



Astrodienst Ephemeris Tables for the year 2270

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 2270

geocentric

JANUARY 2270

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 18	10 ³⁰ 19	22 ¹⁶ 16	4 ³⁸ 49	23 ³⁴ 34	11 ⁵⁵ 55	2 ³² 32	28°R 3	28°R 6	1 ¹ 1	29 ²¹ 21	1°R59	3 ⁰ 0	29 ³⁰ 30	13 ²⁸ 28	S 1
S 2	6 46 15	11°21'27	4 ³⁸ 38	6°23	24°33	12°31	2°45	27 ⁵⁹ 59	28°Y 6	1°R 1	29°23	1 ⁵⁷ 57	2°57	29°37	13°29	S 2
M 3	6 50 11	12°22'35	16°47	7°58	25°33	13° 8	2°59	27°54	28° 6	1° 1	29°25	1°55	2°54	29°43	13°29	M 3
T 4	6 54 8	13°23'43	28°46	9°32	26°33	13°44	3°13	27°49	28° 6	1° 1	29°27	1°52	2°51	29°50	13°30	T 4
W 5	6 58 4	14°24'50	10 ⁴⁰ 40	11° 8	27°33	14°21	3°27	27°44	28° 6	1° 0	29°29	1°49	2°47	29°57	13°31	W 5
T 6	7 2 1	15°25'58	22°29	12°43	28°34	14°57	3°40	27°40	28°D 6	1° 0	29°31	1°46	2°44	0 ⁵ 4	13°31	T 6
F 7	7 5 57	16°27'06	4 ⁵⁸ 18	14°19	29°36	15°34	3°54	27°35	28° 6	1° 0	29°32	1°44	2°41	0°10	13°32	F 7
S 8	7 9 54	17°28'13	16° 9	15°55	0 ³⁸ 38	16°10	4° 8	27°30	28° 6	1° 0	29°34	1°42	2°38	0°17	13°33	S 8
S 9	7 13 51	18°29'21	28° 3	17°32	1°40	16°47	4°22	27°25	28° 6	1° 0	29°36	1°D42	2°35	0°24	13°34	S 9
M10	7 17 47	19°30'29	10 ⁵⁰ 10	19° 9	2°42	17°23	4°36	27°20	28° 6	1° 0	29°38	1°42	2°32	0°30	13°35	M10
T 11	7 21 44	20°31'36	22° 8	20°46	3°45	17°59	4°50	27°15	28° 6	0°59	29°40	1°42	2°28	0°37	13°36	T 11
W12	7 25 40	21°32'44	4 ¹⁰ 24	22°24	4°48	18°36	5° 4	27°11	28° 7	0°59	29°42	1°43	2°25	0°44	13°37	W12
T 13	7 29 37	22°33'52	16°52	24° 2	5°52	19°12	5°18	27° 6	28° 7	0°59	29°44	1°44	2°22	0°50	13°38	T 13
F 14	7 33 33	23°34'59	29°35	25°40	6°56	19°48	5°32	27° 1	28° 7	0°58	29°46	1°45	2°19	0°57	13°39	F 14
S 15	7 37 30	24°36'07	12 ³⁶ 36	27°19	8° 0	20°24	5°46	26°56	28° 8	0°58	29°48	1°46	2°16	1° 4	13°40	S 15
S 16	7 41 26	25°37'15	25°58	28°59	9° 4	21° 0	6° 0	26°51	28° 8	0°57	29°50	1°R46	2°12	1°10	13°41	S 16
M17	7 45 23	26°38'23	9 ⁴² 42	0 ³⁹ 39	10° 9	21°36	6°14	26°46	28° 9	0°57	29°52	1°46	2° 9	1°17	13°43	M17
T 18	7 49 20	27°39'31	23°49	2°19	11°14	22°13	6°28	26°41	28° 9	0°56	29°54	1°45	2° 6	1°24	13°44	T 18
W19	7 53 16	28°40'38	8 ¹⁸ 18	4° 0	12°20	22°49	6°42	26°36	28°10	0°56	29°56	1°45	2° 3	1°30	13°45	W19
T 20	7 57 13	29°41'46	23° 5	5°41	13°25	23°25	6°56	26°31	28°11	0°55	29°58	1°45	2° 0	1°37	13°47	T 20
F 21	8 1 9	0 ⁴² 54	8 ³ 5	7°22	14°31	24° 1	7°11	26°26	28°11	0°55	0 ⁰ 0	1°45	1°57	1°44	13°48	F 21
S 22	8 5 6	1°44'01	23° 9	9° 4	15°37	24°37	7°25	26°21	28°12	0°54	0° 2	1°D45	1°53	1°50	13°50	S 22
S 23	8 9 2	2°45'07	8 ³⁸ 8	10°46	16°43	25°12	7°39	26°16	28°13	0°53	0° 4	1°R45	1°50	1°57	13°52	S 23
M24	8 12 59	3°46'13	22°55	12°28	17°50	25°48	7°53	26°11	28°14	0°53	0° 6	1°45	1°47	2° 4	13°53	M24
T 25	8 16 55	4°47'19	7 ¹² 22	14°11	18°56	26°24	8° 7	26° 6	28°15	0°52	0° 8	1°44	1°44	2°10	13°55	T 25
W26	8 20 52	5°48'23	21°23	15°53	20° 3	27° 0	8°22	26° 1	28°16	0°51	0°10	1°44	1°41	2°17	13°57	W26
T 27	8 24 49	6°49'26	4 ⁵⁹ 59	17°36	21°10	27°36	8°36	25°57	28°17	0°50	0°12	1°43	1°38	2°23	13°59	T 27
F 28	8 28 45	7°50'29	18° 8	19°18	22°17	28°11	8°50	25°52	28°18	0°49	0°14	1°43	1°34	2°30	14° 1	F 28
S 29	8 32 42	8°51'30	0 ⁵³ 53	21° 0	23°25	28°47	9° 4	25°47	28°19	0°49	0°16	1°42	1°31	2°37	14° 3	S 29
S 30	8 36 38	9°52'31	13°17	22°42	24°33	29°22	9°18	25°42	28°20	0°48	0°18	1°D42	1°28	2°43	14° 5	S 30
M31	8 40 35	10 ⁵³ 30	25 ²⁶ 26	24 ²³ 23	25 ⁴⁰ 40	29 ⁵⁸ 58	9 ³³ 33	25 ³⁸ 38	28 ²² 22	0 ⁴⁷ 47	0 ²⁰ 20	1 ⁴³ 43	1 ²⁵ 25	2 ⁵⁰ 50	14 ⁷ 7	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	23s 0	13n28	5n11	24s31	1s12	15s23	3n22	14s25	1n 1	20s 0	0s26	20n32	0n 0	10n16	0s33	0n44	1n14	22s 0	1s47	19s41	19s28	26n15	6n44	1n32	
S 2	22 55	17 59	5 15	24 32	1 17	15 36	3 22	14 36	1 1	19 56	0 26	20 33	0 1	10 16	0 33	0 44	1 14	21 59	1 47	19 42	19 28	26 14	6 44	1 32	
M 3	22 50	21 42	5 5	24 32	1 22	15 50	3 23	14 48	1 1	19 53	0 26	20 34	0 1	10 16	0 33	0 44	1 14	21 59	1 47	19 42	19 29	26 14	6 44	1 32	
T 4	22 44	24 26	4 41	24 31	1 27	16 4	3 23	14 59	1 0	19 50	0 26	20 35	0 1	10 16	0 33	0 44	1 14	21 59	1 47	19 43	19 30	26 13	6 44	1 32	
W 5	22 38	26 4	4 6	24 28	1 32	16 17	3 23	15 10	1 0	19 47	0 26	20 36	0 1	10 16	0 33	0 44	1 14	21 58	1 47	19 44	19 30	26 12	6 44	1 32	
T 6	22 31	26 32	3 20	24 24	1 36	16 31	3 23	15 21	1 0	19 44	0 27	20 37	0 1	10 16	0 33	0 44	1 14	21 58	1 47	19 44	19 31	26 11	6 44	1 32	
F 7	22 24	25 46	2 26	24 18	1 40	16 44	3 23	15 32	0 59	19 41	0 27	20 38	0 1	10 16	0 33	0 44	1 14	21 58	1 47	19 45	19 32	26 11	6 44	1 31	
S 8	22 16	23 50	1 25	24 11	1 44	16 57	3 23	15 43	0 59	19 38	0 27	20 39	0 1	10 16	0 33	0 44	1 14	21 57	1 47	19 45	19 33	26 10	6 45	1 31	
S 9	22 8	20 51	0 20	24 3	1 48	17 10	3 22	15 53	0 59	19 34	0 27	20 40	0 1	10 16	0 33	0 44	1 14	21 57	1 47	19 45	19 33	26 9	6 45	1 31	
M10	21 59	16 58	0s46	23 53	1 51	17 23	3 21	16 4	0 58	19 31	0 27	20 41	0 1	10 16	0 33	0 44	1 14	21 57	1 47	19 45	19 34	26 8	6 45	1 31	
T 11	21 50	12 22	1 51	23 41	1 54	17 35	3 20	16 14	0 58	19 28	0 27	20 42	0 1	10 16	0 33	0 45	1 14	21 56	1 47	19 45	19 35	26 8	6 45	1 31	
W12	21 41	7 13	2 52	23 28	1 57	17 48	3 20	16 25	0 58	19 25	0 27	20 43	0 2	10 17	0 33	0 45	1 14	21 56	1 47	19 45	19 36	26 7	6 45	1 31	
T 13	21 31	1 43	3 45	23 14	2 0	18 0	3 18	16 35	0 57	19 21	0 27	20 44	0 2	10 17	0 33	0 45	1 14	21 56	1 47	19 45	19 36	26 6	6 46	1 30	
F 14	21 21	3s57	4 29	22 58	2 2	18 12	3 17	16 45	0 57	19 18	0 27	20 45	0 2	10 17	0 33	0 45	1 14	21 55	1 48	19 44	19 37	26 5	6 46	1 30	
S 15	21 10	9 35	5 0	22 41	2 3	18 23	3 16	16 55	0 56	19 15	0 27	20 46	0 2	10 17	0 33	0 45	1 14	21 55	1 48	19 44	19 38	26 4	6 46	1 30	
S 16	20 59	14 55	5 16	22 22	2 5	18 35	3 14	17 5	0 56	19 11	0 27	20 47	0 2	10 17	0 33	0 46	1 14	21 55	1 48	19 44	19 38	26 4	6 47	1 30	
M17	20 48	19 40	5 15	22 2	2 6	18 46	3 13	17 15	0 56	19 8	0 27	20 49	0 2	10 17	0 33	0 46	1 14	21 54	1 48	19 44	19 39	26 3	6 47	1 30	
T 18	20 36	23 27	4 55	21 40	2 6	18 56	3 11	17 24	0 55	19 4	0 27	20 50	0 2	10 18	0 33	0 46	1 15	21 54	1 48	19 44	19 40	26 2	6 47	1 30	
W19	20 24	25 52	4 16	21 17	2 7	19 7	3 9	17 34	0 55	19 1	0 27	20 51	0 2	10 18	0 33	0 46	1 15	21 54	1 48	19 45	19 41	26 1	6 48	1 30	
T 20	20 11	26 32	3 19	20 52	2 6	19 17	3 7	17 43	0 54	18 57	0 28	20 52	0 2	10 18	0 33	0 47	1 15	21 53	1 48	19 45	19 41	26 0	6 48	1 29	
F 21	19 58	25 17	2 8	20 26	2 6	19 27	3 5	17 53	0 54	18 54	0 28	20 53	0 3	10 19	0 33	0 47	1 15	21 53	1 48	19 45	19 42	25 59	6 49	1 29	
S 22	19 45	22 12	0 48	19 58	2 5	19 36	3 3	18 2	0 53	18 50	0 28	20 54	0 3	10 19	0 32	0 47	1 15	21 53	1 48	19 45	19 43	25 58	6 49	1 29	
S 23	19 31	17 38	0n36	19 29	2 3	19 45	3 1	18 11	0 53	18 47	0 28	20 55	0 3	10 19	0 32	0 47	1 15	21 52	1 48	19 45	19 43	25 58	6 50	1 29	
M24	19 17	12 3	1 55	18 58	2 1	19 53	2 58	18 20	0 53	18 43	0 28	20 56	0 3	10 20	0 32	0 48	1 15	21 52	1 48	19 45	19 44	25 57	6 50	1 29	
T 25	19 2	5 55	3 5	18 26	1 58	20 1	2 56	18 29	0 52	18 40	0 28	20 57	0 3	10 20	0 32	0 48	1 15	21 52	1 48	19 45	19 45	25 56	6 51	1 29	
W26	18 48	0n18	4 2	17 52	1 55	20 9	2 53	18 37	0 52	18 36	0 28	20 58	0 3	10 20	0 32	0 48	1 15	21 51	1 49	19 45	19 45	25 55	6 51	1 28	
T 27	18 32	6 19	4 44	17 18	1 51	20 16	2 51	18 46	0 51	18 32	0 28	20 59	0 3	10 21	0 32	0 49	1 15	21 51	1 49	19 45	19 46	25 54	6 52	1 28	
F 28	18 17	11 51	5 9	16 41	1 46	20 23	2 48	18 54	0 51	18 29	0 28	21 0	0 3	10 21	0 32	0 49	1 15	21 51	1 49	19 45	19 47	25 53	6 52	1 28	
S 29	18 1	16 43	5 18	16 4	1 41	20 30	2 45	19 3	0 50	18 25	0 28	21 1	0 3	10 22	0 32	0 50	1 15	21 50	1 49	19 45	19 48	25 52	6 53	1 28	
S 30	17 45	20 45	5 11	15 25	1 35	20 35	2 42	19 11	0 50	18 21	0 28	21 2	0 4	10 22	0 32	0 50	1 15	21 50	1 49	19 45	19 48	25 51	6 54	1 28	
M31	17s28	23n48	4n51	14s46	1s28	20s41	2n39	19s19	0n49	18s18	0s28	21n 3	0n 4	10n22	0s32	0n50	1n15	21s50	1s49	19s45	19s49	25n50	6n54	1n28	

ASTRODIENST EPHEMERIS for the year 2270
geocentric

FEBRUARY 2270

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 31	11 ⁵⁴ 29	7 ¹¹ 23	26 ³³ 3	26 ³⁷ 48	0 ³⁷ 33	9 ³³ 47	25 ⁰ R33	28 ¹⁷ 23	0 ⁰ R46	0 ³³ 22	1 ³³ 43	1 ³³ 22	2 ⁵⁷ 57	14 ¹⁷ 9	T 1
W 2	8 48 28	12 ⁵⁵ 26	19 ⁰ 13	27 ⁰ 41	27 ⁰ 56	1 ⁰ 9	10 ⁰ 1	25 ⁰ 28	28 ⁰ 24	0 ⁰ 45	0 ⁰ 24	1 ⁰ 44	1 ⁰ 18	3 ⁰ 3	14 ⁰ 11	W 2
T 3	8 52 24	13 ⁵⁶ 22	1 ⁰ 1	29 ⁰ 19	29 ⁰ 5	1 ⁰ 44	10 ⁰ 15	25 ⁰ 24	28 ⁰ 26	0 ⁰ 44	0 ⁰ 26	1 ⁰ 46	1 ⁰ 15	3 ⁰ 10	14 ⁰ 13	T 3
F 4	8 56 21	14 ⁵⁷ 17	12 ⁰ 50	0 ³⁷ 54	0 ³⁷ 13	2 ⁰ 19	10 ⁰ 29	25 ⁰ 19	28 ⁰ 27	0 ⁰ 43	0 ⁰ 28	1 ⁰ 47	1 ⁰ 12	3 ⁰ 17	14 ⁰ 15	F 4
S 5	9 0 18	15 ⁵⁸ 11	24 ⁰ 44	2 ⁰ 26	1 ⁰ 22	2 ⁰ 55	10 ⁰ 44	25 ⁰ 15	28 ⁰ 29	0 ⁰ 42	0 ⁰ 29	1 ⁰ 48	1 ⁰ 9	3 ⁰ 23	14 ⁰ 17	S 5
S 6	9 4 14	16 ⁵⁹ 04	6 ⁰ 45	3 ⁰ 56	2 ⁰ 30	3 ⁰ 30	10 ⁰ 58	25 ⁰ 10	28 ⁰ 30	0 ⁰ 41	0 ⁰ 31	1 ⁰ R48	1 ⁰ 6	3 ⁰ 30	14 ⁰ 20	S 6
M 7	9 8 11	17 ⁵⁹ 56	18 ⁰ 56	5 ⁰ 22	3 ⁰ 39	4 ⁰ 5	11 ⁰ 12	25 ⁰ 6	28 ⁰ 32	0 ⁰ 40	0 ⁰ 33	1 ⁰ 47	1 ⁰ 3	3 ⁰ 37	14 ⁰ 22	M 7
T 8	9 12 7	19 ⁰ 46	1 ⁰ 17	6 ⁰ 43	4 ⁰ 48	4 ⁰ 40	11 ⁰ 26	25 ⁰ 2	28 ⁰ 33	0 ⁰ 38	0 ⁰ 35	1 ⁰ 45	0 ⁰ 59	3 ⁰ 43	14 ⁰ 24	T 8
W 9	9 16 4	20 ⁰ 136	13 ⁰ 50	8 ⁰ 0	5 ⁰ 57	5 ⁰ 15	11 ⁰ 40	24 ⁰ 57	28 ⁰ 35	0 ⁰ 37	0 ⁰ 37	1 ⁰ 43	0 ⁰ 56	3 ⁰ 50	14 ⁰ 27	W 9
T 10	9 20 0	21 ⁰ 224	26 ⁰ 36	9 ⁰ 12	7 ⁰ 7	5 ⁰ 50	11 ⁰ 54	24 ⁰ 53	28 ⁰ 37	0 ⁰ 36	0 ⁰ 39	1 ⁰ 40	0 ⁰ 53	3 ⁰ 57	14 ⁰ 29	T 10
F 11	9 23 57	22 ⁰ 312	9 ⁰ 35	10 ⁰ 17	8 ⁰ 16	6 ⁰ 25	12 ⁰ 9	24 ⁰ 49	28 ⁰ 38	0 ⁰ 35	0 ⁰ 41	1 ⁰ 37	0 ⁰ 50	4 ⁰ 3	14 ⁰ 32	F 11
S 12	9 27 53	23 ⁰ 358	22 ⁰ 48	11 ⁰ 15	9 ⁰ 26	7 ⁰ 0	12 ⁰ 23	24 ⁰ 45	28 ⁰ 40	0 ⁰ 34	0 ⁰ 43	1 ⁰ 34	0 ⁰ 47	4 ⁰ 10	14 ⁰ 34	S 12
S 13	9 31 50	24 ⁰ 444	6 ⁰ 16	12 ⁰ 5	10 ⁰ 35	7 ⁰ 35	12 ⁰ 37	24 ⁰ 41	28 ⁰ 42	0 ⁰ 32	0 ⁰ 45	1 ⁰ 32	0 ⁰ 43	4 ⁰ 17	14 ⁰ 37	S 13
M14	9 35 47	25 ⁰ 528	19 ⁰ 58	12 ⁰ 46	11 ⁰ 45	8 ⁰ 10	12 ⁰ 51	24 ⁰ 37	28 ⁰ 44	0 ⁰ 31	0 ⁰ 46	1 ⁰ D31	0 ⁰ 40	4 ⁰ 23	14 ⁰ 40	M14
T 15	9 39 43	26 ⁰ 612	3 ⁰ 55	13 ⁰ 18	12 ⁰ 55	8 ⁰ 44	13 ⁰ 5	24 ⁰ 33	28 ⁰ 46	0 ⁰ 30	0 ⁰ 48	1 ⁰ 31	0 ⁰ 37	4 ⁰ 30	14 ⁰ 42	T 15
W16	9 43 40	27 ⁰ 655	18 ⁰ 6	13 ⁰ 40	14 ⁰ 5	9 ⁰ 19	13 ⁰ 19	24 ⁰ 29	28 ⁰ 48	0 ⁰ 29	0 ⁰ 50	1 ⁰ 32	0 ⁰ 34	4 ⁰ 37	14 ⁰ 45	W16
T 17	9 47 36	28 ⁰ 737	2 ⁰ 30	13 ⁰ 52	15 ⁰ 15	9 ⁰ 54	13 ⁰ 33	24 ⁰ 26	28 ⁰ 50	0 ⁰ 27	0 ⁰ 52	1 ⁰ 33	0 ⁰ 31	4 ⁰ 43	14 ⁰ 48	T 17
F 18	9 51 33	29 ⁰ 817	17 ⁰ 4	13 ⁰ R54	16 ⁰ 25	10 ⁰ 28	13 ⁰ 47	24 ⁰ 22	28 ⁰ 52	0 ⁰ 26	0 ⁰ 54	1 ⁰ 35	0 ⁰ 28	4 ⁰ 50	14 ⁰ 51	F 18
S 19	9 55 29	0 ³⁷ 857	1 ⁰ 32	13 ⁰ 45	17 ⁰ 35	11 ⁰ 3	14 ⁰ 1	24 ⁰ 19	28 ⁰ 54	0 ⁰ 25	0 ⁰ 55	1 ⁰ R35	0 ⁰ 24	4 ⁰ 57	14 ⁰ 53	S 19
S 20	9 59 26	1 ⁰ 935	16 ⁰ 21	13 ⁰ 25	18 ⁰ 46	11 ⁰ 37	14 ⁰ 15	24 ⁰ 15	28 ⁰ 56	0 ⁰ 23	0 ⁰ 57	1 ⁰ 35	0 ⁰ 21	5 ⁰ 3	14 ⁰ 56	S 20
M21	10 3 22	2 ⁰ 1012	0 ³⁷ 53	12 ⁰ 55	19 ⁰ 56	12 ⁰ 11	14 ⁰ 29	24 ⁰ 12	28 ⁰ 58	0 ⁰ 22	0 ⁰ 59	1 ⁰ 32	0 ⁰ 18	5 ⁰ 10	14 ⁰ 59	M21
T 22	10 7 19	3 ⁰ 1047	15 ⁰ 11	12 ⁰ 17	21 ⁰ 7	12 ⁰ 46	14 ⁰ 43	24 ⁰ 8	29 ⁰ 1	0 ⁰ 20	1 ⁰ 1	1 ⁰ 28	0 ⁰ 15	5 ⁰ 17	15 ⁰ 2	T 22
W23	10 11 16	4 ⁰ 1120	29 ⁰ 11	11 ⁰ 30	22 ⁰ 17	13 ⁰ 20	14 ⁰ 57	24 ⁰ 5	29 ⁰ 3	0 ⁰ 19	1 ⁰ 2	1 ⁰ 23	0 ⁰ 12	5 ⁰ 23	15 ⁰ 5	W23
T 24	10 15 12	5 ⁰ 1152	12 ⁰ Y49	10 ⁰ 36	23 ⁰ 28	13 ⁰ 54	15 ⁰ 10	24 ⁰ 2	29 ⁰ 5	0 ⁰ 17	1 ⁰ 4	1 ⁰ 18	0 ⁰ 9	5 ⁰ 30	15 ⁰ 8	T 24
F 25	10 19 9	6 ⁰ 1222	26 ⁰ 2	9 ⁰ 36	24 ⁰ 39	14 ⁰ 28	15 ⁰ 24	23 ⁰ 59	29 ⁰ 8	0 ⁰ 16	1 ⁰ 6	1 ⁰ 12	0 ⁰ 5	5 ⁰ 37	15 ⁰ 11	F 25
S 26	10 23 5	7 ⁰ 1251	8 ⁰ 52	8 ⁰ 33	25 ⁰ 50	15 ⁰ 2	15 ⁰ 38	23 ⁰ 56	29 ⁰ 10	0 ⁰ 14	1 ⁰ 8	1 ⁰ 8	0 ⁰ 2	5 ⁰ 43	15 ⁰ 14	S 26
S 27	10 27 2	8 ⁰ 1317	21 ⁰ 20	7 ⁰ 27	27 ⁰ 1	15 ⁰ 35	15 ⁰ 52	23 ⁰ 53	29 ⁰ 12	0 ⁰ 13	1 ⁰ 9	1 ⁰ 4	29 ⁰ 359	5 ⁰ 50	15 ⁰ 17	S 27
M28	10 30 58	9 ⁰ 1342	3 ⁰ 1132	6 ⁰ 121	28 ⁰ 312	16 ⁰ 37 9	16 ⁰ 35 5	23 ⁰ 50	29 ⁰ Y15	0 ⁰ 11	1 ⁰ 11	1 ⁰ 3 3	29 ⁰ 356	5 ⁰ 57	15 ⁰ Y21	M28

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	17s12	25n45	4n18	14s 5	1s21	20s46	2n36	19s27	0n49	18s14	0s29	21n 4	0n 4	10n23	0s32	0n51	1n15	21s49	1s49	19s45	19s50	25n50	6n55	1n28	
W 2	16 55	26 32	3 35	13 24	1 13	20 50	2 33	19 35	0 48	18 10	0 29	21 5	0 4	10 23	0 32	0 51	1 15	21 49	1 49	19 45	19 50	25 49	6 56	1 27	
T 3	16 37	26 7	2 43	12 42	1 4	20 54	2 30	19 42	0 47	18 7	0 29	21 6	0 4	10 24	0 32	0 52	1 15	21 49	1 49	19 44	19 51	25 48	6 56	1 27	
F 4	16 20	24 30	1 43	11 59	0 54	20 57	2 27	19 50	0 47	18 3	0 29	21 7	0 4	10 25	0 32	0 52	1 15	21 48	1 49	19 44	19 52	25 47	6 57	1 27	
S 5	16 2	21 47	0 39	11 17	0 44	21 0	2 24	19 57	0 46	17 59	0 29	21 8	0 4	10 25	0 32	0 53	1 15	21 48	1 50	19 44	19 52	25 46	6 58	1 27	
S 6	15 43	18 7	0s27	10 34	0 33	21 3	2 20	20 4	0 46	17 55	0 29	21 8	0 4	10 26	0 32	0 53	1 15	21 48	1 50	19 44	19 53	25 45	6 59	1 27	
M 7	15 25	13 39	1 33	9 51	0 21	21 5	2 17	20 12	0 45	17 51	0 29	21 9	0 4	10 26	0 32	0 53	1 15	21 47	1 50	19 44	19 54	25 44	6 59	1 27	
T 8	15 6	8 34	2 36	9 9	0 8	21 6	2 13	20 19	0 45	17 48	0 29	21 10	0 4	10 27	0 32	0 54	1 15	21 47	1 50	19 44	19 55	25 43	7 0	1 27	
W 9	14 47	3 5	3 32	8 28	0n 6	21 7	2 10	20 26	0 44	17 44	0 29	21 11	0 5	10 28	0 32	0 54	1 15	21 47	1 50	19 45	19 55	25 42	7 1	1 26	
T 10	14 28	2s36	4 18	7 48	0 20	21 7	2 6	20 32	0 43	17 40	0 29	21 12	0 5	10 28	0 32	0 55	1 15	21 46	1 50	19 46	19 56	25 41	7 2	1 26	
F 11	14 8	8 16	4 52	7 10	0 35	21 6	2 3	20 39	0 43	17 36	0 29	21 13	0 5	10 29	0 32	0 55	1 16	21 46	1 50	19 46	19 57	25 40	7 3	1 26	
S 12	13 49	13 40	5 11	6 34	0 50	21 5	1 59	20 45	0 42	17 32	0 30	21 14	0 5	10 29	0 32	0 56	1 16	21 46	1 50	19 47	19 57	25 39	7 4	1 26	
S 13	13 29	18 31	5 14	6 0	1 6	21 4	1 55	20 52	0 41	17 28	0 30	21 14	0 5	10 30	0 32	0 56	1 16	21 45	1 50	19 47	19 58	25 38	7 4	1 26	
M14	13 8	22 30	4 59	5 29	1 22	21 2	1 52	20 58	0 41	17 24	0 30	21 15	0 5	10 31	0 32	0 57	1 16	21 45	1 50	19 48	19 59	25 37	7 5	1 26	
T 15	12 48	25 15	4 26	5 2	1 39	20 59	1 48	21 4	0 40	17 21	0 30	21 16	0 5	10 32	0 32	0 58	1 16	21 45	1 51	19 48	19 59	25 36	7 6	1 26	
W16	12 27	26 28	3 37	4 38	1 55	20 56	1 44	21 10	0 39	17 17	0 30	21 17	0 5	10 32	0 32	0 58	1 16	21 45	1 51	19 47	20 0	25 35	7 7	1 25	
T 17	12 6	25 56	2 33	4 19	2 11	20 52	1 40	21 16	0 39	17 13	0 30	21 18	0 5	10 33	0 32	0 59	1 16	21 44	1 51	19 47	20 1	25 34	7 8	1 25	
F 18	11 45	23 38	1 19	4 4	2 27	20 48	1 37	21 21	0 38	17 9	0 30	21 18	0 5	10 34	0 32	0 59	1 16	21 44	1 51	19 47	20 1	25 33	7 9	1 25	
S 19	11 24	19 44	0n 1	3 54	2 41	20 43	1 33	21 27	0 37	17 5	0 30	21 19	0 6	10 35	0 32	1 0	1 16	21 44	1 51	19 47	20 2	25 32	7 10	1 25	
S 20	11 3	14 38	1 20	3 49	2 55	20 37	1 29	21 32	0 37	17 1	0 30	21 20	0 6	10 35	0 32	1 0	1 16	21 43	1 51	19 47	20 3	25 31	7 11	1 25	
M21	10 41	8 45	2 34	3 49	3 8	20 31	1 25	21 38	0 36	16 57	0 31	21 20	0 6	10 36	0 32	1 1	1 16	21 43	1 51	19 47	20 3	25 30	7 12	1 25	
T 22	10 19	2 30	3 36	3 53	3 18	20 25	1 21	21 43	0 35	16 53	0 31	21 21	0 6	10 37	0 31	1 2	1 16	21 43	1 51	19 48	20 4	25 29	7 13	1 25	
W23	9 58	3n43	4 24	4 3	3 27	20 17	1 17	21 48	0 34	16 49	0 31	21 22	0 6	10 38	0 31	1 2	1 16	21 43	1 51	19 49	20 5	25 27	7 14	1 25	
T 24	9 36	9 36	4 56	4 16	3 35	20 10	1 14	21 53	0 34	16 45	0 31	21 22	0 6	10 39	0 31	1 3	1 16	21 42	1 52	19 51	20 5	25 26	7 15	1 24	
F 25	9 13	14 51	5 11	4 34	3 39	20 1	1 10	21 58	0 33	16 41	0 31	21 23	0 6	10 40	0 31	1 3	1 16	21 42	1 52	19 52	20 6	25 25	7 16	1 24	
S 26	8 51	19 18	5 9	4 55	3 42	19 52	1 6	22 2	0 32	16 37	0 31	21 24	0 6	10 40	0 31	1 4	1 16	21 42	1 52	19 53	20 7	25 24	7 17	1 24	
S 27	8 29	22 46	4 53	5 19	3 42	19 43	1 2	22 7	0 31	16 33	0 31	21 24	0 6	10 41	0 31	1 5	1 16	21 42	1 52	19 53	20 8	25 23	7 18	1 24	
M28	8s 6	25n 8	4n23	5s45	3n41	19s33	0n58	22s11	0n30	16s29	0s31	21n25	0n 6	10n42	0s31	1n 5	1n16	21s41	1s52	19s54	20s 8	25n22	7n19	1n24	

ASTRODIENST EPHEMERIS for the year 2270

geocentric

MARCH 2270

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 55	10°14'05	15°11'30	5°R16	29°23	16°43	16°19	23°R48	29°17	0°R10	1°12	1°D 3	29°53	6°3	15°V24	T 1
W 2	10 38 51	11°14'26	27°20	4°13	0°34	17°16	16°33	23°45	29°20	0°8	1°14	1°4	29°49	6°10	15°27	W 2
T 3	10 42 48	12°14'45	9°8	3°14	1°45	17°50	16°46	23°43	29°22	0°7	1°16	1°6	29°46	6°17	15°30	T 3
F 4	10 46 45	13°15'02	20°59	2°20	2°56	18°23	17°0	23°41	29°25	0°5	1°17	1°7	29°43	6°23	15°33	F 4
S 5	10 50 41	14°15'17	2°56	1°32	4°7	18°56	17°13	23°38	29°28	0°4	1°19	1°R 8	29°40	6°30	15°37	S 5
S 6	10 54 38	15°15'30	15°4	0°51	5°19	19°30	17°26	23°36	29°30	0°2	1°20	1°6	29°37	6°37	15°40	S 6
M 7	10 58 34	16°15'41	27°26	0°16	6°30	20°3	17°40	23°34	29°33	0°0	1°22	1°3	29°34	6°43	15°43	M 7
T 8	11 2 31	17°15'50	10°4	29°48	7°42	20°36	17°53	23°32	29°36	29°59	1°23	0°58	29°30	6°50	15°47	T 8
W 9	11 6 27	18°15'58	22°57	29°27	8°53	21°9	18°6	23°30	29°38	29°57	1°25	0°51	29°27	6°57	15°50	W 9
T 10	11 10 24	19°16'03	6°7	29°13	10°5	21°41	18°20	23°29	29°41	29°56	1°26	0°42	29°24	7°3	15°53	T 10
F 11	11 14 20	20°16'07	19°30	29°5	11°16	22°14	18°33	23°27	29°44	29°54	1°28	0°34	29°21	7°10	15°57	F 11
S 12	11 18 17	21°16'09	3°6	29°D 5	12°28	22°47	18°46	23°25	29°47	29°52	1°29	0°25	29°18	7°16	16°0	S 12
S 13	11 22 13	22°16'10	16°52	29°10	13°40	23°19	18°59	23°24	29°50	29°51	1°31	0°19	29°15	7°23	16°4	S 13
M14	11 26 10	23°16'09	0°45	29°22	14°52	23°52	19°12	23°23	29°53	29°49	1°32	0°14	29°11	7°30	16°7	M14
T 15	11 30 7	24°16'06	14°45	29°39	16°3	24°24	19°25	23°22	29°56	29°47	1°33	0°12	29°8	7°36	16°11	T 15
W16	11 34 3	25°16'02	28°50	0°1	17°15	24°56	19°38	23°20	29°58	29°46	1°35	0°D12	29°5	7°43	16°14	W16
T 17	11 38 0	26°15'57	12°59	0°28	18°27	25°28	19°51	23°19	0°1	29°44	1°36	0°12	29°2	7°50	16°18	T 17
F 18	11 41 56	27°15'49	27°11	1°0	19°39	26°0	20°4	23°19	0°4	29°42	1°37	0°R13	28°59	7°56	16°21	F 18
S 19	11 45 53	28°15'40	11°36	1°36	20°51	26°32	20°16	23°18	0°7	29°41	1°38	0°12	28°55	8°3	16°25	S 19
S 20	11 49 49	29°15'29	25°34	2°17	22°3	27°3	20°29	23°17	0°11	29°39	1°40	0°10	28°52	8°10	16°28	S 20
M21	11 53 46	0°15'17	9°40	3°1	23°15	27°35	20°42	23°17	0°14	29°37	1°41	0°5	28°49	8°16	16°32	M21
T 22	11 57 42	1°15'02	23°36	3°49	24°27	28°6	20°54	23°16	0°17	29°36	1°42	29°57	28°46	8°23	16°35	T 22
W23	12 1 39	2°14'46	7°20	4°40	25°40	28°37	21°6	23°16	0°20	29°34	1°43	29°47	28°43	8°30	16°39	W23
T 24	12 5 36	3°14'27	20°46	5°34	26°52	29°9	21°19	23°16	0°23	29°32	1°44	29°36	28°40	8°36	16°43	T 24
F 25	12 9 32	4°14'06	3°54	6°31	28°4	29°40	21°31	23°D16	0°26	29°31	1°45	29°25	28°36	8°43	16°46	F 25
S 26	12 13 29	5°13'44	16°41	7°31	29°16	0°10	21°43	23°16	0°29	29°29	1°47	29°15	28°33	8°50	16°50	S 26
S 27	12 17 25	6°13'19	29°9	8°34	0°29	0°41	21°56	23°16	0°32	29°27	1°48	29°6	28°30	8°56	16°54	S 27
M28	12 21 22	7°12'52	11°21	9°39	1°41	1°11	22°8	23°16	0°36	29°26	1°49	29°1	28°27	9°3	16°57	M28
T 29	12 25 18	8°12'23	23°20	10°47	2°53	1°42	22°20	23°16	0°39	29°24	1°50	28°58	28°24	9°10	17°1	T 29
W30	12 29 15	9°11'51	5°21	11°56	4°5	2°12	22°31	23°17	0°42	29°23	1°51	28°D57	28°20	9°16	17°5	W30
T 31	12 33 11	10°11'17	16°59	13°8	5°18	2°42	22°43	23°18	0°45	29°21	1°52	28°57	28°17	9°23	17°8	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s43	26n19	3n43	6s13	3n37	19s22	0n54	22s15	0n29	16s25	0s31	21n25	0n7	10n43	0s31	1n6
W 2	7 20	26 16	2 53	6 41	3 30	19 11	0 50	22 19	0 29	16 21	0 32	21 26	0 7	10 44	0 31	1 7
T 3	6 57	25 2	1 57	7 9	3 23	18 59	0 46	22 23	0 28	16 18	0 32	21 26	0 7	10 45	0 31	1 7
F 4	6 34	22 40	0 55	7 37	3 13	18 47	0 43	22 27	0 27	16 14	0 32	21 27	0 7	10 46	0 31	1 8
S 5	6 11	19 19	0s10	8 4	3 2	18 34	0 39	22 31	0 26	16 10	0 32	21 27	0 7	10 47	0 31	1 8
S 6	5 48	15 6	1 15	8 30	2 51	18 21	0 35	22 35	0 25	16 6	0 32	21 28	0 7	10 48	0 31	1 9
M 7	5 25	10 11	2 18	8 54	2 38	18 7	0 31	22 38	0 24	16 2	0 32	21 28	0 7	10 49	0 31	1 10
T 8	5 1	4 47	3 15	9 16	2 25	17 53	0 27	22 41	0 23	15 58	0 32	21 29	0 7	10 50	0 31	1 10
W 9	4 38	0s56	4 3	9 36	2 11	17 38	0 24	22 45	0 22	15 54	0 32	21 29	0 7	10 51	0 31	1 11
T 10	4 15	6 42	4 39	9 54	1 57	17 22	0 20	22 48	0 21	15 50	0 33	21 29	0 7	10 52	0 31	1 12
F 11	3 51	12 16	5 1	10 10	1 43	17 7	0 16	22 51	0 20	15 46	0 33	21 30	0 8	10 53	0 31	1 12
S 12	3 27	17 19	5 6	10 24	1 29	16 50	0 13	22 54	0 19	15 42	0 33	21 30	0 8	10 54	0 31	1 13
S 13	3 4	21 33	4 54	10 35	1 15	16 33	0 9	22 56	0 18	15 38	0 33	21 30	0 8	10 55	0 31	1 14
M14	2 40	24 36	4 25	10 44	1 1	16 16	0 5	22 59	0 17	15 34	0 33	21 31	0 8	10 56	0 31	1 14
T 15	2 16	26 10	3 39	10 51	0 47	15 58	0 2	23 1	0 16	15 30	0 33	21 31	0 8	10 57	0 31	1 15
W16	1 53	26 4	2 40	10 55	0 34	15 40	0s 2	23 4	0 15	15 26	0 33	21 31	0 8	10 58	0 31	1 16
T 17	1 29	24 17	1 31	10 58	0 21	15 21	0 5	23 6	0 14	15 22	0 34	21 32	0 8	10 59	0 31	1 16
F 18	1 5	20 58	0 16	10 58	0 8	15 2	0 8	23 8	0 12	15 18	0 34	21 32	0 8	11 0	0 31	1 17
S 19	0 41	16 23	0s59	10 57	0s 4	14 43	0 12	23 10	0 11	15 15	0 34	21 32	0 8	11 1	0 31	1 18
S 20	0 18	10 55	2 11	10 53	0 15	14 23	0 15	23 12	0 10	15 11	0 34	21 32	0 8	11 2	0 31	1 18
M21	0n 6	4 56	3 15	10 48	0 26	14 2	0 18	23 14	0 9	15 7	0 34	21 32	0 8	11 3	0 31	1 19
T 22	0 30	1n13	4 5	10 40	0 37	13 42	0 22	23 16	0 8	15 3	0 34	21 33	0 8	11 4	0 31	1 20
W23	0 54	7 12	4 41	10 31	0 47	13 20	0 25	23 17	0 6	14 59	0 34	21 33	0 9	11 5	0 31	1 20
T 24	1 17	12 44	5 0	10 21	0 57	12 59	0 28	23 19	0 5	14 55	0 35	21 33	0 9	11 7	0 31	1 21
F 25	1 41	17 32	5 2	10 8	1 6	12 37	0 31	23 20	0 4	14 52	0 35	21 33	0 9	11 8	0 31	1 22
S 26	2 4	21 25	4 50	9 54	1 15	12 15	0 34	23 22	0 3	14 48	0 35	21 33	0 9	11 9	0 31	1 22
S 27	2 28	24 13	4 23	9 38	1 24	11 52	0 37	23 23	0 1	14 44	0 35	21 33	0 9	11 10	0 31	1 23
M28	2 52	25 49	3 45	9 21	1 31	11 29	0 40	23 24	0s 0	14 40	0 35	21 33	0 9	11 11	0 31	1 24
T 29	3 15	26 12	2 58	9 2	1 39	11 6	0 43	23 25	0 2	14 36	0 35	21 33	0 9	11 12	0 31	1 24
W30	3 38	25 21	2 3	8 42	1 46	10 42	0 46	23 26	0 3	14 33	0 35	21 33	0 9	11 13	0 31	1 25
T 31	4n 2	23n22	1n 3	8s20	1s52	10s18	0s48	23s27	0s 4	14s29	0s36	21n33	0n 9	11n15	0s31	1n26

Julian Day Number = 2550219.5, Delta T = 248.83 sec

Ecliptic obliquity = 23°24'20, Nutation = 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°30'59, Lahiri = 27°37'59

ASTRODIENST EPHEMERIS for the year 2270

geocentric

APRIL 2270

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 8	11°10'41	28°50	14°22	6°30	3°12	22°55	23°18	0°49	29°19	1°53	28°57	28°14	9°30	17°12	F 1
S 2	12 41 5	12°10'02	10°49	15°38	7°43	3°41	23° 7	23°19	0°52	29°18	1°53	28°56	28°11	9°36	17°16	S 2
S 3	12 45 1	13° 9'22	23° 1	16°56	8°55	4°11	23°18	23°20	0°55	29°16	1°54	28°54	28° 8	9°43	17°19	S 3
M 4	12 48 58	14° 8'39	5°11	18°15	10° 7	4°40	23°30	23°21	0°59	29°14	1°55	28°49	28° 5	9°50	17°23	M 4
T 5	12 52 54	15° 7'53	18°20	19°37	11°20	5° 9	23°41	23°22	1° 2	29°13	1°56	28°41	28° 1	9°56	17°27	T 5
W 6	12 56 51	16° 7'06	1°31	21° 0	12°32	5°38	23°53	23°23	1° 5	29°11	1°57	28°31	27°58	10° 3	17°31	W 6
T 7	13 0 47	17° 6'16	15° 2	22°24	13°45	6° 7	24° 4	23°25	1° 9	29°10	1°58	28°20	27°55	10° 9	17°34	T 7
F 8	13 4 44	18° 5'24	28°51	23°51	14°57	6°36	24°15	23°26	1°12	29° 8	1°58	28° 7	27°52	10°16	17°38	F 8
S 9	13 8 40	19° 4'31	12°54	25°19	16°10	7° 4	24°26	23°28	1°15	29° 7	1°59	27°56	27°49	10°23	17°42	S 9
S 10	13 12 37	20° 3'35	27° 6	26°49	17°23	7°32	24°37	23°29	1°19	29° 5	2° 0	27°46	27°46	10°29	17°45	S 10
M 11	13 16 34	21° 2'38	11°22	28°20	18°35	8° 0	24°48	23°31	1°22	29° 4	2° 0	27°39	27°42	10°36	17°49	M 11
T 12	13 20 30	22° 1'39	25°37	29°53	19°48	8°28	24°58	23°33	1°26	29° 2	2° 1	27°35	27°39	10°43	17°53	T 12
W 13	13 24 27	23° 0'39	9°30	1°17	21° 1	8°55	25° 9	23°35	1°29	29° 1	2° 2	27°33	27°36	10°49	17°56	W 13
T 14	13 28 23	23°59'36	23°57	3° 3	22°13	9°23	25°20	23°37	1°32	28°59	2° 2	27°33	27°33	10°56	18° 0	T 14
F 15	13 32 20	24°58'32	7°59	4°40	23°26	9°50	25°30	23°39	1°36	28°58	2° 3	27°33	27°30	11° 3	18° 4	F 15
S 16	13 36 16	25°57'26	21°54	6°19	24°39	10°16	25°40	23°42	1°39	28°56	2° 3	27°32	27°26	11° 9	18° 8	S 16
S 17	13 40 13	26°56'19	5°42	8° 0	25°51	10°43	25°51	23°44	1°43	28°55	2° 4	27°28	27°23	11°16	18°11	S 17
M 18	13 44 9	27°55'09	19°23	9°42	27° 4	11° 9	26° 1	23°47	1°46	28°53	2° 4	27°22	27°20	11°23	18°15	M 18
T 19	13 48 6	28°53'58	2°14	11°26	28°17	11°35	26°11	23°49	1°50	28°52	2° 5	27°12	27°17	11°29	18°19	T 19
W 20	13 52 3	29°52'45	16°13	13°11	29°29	12° 1	26°21	23°52	1°53	28°50	2° 5	27° 1	27°14	11°36	18°22	W 20
T 21	13 55 59	0°51'30	29°20	14°58	0°14	12°27	26°30	23°55	1°56	28°49	2° 5	26°48	27°11	11°43	18°26	T 21
F 22	13 59 56	1°50'13	12°12	16°46	1°55	12°52	26°40	23°58	2° 0	28°48	2° 6	26°34	27° 7	11°49	18°30	F 22
S 23	14 3 52	2°48'54	24°48	18°36	3° 8	13°17	26°50	24° 1	2° 3	28°46	2° 6	26°22	27° 4	11°56	18°33	S 23
S 24	14 7 49	3°47'33	7°11	20°28	4°21	13°41	26°59	24° 4	2° 7	28°45	2° 6	26°12	27° 1	12° 3	18°37	S 24
M 25	14 11 45	4°46'10	19°17	22°21	5°33	14° 6	27° 8	24° 7	2°10	28°44	2° 7	26° 5	26°58	12° 9	18°40	M 25
T 26	14 15 42	5°44'45	1°14	24°15	6°46	14°30	27°18	24°10	2°14	28°43	2° 7	26° 0	26°55	12°16	18°44	T 26
W 27	14 19 38	6°43'18	13° 4	26°12	7°59	14°53	27°27	24°14	2°17	28°41	2° 7	25°58	26°52	12°22	18°48	W 27
T 28	14 23 35	7°41'49	24°51	28°10	9°12	15°17	27°36	24°17	2°21	28°40	2° 7	25°D57	26°48	12°29	18°51	T 28
F 29	14 27 32	8°40'18	6°42	0°8	10°25	15°40	27°44	24°21	2°24	28°39	2° 7	25°R57	26°45	12°36	18°55	F 29
S 30	14 31 28	9°38'44	18°40	2°10	11°38	16°3	27°53	24°25	2°27	28°38	2° 8	25°S57	26°42	12°42	18°58	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	4n25	20n22	0n 1	7s57	1s58	9s54	0s51	23s28	0s 6	14s25	0s36	21n33	0n 9	11n16	0s31	1n26	1n16	21s36	1s56	20s20	20s29	24n43	7n59	1n21	
S 2	4 48	16 29	1s 3	7 33	2 3	9 30	0 54	23 29	0 7	14 22	0 36	21 33	0 9	11 17	0 31	1 27	1 16	21 36	1 56	20 21	20 30	24 42	8 1	1 21	
S 3	5 11	11 52	2 4	7 7	2 8	9 5	0 56	23 29	0 9	14 18	0 36	21 33	0 9	11 18	0 31	1 28	1 16	21 36	1 57	20 21	20 30	24 41	8 2	1 21	
M 4	5 34	6 40	3 1	6 40	2 13	8 40	0 59	23 30	0 10	14 14	0 36	21 33	0 10	11 19	0 31	1 28	1 16	21 36	1 57	20 22	20 31	24 39	8 3	1 21	
T 5	5 57	1 4	3 50	6 12	2 16	8 15	1 1	23 30	0 12	14 11	0 36	21 33	0 10	11 20	0 31	1 29	1 16	21 36	1 57	20 24	20 32	24 38	8 5	1 20	
W 6	6 20	4s42	4 28	5 43	2 20	7 49	1 4	23 31	0 13	14 7	0 37	21 33	0 10	11 21	0 31	1 29	1 16	21 36	1 57	20 26	20 32	24 37	8 6	1 20	
T 7	6 43	10 25	4 53	5 12	2 23	7 24	1 6	23 31	0 15	14 4	0 37	21 32	0 10	11 23	0 31	1 30	1 16	21 36	1 57	20 28	20 33	24 35	8 7	1 20	
F 8	7 5	15 44	5 1	4 40	2 25	6 58	1 8	23 31	0 17	14 0	0 37	21 32	0 10	11 24	0 31	1 31	1 16	21 36	1 57	20 30	20 34	24 34	8 9	1 20	
S 9	7 28	20 18	4 51	4 7	2 27	6 32	1 10	23 31	0 18	13 57	0 37	21 32	0 10	11 25	0 31	1 31	1 16	21 36	1 57	20 33	20 34	24 32	8 10	1 20	
S 10	7 50	23 44	4 23	3 33	2 29	6 5	1 12	23 32	0 20	13 53	0 37	21 32	0 10	11 26	0 31	1 32	1 16	21 36	1 58	20 35	20 35	24 31	8 11	1 20	
M11	8 12	25 43	3 38	2 57	2 30	5 39	1 14	23 32	0 22	13 50	0 37	21 32	0 10	11 27	0 31	1 33	1 16	21 36	1 58	20 36	20 35	24 30	8 13	1 20	
T 12	8 34	26 0	2 40	2 21	2 30	5 12	1 16	23 32	0 24	13 46	0 38	21 31	0 10	11 29	0 31	1 33	1 16	21 36	1 58	20 37	20 36	24 28	8 14	1 20	
W13	8 56	24 35	1 32	1 43	2 30	4 45	1 18	23 32	0 25	13 43	0 38	21 31	0 10	11 30	0 31	1 34	1 16	21 36	1 58	20 37	20 37	24 27	8 16	1 20	
T 14	9 18	21 36	0 19	1 5	2 30	4 18	1 20	23 32	0 27	13 39	0 38	21 31	0 10	11 31	0 30	1 34	1 16	21 36	1 58	20 37	20 37	24 26	8 17	1 20	
F 15	9 39	17 22	0n55	0 25	2 29	3 51	1 21	23 32	0 29	13 36	0 38	21 30	0 10	11 32	0 30	1 35	1 16	21 36	1 58	20 37	20 38	24 24	8 18	1 20	
S 16	10 1	12 13	2 5	0n15	2 27	3 24	1 23	23 31	0 31	13 33	0 38	21 30	0 11	11 33	0 30	1 35	1 16	21 36	1 58	20 38	20 39	24 23	8 20	1 20	
S 17	10 22	6 30	3 7	0 57	2 25	2 56	1 25	23 31	0 33	13 30	0 39	21 30	0 11	11 35	0 30	1 36	1 16	21 36	1 59	20 38	20 39	24 21	8 21	1 20	
M18	10 43	0 33	3 57	1 39	2 23	2 29	1 26	23 31	0 35	13 26	0 39	21 29	0 11	11 36	0 30	1 37	1 16	21 36	1 59	20 40	20 40	24 20	8 22	1 20	
T 19	11 4	5n20	4 34	2 22	2 20	2 1	1 28	23 31	0 37	13 23	0 39	21 29	0 11	11 37	0 30	1 37	1 16	21 36	1 59	20 41	20 40	24 18	8 24	1 19	
W20	11 25	10 54	4 55	3 6	2 16	1 34	1 29	23 30	0 39	13 20	0 39	21 29	0 11	11 38	0 30	1 38	1 16	21 36	1 59	20 44	20 41	24 17	8 25	1 19	
T 21	11 45	15 53	5 0	3 51	2 12	1 6	1 30	23 30	0 41	13 17	0 39	21 28	0 11	11 39	0 30	1 38	1 16	21 36	1 59	20 46	20 42	24 16	8 26	1 19	
F 22	12 6	20 4	4 49	4 37	2 8	0 38	1 31	23 30	0 43	13 14	0 40	21 28	0 11	11 40	0 30	1 39	1 16	21 36	1 59	20 49	20 42	24 14	8 28	1 19	
S 23	12 26	23 13	4 25	5 23	2 3	0 10	1 32	23 30	0 45	13 11	0 40	21 27	0 11	11 42	0 30	1 39	1 16	21 36	1 59	20 51	20 43	24 13	8 29	1 19	
S 24	12 46	25 13	3 48	6 10	1 57	0n18	1 33	23 29	0 47	13 8	0 40	21 27	0 11	11 43	0 30	1 40	1 16	21 36	2 0	20 53	20 43	24 11	8 30	1 19	
M25	13 6	25 59	3 1	6 58	1 51	0 46	1 34	23 29	0 50	13 5	0 40	21 26	0 11	11 44	0 30	1 40	1 16	21 36	2 0	20 54	20 44	24 10	8 32	1 19	
T 26	13 25	25 31	2 7	7 46	1 44	1 14	1 35	23 29	0 52	13 2	0 40	21 26	0 11	11 45	0 30	1 41	1 16	21 36	2 0	20 55	20 45	24 8	8 33	1 19	
W27	13 44	23 53	1 8	8 35	1 37	1 42	1 36	23 28	0 54	12 59	0 41	21 25	0 11	11 46	0 30	1 41	1 16	21 37	2 0	20 56	20 45	24 7	8 34	1 19	
T 28	14 3	21 13	0 6	9 24	1 30	2 10	1 37	23 28	0 56	12 56	0 41	21 25	0 11	11 48	0 30	1 42	1 16	21 37	2 0	20 56	20 46	24 5	8 36	1 19	
F 29	14 22	17 39	0s57	10 14	1 22	2 37	1 37	23 28	0 59	12 53	0 41	21 24	0 11	11 49	0 30	1 42	1 16	21 37	2 0	20 56	20 47	24 4	8 37	1 19	
S 30	14n41	13n21	1s58	11n 3	1s14	3n 5	1s38	23s27	1s 1	12s50	0s41	21n24	0n12	11n50	0s30	1n43	1n16	21s37	2s 0	20s56	20s47	24n 2	8n38	1n19	

ASTRODIENST EPHEMERIS for the year 2270

geocentric

MAY 2270

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 25	10♂37'08	0♂53	4♂13	12♂50	16♂25	28♂2	24♂28	2♂31	28♂R37	2♂8	25♂R55	26♂39	12♂49	19♂9 2	S 1
M 2	14 39 21	11°35'30	13°25	6°16	14° 3	16°47	28°10	24°32	2°34	28♂35	2° 8	25♂51	26°36	12°56	19° 5	M 2
T 3	14 43 18	12°33'51	26°19	8°21	15°16	17° 9	28°18	24°36	2°38	28°34	2°R 8	25°45	26°32	13° 2	19° 9	T 3
W 4	14 47 14	13°32'09	9♂38	10°28	16°29	17°30	28°26	24°40	2°41	28°33	2° 8	25°37	26°29	13° 9	19°12	W 4
T 5	14 51 11	14°30'25	23°22	12°35	17°42	17°51	28°34	24°44	2°44	28°32	2° 8	25°26	26°26	13°16	19°16	T 5
F 6	14 55 7	15°28'39	7♂30	14°44	18°55	18°12	28°42	24°49	2°48	28°31	2° 8	25°15	26°23	13°22	19°19	F 6
S 7	14 59 4	16°26'51	21°56	16°53	20° 8	18°32	28°50	24°53	2°51	28°30	2° 8	25° 5	26°20	13°29	19°22	S 7
S 8	15 3 1	17°25'02	6♂33	19° 2	21°21	18°51	28°58	24°57	2°54	28°29	2° 7	24°56	26°17	13°36	19°26	S 8
M 9	15 6 57	18°23'12	21°14	21°12	22°33	19°11	29° 5	25° 2	2°58	28°28	2° 7	24°50	26°13	13°42	19°29	M 9
T 10	15 10 54	19°21'20	5♂53	23°22	23°46	19°30	29°12	25° 6	3° 1	28°27	2° 7	24°46	26°10	13°49	19°33	T 10
W11	15 14 50	20°19'26	20°24	25°32	24°59	19°48	29°19	25°11	3° 5	28°26	2° 7	24°D45	26° 7	13°56	19°36	W11
T 12	15 18 47	21°17'31	4♂43	27°41	26°12	20° 6	29°27	25°16	3° 8	28°26	2° 7	24°45	26° 4	14° 2	19°39	T 12
F 13	15 22 43	22°15'34	18°48	29°49	27°25	20°24	29°33	25°21	3°11	28°25	2° 6	24°R46	26° 1	14° 9	19°42	F 13
S 14	15 26 40	23°13'36	2♂38	1♂56	28°38	20°41	29°40	25°26	3°14	28°24	2° 6	24°46	25°58	14°16	19°46	S 14
S 15	15 30 36	24°11'37	16°14	4° 2	29°51	20°58	29°47	25°30	3°18	28°23	2° 6	24°43	25°54	14°22	19°49	S 15
M16	15 34 33	25° 9'37	29°37	6° 6	1♂ 4	21°14	29°53	25°36	3°21	28°22	2° 5	24°39	25°51	14°29	19°52	M16
T 17	15 38 30	26° 7'35	12♂47	8° 8	2°17	21°30	29°59	25°41	3°24	28°22	2° 5	24°32	25°48	14°35	19°55	T 17
W18	15 42 26	27° 5'32	25°45	10° 8	3°30	21°45	0♂ 5	25°46	3°27	28°21	2° 5	24°23	25°45	14°42	19°58	W18
T 19	15 46 23	28° 3'27	8♂30	12° 6	4°43	21°59	0°11	25°51	3°31	28°20	2° 4	24°13	25°42	14°49	20° 1	T 19
F 20	15 50 19	29° 1'21	21° 3	14° 1	5°56	22°13	0°17	25°56	3°34	28°20	2° 4	24° 3	25°38	14°55	20° 4	F 20
S 21	15 54 16	29°59'14	3♂25	15°54	7° 9	22°27	0°23	26° 2	3°37	28°19	2° 3	23°54	25°35	15° 2	20° 8	S 21
S 22	15 58 12	0♂57'05	15°35	17°43	8°22	22°40	0°28	26° 7	3°40	28°18	2° 3	23°46	25°32	15° 9	20°11	S 22
M23	16 2 9	1°54'55	27°35	19°30	9°35	22°52	0°33	26°13	3°43	28°18	2° 2	23°41	25°29	15°15	20°14	M23
T 24	16 6 5	2°52'44	9♂27	21°13	10°48	23° 4	0°39	26°18	3°46	28°17	2° 2	23°37	25°26	15°22	20°16	T 24
W25	16 10 2	3°50'30	21°15	22°54	12° 1	23°15	0°43	26°24	3°50	28°17	2° 1	23°D36	25°23	15°29	20°19	W25
T 26	16 13 59	4°48'15	3♂ 2	24°31	13°14	23°26	0°48	26°30	3°53	28°16	2° 1	23°37	25°19	15°35	20°22	T 26
F 27	16 17 55	5°45'59	14°52	26° 5	14°27	23°36	0°53	26°36	3°56	28°16	2° 0	23°38	25°16	15°42	20°25	F 27
S 28	16 21 52	6°43'41	26°50	27°36	15°40	23°45	0°57	26°42	3°59	28°16	1°59	23°39	25°13	15°49	20°28	S 28
S 29	16 25 48	7°41'21	9♂ 1	29° 4	16°53	23°54	1° 2	26°48	4° 2	28°15	1°59	23°R40	25°10	15°55	20°31	S 29
M30	16 29 45	8°39'00	21°31	0♂28	18° 6	24° 2	1° 6	26°54	4° 5	28°15	1°58	23°39	25° 7	16° 2	20°33	M30
T 31	16 33 41	9♂36'38	4♂24	1♂48	19♂19	24♂10	1♂10	27♂ 0	4♂ 8	28♂15	1♂57	23♂36	25♂ 4	16♂ 9	20♂36	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
S 1	14n59	8n26	2s54	11n53	1s 5	3n33	1s38	23s27	1s 4	12s47	0s41	21n23	0n12	11n51	0s30	1n43	1n16	21s37	2s 1	20s56	20s48	24n 1	8n39	1n19					
M 2	15 17	3 4	3 44	12 43	0 56	4 1	1 39	23 27	1 6	12 45	0 42	21 23	0 12	11 52	0 30	1 43	1 16	21 37	2 1	20 57	20 48	23 59	8 41	1 19					
T 3	15 35	2s34	4 24	13 32	0 46	4 29	1 39	23 27	1 9	12 42	0 42	21 22	0 12	11 53	0 30	1 44	1 16	21 37	2 1	20 58	20 49	23 58	8 42	1 19					
W 4	15 53	8 16	4 51	14 22	0 37	4 56	1 39	23 26	1 11	12 39	0 42	21 21	0 12	11 55	0 30	1 44	1 16	21 37	2 1	20 59	20 50	23 56	8 43	1 19					
T 5	16 10	13 44	5 2	15 10	0 27	5 24	1 40	23 26	1 14	12 37	0 42	21 21	0 12	11 56	0 30	1 45	1 16	21 38	2 1	21 1	20 50	23 55	8 45	1 19					
F 6	16 27	18 39	4 56	15 58	0 16	5 52	1 40	23 26	1 17	12 34	0 42	21 20	0 12	11 57	0 30	1 45	1 16	21 38	2 1	21 3	20 51	23 53	8 46	1 19					
S 7	16 44	22 34	4 30	16 46	0 6	6 19	1 40	23 26	1 19	12 32	0 43	21 19	0 12	11 58	0 30	1 45	1 16	21 38	2 2	21 5	20 51	23 52	8 47	1 19					
S 8	17 0	25 6	3 47	17 32	0n 5	6 46	1 40	23 26	1 22	12 29	0 43	21 18	0 12	11 59	0 30	1 46	1 16	21 38	2 2	21 7	20 52	23 50	8 48	1 19					
M 9	17 17	25 55	2 48	18 17	0 15	7 13	1 40	23 26	1 25	12 27	0 43	21 18	0 12	12 0	0 30	1 46	1 16	21 38	2 2	21 8	20 53	23 49	8 50	1 18					
T 10	17 33	24 55	1 39	19 0	0 26	7 41	1 39	23 26	1 28	12 25	0 43	21 17	0 12	12 2	0 30	1 46	1 16	21 38	2 2	21 8	20 53	23 47	8 51	1 18					
W11	17 48	22 14	0 23	19 42	0 36	8 7	1 39	23 26	1 31	12 22	0 44	21 16	0 12	12 3	0 30	1 47	1 16	21 39	2 2	21 9	20 54	23 46	8 52	1 18					
T 12	18 3	18 12	0n53	20 22	0 47	8 34	1 39	23 27	1 34	12 20	0 44	21 15	0 12	12 4	0 30	1 47	1 16	21 39	2 2	21 9	20 54	23 44	8 53	1 18					
F 13	18 18	13 12	2 5	21 0	0 57	9 1	1 38	23 27	1 37	12 18	0 44	21 15	0 13	12 5	0 30	1 47	1 16	21 39	2 2	21 9	20 55	23 43	8 54	1 18					
S 14	18 33	7 36	3 8	21 36	1 6	9 27	1 38	23 27	1 40	12 16	0 44	21 14	0 13	12 6	0 30	1 48	1 16	21 39	2 3	21 9	20 56	23 41	8 56	1 18					
S 15	18 48	1 45	3 59	22 10	1 16	9 53	1 37	23 28	1 43	12 14	0 44	21 13	0 13	12 7	0 30	1 48	1 16	21 39	2 3	21 9	20 56	23 39	8 57	1 18					
M16	19 2	4n 5	4 37	22 41	1 24	10 19	1 37	23 28	1 46	12 12	0 45	21 12	0 13	12 8	0 30	1 48	1 16	21 40	2 3	21 10	20 57	23 38	8 58	1 18					
T 17	19 15	9 38	4 59	23 10	1 33	10 45	1 36	23 29	1 49	12 10	0 45	21 11	0 13	12 9	0 30	1 49	1 16	21 40	2 3	21 11	20 57	23 36	8 59	1 18					
W18	19 29	14 40	5 5	23 36	1 40	11 10	1 35	23 30	1 52	12 8	0 45	21 10	0 13	12 10	0 30	1 49	1 16	21 40	2 3	21 13	20 58	23 35	9 0	1 18					
T 19	19 42	18 59	4 56	23 59	1 47	11 36	1 34	23 31	1 56	12 6	0 45	21 9	0 13	12 12	0 30	1 49	1 16	21 40	2 3	21 14	20 58	23 33	9 1	1 18					
F 20	19 55	22 22	4 32	24 20	1 54	12 1	1 34	23 32	1 59	12 4	0 46	21 9	0 13	12 13	0 30	1 49	1 16	21 41	2 3	21 16	20 59	23 31	9 3	1 18					
S 21	20 7	24 40	3 56	24 38	1 59	12 25	1 33	23 33	2 2	12 2	0 46	21 8	0 13	12 14	0 30	1 49	1 16	21 41	2 4	21 18	21 0	23 30	9 4	1 18					
S 22	20 19	25 46	3 10	24 54	2 4	12 50	1 32	23 34	2 6	12 1	0 46	21 7	0 13	12 15	0 30	1 50	1 16	21 41	2 4	21 19	21 0	23 28	9 5	1 18					
M23	20 31	25 38	2 15	25 7	2 8	13 14	1 30	23 36	2 9	11 59	0 46	21 6	0 13	12 16	0 30	1 50	1 16	21 41	2 4	21 20	21 1	23 27	9 6	1 18					
T 24	20 42	24 20	1 16	25 18	2 12	13 38	1 29	23 37	2 13	11 57	0 47	21 5	0 13	12 17	0 30	1 50	1 15	21 42	2 4	21 21	21 1	23 25	9 7	1 18					
W25	20 53	21 56	0 13	25 27	2 14	14 1	1 28	23 39	2 16	11 56	0 47	21 4	0 13	12 18	0 30	1 50	1 15	21 42	2 4	21 21	21 2	23 23	9 8	1 18					
T 26	21 4	18 38	0s51	25 33	2 16	14 24	1 27	23 40	2 20	11 54	0 47	21 3	0 13	12 19	0 30	1 50	1 15	21 42	2 4	21 21	21 3	23 22	9 9	1 18					
F 27	21 14	14 34	1 52	25 37	2 17	14 47	1 26	23 42	2 24	11 53	0 47	21 2	0 14	12 20	0 30	1 50	1 15	21 42	2 4	21 20	21 3	23 20	9 10	1 18					
S 28	21 24	9 53	2 50	25 40	2 17	15 10	1 24	23 44	2 27	11 52	0 48	21 1	0 14	12 21	0 30	1 51	1 15	21 43	2 5	21 20	21 4	23 18	9 11	1 18					
S 29	21 34	4 45	3 41	25 40	2 16	15 32	1 23	23 47	2 31	11 50	0 48	20 59	0 14	12 22	0 30	1 51	1 15	21 43	2 5	21 20	21 4	23 17	9 12	1 18					
M30	21 43	0s40	4 23	25 38	2 14	15 54	1 21	23 49	2 35	11 49	0 48	20 58	0 14	12 23	0 30	1 51	1 15	21 43	2 5	21 20	21 5	23 15	9 13	1 18					
T 31	21n52	6s14	4s53	25n35	2n12	16n15	1s20	23s51	2s39	11s48	0s48	20n57	0n14	12n24	0s30	1n51	1n15	21s44	2s 5	21s21	21s 5	23n13	9n14	1n18					

ASTRODIENST EPHEMERIS for the year 2270
geocentric

JUNE 2270

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	16 37 38	10 ^{II} 34°14'	17 ^{II} 44	3 ^{III} 6	20 ^{III} 33	24 ^{III} 16	1 ^{III} 13	27 ^{III} 6	4 ^{III} 11	28°R14	1°R56	23°R32	25 ^{III} 0	16 ^{III} 15	20 ^{III} 39	W 1
T 2	16 41 34	11°31'48"	1 ^{III} 30	4°19'	21°46'	24°23'	1°17'	27°12'	4°13'	28 ^{III} 14	1 ^{III} 56	23 ^{III} 26	24°57'	16°22'	20°41'	T 2
F 3	16 45 31	12°29'21"	15°44'	5°30'	22°59'	24°28'	1°20'	27°18'	4°16'	28°14'	1°55'	23°20'	24°54'	16°28'	20°44'	F 3
S 4	16 49 28	13°26'53"	0 ^{III} 21	6°36'	24°12'	24°33'	1°23'	27°24'	4°19'	28°14'	1°54'	23°14'	24°51'	16°35'	20°47'	S 4
S 5	16 53 24	14°24'24"	15°14'	7°39'	25°25'	24°37'	1°26'	27°31'	4°22'	28°14'	1°53'	23° 9'	24°48'	16°42'	20°49'	S 5
M 6	16 57 21	15°21'54"	0 ^{III} 15	8°38'	26°38'	24°40'	1°29'	27°37'	4°25'	28°13'	1°52'	23° 5'	24°44'	16°48'	20°52'	M 6
T 7	17 1 17	16°19'23"	15°15'	9°34'	27°51'	24°43'	1°32'	27°44'	4°28'	28°13'	1°51'	23° 4'	24°41'	16°55'	20°54'	T 7
W 8	17 5 14	17°16'51"	0 ^{III} 7	10°25'	29° 4'	24°45'	1°34'	27°50'	4°30'	28°13'	1°51'	23°D 4'	24°38'	17° 2'	20°56'	W 8
T 9	17 9 10	18°14'19"	14°44'	11°13'	0 ^{III} 17	24°46'	1°37'	27°57'	4°33'	28°D13	1°50'	23° 5'	24°35'	17° 8'	20°59'	T 9
F 10	17 13 7	19°11'45"	29° 1'	11°57'	1°30'	24°R46	1°39'	28° 3'	4°36'	28°13'	1°49'	23° 6'	24°32'	17°15'	21° 1'	F 10
S 11	17 17 3	20° 9'11"	12 ^{III} 58	12°36'	2°44'	24°46'	1°41'	28°10'	4°38'	28°13'	1°48'	23° 7'	24°29'	17°22'	21° 3'	S 11
S 12	17 21 0	21° 6'36"	26°34'	13°11'	3°57'	24°45'	1°42'	28°17'	4°41'	28°13'	1°47'	23°R 7'	24°25'	17°28'	21° 6'	S 12
M13	17 24 57	22° 4'01"	9 ^{III} 50	13°42'	5°10'	24°43'	1°44'	28°23'	4°44'	28°14'	1°46'	23° 6'	24°22'	17°35'	21° 8'	M13
T 14	17 28 53	23° 1'25"	22°48'	14° 9'	6°23'	24°41'	1°45'	28°30'	4°46'	28°14'	1°45'	23° 3'	24°19'	17°42'	21°10'	T 14
W15	17 32 50	23°58'48"	5 ^{III} 30	14°31'	7°36'	24°37'	1°46'	28°37'	4°49'	28°14'	1°44'	23° 0'	24°16'	17°48'	21°12'	W15
T 16	17 36 46	24°56'11"	17°59'	14°48'	8°50'	24°33'	1°47'	28°44'	4°51'	28°14'	1°43'	22°55'	24°13'	17°55'	21°14'	T 16
F 17	17 40 43	25°53'34"	0 ^{III} 16	15° 2'	10° 3'	24°28'	1°48'	28°51'	4°54'	28°14'	1°42'	22°51'	24°10'	18° 2'	21°16'	F 17
S 18	17 44 39	26°50'56"	12°23'	15°10'	11°16'	24°23'	1°49'	28°58'	4°56'	28°15'	1°40'	22°46'	24° 6'	18° 8'	21°18'	S 18
S 19	17 48 36	27°48'17"	24°22'	15°R14	12°29'	24°16'	1°49'	29° 5'	4°58'	28°15'	1°39'	22°43'	24° 3'	18°15'	21°20'	S 19
M20	17 52 33	28°45'38"	6 ^{III} 15	15°13'	13°43'	24° 9'	1°R49	29°12'	5° 1'	28°15'	1°38'	22°41'	24° 0'	18°21'	21°22'	M20
T 21	17 56 29	29°42'58"	18° 3'	15° 8'	14°56'	24° 1'	1°49'	29°19'	5° 3'	28°16'	1°37'	22°D40	23°57'	18°28'	21°24'	T 21
W22	18 0 26	0 ^{III} 40'17"	29°50'	14°59'	16° 9'	23°53'	1°49'	29°26'	5° 5'	28°16'	1°36'	22°40'	23°54'	18°35'	21°26'	W22
T 23	18 4 22	1°37'35"	11 ^{III} 237	14°45'	17°22'	23°43'	1°48'	29°33'	5° 8'	28°17'	1°35'	22°41'	23°50'	18°41'	21°27'	T 23
F 24	18 8 19	2°34'53"	23°29'	14°28'	18°36'	23°33'	1°48'	29°41'	5°10'	28°17'	1°33'	22°42'	23°47'	18°48'	21°29'	F 24
S 25	18 12 15	3°32'10"	5 ^{III} 29	14° 7'	19°49'	23°23'	1°47'	29°48'	5°12'	28°17'	1°32'	22°44'	23°44'	18°55'	21°31'	S 25
S 26	18 16 12	4°29'27"	17°42'	13°42'	21° 2'	23°12'	1°46'	29°55'	5°14'	28°18'	1°31'	22°45'	23°41'	19° 1'	21°32'	S 26
M27	18 20 8	5°26'42"	0 ^{III} 10	13°14'	22°16'	23° 0'	1°45'	0 ^{III} 2	5°16'	28°19'	1°30'	22°R46	23°38'	19° 8'	21°34'	M27
T 28	18 24 5	6°23'57"	13° 0'	12°44'	23°29'	22°47'	1°43'	0°10'	5°18'	28°19'	1°28'	22°46'	23°35'	19°15'	21°35'	T 28
W29	18 28 2	7°21'12"	26°14'	12°11'	24°42'	22°34'	1°42'	0°17'	5°20'	28°20'	1°27'	22°45'	23°31'	19°21'	21°37'	W29
T 30	18 31 58	8 ^{III} 18'25"	9 ^{III} 56	11 ^{III} 37	25 ^{III} 52	22 ^{III} 20	1 ^{III} 40	0 ^{III} 24	5 ^{III} 22	28 ^{III} 20	1 ^{III} 26	22 ^{III} 44	23 ^{III} 28	19 ^{III} 28	21 ^{III} 38	T 30

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	decl	lat	
W 1	22n 0	11s41	5s 8	25n30	2n 8	16n36	1s18	23s54	2s43	11s47	0s49	20n56	0n14	12n25	0s30	1n51	1n15	21s44	2s 5	21s22	21s 6	23n12	9n15	1n18											
T 2	22 8	16 46	5 7	25 24	2 4	16 57	1 17	23 57	2 47	11 46	0 49	20 55	0 14	12 26	0 30	1 51	1 15	21 44	2 5	21 22	21 7	23 10	9 16	1 18											
F 3	22 16	21 6	4 47	25 16	1 59	17 17	1 15	24 0	2 51	11 45	0 49	20 54	0 14	12 27	0 30	1 51	1 15	21 45	2 5	21 24	21 7	23 8	9 17	1 18											
S 4	22 23	24 14	4 8	25 7	1 53	17 37	1 13	24 3	2 55	11 44	0 49	20 53	0 14	12 28	0 30	1 51	1 15	21 45	2 6	21 25	21 8	23 7	9 18	1 18											
S 5	22 30	25 45	3 11	24 57	1 46	17 56	1 11	24 6	2 59	11 43	0 50	20 52	0 14	12 29	0 31	1 51	1 15	21 45	2 6	21 25	21 8	23 5	9 19	1 18											
M 6	22 36	25 25	2 1	24 46	1 38	18 15	1 10	24 10	3 3	11 42	0 50	20 50	0 14	12 30	0 31	1 51	1 15	21 45	2 6	21 26	21 9	23 3	9 20	1 18											
T 7	22 42	23 14	0 42	24 33	1 30	18 33	1 8	24 13	3 7	11 42	0 50	20 49	0 14	12 31	0 31	1 51	1 15	21 46	2 6	21 26	21 9	23 2	9 21	1 18											
W 8	22 48	19 28	0n38	24 20	1 21	18 51	1 6	24 17	3 12	11 41	0 50	20 48	0 14	12 31	0 31	1 51	1 15	21 46	2 6	21 26	21 10	23 0	9 22	1 18											
T 9	22 53	14 33	1 56	24 6	1 11	19 8	1 4	24 21	3 16	11 41	0 51	20 47	0 14	12 32	0 31	1 51	1 15	21 46	2 6	21 26	21 11	22 58	9 23	1 18											
F 10	22 58	8 55	3 4	23 52	1 0	19 25	1 2	24 25	3 20	11 40	0 51	20 46	0 15	12 33	0 31	1 51	1 15	21 47	2 6	21 26	21 11	22 57	9 23	1 18											
S 11	23 2	3 0	4 0	23 37	0 48	19 42	1 0	24 30	3 24	11 40	0 51	20 44	0 15	12 34	0 31	1 51	1 15	21 47	2 6	21 26	21 12	22 55	9 24	1 18											
S 12	23 6	2n55	4 40	23 21	0 36	19 58	0 58	24 34	3 29	11 39	0 51	20 43	0 15	12 35	0 31	1 51	1 15	21 48	2 7	21 26	21 12	22 53	9 25	1 18											
M13	23 10	8 33	5 5	23 5	0 23	20 13	0 56	24 39	3 33	11 39	0 52	20 42	0 15	12 36	0 31	1 51	1 15	21 48	2 7	21 26	21 13	22 51	9 26	1 18											
T 14	23 13	13 42	5 13	22 49	0 9	20 28	0 54	24 43	3 37	11 39	0 52	20 40	0 15	12 37	0 31	1 51	1 15	21 48	2 7	21 26	21 13	22 50	9 27	1 18											
W15	23 16	18 8	5 6	22 32	0s 5	20 42	0 51	24 48	3 42	11 39	0 52	20 39	0 15	12 38	0 31	1 51	1 15	21 49	2 7	21 27	21 14	22 48	9 28	1 18											
T 16	23 19	21 42	4 44	22 15	0 20	20 56	0 49	24 53	3 46	11 38	0 53	20 38	0 15	12 38	0 31	1 51	1 15	21 49	2 7	21 28	21 14	22 46	9 28	1 18											
F 17	23 20	24 14	4 9	21 59	0 35	21 9	0 47	24 59	3 51	11 38	0 53	20 36	0 15	12 39	0 31	1 51	1 15	21 49	2 7	21 28	21 15	22 44	9 29	1 18											
S 18	23 22	25 37	3 24	21 42	0 51	21 21	0 45	25 4	3 55	11 39	0 53	20 35	0 15	12 40	0 31	1 50	1 15	21 50	2 7	21 29	21 16	22 43	9 30	1 18											
S 19	23 23	25 47	2 30	21 25	1 7	21 33	0 43	25 9	3 59	11 39	0 53	20 34	0 15	12 41	0 31	1 50	1 15	21 50	2 8	21 30	21 16	22 41	9 30	1 18											
M20	23 24	24 45	1 29	21 9	1 24	21 45	0 40	25 15	4 4	11 39	0 54	20 32	0 15	12 42	0 31	1 50	1 15	21 50	2 8	21 30	21 17	22 39	9 31	1 18											
T 21	23 24	22 37	0 25	20 53	1 40	21 56	0 38	25 21	4 8	11 39	0 54	20 31	0 15	12 42	0 31	1 50	1 15	21 51	2 8	21 30	21 17	22 37	9 32	1 18											
W22	23 24	19 31	0s39	20 37	1 57	22 6	0 36	25 26	4 12	11 39	0 54	20 29	0 15	12 43	0 31	1 50	1 15	21 51	2 8	21 30	21 18	22 36	9 32	1 18											
T 23	23 24	15 38	1 43	20 22	2 14	22 15	0 33	25 32	4 17	11 40	0 54	20 28	0 15	12 44	0 31	1 49	1 14	21 52	2 8	21 30	21 18	22 34	9 33	1 18											
F 24	23 23	11 7	2 42	20 8	2 30	22 24	0 31	25 38	4 21	11 40	0 55	20 27	0 16	12 45	0 31	1 49	1 14	21 52	2 8	21 30	21 19	22 32	9 34	1 18											
S 25	23 21	6 9	3 35	19 54	2 47	22 33	0 28	25 44	4 25	11 41	0 55	20 25	0 16	12 45	0 31	1 49	1 14	21 52	2 8	21 30	21 19	22 30	9 34	1 17											
S 26	23 20	0 52	4 19	19 41	3 2	22 40	0 26	25 50	4 30	11 41	0 55	20 24	0 16	12 46	0 31	1 49	1 14	21 53	2 8	21 29	21 20	22 28	9 35	1 17											
M27	23 18	4s33	4 52	19 28	3 18	22 47	0 24	25 57	4 34	11 42	0 55	20 22	0 16	12 47	0 31	1 49	1 14	21 53	2 9	21 29	21 20	22 27	9 36	1 17											
T 28	23 15	9 55	5 12	19 17	3 32	22 53	0 21	26 3	4 38	11 43	0 56	20 21	0 16	12 47	0 31	1 48	1 14	21 54	2 9	21 29	21 21	22 25	9 36	1 17											
W29	23 12	15 1	5 16	19 6	3 46	22 59	0 19	26 9	4 42	11 44	0 56	20 19	0 16	12 48	0 31	1 48	1 14	21 54	2 9	21 29	21 22	22 23	9 37	1 17											
T 30	23n 9	19s33	5s 3	18n57	3s58	23n 4	0s16	26s15	4s46	11s45	0s56	20m18	0n16	12m49	0s31	1n48	1n14	21s54	2s 9	21s30	21s22	22n21	9n37	1n17											

ASTRODIENST EPHEMERIS for the year 2270
geocentric

JULY 2270

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 35 55	9♂15'39	24♂ 4	11°R 2	27♂ 9	22°R 6	1°R38	0♂32	5♂24	28♂21	1°R25	22°R42	23♂25	19♂35	21°V39	F 1
S 2	18 39 51	10°12'51	8♂38	10♂27	28°23	21♂52	1♂36	0°39	5°26	28°22	1♂23	22♂41	23°22	19°41	21°41	S 2
S 3	18 43 48	11°10'04	23°32	9°51	29°36	21°36	1°34	0°47	5°28	28°23	1°22	22°39	23°19	19°48	21°42	S 3
M 4	18 47 44	12° 7'16	8♂39	9°17	0♂49	21°21	1°31	0°54	5°30	28°23	1°21	22°39	23°16	19°54	21°43	M 4
T 5	18 51 41	13° 4'28	23°51	8°44	2° 3	21° 5	1°29	1° 2	5°32	28°24	1°19	22°D38	23°12	20° 1	21°44	T 5
W 6	18 55 37	14° 1'40	8♂58	8°12	3°16	20°49	1°26	1° 9	5°33	28°25	1°18	22°39	23° 9	20° 8	21°45	W 6
T 7	18 59 34	14°58'51	23°51	7°44	4°30	20°32	1°23	1°17	5°35	28°26	1°17	22°39	23° 6	20°14	21°46	T 7
F 8	19 3 31	15°56'03	8♂23	7°18	5°43	20°15	1°19	1°24	5°37	28°27	1°15	22°40	23° 3	20°21	21°47	F 8
S 9	19 7 27	16°53'15	22°32	6°56	6°57	19°58	1°16	1°32	5°38	28°28	1°14	22°40	23° 0	20°28	21°48	S 9
S 10	19 11 24	17°50'27	6°V15	6°37	8°10	19°40	1°12	1°40	5°40	28°29	1°13	22°41	22°56	20°34	21°49	S 10
M 11	19 15 20	18°47'40	19°33	6°23	9°24	19°23	1° 9	1°47	5°41	28°30	1°11	22°R41	22°53	20°41	21°50	M 11
T 12	19 19 17	19°44'52	2♂28	6°13	10°37	19° 5	1° 5	1°55	5°43	28°31	1°10	22°41	22°50	20°48	21°51	T 12
W 13	19 23 13	20°42'06	15° 3	6°D 9	11°51	18°47	1° 1	2° 3	5°44	28°32	1° 8	22°40	22°47	20°54	21°52	W 13
T 14	19 27 10	21°39'19	27°23	6° 9	13° 5	18°30	0°56	2°10	5°46	28°33	1° 7	22°40	22°44	21° 1	21°52	T 14
F 15	19 31 6	22°36'33	9♂29	6°14	14°18	18°12	0°52	2°18	5°47	28°34	1° 6	22°D40	22°41	21° 8	21°53	F 15
S 16	19 35 3	23°33'48	21°27	6°24	15°32	17°54	0°47	2°26	5°48	28°35	1° 4	22°40	22°37	21°14	21°53	S 16
S 17	19 39 0	24°31'02	3♂18	6°40	16°45	17°37	0°43	2°33	5°49	28°36	1° 3	22°40	22°34	21°21	21°54	S 17
M 18	19 42 56	25°28'17	15° 6	7° 1	17°59	17°19	0°38	2°41	5°51	28°38	1° 1	22°41	22°31	21°28	21°54	M 18
T 19	19 46 53	26°25'33	26°52	7°28	19°13	17° 2	0°33	2°49	5°52	28°39	1° 0	22°R41	22°28	21°34	21°55	T 19
W 20	19 50 49	27°22'48	8♂41	7°59	20°26	16°45	0°27	2°57	5°53	28°40	0°58	22°40	22°25	21°41	21°55	W 20
T 21	19 54 46	28°20'04	20°33	8°36	21°40	16°28	0°22	3° 4	5°54	28°41	0°57	22°40	22°22	21°47	21°55	T 21
F 22	19 58 42	29°17'20	2♂31	9°19	22°54	16°12	0°16	3°12	5°55	28°43	0°56	22°39	22°18	21°54	21°56	F 22
S 23	20 2 39	0♂14'36	14°37	10° 6	24° 8	15°56	0°11	3°20	5°56	28°44	0°54	22°38	22°15	22° 1	21°56	S 23
S 24	20 6 35	1°11'53	26°56	10°59	25°21	15°41	0° 5	3°28	5°57	28°45	0°53	22°37	22°12	22° 7	21°56	S 24
M 25	20 10 32	2° 9'10	9♂28	11°57	26°35	15°26	29♂59	3°36	5°58	28°47	0°51	22°36	22° 9	22°14	21°56	M 25
T 26	20 14 29	3° 6'27	22°18	13° 0	27°49	15°11	29°53	3°43	5°59	28°48	0°50	22°36	22° 6	22°21	21°R56	T 26
W 27	20 18 25	4° 3'44	5♂29	14° 8	29° 3	14°57	29°46	3°51	5°59	28°49	0°48	22°D35	22° 2	22°27	21°56	W 27
T 28	20 22 22	5° 1'01	19° 2	15°21	0♂17	14°44	29°40	3°59	6° 0	28°51	0°47	22°36	21°59	22°34	21°56	T 28
F 29	20 26 18	5°58'19	2♂59	16°39	1°30	14°31	29°34	4° 7	6° 1	28°52	0°46	22°37	21°56	22°41	21°56	F 29
S 30	20 30 15	6°55'38	17°20	18° 1	2°44	14°19	29°27	4°14	6° 1	28°54	0°44	22°38	21°53	22°47	21°55	S 30
S 31	20 34 11	7♂52'56	2♂ 3	19♂28	3♂58	14♂ 8	29♂20	4♂22	6♂ 2	28♂55	0♂43	22♂39	21♂50	22♂54	21°V55	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	23n 5	23s 8	4s31	18n48	4s 9	23n 9	0s14	26s21	4s50	11s45	0s57	20n16	0n16	12n49	0s31	1n47
S 2	23 1	25 20	3 41	18 41	4 19	23 12	0 11	26 28	4 54	11 46	0 57	20 15	0 16	12 50	0 31	1 47
S 3	22 56	25 49	2 35	18 35	4 28	23 15	0 9	26 34	4 57	11 48	0 57	20 13	0 16	12 50	0 31	1 47
M 4	22 51	24 24	1 17	18 30	4 35	23 18	0 7	26 40	5 1	11 49	0 57	20 12	0 16	12 51	0 31	1 46
T 5	22 46	21 12	0n 7	18 27	4 41	23 19	0 4	26 46	5 4	11 50	0 58	20 10	0 16	12 52	0 31	1 46
W 6	22 40	16 33	1 29	18 25	4 45	23 20	0 2	26 52	5 8	11 51	0 58	20 8	0 16	12 52	0 31	1 46
T 7	22 34	10 57	2 45	18 24	4 47	23 20	0n 1	26 58	5 11	11 52	0 58	20 7	0 17	12 53	0 31	1 45
F 8	22 27	4 53	3 48	18 24	4 48	23 20	0 3	27 4	5 14	11 54	0 58	20 5	0 17	12 53	0 31	1 45
S 9	22 20	1n15	4 35	18 26	4 48	23 19	0 6	27 9	5 18	11 55	0 59	20 4	0 17	12 54	0 31	1 45
S 10	22 13	7 8	5 5	18 29	4 46	23 17	0 8	27 15	5 21	11 57	0 59	20 2	0 17	12 54	0 31	1 44
M 11	22 5	12 32	5 17	18 33	4 42	23 15	0 10	27 20	5 23	11 58	0 59	20 0	0 17	12 55	0 31	1 44
T 12	21 57	17 12	5 13	18 38	4 37	23 12	0 13	27 26	5 26	12 0	0 59	19 59	0 17	12 55	0 31	1 43
W 13	21 49	21 0	4 54	18 45	4 31	23 8	0 15	27 31	5 29	12 2	1 0	19 57	0 17	12 56	0 31	1 43
T 14	21 40	23 47	4 21	18 52	4 24	23 3	0 18	27 36	5 31	12 3	1 0	19 56	0 17	12 56	0 31	1 42
F 15	21 31	25 26	3 38	19 0	4 16	22 58	0 20	27 40	5 33	12 5	1 0	19 54	0 17	12 56	0 31	1 42
S 16	21 21	25 52	2 45	19 9	4 7	22 52	0 22	27 45	5 35	12 7	1 0	19 52	0 17	12 57	0 31	1 41
S 17	21 11	25 7	1 46	19 18	3 56	22 46	0 25	27 49	5 37	12 9	1 1	19 51	0 17	12 57	0 31	1 41
M 18	21 1	23 15	0 42	19 28	3 45	22 39	0 27	27 53	5 39	12 11	1 1	19 49	0 17	12 58	0 31	1 40
T 19	20 50	20 22	0s23	19 38	3 34	22 31	0 29	27 57	5 41	12 13	1 1	19 47	0 18	12 58	0 31	1 40
W 20	20 39	16 39	1 28	19 49	3 21	22 22	0 31	28 1	5 42	12 15	1 1	19 45	0 18	12 58	0 31	1 39
T 21	20 28	12 16	2 29	20 0	3 8	22 13	0 34	28 4	5 44	12 17	1 2	19 44	0 18	12 59	0 31	1 39
F 22	20 16	7 24	3 24	20 10	2 55	22 3	0 36	28 8	5 45	12 19	1 2	19 42	0 18	12 59	0 31	1 38
S 23	20 4	2 12	4 10	20 20	2 41	21 53	0 38	28 11	5 46	12 22	1 2	19 40	0 18	12 59	0 31	1 38
S 24	19 52	3s 9	4 46	20 30	2 27	21 41	0 40	28 13	5 47	12 24	1 2	19 39	0 18	13 0	0 31	1 37
M 25	19 39	8 29	5 9	20 40	2 13	21 30	0 42	28 16	5 47	12 26	1 2	19 37	0 18	13 0	0 31	1 37
T 26	19 26	13 34	5 17	20 48	1 59	21 17	0 44	28 18	5 48	12 29	1 3	19 35	0 18	13 0	0 31	1 36
W 27	19 13	18 11	5 9	20 56	1 44	21 4	0 46	28 20	5 48	12 31	1 3	19 33	0 18	13 0	0 31	1 35
T 28	18 59	22 0	4 44	21 2	1 30	20 51	0 48	28 22	5 49	12 33	1 3	19 32	0 18	13 1	0 31	1 35
F 29	18 45	24 41	4 2	21 8	1 15	20 36	0 50	28 23	5 49	12 36	1 3	19 30	0 18	13 1	0 31	1 34
S 30	18 31	25 51	3 3	21 11	1 1	20 22	0 52	28 25	5 49	12 38	1 3	19 28	0 18	13 1	0 31	1 34
S 31	18n16	25s15	1s52	21n13	0s47	20n 6	0n54	28s26	5s48	12s41	1s 4	19n26	0n19	13n 1	0s31	1n33

Julian Day Number = 2550341.5, Delta T = 249.33 sec
Ecliptic obliquity = 23°24'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°31'16, Lahiri = 27°38'16

ASTRODIENST EPHEMERIS for the year 2270
geocentric

AUGUST 2270

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 8	8♂50°15	17♂2	20♂59	5♂12	13°R57	29°R14	4♂30	6♂2	28♂57	0°R41	22°R39	21♂47	23♂1	21°R55	M 1
T 2	20 42 5	9°47'35	2♂10	22°35	6°26	13♂47	29♂7	4°38	6°3	28°59	0♂40	22♂39	21°43	23°7	21°Y54	T 2
W 3	20 46 1	10°44'55	17°18	24°14	7°40	13°38	29°0	4°45	6°3	29°0	0°38	22°38	21°40	23°14	21°54	W 3
T 4	20 49 58	11°42'16	2♂17	25°58	8°54	13°29	28°53	4°53	6°4	29°2	0°37	22°36	21°37	23°20	21°54	T 4
F 5	20 53 54	12°39'38	16°59	27°44	10°8	13°21	28°45	5°1	6°4	29°3	0°36	22°34	21°34	23°27	21°53	F 5
S 6	20 57 51	13°37'01	1°Y17	29°35	11°22	13°14	28°38	5°9	6°4	29°5	0°34	22°31	21°31	23°34	21°52	S 6
S 7	21 1 47	14°34'25	15°9	1♂28	12°36	13°8	28°31	5°16	6°5	29°7	0°33	22°29	21°27	23°40	21°52	S 7
M 8	21 5 44	15°31'50	28°33	3°23	13°50	13°3	28°23	5°24	6°5	29°8	0°31	22°27	21°24	23°47	21°51	M 8
T 9	21 9 40	16°29'17	11♂31	5°21	15°4	12°58	28°16	5°32	6°5	29°10	0°30	22°D26	21°21	23°54	21°50	T 9
W10	21 13 37	17°26'44	24°5	7°21	16°18	12°54	28°8	5°39	6°5	29°12	0°29	22°26	21°18	24°0	21°50	W10
T 11	21 17 33	18°24'13	6♂22	9°22	17°32	12°51	28°1	5°47	6°R5	29°14	0°27	22°27	21°15	24°7	21°49	T 11
F 12	21 21 30	19°21'43	18°24	11°24	18°46	12°49	27°53	5°55	6°5	29°15	0°26	22°28	21°12	24°14	21°48	F 12
S 13	21 25 27	20°19'15	0♂17	13°27	20°0	12°48	27°45	6°2	6°5	29°17	0°25	22°30	21°8	24°20	21°47	S 13
S 14	21 29 23	21°16'47	12°5	15°31	21°14	12°D47	27°38	6°10	6°5	29°19	0°23	22°31	21°5	24°27	21°46	S 14
M15	21 33 20	22°14'21	23°51	17°34	22°28	12°48	27°30	6°18	6°5	29°21	0°22	22°R32	21°2	24°34	21°45	M15
T 16	21 37 16	23°11'56	5♂40	19°38	23°42	12°49	27°22	6°25	6°4	29°23	0°21	22°31	20°59	24°40	21°44	T 16
W17	21 41 13	24°9'33	17°33	21°42	24°56	12°51	27°14	6°33	6°4	29°25	0°19	22°29	20°56	24°47	21°43	W17
T 18	21 45 9	25°7'10	29°33	23°44	26°10	12°54	27°6	6°40	6°4	29°27	0°18	22°25	20°53	24°53	21°41	T 18
F 19	21 49 6	26°4'49	11♂42	25°46	27°25	12°58	26°59	6°48	6°4	29°29	0°17	22°20	20°49	25°0	21°40	F 19
S 20	21 53 2	27°2'28	24°2	27°48	28°39	13°2	26°51	6°55	6°3	29°30	0°16	22°14	20°46	25°7	21°39	S 20
S 21	21 56 59	28°0'09	6♂33	29°48	29°53	13°8	26°43	7°3	6°3	29°32	0°14	22°8	20°43	25°13	21°37	S 21
M22	22 0 56	28°57'51	19°16	1♂47	1♂7	13°14	26°35	7°10	6°2	29°34	0°13	22°2	20°40	25°20	21°36	M22
T 23	22 4 52	29°55'34	2♂14	3°45	2°21	13°21	26°27	7°17	6°2	29°36	0°12	21°58	20°37	25°27	21°34	T 23
W24	22 8 49	0♂53'18	15°27	5°42	3°36	13°29	26°19	7°25	6°1	29°38	0°11	21°55	20°33	25°33	21°33	W24
T 25	22 12 45	1°51'03	28°57	7°37	4°50	13°37	26°12	7°32	6°0	29°40	0°10	21°D54	20°30	25°40	21°31	T 25
F 26	22 16 42	2°48'50	12♂45	9°31	6°4	13°47	26°4	7°39	6°0	29°42	0°8	21°54	20°27	25°47	21°30	F 26
S 27	22 20 38	3°46'37	26°52	11°24	7°19	13°57	25°56	7°47	5°59	29°44	0°7	21°55	20°24	25°53	21°28	S 27
S 28	22 24 35	4°44'26	11♂17	13°16	8°33	14°8	25°48	7°54	5°58	29°46	0°6	21°57	20°21	26°0	21°27	S 28
M29	22 28 31	5°42'15	25°57	15°6	9°47	14°19	25°41	8°1	5°57	29°48	0°5	21°R57	20°18	26°7	21°25	M29
T 30	22 32 28	6°40'06	10♂48	16°54	11°1	14°32	25°33	8°8	5°56	29°51	0°4	21°56	20°14	26°13	21°23	T 30
W31	22 36 25	7♂37'58	25♂43	18♂42	12♂16	14♂45	25♂26	8♂15	5♂56	29♂53	0♂3	21♂52	20♂11	26♂20	21♂21	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	18n 1	22s50	0s31	21n14	0s33	19n50	0n56	28s27	5s48	12s43	1s4	19n25	0n19	13n1	0s31	1n32
T 2	17 46	18 48	0n52	21 12	0 20	19 34	0 57	28 27	5 48	12 46	1 4	19 23	0 19	13 1	0 31	1 32
W 3	17 31	13 32	2 12	21 8	0 7	19 17	0 59	28 28	5 47	12 49	1 4	19 21	0 19	13 2	0 31	1 31
T 4	17 15	7 30	3 22	21 1	0n 6	18 59	1 1	28 28	5 46	12 51	1 4	19 19	0 19	13 2	0 31	1 30
F 5	16 59	1 11	4 17	20 53	0 18	18 41	1 2	28 28	5 45	12 54	1 5	19 18	0 19	13 2	0 32	1 30
S 6	16 43	5n 1	4 54	20 41	0 29	18 22	1 4	28 28	5 44	12 57	1 5	19 16	0 19	13 2	0 32	1 29
S 7	16 26	10 46	5 13	20 27	0 40	18 3	1 5	28 27	5 43	12 59	1 5	19 14	0 19	13 2	0 32	1 28
M 8	16 9	15 49	5 14	20 11	0 50	17 43	1 7	28 26	5 42	13 2	1 5	19 12	0 19	13 2	0 32	1 28
T 9	15 52	19 59	4 58	19 52	0 59	17 23	1 8	28 26	5 41	13 5	1 5	19 10	0 19	13 2	0 32	1 27
W10	15 35	23 6	4 29	19 30	1 7	17 2	1 10	28 25	5 40	13 8	1 5	19 9	0 19	13 2	0 32	1 26
T 11	15 17	25 4	3 47	19 5	1 15	16 41	1 11	28 24	5 38	13 10	1 6	19 7	0 20	13 2	0 32	1 25
F 12	15 0	25 50	2 57	18 39	1 22	16 20	1 12	28 22	5 37	13 13	1 6	19 5	0 20	13 2	0 32	1 25
S 13	14 42	25 24	1 59	18 9	1 28	15 57	1 14	28 21	5 35	13 16	1 6	19 3	0 20	13 2	0 32	1 24
S 14	14 23	23 48	0 57	17 38	1 33	15 35	1 15	28 19	5 33	13 19	1 6	19 1	0 20	13 2	0 32	1 23
M15	14 5	21 11	0s 7	17 5	1 37	15 12	1 16	28 17	5 31	13 22	1 6	19 0	0 20	13 2	0 32	1 23
T 16	13 46	17 41	1 11	16 29	1 40	14 49	1 17	28 15	5 29	13 24	1 6	18 58	0 20	13 2	0 32	1 22
W17	13 27	13 27	2 13	15 52	1 42	14 25	1 18	28 13	5 28	13 27	1 6	18 56	0 20	13 2	0 32	1 21
T 18	13 8	8 40	3 9	15 14	1 44	14 1	1 19	28 11	5 26	13 30	1 7	18 54	0 20	13 1	0 32	1 20
F 19	12 48	3 31	3 57	14 34	1 45	13 36	1 20	28 8	5 23	13 33	1 7	18 53	0 20	13 1	0 32	1 19
S 20	12 29	1s50	4 34	13 52	1 46	13 11	1 20	28 6	5 21	13 36	1 7	18 51	0 20	13 1	0 32	1 19
S 21	12 9	7 11	5 0	13 10	1 45	12 46	1 21	28 3	5 19	13 38	1 7	18 49	0 21	13 1	0 32	1 18
M22	11 49	12 19	5 11	12 27	1 44	12 20	1 22	28 0	5 17	13 41	1 7	18 47	0 21	13 1	0 32	1 17
T 23	11 29	17 1	5 6	11 43	1 42	11 54	1 22	27 57	5 15	13 44	1 7	18 45	0 21	13 1	0 32	1 16
W24	11 9	20 59	4 45	10 58	1 40	11 28	1 23	27 54	5 12	13 47	1 7	18 44	0 21	13 0	0 32	1 16
T 25	10 48	23 56	4 8	10 12	1 38	11 1	1 24	27 51	5 10	13 49	1 7	18 42	0 21	13 0	0 32	1 15
F 26	10 27	25 33	3 17	9 27	1 34	10 34	1 24	27 47	5 8	13 52	1 7	18 40	0 21	13 0	0 32	1 14
S 27	10 7	25 34	2 12	8 40	1 31	10 7	1 24	27 44	5 5	13 55	1 7	18 38	0 21	13 0	0 32	1 13
S 28	9 46	23 53	0 58	7 54	1 26	9 40	1 25	27 40	5 3	13 57	1 7	18 37	0 21	12 59	0 32	1 12
M29	9 24	20 34	0n22	7 7	1 22	9 12	1 25	27 37	5 0	14 0	1 7	18 35	0 21	12 59	0 32	1 11
T 30	9 3	15 53	1 40	6 21	1 17	8 44	1 25	27 33	4 58	14 3	1 8	18 33	0 21	12 59	0 32	1 11
W31	8n42	10s14	2n52	5n34	1n12	8n16	1n25	27s29	4s55	14s5	1s8	18n31	0n22	12n58	0s32	1n10

Julian Day Number = 2550372.5, Delta T = 249.46 sec
Ecliptic obliquity = 23°24'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°31'20, Lahiri = 27°38'20

ASTRODIENST EPHEMERIS for the year 2270

geocentric

SEPTEMBER 2270

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 21	8 ^h 35'52	10 ^h 33	20 ^h 28	13 ^h 30	14 ^h 59	25°R18	8 ^h 23	5°R55	29 ^h 55	0°R 2	21°R47	20 ^h 8	26 ^h 27	21°R19	T 1
F 2	22 44 18	9°33'47	25°12	22°13	14°44	15°13	25 ^h 11	8°30	5 ^h 54	29°57	0 ^h 1	21 ^h 40	20° 5	26°33	21°Y17	F 2
S 3	22 48 14	10°31'44	9°Y31	23°56	15°59	15°28	25° 3	8°37	5°53	29°59	29 ^h 59	21°32	20° 2	26°40	21°15	S 3
S 4	22 52 11	11°29'42	23°25	25°38	17°13	15°44	24°56	8°44	5°51	0 ^h 1	29°59	21°25	19°59	26°46	21°13	S 4
M 5	22 56 7	12°27'42	6 ^h 53	27°19	18°27	16° 1	24°49	8°51	5°50	0° 3	29°58	21°18	19°55	26°53	21°11	M 5
T 6	23 0 4	13°25'44	19°54	28°59	19°42	16°18	24°42	8°57	5°49	0° 5	29°57	21°14	19°52	27° 0	21° 9	T 6
W 7	23 4 0	14°23'49	2 ^h 32	0 ^h 37	20°56	16°35	24°35	9° 4	5°48	0° 8	29°56	21°11	19°49	27° 6	21° 7	W 7
T 8	23 7 57	15°21'55	14°49	2°14	22°10	16°54	24°28	9°11	5°47	0°10	29°55	21°D10	19°46	27°13	21° 5	T 8
F 9	23 11 54	16°20'03	26°51	3°50	23°25	17°13	24°21	9°18	5°45	0°12	29°54	21°11	19°43	27°20	21° 3	F 9
S 10	23 15 50	17°18'13	8 ^h 43	5°25	24°39	17°32	24°15	9°25	5°44	0°14	29°53	21°12	19°39	27°26	21° 1	S 10
S 11	23 19 47	18°16'24	20°30	6°58	25°54	17°52	24° 8	9°31	5°43	0°16	29°52	21°R12	19°36	27°33	20°59	S 11
M12	23 23 43	19°14'38	2 ^h 17	8°30	27° 8	18°13	24° 2	9°38	5°41	0°18	29°52	21°12	19°33	27°40	20°56	M12
T 13	23 27 40	20°12'54	14°10	10° 2	28°23	18°34	23°55	9°44	5°40	0°21	29°51	21° 9	19°30	27°46	20°54	T 13
W14	23 31 36	21°11'11	26°10	11°31	29°37	18°56	23°49	9°51	5°38	0°23	29°50	21° 4	19°27	27°53	20°52	W14
T 15	23 35 33	22° 9'31	8 ^h 21	13° 0	0 ^h 51	19°18	23°43	9°57	5°37	0°25	29°49	20°56	19°24	28° 0	20°49	T 15
F 16	23 39 29	23° 7'52	20°44	14°28	2° 6	19°41	23°37	10° 4	5°35	0°27	29°49	20°46	19°20	28° 6	20°47	F 16
S 17	23 43 26	24° 6'15	3 ^h 21	15°54	3°20	20° 5	23°31	10°10	5°33	0°29	29°48	20°35	19°17	28°13	20°44	S 17
S 18	23 47 23	25° 4'40	16°10	17°19	4°35	20°29	23°26	10°16	5°32	0°32	29°47	20°24	19°14	28°19	20°42	S 18
M19	23 51 19	26° 3'06	29°13	18°43	5°49	20°53	23°20	10°23	5°30	0°34	29°46	20°13	19°11	28°26	20°39	M19
T 20	23 55 16	27° 1'35	12 ^h 27	20° 5	7° 4	21°18	23°15	10°29	5°28	0°36	29°46	20° 4	19° 8	28°33	20°37	T 20
W21	23 59 12	28° 0'05	25°53	21°27	8°18	21°43	23°10	10°35	5°26	0°38	29°45	19°58	19° 5	28°39	20°34	W21
T 22	0 3 9	28°58'37	9 ^h 29	22°47	9°33	22° 9	23° 5	10°41	5°25	0°41	29°45	19°54	19° 1	28°46	20°32	T 22
F 23	0 7 5	29°57'10	23°17	24° 5	10°47	22°36	23° 0	10°47	5°23	0°43	29°44	19°53	18°58	28°53	20°29	F 23
S 24	0 11 2	0 ^h 55'45	7 ^h 31	25°22	12° 2	23° 2	22°55	10°53	5°21	0°45	29°44	19°D52	18°55	28°59	20°26	S 24
S 25	0 14 58	1°54'22	21°26	26°37	13°16	23°29	22°51	10°59	5°19	0°47	29°43	19°R53	18°52	29° 6	20°24	S 25
M26	0 18 55	2°53'00	5 ^h 46	27°51	14°31	23°57	22°46	11° 5	5°17	0°49	29°43	19°52	18°49	29°13	20°21	M26
T 27	0 22 52	3°51'39	20°14	29° 4	15°45	24°25	22°42	11°10	5°15	0°52	29°42	19°49	18°45	29°19	20°19	T 27
W28	0 26 48	4°50'21	4 ^h 45	0 ^h 14	17° 0	24°53	22°38	11°16	5°13	0°54	29°42	19°43	18°42	29°26	20°16	W28
T 29	0 30 45	5°49'04	19°14	1°23	18°14	25°22	22°34	11°22	5°11	0°56	29°41	19°35	18°39	29°33	20°13	T 29
F 30	0 34 41	6 ^h 47'49	3 ^h Y35	2 ^h 29	19 ^h 29	25 ^h 51	22 ^h 31	11 ^h 27	5 ^h 9	0 ^h 58	29 ^h 41	19 ^h 34	18 ^h 36	29 ^h 39	20 ^h Y10	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	8n20	4s 1	3n52	4n47	1n 6	7n47	1n25	27s25	4s52	14s 8	1s 8	18n30	0n22	12n58	0s32	1n 9	1n13	22s18	2s14	21s39	21s54	20n17	9n29	1n17	
F 2	7 58	2n19	4 36	4 0	1 0	7 19	1 25	27 20	4 50	14 10	1 8	18 28	0 22	12 58	0 32	1 8	1 13	22 18	2 14	21 40	21 54	20 15	9 29	1 17	
S 3	7 37	8 22	5 1	3 14	0 54	6 50	1 25	27 16	4 47	14 13	1 8	18 26	0 22	12 57	0 32	1 7	1 13	22 18	2 14	21 41	21 55	20 12	9 28	1 17	
S 4	7 15	13 50	5 7	2 28	0 48	6 21	1 25	27 11	4 45	14 15	1 8	18 24	0 22	12 57	0 32	1 6	1 13	22 19	2 14	21 42	21 55	20 10	9 27	1 17	
M 5	6 53	18 27	4 56	1 42	0 41	5 52	1 25	27 7	4 42	14 18	1 8	18 23	0 22	12 57	0 32	1 6	1 13	22 19	2 14	21 43	21 56	20 8	9 26	1 17	
T 6	6 30	22 1	4 30	0 56	0 34	5 22	1 24	27 2	4 39	14 20	1 8	18 21	0 22	12 56	0 32	1 5	1 13	22 19	2 14	21 44	21 56	20 6	9 26	1 17	
W 7	6 8	24 25	3 52	0 10	0 27	4 53	1 24	26 57	4 37	14 22	1 8	18 19	0 22	12 56	0 32	1 4	1 13	22 19	2 14	21 44	21 57	20 4	9 25	1 17	
T 8	5 46	25 34	3 3	0s35	0 20	4 23	1 24	26 52	4 34	14 25	1 8	18 18	0 22	12 55	0 32	1 3	1 13	22 20	2 14	21 45	21 57	20 2	9 24	1 17	
F 9	5 23	25 29	2 7	1 20	0 12	3 53	1 23	26 47	4 31	14 27	1 8	18 16	0 22	12 55	0 32	1 2	1 13	22 20	2 14	21 44	21 58	20 0	9 23	1 17	
S 10	5 1	24 14	1 7	2 4	0 5	3 23	1 23	26 42	4 29	14 29	1 8	18 14	0 23	12 54	0 32	1 1	1 13	22 20	2 14	21 44	21 58	19 57	9 22	1 16	
S 11	4 38	21 54	0 4	2 48	0s 3	2 53	1 22	26 37	4 26	14 31	1 8	18 13	0 23	12 54	0 32	1 0	1 13	22 20	2 14	21 44	21 58	19 55	9 21	1 16	
M12	4 15	18 40	0s59	3 32	0 11	2 23	1 21	26 31	4 23	14 34	1 8	18 11	0 23	12 54	0 32	1 0	1 13	22 20	2 14	21 44	21 59	19 53	9 20	1 16	
T 13	3 52	14 39	2 0	4 15	0 18	1 53	1 21	26 25	4 21	14 36	1 8	18 9	0 23	12 53	0 32	0 59	1 13	22 21	2 15	21 45	21 59	19 51	9 20	1 16	
W14	3 29	10 1	2 56	4 57	0 26	1 22	1 20	26 20	4 18	14 38	1 8	18 8	0 23	12 53	0 32	0 58	1 13	22 21	2 15	21 46	22 0	19 49	9 19	1 16	
T 15	3 6	4 58	3 44	5 39	0 34	0 52	1 19	26 14	4 15	14 40	1 8	18 6	0 23	12 52	0 32	0 57	1 13	22 21	2 15	21 47	22 0	19 47	9 18	1 16	
F 16	2 43	0s22	4 23	6 21	0 42	0 22	1 18	26 8	4 13	14 42	1 8	18 4	0 23	12 51	0 32	0 56	1 13	22 21	2 15	21 48	22 1	19 44	9 17	1 16	
S 17	2 20	5 45	4 50	7 1	0 50	0s 9	1 17	26 2	4 10	14 44	1 8	18 3	0 23	12 51	0 32	0 55	1 13	22 21	2 15	21 50	22 1	19 42	9 16	1 16	
S 18	1 57	11 0	5 2	7 41	0 58	0 39	1 16	25 55	4 7	14 45	1 8	18 1	0 23	12 50	0 32	0 54	1 13	22 22	2 15	21 52	22 2	19 40	9 15	1 16	
M19	1 34	15 50	4 59	8 21	1 6	1 10	1 15	25 49	4 5	14 47	1 8	18 0	0 24	12 50	0 32	0 53	1 13	22 22	2 15	21 53	22 2	19 38	9 14	1 16	
T 20	1 11	20 0	4 40	8 59	1 14	1 40	1 14	25 42	4 2	14 49	1 8	17 58	0 24	12 49	0 32	0 53	1 13	22 22	2 15	21 54	22 3	19 36	9 13	1 16	
W21	0 48	23 11	4 6	9 37	1 22	2 11	1 13	25 36	3 59	14 50	1 8	17 56	0 24	12 49	0 32	0 52	1 13	22 22	2 15	21 55	22 3	19 34	9 12	1 16	
T 22	0 24	25 6	3 17	10 15	1 30	2 41	1 11	25 29	3 57	14 52	1 8	17 55	0 24	12 48	0 32	0 51	1 13	22 22	2 15	21 56	22 3	19 31	9 11	1 16	
F 23	0 1	25 30	2 16	10 51	1 38	3 11	1 10	25 22	3 54	14 54	1 7	17 53	0 24	12 47	0 32	0 50	1 13	22 22	2 15	21 56	22 4	19 29	9 10	1 16	
S 24	0s22	24 19	1 7	11 27	1 46	3 42	1 9	25 15	3 51	14 55	1 7	17 52	0 24	12 47	0 32	0 49	1 13	22 23	2 15	21 56	22 4	19 27	9 9	1 16	
S 25	0 45	21 34	0n 8	12 1	1 54	4 12	1 7	25 7	3 49	14 57	1 7	17 50	0 24	12 46	0 32	0 48	1 13	22 23	2 15	21 56	22 5	19 25	9 8	1 16	
M26	1 9	17 27	1 23	12 35	2 1	4 42	1 6	25 0	3 46	14 58	1 7	17 49	0 24	12 45	0 32	0 47	1 13	22 23	2 15	21 56	22 5	19 23	9 7	1 16	
T 27	1 32	12 18	2 34	13 8	2 9	5 12	1 4	24 52	3 43	14 59	1 7	17 48	0 25	12 45	0 32	0 46	1 13	22 23	2 15	21 57	22 6	19 20	9 6	1 16	
W28	1 55	6 26	3 34	13 40	2 16	5 42	1 2	24 44	3 41	15 0	1 7	17 46	0 25	12 44	0 32	0 45	1 13	22 23	2 15	21 57	22 6	19 18	9 4	1 16	
T 29	2 18	0 16	4 20	14 11	2 23	6 12	1 1	24 37	3 38	15 2	1 7	17 45	0 25	12 43	0 32	0 45	1 13	22 23	2 15	21 59	22 7	19 16	9 3	1 16	
F 30	2s42	5n51	4n50	14s40	2s30	6s42	0n59	24s28	3s36	15s 3	1s 7	17n43	0n25	12n43	0s32	0n44	1n13	22s23	2s15	22s 0	22s 7	19n14	9n 2	1n15	

ASTRODIENST EPHEMERIS for the year 2270

geocentric

OCTOBER 2270

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 38	7♎46'36	17♏42	3♏34	20♎43	26♏21	22°R27	11♏33	5°R 7	1♎ 1	29°R41	19°R13	18♏33	29♏46	20°R 8	S 1
S 2	0 42 34	8°45'25	1♏29	4°36	21°58	26°51	22♎24	11°38	5♏ 5	1° 3	29♏40	19♏ 1	18°30	29°53	20♏ 5	S 2
M 3	0 46 31	9°44'16	14°53	5°36	23°12	27°21	22°21	11°43	5° 3	1° 5	29°40	18°51	18°26	29°59	20° 2	M 3
T 4	0 50 27	10°43'10	27°53	6°33	24°27	27°52	22°18	11°49	5° 1	1° 7	29°40	18°42	18°23	0♎ 6	19°59	T 4
W 5	0 54 24	11°42'05	10♏30	7°27	25°41	28°23	22°15	11°54	4°58	1° 9	29°40	18°36	18°20	0°12	19°56	W 5
T 6	0 58 20	12°41'03	22°48	8°19	26°56	28°54	22°13	11°59	4°56	1°12	29°39	18°33	18°17	0°19	19°54	T 6
F 7	1 2 17	13°40'03	4♏51	9° 6	28°10	29°25	22°11	12° 4	4°54	1°14	29°39	18°32	18°14	0°26	19°51	F 7
S 8	1 6 14	14°39'06	16°44	9°51	29°25	29°57	22° 8	12° 9	4°52	1°16	29°39	18°32	18°10	0°32	19°48	S 8
S 9	1 10 10	15°38'10	28°32	10°31	0♎39	0♎29	22° 6	12°14	4°50	1°18	29°39	18°32	18° 7	0°39	19°45	S 9
M10	1 14 7	16°37'17	10♎21	11° 7	1°54	1° 2	22° 5	12°18	4°47	1°20	29°39	18°30	18° 4	0°46	19°42	M10
T 11	1 18 3	17°36'27	22°16	11°38	3° 8	1°35	22° 3	12°23	4°45	1°22	29°39	18°27	18° 1	0°52	19°40	T 11
W12	1 22 0	18°35'38	4♏22	12° 4	4°23	2° 8	22° 2	12°28	4°43	1°25	29°39	18°21	17°58	0°59	19°37	W12
T 13	1 25 56	19°34'52	16°41	12°25	5°37	2°41	22° 1	12°32	4°40	1°27	29°D39	18°12	17°55	1° 6	19°34	T 13
F 14	1 29 53	20°34'07	29°18	12°39	6°52	3°15	22° 0	12°37	4°38	1°29	29°39	18° 1	17°51	1°12	19°31	F 14
S 15	1 33 49	21°33'25	12♎12	12°47	8° 6	3°48	21°59	12°41	4°36	1°31	29°39	17°48	17°48	1°19	19°28	S 15
S 16	1 37 46	22°32'45	25°22	12°R48	9°21	4°23	21°58	12°45	4°33	1°33	29°39	17°35	17°45	1°26	19°25	S 16
M17	1 41 43	23°32'07	8♎48	12°41	10°35	4°57	21°58	12°49	4°31	1°35	29°39	17°22	17°42	1°32	19°22	M17
T 18	1 45 39	24°31'31	22°27	12°26	11°50	5°32	21°D58	12°53	4°28	1°37	29°39	17°12	17°39	1°39	19°20	T 18
W19	1 49 36	25°30'57	6♏14	12° 3	13° 4	6° 7	21°58	12°57	4°26	1°39	29°39	17° 4	17°36	1°46	19°17	W19
T 20	1 53 32	26°30'25	20° 9	11°32	14°19	6°42	21°58	13° 1	4°24	1°41	29°40	16°59	17°32	1°52	19°14	T 20
F 21	1 57 29	27°29'55	4♏ 9	10°52	15°34	7°17	21°59	13° 5	4°21	1°44	29°40	16°57	17°29	1°59	19°11	F 21
S 22	2 1 25	28°29'26	18°12	10° 4	16°48	7°53	21°59	13° 9	4°19	1°46	29°40	16°D57	17°26	2° 6	19° 8	S 22
S 23	2 5 22	29°28'59	2♎17	9° 8	18° 3	8°29	22° 0	13°13	4°16	1°48	29°40	16°R57	17°23	2°12	19° 6	S 23
M24	2 9 18	0♎28'34	16°24	8° 5	19°17	9° 5	22° 1	13°16	4°14	1°50	29°41	16°56	17°20	2°19	19° 3	M24
T 25	2 13 15	1°28'10	0♏32	6°57	20°32	9°41	22° 3	13°19	4°11	1°52	29°41	16°53	17°16	2°25	19° 0	T 25
W26	2 17 12	2°27'48	14°38	5°44	21°46	10°17	22° 4	13°23	4° 9	1°54	29°41	16°48	17°13	2°32	18°57	W26
T 27	2 21 8	3°27'28	28°41	4°29	23° 1	10°54	22° 6	13°26	4° 6	1°56	29°42	16°40	17°10	2°39	18°55	T 27
F 28	2 25 5	4°27'10	12♏36	3°14	24°15	11°31	22° 8	13°29	4° 4	1°58	29°42	16°29	17° 7	2°45	18°52	F 28
S 29	2 29 1	5°26'53	26°19	2° 1	25°29	12° 8	22°10	13°32	4° 2	1°59	29°43	16°18	17° 4	2°52	18°49	S 29
S 30	2 32 58	6°26'38	9♏48	0°53	26°44	12°45	22°12	13°35	3°59	2° 1	29°43	16° 6	17° 1	2°59	18°46	S 30
M31	2 36 54	7♎26'26	22♏58	29♎50	27♎58	13♎22	22♎14	13♎38	3♏57	2♎ 3	29♏44	15♏55	16♏57	3♎ 5	18♏44	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	3s 5	11n34	5n 1	15s 9	2s37	7s12	0n57	24s20	3s33	15s 4	1s 7	17n42	0n25	12n42	0s32	S 1
S 2	3 28	16 34	4 54	15 36	2 44	7 41	0 55	24 12	3 30	15 5	1 7	17 40	0 25	12 41	0 32	S 2
M 3	3 51	20 35	4 31	16 2	2 50	8 10	0 54	24 3	3 28	15 6	1 7	17 39	0 25	12 41	0 32	M 3
T 4	4 14	23 28	3 54	16 27	2 56	8 40	0 52	23 55	3 25	15 7	1 7	17 38	0 25	12 40	0 32	T 4
W 5	4 37	25 4	3 7	16 50	3 1	9 9	0 50	23 46	3 23	15 7	1 7	17 36	0 26	12 39	0 32	W 5
T 6	5 0	25 24	2 12	17 12	3 6	9 37	0 48	23 37	3 20	15 8	1 6	17 35	0 26	12 38	0 32	T 6
F 7	5 23	24 31	1 12	17 32	3 11	10 6	0 46	23 28	3 18	15 9	1 6	17 34	0 26	12 38	0 32	F 7
S 8	5 46	22 31	0 10	17 50	3 15	10 34	0 44	23 19	3 15	15 9	1 6	17 33	0 26	12 37	0 32	S 8
S 9	6 9	19 34	0s53	18 6	3 19	11 2	0 41	23 9	3 13	15 10	1 6	17 31	0 26	12 36	0 32	S 9
M10	6 31	15 49	1 53	18 21	3 22	11 30	0 39	23 0	3 10	15 10	1 6	17 30	0 26	12 35	0 32	M10
T 11	6 54	11 25	2 48	18 33	3 25	11 58	0 37	22 50	3 8	15 11	1 6	17 29	0 26	12 35	0 32	T 11
W12	7 17	6 31	3 37	18 42	3 26	12 25	0 35	22 40	3 5	15 11	1 6	17 28	0 26	12 34	0 32	W12
T 13	7 39	1 18	4 17	18 49	3 27	12 52	0 33	22 30	3 3	15 11	1 6	17 27	0 27	12 33	0 32	T 13
F 14	8 1	4s 4	4 45	18 53	3 27	13 19	0 30	22 20	3 0	15 12	1 6	17 26	0 27	12 32	0 32	F 14
S 15	8 24	9 24	4 59	18 55	3 25	13 45	0 28	22 9	2 58	15 12	1 6	17 25	0 27	12 31	0 32	S 15
S 16	8 46	14 25	4 57	18 52	3 23	14 11	0 26	21 59	2 56	15 12	1 5	17 23	0 27	12 31	0 32	S 16
M17	9 8	18 50	4 40	18 47	3 19	14 37	0 23	21 48	2 53	15 12	1 5	17 22	0 27	12 30	0 32	M17
T 18	9 29	22 19	4 6	18 37	3 14	15 2	0 21	21 37	2 51	15 12	1 5	17 21	0 27	12 29	0 32	T 18
W19	9 51	24 34	3 17	18 24	3 7	15 27	0 18	21 26	2 48	15 12	1 5	17 20	0 27	12 28	0 32	W19
T 20	10 13	25 19	2 17	18 6	2 58	15 52	0 16	21 15	2 46	15 11	1 5	17 19	0 28	12 27	0 32	T 20
F 21	10 34	24 28	1 7	17 44	2 48	16 16	0 13	21 4	2 44	15 11	1 5	17 18	0 28	12 27	0 32	F 21
S 22	10 55	22 4	0n 7	17 17	2 36	16 39	0 11	20 52	2 41	15 11	1 5	17 18	0 28	12 26	0 32	S 22
S 23	11 16	18 19	1 20	16 46	2 22	17 3	0 8	20 40	2 39	15 10	1 5	17 17	0 28	12 25	0 32	S 23
M24	11 37	13 31	2 29	16 11	2 7	17 26	0 6	20 29	2 37	15 10	1 5	17 16	0 28	12 24	0 32	M24
T 25	11 58	8 0	3 29	15 32	1 50	17 48	0 3	20 17	2 34	15 9	1 4	17 15	0 28	12 23	0 32	T 25
W26	12 19	2 6	4 16	14 51	1 31	18 10	0 1	20 5	2 32	15 9	1 4	17 14	0 28	12 23	0 32	W26
T 27	12 39	3n52	4 47	14 7	1 11	18 32	0s 2	19 52	2 30	15 8	1 4	17 13	0 29	12 22	0 32	T 27
F 28	12 59	9 35	5 1	13 23	0 51	18 53	0 5	19 40	2 28	15 7	1 4	17 13	0 29	12 21	0 32	F 28
S 29	13 19	14 45	4 57	12 38	0 30	19 13	0 7	19 27	2 25	15 7	1 4	17 12	0 29	12 20	0 32	S 29
S 30	13 39	19 6	4 37	11 55	0 10	19 33	0 10	19 15	2 23	15 6	1 4	17 11	0 29	12 19	0 32	S 30
M31	13s58	22n23	4n 2	11s14	0n10	19s53	0s12	19s 2	2s21	15s 5	1s 4	17n10	0n29	12n18	0s32	M31

Julian Day Number = 2550433.5, Delta T = 249.71 sec
 Ecliptic obliquity = 23°24'18, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°31'28, Lahiri = 27°38'29

ASTRODIENST EPHEMERIS for the year 2270

geocentric

NOVEMBER 2270

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 51	8♂26'15	5♂50	28°R56	29♂13	14°00	22°17	13♂41	3°R54	2♂5	29♂44	15°R47	16♂54	3♂12	18°R41	T 1
W 2	2 44 47	9°26'07	18°22	28♂12	0♂27	14°37	22°20	13°43	3♂52	2°7	29°45	15♂41	16°51	3°19	18°Y39	W 2
T 3	2 48 44	10°26'00	0♂38	27°39	1°42	15°15	22°23	13°46	3°49	2°9	29°46	15°37	16°48	3°25	18°36	T 3
F 4	2 52 41	11°25'56	12°40	27°17	2°56	15°53	22°26	13°48	3°47	2°11	29°46	15°D36	16°45	3°32	18°33	F 4
S 5	2 56 37	12°25'54	24°32	27°D 6	4°11	16°31	22°29	13°51	3°45	2°13	29°47	15°36	16°42	3°39	18°31	S 5
S 6	3 0 34	13°25'54	6♂21	27°7	5°25	17°9	22°33	13°53	3°42	2°14	29°48	15°37	16°38	3°45	18°28	S 6
M 7	3 4 30	14°25'56	18°10	27°19	6°40	17°48	22°37	13°55	3°40	2°16	29°48	15°R37	16°35	3°52	18°26	M 7
T 8	3 8 27	15°26'00	0♂5	27°41	7°54	18°26	22°41	13°57	3°37	2°18	29°49	15°36	16°32	3°59	18°23	T 8
W 9	3 12 23	16°26'06	12°13	28°13	9°9	19°5	22°45	13°59	3°35	2°20	29°50	15°32	16°29	4°5	18°21	W 9
T 10	3 16 20	17°26'15	24°36	28°54	10°23	19°44	22°49	14°1	3°33	2°21	29°51	15°27	16°26	4°12	18°19	T 10
F 11	3 20 16	18°26'25	7♂20	29°42	11°37	20°23	22°54	14°2	3°30	2°23	29°51	15°19	16°22	4°19	18°16	F 11
S 12	3 24 13	19°26'37	20°24	0♂38	12°52	21°2	22°59	14°4	3°28	2°25	29°52	15°9	16°19	4°25	18°14	S 12
S 13	3 28 10	20°26'51	3♂51	1°39	14°6	21°41	23°3	14°5	3°26	2°26	29°53	15°0	16°16	4°32	18°12	S 13
M14	3 32 6	21°27'08	17°38	2°46	15°21	22°21	23°9	14°7	3°23	2°28	29°54	14°50	16°13	4°38	18°9	M14
T 15	3 36 3	22°27'26	1♂41	3°57	16°35	23°0	23°14	14°8	3°21	2°29	29°55	14°42	16°10	4°45	18°7	T 15
W16	3 39 59	23°27'45	15°56	5°13	17°50	23°40	23°19	14°9	3°19	2°31	29°56	14°37	16°7	4°52	18°5	W16
T 17	3 43 56	24°28'07	0♂17	6°31	19°4	24°19	23°25	14°10	3°16	2°33	29°57	14°34	16°3	4°58	18°3	T 17
F 18	3 47 52	25°28'29	14°40	7°53	20°18	24°59	23°31	14°11	3°14	2°34	29°58	14°D33	16°0	5°5	18°1	F 18
S 19	3 51 49	26°28'53	29°0	9°17	21°33	25°39	23°37	14°12	3°12	2°36	29°59	14°33	15°57	5°12	17°58	S 19
S 20	3 55 45	27°29'19	13♂15	10°43	22°47	26°19	23°43	14°13	3°10	2°37	0♂0	14°35	15°54	5°18	17°56	S 20
M21	3 59 42	28°29'46	27°22	12°10	24°2	26°59	23°49	14°13	3°8	2°38	0°1	14°R35	15°51	5°25	17°54	M21
T 22	4 3 39	29°30'13	11♂21	13°39	25°16	27°40	23°55	14°14	3°6	2°40	0°2	14°35	15°48	5°32	17°53	T 22
W23	4 7 35	0♂30'42	25°11	15°10	26°30	28°20	24°2	14°14	3°3	2°41	0°4	14°32	15°44	5°38	17°51	W23
T 24	4 11 32	1°31'13	8°Y51	16°41	27°45	29°0	24°9	14°14	3°1	2°43	0°5	14°27	15°41	5°45	17°49	T 24
F 25	4 15 28	2°31'45	22°20	18°12	28°59	29°41	24°16	14°14	2°59	2°44	0°6	14°21	15°38	5°52	17°47	F 25
S 26	4 19 25	3°32'18	5♂37	19°45	0♂13	0♂21	24°23	14°R14	2°57	2°45	0°7	14°14	15°35	5°58	17°45	S 26
S 27	4 23 21	4°32'52	18°41	21°18	1°28	1°2	24°30	14°14	2°55	2°47	0°8	14°7	15°32	6°5	17°43	S 27
M28	4 27 18	5°33'28	1♂31	22°51	2°42	1°43	24°38	14°14	2°53	2°48	0°10	14°0	15°28	6°12	17°42	M28
T 29	4 31 14	6°34'05	14°7	24°24	3°56	2°23	24°45	14°14	2°51	2°49	0°11	13°55	15°25	6°18	17°40	T 29
W30	4 35 11	7♂34'44	26♂29	25♂58	5♂10	3♂4	24♂53	14♂13	2♂50	2♂50	0♂12	13♂52	15♂22	6♂25	17°Y38	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14s18	24n27	3n15	10s37	0n29	20s12	0s15	18s49	2s19	15s 4	1s 4	17n10	0n29	12n18	0s32	0n18	1n14
W 2	14 37	25 13	2 20	10 5	0 47	20 30	0 18	18 36	2 16	15 3	1 3	17 9	0 29	12 17	0 32	0 17	1 14
T 3	14 56	24 43	1 19	9 38	1 4	20 48	0 20	18 23	2 14	15 2	1 3	17 9	0 30	12 16	0 32	0 16	1 14
F 4	15 14	23 4	0 16	9 16	1 19	21 5	0 23	18 9	2 12	15 1	1 3	17 8	0 30	12 15	0 32	0 16	1 14
S 5	15 33	20 24	0s48	9 0	1 32	21 22	0 26	17 56	2 10	14 59	1 3	17 8	0 30	12 14	0 32	0 15	1 14
S 6	15 51	16 54	1 49	8 50	1 43	21 38	0 28	17 42	2 8	14 58	1 3	17 7	0 30	12 14	0 32	0 14	1 14
M 7	16 9	12 45	2 45	8 45	1 52	21 54	0 31	17 28	2 6	14 57	1 3	17 7	0 30	12 13	0 32	0 14	1 14
T 8	16 26	8 4	3 35	8 46	2 0	22 9	0 33	17 14	2 4	14 55	1 3	17 6	0 30	12 12	0 32	0 13	1 14
W 9	16 44	3 1	4 16	8 52	2 6	22 23	0 36	17 0	2 2	14 54	1 3	17 6	0 31	12 11	0 32	0 12	1 14
T 10	17 1	2s14	4 46	9 2	2 10	22 36	0 39	16 46	1 59	14 52	1 2	17 5	0 31	12 10	0 32	0 12	1 14
F 11	17 17	7 32	5 3	9 16	2 13	22 49	0 41	16 32	1 57	14 51	1 2	17 5	0 31	12 10	0 32	0 11	1 14
S 12	17 34	12 39	5 4	9 34	2 15	23 2	0 44	16 17	1 55	14 49	1 2	17 5	0 31	12 9	0 32	0 11	1 14
S 13	17 50	17 19	4 49	9 54	2 16	23 13	0 46	16 3	1 53	14 47	1 2	17 4	0 31	12 8	0 32	0 10	1 14
M14	18 6	21 11	4 18	10 18	2 15	23 24	0 49	15 48	1 51	14 46	1 2	17 4	0 31	12 7	0 32	0 9	1 14
T 15	18 22	23 53	3 30	10 43	2 14	23 35	0 51	15 33	1 49	14 44	1 2	17 4	0 31	12 7	0 32	0 9	1 14
W16	18 37	25 7	2 28	11 10	2 12	23 44	0 54	15 18	1 47	14 42	1 2	17 4	0 32	12 6	0 32	0 8	1 14
T 17	18 52	24 40	1 06	11 39	2 9	23 53	0 56	15 3	1 45	14 40	1 2	17 4	0 32	12 5	0 32	0 8	1 14
F 18	19 6	22 35	0 11	12 9	2 5	24 1	0 58	14 48	1 43	14 38	1 1	17 4	0 32	12 4	0 32	0 7	1 14
S 19	19 20	19 4	1 17	12 39	2 1	24 9	1 1	14 32	1 41	14 36	1 1	17 3	0 32	12 4	0 32	0 6	1 14
S 20	19 34	14 26	2 29	13 10	1 56	24 16	1 3	14 17	1 39	14 34	1 1	17 3	0 32	12 3	0 32	0 6	1 14
M21	19 48	9 4	3 31	13 42	1 51	24 22	1 5	14 2	1 38	14 31	1 1	17 3	0 32	12 2	0 32	0 5	1 14
T 22	20 1	3 18	4 19	14 14	1 46	24 27	1 8	13 46	1 36	14 29	1 1	17 3	0 33	12 1	0 32	0 5	1 14
W23	20 14	2n33	4 52	14 46	1 40	24 31	1 10	13 30	1 34	14 27	1 1	17 3	0 33	12 1	0 32	0 4	1 14
T 24	20 26	8 13	5 8	15 18	1 34	24 35	1 12	13 14	1 32	14 24	1 1	17 4	0 33	12 0	0 32	0 4	1 15
F 25	20 38	13 25	5 6	15 50	1 27	24 38	1 14	12 58	1 30	14 22	1 1	17 4	0 33	11 59	0 32	0 3	1 15
S 26	20 50	17 54	4 48	16 21	1 21	24 41	1 16	12 42	1 28	14 20	1 0	17 4	0 33	11 59	0 32	0 3	1 15
S 27	21 1	21 27	4 15	16 52	1 14	24 42	1 18	12 26	1 26	14 17	1 0	17 4	0 33	11 58	0 32	0 2	1 15
M28	21 12	23 52	3 30	17 22	1 7	24 43	1 20	12 10	1 24	14 14	1 0	17 4	0 33	11 57	0 32	0 2	1 15
T 29	21 22	25 1	2 35	17 52	1 1	24 43	1 22	11 54	1 23	14 12	1 0	17 4	0 34	11 57	0 32	0 1	1 15
W30	21s33	24n55	1n33	18s21	0n54	24s43	1s24	11s37	1s21	14s 9	1s 0	17n 5	0n34	11n56	0s32	0n 1	1n15

Julian Day Number = 2550464.5, Delta T = 249.83 sec

Ecliptic obliquity = 23°24'17, Nutation = 0°00'15, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°31'33, Lahiri = 27°38'33

ASTRODIENST EPHEMERIS for the year 2270
geocentric

DECEMBER 2270

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 8	8♂35'24	8♂38	27♂32	6♂25	3♂45	25♂1	14°R13	2°R48	2♂51	0♂14	13°D50	15♂19	6♂32	17°R37	T 1
F 2	4 43 4	9°36'05	20°36	29° 6	7°39	4°26	25° 9	14♂12	2♂46	2°52	0°15	13♂50	15°16	6°38	17°Y35	F 2
S 3	4 47 1	10°36'48	2♂28	0♂40	8°53	5° 7	25°17	14°11	2°44	2°54	0°16	13°51	15°13	6°45	17°34	S 3
S 4	4 50 57	11°37'33	14°15	2°14	10° 7	5°48	25°25	14°10	2°42	2°55	0°18	13°53	15° 9	6°52	17°33	S 4
M 5	4 54 54	12°38'19	26° 4	3°48	11°22	6°29	25°34	14° 9	2°41	2°56	0°19	13°55	15° 6	6°58	17°31	M 5
T 6	4 58 50	13°39'06	7♂59	5°22	12°36	7°11	25°42	14° 8	2°39	2°57	0°21	13°56	15° 3	7° 5	17°30	T 6
W 7	5 2 47	14°39'55	20° 4	6°56	13°50	7°52	25°51	14° 7	2°37	2°58	0°22	13°R56	15° 0	7°12	17°29	W 7
T 8	5 6 43	15°40'45	2♂26	8°30	15° 4	8°33	26° 0	14° 6	2°36	2°59	0°24	13°55	14°57	7°18	17°28	T 8
F 9	5 10 40	16°41'37	15° 8	10° 4	16°18	9°15	26° 9	14° 4	2°34	2°59	0°25	13°52	14°53	7°25	17°26	F 9
S 10	5 14 37	17°42'30	28°13	11°38	17°33	9°56	26°18	14° 3	2°33	3° 0	0°27	13°49	14°50	7°31	17°25	S 10
S 11	5 18 33	18°43'24	11♂44	13°12	18°47	10°38	26°27	14° 1	2°31	3° 1	0°28	13°45	14°47	7°38	17°24	S 11
M12	5 22 30	19°44'19	25°40	14°46	20° 1	11°19	26°37	13°59	2°30	3° 2	0°30	13°41	14°44	7°45	17°23	M12
T 13	5 26 26	20°45'16	9♂59	16°20	21°15	12° 1	26°46	13°57	2°28	3° 3	0°31	13°38	14°41	7°51	17°22	T 13
W14	5 30 23	21°46'14	24°35	17°54	22°29	12°42	26°56	13°55	2°27	3° 4	0°33	13°36	14°38	7°58	17°22	W14
T 15	5 34 19	22°47'13	9♂22	19°28	23°43	13°24	27° 6	13°53	2°25	3° 4	0°35	13°D35	14°34	8° 5	17°21	T 15
F 16	5 38 16	23°48'12	24°12	21° 2	24°57	14° 6	27°16	13°51	2°24	3° 5	0°36	13°35	14°31	8°11	17°20	F 16
S 17	5 42 13	24°49'13	8♂58	22°37	26°11	14°48	27°26	13°49	2°23	3° 6	0°38	13°36	14°28	8°18	17°19	S 17
S 18	5 46 9	25°50'13	23°35	24°11	27°25	15°29	27°36	13°46	2°22	3° 6	0°40	13°38	14°25	8°25	17°19	S 18
M19	5 50 6	26°51'14	7♂56	25°45	28°39	16°11	27°46	13°44	2°21	3° 7	0°41	13°39	14°22	8°31	17°18	M19
T 20	5 54 2	27°52'16	22° 1	27°20	29°53	16°53	27°57	13°41	2°20	3° 7	0°43	13°R39	14°19	8°38	17°18	T 20
W21	5 57 59	28°53'18	5♂47	28°54	1♂ 7	17°35	28° 7	13°38	2°19	3° 8	0°45	13°39	14°15	8°45	17°17	W21
T 22	6 1 55	29°54'20	19°16	0♂29	2°21	18°17	28°18	13°36	2°18	3° 8	0°46	13°39	14°12	8°51	17°17	T 22
F 23	6 5 52	0♂55'23	2♂27	2° 4	3°35	18°59	28°28	13°33	2°17	3° 9	0°48	13°37	14° 9	8°58	17°16	F 23
S 24	6 9 48	1°56'26	15°23	3°39	4°48	19°41	28°39	13°30	2°16	3° 9	0°50	13°36	14° 6	9° 5	17°16	S 24
S 25	6 13 45	2°57'30	28° 5	5°14	6° 2	20°23	28°50	13°27	2°15	3°10	0°52	13°34	14° 3	9°11	17°16	S 25
M26	6 17 42	3°58'34	10♂35	6°49	7°16	21° 5	29° 1	13°24	2°14	3°10	0°53	13°33	14° 0	9°18	17°16	M26
T 27	6 21 38	4°59'39	22°53	8°24	8°30	21°47	29°12	13°20	2°13	3°10	0°55	13°32	13°56	9°25	17°16	T 27
W28	6 25 35	6° 0'43	5♂ 1	10° 0	9°43	22°29	29°24	13°17	2°13	3°11	0°57	13°31	13°53	9°31	17°D16	W28
T 29	6 29 31	7° 1'49	17° 1	11°36	10°57	23°11	29°35	13°14	2°12	3°11	0°59	13°D31	13°50	9°38	17°16	T 29
F 30	6 33 28	8° 2'54	28°55	13°12	12°11	23°53	29°46	13°10	2°11	3°11	1° 1	13°31	13°47	9°45	17°16	F 30
S 31	6 37 24	9♂ 4'01	10♂44	14♂49	13♂24	24♂36	29♂58	13♂ 7	2♂11	3♂11	1♂ 3	13♂32	13♂44	9♂51	17°Y16	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	21s42	23n36	0n28	18s50	0n46	24s41	1s26	11s21	1s19	14s 6	1s 0	17n 5	0n34	11n56	0s32	0n 1
F 2	21 51	21 13	0s37	19 17	0 39	24 39	1 28	11 4	1 17	14 4	1 0	17 5	0 34	11 55	0 32	0 0
S 3	22 0	17 57	1 40	19 44	0 32	24 36	1 30	10 48	1 16	14 1	1 0	17 6	0 34	11 54	0 32	0s 0
S 4	22 9	13 59	2 39	20 10	0 25	24 32	1 32	10 31	1 14	13 58	1 0	17 6	0 34	11 54	0 32	0 1
M 5	22 17	9 30	3 31	20 35	0 18	24 28	1 33	10 14	1 12	13 55	0 59	17 7	0 35	11 53	0 32	0 1
T 6	22 24	4 37	4 15	20 59	0 11	24 23	1 35	9 57	1 10	13 52	0 59	17 7	0 35	11 53	0 32	0 1
W 7	22 31	0s29	4 47	21 22	0 4	24 17	1 36	9 40	1 9	13 49	0 59	17 8	0 35	11 52	0 32	0 2
T 8	22 38	5 40	5 8	21 44	0s 3	24 11	1 38	9 23	1 7	13 46	0 59	17 8	0 35	11 52	0 32	0 2
F 9	22 44	10 47	5 14	22 5	0 10	24 3	1 39	9 6	1 5	13 43	0 59	17 9	0 35	11 51	0 32	0 2
S 10	22 50	15 34	5 4	22 25	0 16	23 55	1 41	8 49	1 4	13 39	0 59	17 9	0 35	11 51	0 32	0 3
S 11	22 56	19 44	4 38	22 44	0 23	23 46	1 42	8 32	1 2	13 36	0 59	17 10	0 36	11 50	0 32	0 3
M12	23 1	22 56	3 54	23 2	0 30	23 37	1 43	8 14	1 0	13 33	0 59	17 11	0 36	11 50	0 32	0 3
T 13	23 5	24 48	2 55	23 18	0 36	23 27	1 44	7 57	0 59	13 30	0 59	17 11	0 36	11 49	0 31	0 3
W14	23 9	25 1	1 43	23 33	0 42	23 16	1 45	7 40	0 57	13 26	0 59	17 12	0 36	11 49	0 31	0 4
T 15	23 13	23 28	0 23	23 48	0 48	23 4	1 46	7 22	0 56	13 23	0 59	17 13	0 36	11 48	0 31	0 4
F 16	23 16	20 17	0n58	24 1	0 55	22 52	1 47	7 5	0 54	13 19	0 58	17 14	0 36	11 48	0 31	0 4
S 17	23 18	15 48	2 16	24 12	1 0	22 39	1 48	6 47	0 53	13 16	0 58	17 14	0 36	11 48	0 31	0 4
S 18	23 20	10 26	3 24	24 23	1 6	22 26	1 49	6 30	0 51	13 12	0 58	17 15	0 37	11 47	0 31	0 5
M19	23 22	4 36	4 17	24 32	1 12	22 11	1 50	6 12	0 49	13 8	0 58	17 16	0 37	11 47	0 31	0 5
T 20	23 23	1n21	4 54	24 40	1 17	21 57	1 50	5 54	0 48	13 5	0 58	17 17	0 37	11 46	0 31	0 5
W21	23 24	7 6	5 14	24 46	1 22	21 41	1 51	5 37	0 46	13 1	0 58	17 18	0 37	11 46	0 31	0 5
T 22	23 24	12 23	5 15	24 51	1 27	21 25	1 51	5 19	0 45	12 57	0 58	17 19	0 37	11 46	0 31	0 5
F 23	23 24	17 0	5 0	24 55	1 32	21 8	1 52	5 1	0 43	12 54	0 58	17 20	0 37	11 45	0 31	0 5
S 24	23 23	20 43	4 29	24 58	1 37	20 51	1 52	4 43	0 42	12 50	0 58	17 21	0 38	11 45	0 31	0 5
S 25	23 22	23 23	3 46	24 59	1 41	20 33	1 52	4 26	0 41	12 46	0 58	17 22	0 38	11 45	0 31	0 6
M26	23 21	24 51	2 53	24 59	1 45	20 15	1 53	4 8	0 39	12 42	0 58	17 23	0 38	11 45	0 31	0 6
T 27	23 19	25 5	1 52	24 57	1 49	19 56	1 53	3 50	0 38	12 38	0 58	17 24	0 38	11 44	0 31	0 6
W28	23 16	24 6	0 47	24 54	1 52	19 36	1 53	3 32	0 36	12 34	0 57	17 25	0 38	11 44	0 31	0 6
T 29	23 13	22 0	0s19	24 49	1 56	19 16	1 53	3 14	0 35	12 30	0 57	17 26	0 38	11 44	0 31	0 6
F 30	23 10	18 58	1 25	24 43	1 58	18 55	1 52	2 56	0 33	12 26	0 57	17 27	0 38	11 44	0 31	0 6
S 31	23s 6	15n11	2s26	24s35	2s 1	18s34	1s52	2s38	0s32	12s22	0s57	17n28	0n39	11n44	0s31	0s 6

Julian Day Number = 2550494.5, Delta T = 249.96 sec
Ecliptic obliquity = 23°24'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°31'37, Lahiri = 27°38'37