12	19°58	22°13	19°34	20°11	23°33	22°30	16° 1	6°17	T 21
F 22	6 1 53	29°54'59	12♂7	29°15	15°51	2°19	27° 7	19°54	22°16	19°33	20°13	23°22	22°27	16° 8	6°13	F 22
S 23	6 5 49	0♂56'04	25° 7	0♂50	16°37	2°55	27° 1	19°49	22°20	19°31	20°14	23°14	22°24	16°14	6° 9	S 23
S 24	6 9 46	1°57'09	8♂20	2°25	17°23	3°32	26°56	19°44	22°24	19°30	20°16	23° 9	22°21	16°21	6° 5	S 24
M 25	6 13 42	2°58'14	21°46	4° 0	18°11	4° 8	26°50	19°39	22°27	19°28	20°18	23° 7	22°17	16°28	6° 1	M 25
T 26	6 17 39	3°59'19	5♂27	5°35	18°59	4°44	26°45	19°35	22°31	19°26	20°20	23°D 7	22°14	16°34	5°57	T 26
W 27	6 21 35	5° 0'25	19°25	7°11	19°48	5°20	26°41	19°30	22°34	19°25	20°22	23°R 7	22°11	16°41	5°53	W 27
T 28	6 25 32	6° 1'31	3♂39	8°46	20°38	5°56	26°36	19°25	22°38	19°23	20°24	23° 6	22° 8	16°48	5°49	T 28
F 29	6 29 29	7° 2'36	18° 9	10°22	21°29	6°31	26°31	19°21	22°42	19°22	20°26	23° 4	22° 5	16°54	5°45	F 29
S 30	6 33 25	8° 3'42	2♂50	11°58	22°20	7° 7	26°27	19°16	22°45	19°20	20°28	23° 0	22° 2	17° 1	5°41	S 30
S 31	6 37 22	9♂4'49	17♂39	13♂35	23♂13	7♂43	26♂23	19♂12	22♂49	19♂18	20♂29	22♂52	21♂58	17♂8	5♂37	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	21s42	13n20	1s14	18s25	0n55	12s35	0n39	6s30	1n14	18n59	1s 4	21n32	1s37	23s11	0s 5	21n 9	0s47	3s 0	15n 6	9s47	9s 8	14s15	16n30	6s42			
S 2	21 52	16 22	2 30	18 53	0 48	12 29	0 50	6 44	1 14	18 58	1 4	21 32	1 37	23 11	0 5	21 9	0 47	3 0	15 6	9 46	9 7	14 16	16 30	6 43			
S 3	22 0	18 16	3 35	19 21	0 41	12 24	1 1	6 58	1 14	18 56	1 4	21 31	1 37	23 12	0 5	21 9	0 47	3 1	15 6	9 44	9 6	14 18	16 30	6 43			
M 4	22 9	18 52	4 25	19 47	0 34	12 21	1 11	7 12	1 13	18 55	1 3	21 31	1 37	23 12	0 5	21 9	0 47	3 1	15 7	9 42	9 5	14 19	16 29	6 43			
T 5	22 17	18 10	4 57	20 13	0 27	12 18	1 21	7 25	1 13	18 53	1 3	21 31	1 37	23 12	0 5	21 9	0 47	3 2	15 7	9 39	9 3	14 20	16 29	6 44			
W 6	22 24	16 18	5 8	20 38	0 20	12 16	1 30	7 39	1 13	18 52	1 3	21 31	1 36	23 12	0 5	21 10	0 47	3 2	15 7	9 36	9 2	14 21	16 29	6 44			
T 7	22 32	13 32	5 0	21 1	0 13	12 15	1 39	7 53	1 13	18 50	1 3	21 30	1 36	23 13	0 5	21 10	0 47	3 2	15 7	9 33	9 1	14 22	16 29	6 44			
F 8	22 38	10 8	4 36	21 24	0 6	12 16	1 47	8 6	1 13	18 49	1 3	21 30	1 36	23 13	0 5	21 10	0 47	3 3	15 7	9 32	9 0	14 23	16 29	6 45			
S 9	22 45	6 21	3 59	21 46	0s 1	12 16	1 55	8 20	1 13	18 47	1 2	21 30	1 36	23 13	0 5	21 10	0 47	3 3	15 7	9 31	8 59	14 25	16 29	6 45			
S 10	22 50	2 24	3 11	22 7	0 8	12 18	2 3	8 33	1 13	18 46	1 2	21 30	1 36	23 13	0 5	21 10	0 47	3 4	15 8	9 30	8 58	14 26	16 29	6 45			
M11	22 56	1s33	2 15	22 26	0 15	12 21	2 10	8 47	1 13	18 45	1 2	21 29	1 36	23 14	0 5	21 11	0 47	3 4	15 8	9 30	8 56	14 27	16 28	6 46			
T 12	23 1	5 22	1 14	22 45	0 21	12 24	2 17	9 0	1 13	18 43	1 2	21 29	1 36	23 14	0 5	21 11	0 47	3 4	15 8	9 31	8 55	14 28	16 28	6 46			
W13	23 5	8 56	0 11	23 3	0 28	12 28	2 24	9 13	1 12	18 42	1 2	21 29	1 36	23 14	0 5	21 11	0 47	3 5	15 8	9 31	8 54	14 29	16 28	6 46			
T 14	23 9	12 8	0n52	23 19	0 34	12 33	2 31	9 26	1 12	18 41	1 1	21 29	1 36	23 14	0 5	21 11	0 47	3 5	15 8	9 31	8 53	14 30	16 28	6 46			
F 15	23 13	14 50	1 53	23 34	0 41	12 39	2 37	9 39	1 12	18 39	1 1	21 28	1 36	23 14	0 5	21 11	0 47	3 5	15 9	9 30	8 52	14 31	16 28	6 47			
S 16	23 16	16 56	2 49	23 48	0 47	12 45	2 42	9 52	1 12	18 38	1 1	21 28	1 36	23 15	0 5	21 12	0 47	3 6	15 9	9 28	8 51	14 33	16 28	6 47			
S 17	23 18	18 19	3 38	24 1	0 53	12 51	2 48	10 5	1 12	18 37	1 1	21 28	1 36	23 15	0 5	21 12	0 47	3 6	15 9	9 25	8 49	14 34	16 28	6 47			
M18	23 20	18 53	4 17	24 12	0 59	12 58	2 53	10 18	1 12	18 36	1 1	21 28	1 35	23 15	0 5	21 12	0 47	3 6	15 9	9 21	8 48	14 35	16 28	6 47			
T 19	23 22	18 35	4 46	24 22	1 5	13 6	2 57	10 31	1 12	18 34	1 0	21 27	1 35	23 15	0 5	21 12	0 47	3 6	15 10	9 17	8 47	14 36	16 28	6 47			
W20	23 23	17 23	5 1	24 31	1 10	13 14	3 2	10 44	1 11	18 33	1 0	21 27	1 35	23 16	0 5	21 12	0 47	3 7	15 10	9 12	8 46	14 37	16 28	6 48			
T 21	23 24	15 21	5 1	24 39	1 16	13 23	3 6	10 56	1 11	18 32	1 0	21 27	1 35	23 16	0 5	21 13	0 47	3 7	15 10	9 8	8 45	14 38	16 28	6 48			
F 22	23 24	12 32	4 47	24 45	1 21	13 32	3 10	11 9	1 11	18 31	1 0	21 27	1 35	23 16	0 5	21 13	0 47	3 7	15 10	9 4	8 43	14 39	16 28	6 48			
S 23	23 24	9 5	4 18	24 50	1 26	13 41	3 13	11 22	1 11	18 30	0 59	21 26	1 35	23 16	0 5	21 13	0 47	3 7	15 11	9 1	8 42	14 40	16 28	6 48			
S 24	23 23	5 7	3 34	24 54	1 31	13 51	3 17	11 34	1 11	18 29	0 59	21 26	1 35	23 16	0 5	21 13	0 47	3 8	15 11	8 59	8 41	14 42	16 28	6 48			
M25	23 22	0 50	2 38	24 56	1 35	14 1	3 20	11 46	1 10	18 28	0 59	21 26	1 35	23 17	0 5	21 14	0 47	3 8	15 11	8 58	8 40	14 43	16 28	6 48			
T 26	23 21	3n35	1 32	24 57	1 40	14 11	3 23	11 59	1 10	18 27	0 59	21 26	1 34	23 17	0 5	21 14	0 47	3 8	15 12	8 58	8 39	14 44	16 28	6 48			
W27	23 19	7 53	0 20	24 56	1 44	14 22	3 25	12 11	1 10	18 26	0 58	21 25	1 34	23 17	0 5	21 14	0 47	3 8	15 12	8 58	8 38	14 45	16 28	6 49			
T 28	23 16	11 51	0s56	24 54	1 48	14 33	3 28	12 23	1 10	18 25	0 58	21 25	1 34	23 17	0 5	21 14	0 47	3 8	15 12	8 58	8 36	14 46	16 28	6 49			
F 29	23 13	15 9	2 9	24 51	1 51	14 44	3 30	12 35	1 10	18 25	0 58	21 25	1 34	23 18	0 5	21 15	0 47	3 8	15 12	8 57	8 35	14 47	16 29	6 49			
S 30	23 10	17 31	3 14	24 46	1 55	14 55	3 31	12 47	1 9	18 24	0 58	21 25	1 34	23 18	0 5	21 15	0 47	3 8	15 13	8 56	8 34	14 48	16 29	6 49			
S 31	23s 6	18n44	4s 7	24s40	1s58	15s 7	3n33	12s58	1n 9	18n23	0s57	21n25	1s34	23s18	0s 5	21n15	0s47	3s 9	15n13	8s53	8s33	14s49	16n29	6s49			