



Astrodienst Ephemeris Tables for the year 2285

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 2285
geocentric

JANUARY 2285

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 43 44	10°34'47	3m36	26°350	10°3 7	6m24	10°R14	24°321	2°R47	3m23	23°12	13°R11	12°Y52	9°X52	29°R20	T 1
F 2	6 47 40	11°42'56	17° 4	28°19	11°23	6°59	10°B14	24°28	2°B45	3°24	23°14	13°Y 8	12°49	9°59	29°II16	F 2
S 3	6 51 37	12°44'04	0°X22	29°48	12°38	7°34	10°13	24°35	2°42	3°25	23°15	13° 2	12°46	10° 5	29°12	S 3
S 4	6 55 34	13°45'13	13°28	1°15	13°54	8° 9	10°D13	24°42	2°40	3°26	23°16	12°52	12°42	10°12	29° 9	S 4
M 5	6 59 30	14°46'23	26°24	2°40	15° 9	8°44	10°13	24°49	2°37	3°27	23°18	12°40	12°39	10°19	29° 5	M 5
T 6	7 3 27	15°47'32	9°3 8	4° 3	16°25	9°19	10°14	24°56	2°35	3°28	23°19	12°27	12°36	10°25	29° 1	T 6
W 7	7 7 23	16°48'42	21°41	5°23	17°40	9°53	10°14	25° 3	2°32	3°29	23°21	12°12	12°33	10°32	28°58	W 7
T 8	7 11 20	17°49'52	4°1 1	6°40	18°56	10°28	10°15	25°10	2°30	3°30	23°22	11°58	12°30	10°39	28°54	T 8
F 9	7 15 16	18°51'01	16°10	7°54	20°11	11° 3	10°16	25°17	2°27	3°31	23°24	11°46	12°26	10°45	28°50	F 9
S 10	7 19 13	19°52'11	28° 9	9° 3	21°27	11°38	10°17	25°24	2°25	3°31	23°25	11°36	12°23	10°52	28°47	S 10
S 11	7 23 10	20°53'20	10°X 0	10° 6	22°42	12°12	10°18	25°31	2°22	3°32	23°27	11°29	12°20	10°59	28°43	S 11
M12	7 27 6	21°54'29	21°47	11° 4	23°58	12°47	10°20	25°39	2°20	3°33	23°28	11°25	12°17	11° 5	28°40	M12
T 13	7 31 3	22°55'37	3°Y35	11°56	25°13	13°21	10°22	25°46	2°18	3°34	23°30	11°24	12°14	11°12	28°37	T 13
W14	7 34 59	23°56'45	15°27	12°40	26°29	13°56	10°24	25°53	2°15	3°34	23°32	11°D24	12°11	11°19	28°33	W14
T 15	7 38 56	24°57'52	27°30	13°15	27°44	14°30	10°26	26° 0	2°13	3°35	23°33	11°R24	12° 7	11°25	28°30	T 15
F 16	7 42 52	25°58'59	9°X50	13°41	29° 0	15° 4	10°28	26° 7	2°11	3°36	23°35	11°23	12° 4	11°32	28°27	F 16
S 17	7 46 49	27° 0'06	22°31	13°57	0°15	15°38	10°31	26°14	2° 8	3°36	23°36	11°20	12° 1	11°39	28°23	S 17
S 18	7 50 45	28° 1'11	5°II38	14°R 2	1°30	16°13	10°34	26°21	2° 6	3°37	23°38	11°15	11°58	11°45	28°20	S 18
M19	7 54 42	29° 2'17	19°13	13°55	2°46	16°47	10°36	26°28	2° 4	3°38	23°40	11° 7	11°55	11°52	28°17	M19
T 20	7 58 39	0°1 3'21	3°B17	13°37	4° 1	17°21	10°40	26°35	2° 2	3°38	23°41	10°57	11°52	11°59	28°14	T 20
W21	8 2 35	1° 4'26	17°46	13° 7	5°17	17°55	10°43	26°43	2° 0	3°39	23°43	10°46	11°48	12° 5	28°11	W21
T 22	8 6 32	2° 5'29	2°Q35	12°26	6°32	18°28	10°47	26°50	1°57	3°39	23°45	10°35	11°45	12°12	28° 8	T 22
F 23	8 10 28	3° 6'32	17°34	11°34	7°48	19° 2	10°50	26°57	1°55	3°39	23°46	10°25	11°42	12°19	28° 5	F 23
S 24	8 14 25	4° 7'34	2°P35	10°33	9° 3	19°36	10°54	27° 4	1°53	3°40	23°48	10°18	11°39	12°25	28° 2	S 24
S 25	8 18 21	5° 8'36	17°28	9°25	10°18	20°10	10°58	27°11	1°51	3°40	23°50	10°13	11°36	12°32	27°59	S 25
M26	8 22 18	6° 9'38	2°A 6	8°12	11°34	20°43	11° 3	27°18	1°49	3°40	23°51	10°11	11°32	12°39	27°56	M26
T 27	8 26 14	7°10'39	16°25	6°55	12°49	21°17	11° 7	27°25	1°47	3°41	23°53	10°D11	11°29	12°45	27°54	T 27
W28	8 30 11	8°11'39	0°M24	5°38	14° 4	21°50	11°12	27°32	1°45	3°41	23°55	10°12	11°26	12°52	27°51	W28
T 29	8 34 8	9°12'40	14° 3	4°23	15°20	22°23	11°17	27°39	1°43	3°41	23°57	10°R12	11°23	12°59	27°48	T 29
F 30	8 38 4	10°13'40	27°23	3°11	16°35	22°57	11°22	27°46	1°42	3°41	23°58	10°10	11°20	13° 5	27°46	F 30
S 31	8 42 1	11°14'39	10°X27	2°15	17°51	23°M30	11°B27	27°53	1°40	3°41	24° 0	10°Y 7	11°Y17	13°X12	27°II44	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22s58	14s21	1s46	22s48	2s 4	23s31	0s30	12s27	1n15	13n46	1s10	21s12	0n 1	23n38	0n15	11s 3	1n41	21s53	8s37	5n12	5n 4	10s27	16n37	6s47	6s47	6s47	6s47	6s47	6s47	6s47	6s47
F 2	22 53	19 36	2 49	22 26	2 1	23 27	0 32	12 39	1 14	13 46	1 9	21 11	0 1	23 38	0 15	11 3	1 41	21 52	8 37	5 11	5 3	10 24	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
S 3	22 48	23 48	3 41	22 3	1 56	23 22	0 34	12 51	1 14	13 46	1 9	21 10	0 1	23 38	0 15	11 3	1 41	21 52	8 36	5 8	5 2	10 21	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
S 4	22 42	26 43	4 22	21 40	1 51	23 17	0 36	13 2	1 14	13 46	1 9	21 8	0 1	23 38	0 15	11 4	1 41	21 51	8 36	5 5	5 1	10 18	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
M 5	22 35	28 9	4 48	21 15	1 45	23 11	0 39	13 13	1 14	13 47	1 9	21 7	0 1	23 38	0 15	11 4	1 41	21 50	8 36	5 0	4 59	10 15	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
T 6	22 28	28 4	4 59	20 49	1 39	23 4	0 41	13 25	1 14	13 47	1 8	21 6	0 1	23 38	0 15	11 4	1 41	21 50	8 36	4 55	4 58	10 11	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
W 7	22 21	26 31	4 56	20 22	1 31	22 57	0 43	13 36	1 13	13 48	1 8	21 5	0 1	23 38	0 15	11 4	1 41	21 49	8 36	4 49	4 57	10 8	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
T 8	22 13	23 43	4 38	19 55	1 22	22 49	0 45	13 47	1 13	13 48	1 8	21 4	0 1	23 38	0 15	11 5	1 41	21 49	8 36	4 43	4 56	10 5	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
F 9	22 5	19 55	4 8	19 27	1 13	22 40	0 47	13 58	1 13	13 49	1 7	21 2	0 0	23 38	0 15	11 5	1 41	21 48	8 36	4 39	4 55	10 2	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
S 10	21 56	15 20	3 27	18 59	1 3	22 30	0 49	14 9	1 13	13 49	1 7	21 1	0 0	23 38	0 15	11 5	1 41	21 48	8 36	4 35	4 53	9 58	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
S 11	21 47	10 15	2 38	18 30	0 51	22 20	0 51	14 19	1 13	13 50	1 7	21 0	0 0	23 38	0 15	11 5	1 41	21 47	8 36	4 32	4 52	9 55	16 37	6 47	6 47	6 47	6 47	6 47	6 47	6 47	6 47
M12	21 38	4 49	1 42	18 3	0 39	22 9	0 53	14 30	1 12	13 51	1 6	20 59	0 0	23 38	0 15	11 6	1 41	21 46	8 36	4 31	4 51	9 52	16 37	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
T 13	21 28	0n47	0 41	17 35	0 25	21 57	0 55	14 41	1 12	13 52	1 6	20 58	0 0	23 38	0 15	11 6	1 41	21 46	8 36	4 30	4 50	9 49	16 38	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
W14	21 17	6 24	0n22	17 9	0 10	21 45	0 57	14 51	1 12	13 52	1 6	20 56	0 0	23 38	0 15	11 6	1 41	21 45	8 36	4 30	4 48	9 45	16 38	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
T 15	21 6	11 53	1 24	16 44	0n 5	21 32	0 58	15 1	1 12	13 53	1 6	20 55	0 0	23 38	0 15	11 6	1 41	21 45	8 36	4 30	4 47	9 42	16 38	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
F 16	20 55	17 2	2 25	16 21	0 22	21 19	1 0	15 12	1 11	13 54	1 5	20 54	0s 0	23 38	0 15	11 6	1 41	21 44	8 36	4 30	4 46	9 39	16 38	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
S 17	20 44	21 35	3 20	16 0	0 39	21 5	1 2	15 22	1 11	13 56	1 5	20 53	0 0	23 38	0 15	11 6	1 42	21 43	8 36	4 29	4 45	9 36	16 38	6 46	6 46	6 46	6 46	6 46	6 46	6 46	6 46
S 18	20 32	25 15	4 6	15 41	0 57	20 50	1 4	15 32	1 11	13 57	1 5	20 51	0 0	23 38	0 15	11 7	1 42	21 43	8 36	4 27	4 43	9 32	16 38	6 45	6 45	6 45	6 45	6 45	6 45	6 45	6 45
M19	20 19	27 38	4 41	15 25	1 16	20 34	1 5	15 42	1 11	13 58	1 4	20 50	0 0	23 38	0 15	11 7	1 42	21 42	8 35	4 24	4 42	9 29	16 38	6 45	6 45	6 45	6 45	6 45	6 45	6 45	6 45
T 20	20 7	28 21	4 59	15 13	1 34	20 18	1 7	15 52	1 10	13 59	1 4	20 49	0 0	23 38	0 15	11 7	1 42	21 42	8 35	4 20	4 41	9 26	16 39	6 45	6 45	6 45	6 45	6 45	6 45	6 45	6 45
W21	19 53	27 11	5 0	15 3	1 53	20 2	1 8	16 1	1 10	14 0	1 4	20 47	0 0	23 38	0 15	11 7	1 42	21 41	8 35	4 15	4 40	9 23	16 39	6 45	6 45	6 45	6 45	6 45	6 45	6 45	6 45
T 22	19 40	24 6	4 40	14 58	2 11	19 44	1 10	16 11	1 10	14 2	1 3	20 46	0 0	23 39	0 15	11 7	1 42	21 41	8 35	4 11	4 38	9 19	16 39	6 44	6 44	6 44	6 44	6 44	6 44	6 44	6 44
F 23	19 26	19 23	4 2	14 55	2 28	19 27	1 11	16 20	1 10	14 3	1 3	20 45	0 1	23 39	0 15	11 7	1 42	21 40	8 35	4 7	4 37	9 16	16 39	6 44	6 44	6 44	6 44	6 44	6 44	6 44	6 44
S 24	19 12	13 26	3 6	14 57	2 43	19 8	1 13	16 30	1 9	14 5	1 3	20 44	0 1	23 39	0 15	11 7	1 42	21 39	8 35	4 4	4 36	9 13	16 39	6 44	6 44	6 44	6 44	6 44	6 44	6 44	6 44
S 25	18 57	6 45	1 58	15 1	2 57	18 49	1 14	16 39	1 9	14 6	1 3	20 42	0 1	23 39	0 15	11 7	1 42	21 39	8 35	4 3	4 35	9 10	16 40	6 44	6 44	6 44	6 44	6 44	6 44	6 44	6 44
M26	18 42	0s11	0 43	15 8	3 9	18 30	1 15	16 48	1 9	14 8	1 2	20 41	0 1	23 39	0 15	11 7	1 42	21 38	8 35	4 2	4 33	9 6	16 40	6 43	6 43	6 43	6 43	6 43	6 43	6 43	6 43
T 27	18 27	6 58	0s33	15 18	3 19	18 10	1 16	16 57	1 8	14 10	1 2	20 40	0 1	23 39	0 15	11 7	1 42	21 38	8 35	4 2	4 32	9 3	16 40	6 43	6 43	6 43	6 43	6 43	6 43	6 43	6 43
W28	18 11	13 15	1 46	15 30	3 26	17 49	1 18	17 6	1 8	14 11	1 2	20 38	0 1	23 39	0 15	11 7	1 42	21 37	8 35	4 2	4 31	9 0	16 40	6 43	6 43	6 43	6 43	6 43	6 43	6 43	6 43
T 29	17 56	18 45	2 50	15 43	3 31	17 28	1 19	17 15	1 8	14 13	1 1	20 37	0 1	23 39	0 15	11 7	1 42	21 36	8 35	4 2	4 30	8 57	16 41	6 43	6 43	6 43	6 43	6 43	6 43	6 43	6 43
F 30	17 39	23 11	3 44	15 57	3 33	17 7	1 20	17 24	1 7	14 15	1 1	20 36	0 1	23 39	0 15	11 7	1 42	21 36	8 35	4 1	4 29	8 53	16 41	6 42	6 42	6 42	6 42	6 42	6 42	6 42	6 42
S 31	17s23	26s21	4s25	16s12	3n33	16s45	1s21	17s32	1n 7	14n17	1s 1	20s34	0s 1	23n39	0n15	11s 7	1n42	21s35	8s35	4n 0	4n27	8s50	16n41	6s42	6s42	6s42	6s42	6s42	6s42	6s42	6s42

Julian Day Number = 2555639.5, Delta T = 271.84 sec
Ecliptic obliquity = 23°24'16, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°43'26, Lahiri = 27°50'26

ASTRODIENST EPHEMERIS for the year 2285
geocentric

FEBRUARY 2285

00:00 UT

Day	Sid.t	☉	☽	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Day
S 1	8 45 57	12 ¹⁵ 38	23 ¹¹ 16	1°R 5	19 ¹¹ 6	24 ¹¹ 3	11 ¹⁸ 32	28 ¹³ 0	1°R38	3 ¹¹ 41	24 ¹¹ 2	10°R 0	11 ¹¹ 13	13 ¹¹ 19	27°R41	S 1
M 2	8 49 54	13°16'36	5 ¹³ 54	0 ¹¹ 14	20°21	24°36	11°38	28° 7	1 ¹³ 36	3°42	24° 4	9°Y51	11°10	13°25	27°II39	M 2
T 3	8 53 50	14°17'33	18°20	29 ¹³ 31	21°37	25° 9	11°44	28°14	1°34	3°R42	24° 5	9°41	11° 7	13°32	27°37	T 3
W 4	8 57 47	15°18'30	0 ¹¹ 36	28°56	22°52	25°42	11°50	28°21	1°33	3°42	24° 7	9°30	11° 4	13°39	27°34	W 4
T 5	9 1 43	16°19'26	12°43	28°31	24° 7	26°14	11°56	28°28	1°31	3°42	24° 9	9°19	11° 1	13°45	27°32	T 5
F 6	9 5 40	17°20'20	24°43	28°14	25°22	26°47	12° 2	28°35	1°30	3°41	24°11	9°10	10°58	13°52	27°30	F 6
S 7	9 9 37	18°21'14	6 ¹¹ 36	28° 5	26°38	27°19	12° 8	28°41	1°28	3°41	24°12	9° 3	10°54	13°59	27°28	S 7
S 8	9 13 33	19°22'06	18°25	28°D 4	27°53	27°52	12°15	28°48	1°27	3°41	24°14	8°58	10°51	14° 5	27°26	S 8
M 9	9 17 30	20°22'57	0°Y11	28°11	29° 8	28°24	12°22	28°55	1°25	3°41	24°16	8°55	10°48	14°12	27°25	M 9
T 10	9 21 26	21°23'47	11°59	28°24	0 ¹¹ 23	28°56	12°29	29° 2	1°24	3°41	24°18	8°D55	10°45	14°19	27°23	T 10
W11	9 25 23	22°24'35	23°52	28°44	1°39	29°28	12°36	29° 9	1°22	3°41	24°19	8°56	10°42	14°25	27°21	W11
T 12	9 29 19	23°25'22	5 ¹¹ 54	29° 9	2°54	0 ¹¹ 0	12°43	29°15	1°21	3°40	24°21	8°57	10°38	14°32	27°20	T 12
F 13	9 33 16	24°26'08	18°10	29°40	4° 9	0°32	12°50	29°22	1°20	3°40	24°23	8°59	10°35	14°39	27°18	F 13
S 14	9 37 12	25°26'52	0°II47	0 ¹¹ 17	5°24	1° 4	12°58	29°29	1°19	3°40	24°25	8°R59	10°32	14°45	27°17	S 14
S 15	9 41 9	26°27'34	13°47	0°57	6°39	1°35	13° 6	29°35	1°17	3°39	24°27	8°57	10°29	14°52	27°15	S 15
M16	9 45 6	27°28'15	27°16	1°42	7°54	2° 7	13°14	29°42	1°16	3°39	24°28	8°54	10°26	14°59	27°14	M16
T 17	9 49 2	28°28'55	11 ¹¹ 54	2°30	9° 9	2°38	13°22	29°48	1°15	3°38	24°30	8°49	10°23	15° 5	27°13	T 17
W18	9 52 59	29°29'32	25°40	3°23	10°25	3° 9	13°30	29°55	1°14	3°38	24°32	8°43	10°19	15°12	27°12	W18
T 19	9 56 55	0 ¹¹ 30'09	10 ¹¹ 31	4°18	11°40	3°40	13°38	0 ¹¹ 1	1°13	3°37	24°34	8°37	10°16	15°19	27°11	T 19
F 20	10 0 52	1°30'43	25°38	5°16	12°55	4°11	13°46	0° 8	1°12	3°37	24°35	8°31	10°13	15°25	27°10	F 20
S 21	10 4 48	2°31'16	10 ¹¹ 53	6°17	14°10	4°42	13°55	0°14	1°11	3°36	24°37	8°27	10°10	15°32	27° 9	S 21
S 22	10 8 45	3°31'48	26° 4	7°21	15°25	5°13	14° 4	0°20	1°11	3°36	24°39	8°25	10° 7	15°39	27° 8	S 22
M23	10 12 41	4°32'18	11 ¹¹ 3	8°26	16°40	5°44	14°12	0°27	1°10	3°35	24°41	8°D24	10° 4	15°45	27° 7	M23
T 24	10 16 38	5°32'47	25°42	9°35	17°55	6°14	14°21	0°33	1° 9	3°34	24°43	8°25	10° 0	15°52	27° 7	T 24
W25	10 20 35	6°33'14	9 ¹¹ 57	10°45	19°10	6°44	14°30	0°39	1° 8	3°34	24°44	8°27	9°57	15°59	27° 6	W25
T 26	10 24 31	7°33'41	23°47	11°57	20°24	7°14	14°40	0°45	1° 8	3°33	24°46	8°28	9°54	16° 5	27° 6	T 26
F 27	10 28 28	8°34'06	7 ¹¹ 12	13°11	21°39	7°44	14°49	0°52	1° 7	3°32	24°48	8°R29	9°51	16°12	27° 5	F 27
S 28	10 32 24	9 ¹¹ 34'30	20 ¹¹ 15	14 ¹¹ 26	22 ¹¹ 54	8 ¹¹ 14	14 ¹¹ 59	0 ¹¹ 58	1 ¹¹ 7	3 ¹¹ 31	24 ¹¹ 50	8 ¹¹ Y28	9 ¹¹ Y48	16 ¹¹ 19	27 ¹¹ II 5	S 28

Day	☉	☾		♈		♀		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s 6	28s 6	4s52	16s27	3n31	16s22	1s22	17s41	1n 7	14n19	1 s 1	20s33	0s 1	23n39	0n15	11s 7	1n42	21s35	8s35	3n57	4n26	8s47	16n42	6s42	16s42	6s42	
M 2	16 49	28 20	5 4	16 42	3 27	15 59	1 23	17 49	1 6	14 21	1 0	20 32	0 1	23 39	0 15	11 7	1 43	21 34	8 35	3 54	4 25	8 43	16 42	6 41	16 42	6 41	
T 3	16 31	27 8	5 1	16 57	3 20	15 36	1 23	17 58	1 6	14 23	1 0	20 30	0 1	23 39	0 15	11 7	1 43	21 33	8 35	3 50	4 24	8 40	16 42	6 41	16 42	6 41	
W 4	16 13	24 37	4 45	17 12	3 13	15 12	1 24	18 6	1 5	14 25	1 0	20 29	0 1	23 39	0 15	11 7	1 43	21 33	8 35	3 46	4 22	8 37	16 42	6 41	16 42	6 41	
T 5	15 55	21 3	4 15	17 25	3 4	14 48	1 25	18 14	1 5	14 27	1 0	20 28	0 1	23 39	0 15	11 7	1 43	21 32	8 35	3 41	4 21	8 34	16 43	6 40	16 43	6 40	
F 6	15 37	16 38	3 35	17 38	2 55	14 23	1 26	18 22	1 5	14 29	0 59	20 26	0 2	23 39	0 15	11 7	1 43	21 32	8 35	3 38	4 20	8 30	16 43	6 40	16 43	6 40	
S 7	15 18	11 38	2 45	17 50	2 44	13 58	1 26	18 30	1 4	14 31	0 59	20 25	0 2	23 39	0 15	11 7	1 43	21 31	8 35	3 35	4 19	8 27	16 43	6 40	16 43	6 40	
S 8	14 59	6 14	1 48	18 1	2 34	13 33	1 27	18 37	1 4	14 33	0 59	20 24	0 2	23 39	0 15	11 7	1 43	21 31	8 35	3 33	4 17	8 24	16 44	6 39	16 44	6 39	
M 9	14 40	0 39	0 47	18 10	2 22	13 7	1 27	18 45	1 3	14 36	0 58	20 23	0 2	23 39	0 15	11 7	1 43	21 30	8 36	3 32	4 16	8 20	16 44	6 39	16 44	6 39	
T 10	14 21	4n59	0n17	18 19	2 11	12 41	1 27	18 52	1 3	14 38	0 58	20 21	0 2	23 39	0 15	11 7	1 43	21 29	8 36	3 32	4 15	8 17	16 44	6 38	16 44	6 38	
W11	14 1	10 29	1 20	18 27	1 59	12 14	1 28	19 0	1 2	14 41	0 58	20 20	0 2	23 39	0 15	11 6	1 43	21 29	8 36	3 32	4 14	8 14	16 45	6 38	16 45	6 38	
T 12	13 42	15 41	2 21	18 33	1 47	11 48	1 28	19 7	1 2	14 43	0 58	20 19	0 2	23 39	0 15	11 6	1 43	21 28	8 36	3 33	4 12	8 10	16 45	6 38	16 45	6 38	
F 13	13 21	20 22	3 17	18 38	1 36	11 21	1 28	19 14	1 1	14 45	0 57	20 17	0 2	23 39	0 15	11 6	1 43	21 28	8 36	3 33	4 11	8 7	16 45	6 37	16 45	6 37	
S 14	13 1	24 16	4 4	18 42	1 24	10 53	1 28	19 21	1 1	14 48	0 57	20 16	0 2	23 39	0 15	11 6	1 43	21 27	8 36	3 33	4 10	8 4	16 46	6 37	16 46	6 37	
S 15	12 41	27 4	4 41	18 44	1 12	10 25	1 28	19 28	1 0	14 50	0 57	20 15	0 2	23 39	0 15	11 6	1 43	21 27	8 36	3 33	4 9	8 1	16 46	6 36	16 46	6 36	
M16	12 20	28 27	5 4	18 46	1 1	9 58	1 28	19 35	1 0	14 53	0 57	20 13	0 2	23 39	0 15	11 6	1 43	21 26	8 36	3 31	4 7	7 57	16 47	6 36	16 47	6 36	
T 17	11 59	28 5	5 10	18 46	0 50	9 29	1 28	19 41	0 59	14 56	0 56	20 12	0 2	23 39	0 15	11 5	1 43	21 26	8 36	3 29	4 6	7 54	16 47	6 36	16 47	6 36	
W18	11 38	25 50	4 57	18 45	0 39	9 1	1 28	19 48	0 59	14 58	0 56	20 11	0 2	23 39	0 15	11 5	1 43	21 25	8 36	3 27	4 5	7 51	16 47	6 35	16 47	6 35	
T 19	11 17	21 48	4 24	18 42	0 28	8 32	1 28	19 54	0 58	15 1	0 56	20 9	0 3	23 39	0 15	11 5	1 44	21 24	8 36	3 25	4 4	7 47	16 48	6 35	16 48	6 35	
F 20	10 55	16 17	3 32	18 38	0 18	8 3	1 28	20 1	0 58	15 4	0 56	20 8	0 3	23 39	0 15	11 5	1 44	21 24	8 36	3 22	4 2	7 44	16 48	6 34	16 48	6 34	
S 21	10 34	9 42	2 25	18 33	0 8	7 34	1 27	20 7	0 57	15 7	0 55	20 7	0 3	23 39	0 15	11 4	1 44	21 23	8 36	3 21	4 1	7 41	16 49	6 34	16 49	6 34	
S 22	10 12	2 35	1 7	18 27	0s 2	7 5	1 27	20 13	0 56	15 9	0 55	20 6	0 3	23 39	0 15	11 4	1 44	21 23	8 36	3 20	4 0	7 37	16 49	6 34	16 49	6 34	
M23	9 50	4s35	0s14	18 19	0 12	6 35	1 26	20 19	0 56	15 12	0 55	20 4	0 3	23 39	0 15	11 4	1 44	21 22	8 37	3 20	3 59	7 34	16 49	6 33	16 49	6 33	
T 24	9 28	11 22	1 33	18 10	0 21	6 5	1 26	20 25	0 55	15 15	0 55	20 3	0 3	23 39	0 15	11 4	1 44	21 22	8 37	3 20	3 57	7 31	16 50	6 33	16 50	6 33	
W25	9 6	17 22	2 44	18 0	0 30	5 36	1 25	20 31	0 54	15 18	0 55	20 2	0 3	23 39	0 15	11 3	1 44	21 21	8 37	3 21	3 56	7 27	16 50	6 32	16 50	6 32	
T 26	8 43	22 18	3 43	17 48	0 38	5 6	1 25	20 36	0 54	15 21	0 54	20 1	0 3	23 39	0 15	11 3	1 44	21 21	8 37	3 21	3 55	7 24	16 51	6 32	16 51	6 32	
F 27	8 21	25 53	4 28	17 35	0 47	4 35	1 24	20 42	0 53	15 24	0 54	19 59	0 3	23 39	0 15	11 3	1 44	21 20	8 37	3 21	3 54	7 21	16 51	6 31	16 51	6 31	
S 28	7s58	28s 0	4s58	17s21	0s54	4s 5	1s23	20s47	0n52	15n27	0s54	19s58	0s 3	23n39	0n15	11s 3	1n44	21s20	8s37	3n21	3n52	7s17	16n52	6s31	16n52	6s31	

Julian Day Number = 2555670.5, Delta T = 271.97 sec
Ecliptic obliquity = 23°24'17, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°43'30, Lahiri = 27°50'31

ASTRODIENST EPHEMERIS for the year 2285

geocentric

MARCH 2285

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 21	10 ^h 34 ^m 52 ^s	2 ^h 35 ^m 58 ^s	15 ^h 43 ^m 43 ^s	24 ^h 39 ^m 9 ^s	8 ^h 44 ^m 15 ^s	15 ^h 8 ^m 8 ^s	1 ^h 44 ^m 4 ^s	1 ^h 10 ^m 6 ^s	3 ^h 31 ^m 30 ^s	24 ^h 55 ^m 1 ^s	8 ^h 26 ^m 2 ^s	9 ^h 44 ^m 4 ^s	16 ^h 25 ^m 25 ^s	27 ^h 0 ^m 5 ^s	S 1
M 2	10 40 17	11 ^h 35 ^m 13 ^s	15 ^h 25 ^m 2 ^s	17 ^h 2 ^m 25 ^s	25 ^h 24 ^m 9 ^s	9 ^h 14 ^m 15 ^s	15 ^h 18 ^m 1 ^s	1 ^h 10 ^m 1 ^s	1 ^h 10 ^m 6 ^s	3 ^h 31 ^m 30 ^s	24 ^h 55 ^m 1 ^s	8 ^h 26 ^m 2 ^s	9 ^h 44 ^m 4 ^s	16 ^h 25 ^m 25 ^s	27 ^h 0 ^m 5 ^s	M 2
T 3	10 44 14	12 ^h 35 ^m 33 ^s	27 ^h 40 ^m 18 ^s	18 ^h 22 ^m 26 ^s	26 ^h 39 ^m 9 ^s	9 ^h 43 ^m 15 ^s	15 ^h 28 ^m 1 ^s	1 ^h 16 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 29 ^m 24 ^s	24 ^h 55 ^m 8 ^s	8 ^h 19 ^m 9 ^s	9 ^h 38 ^m 16 ^s	27 ^h 0 ^m 4 ^s	T 3	
W 4	10 48 10	13 ^h 35 ^m 51 ^s	9 ^h 44 ^m 19 ^s	19 ^h 44 ^m 27 ^s	27 ^h 54 ^m 10 ^s	10 ^h 12 ^m 15 ^s	15 ^h 38 ^m 1 ^s	1 ^h 22 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 28 ^m 24 ^s	24 ^h 56 ^m 8 ^s	8 ^h 15 ^m 9 ^s	9 ^h 35 ^m 16 ^s	27 ^h 0 ^m 5 ^s	W 4	
T 5	10 52 7	14 ^h 36 ^m 07 ^s	21 ^h 41 ^m 21 ^s	21 ^h 7 ^m 29 ^s	29 ^h 8 ^m 10 ^s	10 ^h 41 ^m 15 ^s	15 ^h 48 ^m 1 ^s	1 ^h 27 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 27 ^m 24 ^s	24 ^h 58 ^m 8 ^s	8 ^h 11 ^m 9 ^s	9 ^h 32 ^m 16 ^s	27 ^h 0 ^m 5 ^s	T 5	
F 6	10 56 4	15 ^h 36 ^m 22 ^s	3 ^h 33 ^m 22 ^s	22 ^h 31 ^m 0 ^s	0 ^h 23 ^m 11 ^s	11 ^h 10 ^m 15 ^s	15 ^h 58 ^m 1 ^s	1 ^h 33 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 26 ^m 25 ^s	25 ^h 0 ^m 8 ^s	8 ^h 7 ^m 9 ^s	9 ^h 29 ^m 16 ^s	27 ^h 0 ^m 5 ^s	F 6	
S 7	11 0 0	16 ^h 36 ^m 35 ^s	15 ^h 21 ^m 23 ^s	23 ^h 56 ^m 1 ^s	1 ^h 38 ^m 11 ^s	11 ^h 39 ^m 16 ^s	16 ^h 8 ^m 1 ^s	1 ^h 39 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 25 ^m 25 ^s	25 ^h 1 ^m 8 ^s	8 ^h 4 ^m 9 ^s	9 ^h 25 ^m 17 ^s	27 ^h 0 ^m 5 ^s	S 7	
S 8	11 3 57	17 ^h 36 ^m 46 ^s	27 ^h 9 ^m 25 ^s	25 ^h 23 ^m 2 ^s	2 ^h 52 ^m 12 ^s	12 ^h 7 ^m 16 ^s	16 ^h 19 ^m 1 ^s	1 ^h 45 ^m 1 ^s	1 ^h 4 ^m 3 ^s	3 ^h 24 ^m 25 ^s	25 ^h 3 ^m 8 ^s	8 ^h 3 ^m 9 ^s	9 ^h 22 ^m 17 ^s	27 ^h 0 ^m 5 ^s	S 8	
M 9	11 7 53	18 ^h 36 ^m 56 ^s	8 ^h 57 ^m 26 ^s	26 ^h 51 ^m 4 ^s	4 ^h 7 ^m 12 ^s	12 ^h 35 ^m 16 ^s	16 ^h 29 ^m 1 ^s	1 ^h 50 ^m 1 ^s	1 ^h 4 ^m 3 ^s	3 ^h 23 ^m 25 ^s	25 ^h 5 ^m 8 ^s	8 ^h 2 ^m 9 ^s	9 ^h 19 ^m 17 ^s	27 ^h 0 ^m 6 ^s	M 9	
T 10	11 11 50	19 ^h 37 ^m 03 ^s	20 ^h 49 ^m 28 ^s	28 ^h 20 ^m 5 ^s	5 ^h 22 ^m 13 ^s	13 ^h 3 ^m 16 ^s	16 ^h 40 ^m 1 ^s	1 ^h 56 ^m 1 ^s	1 ^h 4 ^m 3 ^s	3 ^h 22 ^m 25 ^s	25 ^h 6 ^m 8 ^s	8 ^h 3 ^m 9 ^s	9 ^h 16 ^m 17 ^s	27 ^h 0 ^m 6 ^s	T 10	
W 11	11 15 46	20 ^h 37 ^m 09 ^s	2 ^h 47 ^m 29 ^s	29 ^h 51 ^m 6 ^s	6 ^h 36 ^m 13 ^s	13 ^h 31 ^m 16 ^s	16 ^h 50 ^m 2 ^s	2 ^h 1 ^m 1 ^s	1 ^h 4 ^m 3 ^s	3 ^h 21 ^m 25 ^s	25 ^h 8 ^m 8 ^s	8 ^h 4 ^m 9 ^s	9 ^h 13 ^m 17 ^s	27 ^h 0 ^m 7 ^s	W 11	
T 12	11 19 43	21 ^h 37 ^m 13 ^s	14 ^h 54 ^m 1 ^s	1 ^h 22 ^m 7 ^s	7 ^h 51 ^m 13 ^s	13 ^h 59 ^m 17 ^s	1 ^h 1 ^m 2 ^s	2 ^h 7 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 20 ^m 25 ^s	25 ^h 10 ^m 8 ^s	8 ^h 5 ^m 9 ^s	9 ^h 7 ^m 17 ^s	27 ^h 0 ^m 8 ^s	T 12	
F 13	11 23 39	22 ^h 37 ^m 14 ^s	27 ^h 14 ^m 2 ^s	2 ^h 55 ^m 9 ^s	9 ^h 6 ^m 14 ^s	14 ^h 26 ^m 17 ^s	17 ^h 12 ^m 2 ^s	2 ^h 12 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 19 ^m 25 ^s	25 ^h 11 ^m 8 ^s	8 ^h 7 ^m 9 ^s	9 ^h 6 ^m 17 ^s	27 ^h 0 ^m 9 ^s	F 13	
S 14	11 27 36	23 ^h 37 ^m 14 ^s	9 ^h 11 ^m 51 ^s	4 ^h 29 ^m 10 ^s	10 ^h 20 ^m 14 ^s	14 ^h 54 ^m 17 ^s	17 ^h 23 ^m 2 ^s	2 ^h 17 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 18 ^m 25 ^s	25 ^h 13 ^m 8 ^s	8 ^h 8 ^m 9 ^s	9 ^h 3 ^m 17 ^s	27 ^h 0 ^m 9 ^s	S 14	
S 15	11 31 33	24 ^h 37 ^m 11 ^s	22 ^h 47 ^m 6 ^s	6 ^h 4 ^m 11 ^s	11 ^h 35 ^m 15 ^s	15 ^h 21 ^m 17 ^s	17 ^h 34 ^m 2 ^s	2 ^h 23 ^m 1 ^s	1 ^h 5 ^m 3 ^s	3 ^h 16 ^m 25 ^s	25 ^h 15 ^m 8 ^s	8 ^h 8 ^m 9 ^s	9 ^h 0 ^m 17 ^s	27 ^h 0 ^m 10 ^s	S 15	
M 16	11 35 29	25 ^h 37 ^m 06 ^s	6 ^h 8 ^m 7 ^s	7 ^h 40 ^m 12 ^s	12 ^h 49 ^m 15 ^s	15 ^h 47 ^m 17 ^s	17 ^h 46 ^m 2 ^s	2 ^h 28 ^m 1 ^s	1 ^h 6 ^m 3 ^s	3 ^h 15 ^m 25 ^s	25 ^h 16 ^m 8 ^s	8 ^h 8 ^m 9 ^s	8 ^h 57 ^m 18 ^s	27 ^h 0 ^m 11 ^s	M 16	
T 17	11 39 26	26 ^h 36 ^m 59 ^s	19 ^h 54 ^m 9 ^s	9 ^h 18 ^m 14 ^s	14 ^h 3 ^m 16 ^s	16 ^h 14 ^m 17 ^s	17 ^h 57 ^m 2 ^s	2 ^h 33 ^m 1 ^s	1 ^h 6 ^m 3 ^s	3 ^h 14 ^m 25 ^s	25 ^h 18 ^m 8 ^s	8 ^h 7 ^m 8 ^s	8 ^h 54 ^m 18 ^s	27 ^h 0 ^m 13 ^s	T 17	
W 18	11 43 22	27 ^h 36 ^m 50 ^s	4 ^h 9 ^m 10 ^s	10 ^h 56 ^m 15 ^s	15 ^h 18 ^m 16 ^s	16 ^h 40 ^m 18 ^s	18 ^h 8 ^m 2 ^s	2 ^h 38 ^m 1 ^s	1 ^h 6 ^m 3 ^s	3 ^h 13 ^m 25 ^s	25 ^h 19 ^m 8 ^s	8 ^h 6 ^m 8 ^s	8 ^h 50 ^m 18 ^s	27 ^h 0 ^m 14 ^s	W 18	
T 19	11 47 19	28 ^h 36 ^m 39 ^s	18 ^h 44 ^m 12 ^s	12 ^h 36 ^m 16 ^s	16 ^h 32 ^m 17 ^s	17 ^h 7 ^m 18 ^s	18 ^h 20 ^m 2 ^s	2 ^h 43 ^m 1 ^s	1 ^h 7 ^m 3 ^s	3 ^h 12 ^m 25 ^s	25 ^h 21 ^m 8 ^s	8 ^h 5 ^m 8 ^s	8 ^h 47 ^m 18 ^s	27 ^h 0 ^m 15 ^s	T 19	
F 20	11 51 15	29 ^h 36 ^m 25 ^s	3 ^h 14 ^m 14 ^s	14 ^h 17 ^m 17 ^s	17 ^h 47 ^m 17 ^s	17 ^h 32 ^m 18 ^s	18 ^h 31 ^m 2 ^s	2 ^h 48 ^m 1 ^s	1 ^h 8 ^m 3 ^s	3 ^h 10 ^m 25 ^s	25 ^h 22 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 44 ^m 18 ^s	27 ^h 0 ^m 16 ^s	F 20	
S 21	11 55 12	0 ^h 36 ^m 09 ^s	18 ^h 51 ^m 15 ^s	15 ^h 59 ^m 19 ^s	1 ^h 17 ^s 17 ^s	17 ^h 58 ^m 18 ^s	18 ^h 43 ^m 2 ^s	2 ^h 53 ^m 1 ^s	1 ^h 8 ^m 3 ^s	3 ^h 9 ^m 25 ^s	25 ^h 24 ^m 8 ^s	8 ^h 3 ^m 8 ^s	8 ^h 41 ^m 18 ^s	27 ^h 0 ^m 18 ^s	S 21	
S 22	11 59 8	1 ^h 35 ^m 51 ^s	4 ^h 3 ^m 17 ^s	17 ^h 42 ^m 20 ^s	20 ^h 15 ^m 18 ^s	18 ^h 23 ^m 18 ^s	18 ^h 55 ^m 2 ^s	2 ^h 58 ^m 1 ^s	1 ^h 9 ^m 3 ^s	3 ^h 8 ^m 25 ^s	25 ^h 25 ^m 8 ^s	8 ^h 3 ^m 8 ^s	8 ^h 38 ^m 18 ^s	27 ^h 0 ^m 19 ^s	S 22	
M 23	12 3 5	2 ^h 35 ^m 32 ^s	19 ^h 10 ^m 19 ^s	19 ^h 27 ^m 21 ^s	21 ^h 29 ^m 18 ^s	18 ^h 49 ^m 19 ^s	19 ^h 7 ^m 3 ^s	3 ^h 2 ^m 1 ^s	1 ^h 10 ^m 3 ^s	3 ^h 6 ^m 25 ^s	25 ^h 27 ^m 8 ^s	8 ^h 3 ^m 8 ^s	8 ^h 35 ^m 18 ^s	27 ^h 0 ^m 21 ^s	M 23	
T 24	12 7 1	3 ^h 35 ^m 10 ^s	4 ^h 1 ^m 21 ^s	21 ^h 12 ^m 22 ^s	22 ^h 44 ^m 19 ^s	19 ^h 13 ^m 19 ^s	19 ^h 19 ^m 3 ^s	3 ^h 7 ^m 1 ^s	1 ^h 10 ^m 3 ^s	3 ^h 5 ^m 25 ^s	25 ^h 28 ^m 8 ^s	8 ^h 3 ^m 8 ^s	8 ^h 31 ^m 18 ^s	27 ^h 0 ^m 23 ^s	T 24	
W 25	12 10 58	4 ^h 34 ^m 47 ^s	18 ^h 30 ^m 22 ^s	22 ^h 59 ^m 23 ^s	23 ^h 58 ^m 19 ^s	19 ^h 38 ^m 19 ^s	19 ^h 31 ^m 3 ^s	3 ^h 11 ^m 1 ^s	1 ^h 11 ^m 3 ^s	3 ^h 3 ^m 25 ^s	25 ^h 30 ^m 8 ^s	8 ^h 3 ^m 8 ^s	8 ^h 28 ^m 19 ^s	27 ^h 0 ^m 24 ^s	W 25	
T 26	12 14 55	5 ^h 34 ^m 21 ^s	2 ^h 34 ^m 24 ^s	24 ^h 48 ^m 25 ^s	25 ^h 12 ^m 20 ^s	20 ^h 2 ^m 19 ^s	19 ^h 43 ^m 3 ^s	3 ^h 16 ^m 1 ^s	1 ^h 12 ^m 3 ^s	3 ^h 2 ^m 25 ^s	25 ^h 31 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 25 ^m 19 ^s	27 ^h 0 ^m 26 ^s	T 26	
F 27	12 18 51	6 ^h 33 ^m 55 ^s	16 ^h 10 ^m 26 ^s	26 ^h 37 ^m 26 ^s	26 ^h 26 ^m 20 ^s	20 ^h 27 ^m 19 ^s	19 ^h 55 ^m 3 ^s	3 ^h 20 ^m 1 ^s	1 ^h 13 ^m 3 ^s	3 ^h 1 ^m 25 ^s	25 ^h 33 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 22 ^m 19 ^s	27 ^h 0 ^m 28 ^s	F 27	
S 28	12 22 48	7 ^h 33 ^m 26 ^s	29 ^h 19 ^m 28 ^s	28 ^h 28 ^m 27 ^s	27 ^h 40 ^m 20 ^s	20 ^h 50 ^m 20 ^s	20 ^h 7 ^m 3 ^s	3 ^h 25 ^m 1 ^s	1 ^h 14 ^m 2 ^s	2 ^h 59 ^m 25 ^s	25 ^h 34 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 19 ^m 19 ^s	27 ^h 0 ^m 30 ^s	S 28	
S 29	12 26 44	8 ^h 32 ^m 56 ^s	12 ^h 3 ^m 5 ^s	0 ^h 20 ^s 28 ^s	28 ^h 54 ^m 21 ^s	21 ^h 14 ^m 20 ^s	20 ^h 19 ^m 3 ^s	3 ^h 29 ^m 1 ^s	1 ^h 15 ^m 2 ^s	2 ^h 58 ^m 25 ^s	25 ^h 35 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 15 ^m 19 ^s	27 ^h 0 ^m 32 ^s	S 29	
M 30	12 30 41	9 ^h 32 ^m 24 ^s	2 ^h 31 ^m 2 ^s	2 ^h 14 ^m 0 ^s	0 ^h 8 ^s 21 ^s	21 ^h 37 ^m 20 ^s	20 ^h 32 ^m 3 ^s	3 ^h 33 ^m 1 ^s	1 ^h 16 ^m 2 ^s	2 ^h 56 ^m 25 ^s	25 ^h 37 ^m 8 ^s	8 ^h 4 ^m 8 ^s	8 ^h 12 ^m 19 ^s	27 ^h 0 ^m 34 ^s	M 30	
T 31	12 34 37	10 ^h 31 ^m 50 ^s	6 ^h 42 ^m 4 ^s	4 ^h 8 ^m 1 ^s	1 ^h 8 ^s 22 ^s	22 ^h 3 ^m 0 ^s	20 ^h 8 ^s 4 ^s	3 ^h 37 ^m 1 ^s	1 ^{h</}							

ASTRODIENST EPHEMERIS for the year 2285

geocentric

APRIL 2285

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 38 34	11°31'15	18°41	6°4	2°36	22°22	20°57	3°41	1°18	2°53	25°40	8°5	8°6	19°51	27°39	W 1
T 2	12 42 31	12°30'37	0°32	8°1	3°50	22°45	21°9	3°45	1°20	2°52	25°41	8°5	8°3	19°58	27°41	T 2
F 3	12 46 27	13°29'58	12°20	10°0	5°4	23°6	21°22	3°49	1°21	2°50	25°42	8°6	8°0	20°5	27°43	F 3
S 4	12 50 24	14°29'17	24°7	11°59	6°17	23°28	21°35	3°53	1°22	2°49	25°43	8°6	7°56	20°11	27°46	S 4
S 5	12 54 20	15°28'33	5°56	14°0	7°31	23°49	21°47	3°57	1°23	2°47	25°45	8°R 6	7°53	20°18	27°49	S 5
M 6	12 58 17	16°27'48	17°50	16°2	8°45	24°10	22°0	4°0	1°25	2°46	25°46	8°6	7°50	20°25	27°51	M 6
T 7	13 2 13	17°27'01	29°50	18°4	9°59	24°30	22°13	4°4	1°26	2°44	25°47	8°6	7°47	20°31	27°54	T 7
W 8	13 6 10	18°26'12	11°59	20°7	11°12	24°50	22°26	4°7	1°28	2°43	25°48	8°4	7°44	20°38	27°57	W 8
T 9	13 10 6	19°25'21	24°18	22°12	12°26	25°10	22°39	4°11	1°30	2°41	25°50	8°3	7°41	20°45	28°0	T 9
F 10	13 14 3	20°24'27	6°50	24°16	13°40	25°29	22°52	4°14	1°31	2°39	25°51	8°1	7°37	20°51	28°3	F 10
S 11	13 17 59	21°23'32	19°36	26°21	14°53	25°48	23°5	4°17	1°33	2°38	25°52	8°0	7°34	20°58	28°6	S 11
S 12	13 21 56	22°22'34	2°37	28°26	16°7	26°7	23°18	4°20	1°35	2°36	25°53	7°58	7°31	21°5	28°9	S 12
M13	13 25 53	23°21'34	15°57	0°30	17°20	26°25	23°32	4°23	1°36	2°35	25°54	7°57	7°28	21°11	28°12	M13
T 14	13 29 49	24°20'32	29°36	2°34	18°34	26°42	23°45	4°26	1°38	2°33	25°55	7°D57	7°25	21°18	28°15	T 14
W15	13 33 46	25°19'27	13°36	4°37	19°47	26°59	23°58	4°29	1°40	2°31	25°56	7°58	7°21	21°25	28°18	W15
T 16	13 37 42	26°18'20	27°55	6°39	21°0	27°16	24°12	4°32	1°42	2°30	25°57	7°59	7°18	21°31	28°22	T 16
F 17	13 41 39	27°17'10	12°31	8°40	22°14	27°32	24°25	4°35	1°44	2°28	25°58	8°0	7°15	21°38	28°25	F 17
S 18	13 45 35	28°15'59	27°21	10°38	23°27	27°48	24°38	4°37	1°46	2°26	25°59	8°1	7°12	21°45	28°28	S 18
S 19	13 49 32	29°14'45	12°18	12°34	24°40	28°4	24°52	4°40	1°48	2°25	26°0	8°R 2	7°9	21°51	28°32	S 19
M20	13 53 28	0°13'29	27°14	14°28	25°53	28°18	25°5	4°42	1°50	2°23	26°1	8°1	7°6	21°58	28°36	M20
T 21	13 57 25	1°12'11	12°11	16°19	27°6	28°33	25°19	4°45	1°52	2°22	26°2	7°59	7°2	22°4	28°39	T 21
W22	14 1 22	2°10'52	26°32	18°7	28°19	28°47	25°33	4°47	1°54	2°20	26°3	7°56	6°59	22°11	28°43	W22
T 23	14 5 18	3°9'31	10°40	19°51	29°32	29°0	25°46	4°49	1°56	2°18	26°4	7°52	6°56	22°18	28°47	T 23
F 24	14 9 15	4°8'08	24°24	21°31	0°45	29°13	26°0	4°51	1°59	2°17	26°5	7°48	6°53	22°24	28°50	F 24
S 25	14 13 11	5°6'43	7°40	23°8	1°58	29°25	26°14	4°53	2°1	2°15	26°6	7°45	6°50	22°31	28°54	S 25
S 26	14 17 8	6°5'17	20°32	24°40	3°11	29°37	26°27	4°55	2°3	2°13	26°6	7°43	6°46	22°38	28°58	S 26
M27	14 21 4	7°3'49	3°1	26°8	4°24	29°48	26°41	4°57	2°6	2°12	26°7	7°D42	6°43	22°44	29°2	M27
T 28	14 25 1	8°2'19	15°13	27°32	5°37	29°58	26°55	4°58	2°8	2°10	26°8	7°42	6°40	22°51	29°6	T 28
W29	14 28 57	9°0'48	27°11	28°51	6°50	0°8	27°9	5°0	2°10	2°8	26°9	7°43	6°37	22°58	29°10	W29
T 30	14 32 54	9°59'15	9°1	0°11	8°11	0°18	27°23	5°1	2°13	2°11	26°9	7°45	6°34	23°4	29°15	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n33	19s 2	4s 2	0n52	1s41	11n56	0s27	22s51	0n20	17n12	0s48	19s24	0s 6	23n39	0n15	10s48
T 2	4 56	14 18	3 14	1 44	1 35	12 23	0 25	22 54	0 19	17 15	0 48	19 23	0 6	23 39	0 15	10 48
F 3	5 19	9 4	2 18	2 36	1 28	12 50	0 22	22 56	0 17	17 19	0 48	19 22	0 6	23 39	0 15	10 47
S 4	5 42	3 31	1 17	3 30	1 21	13 17	0 20	22 59	0 16	17 22	0 47	19 21	0 6	23 39	0 15	10 47
S 5	6 5	2n10	0 12	4 23	1 13	13 44	0 17	23 1	0 14	17 26	0 47	19 20	0 6	23 39	0 15	10 46
M 6	6 28	7 49	0n54	5 18	1 5	14 10	0 15	23 4	0 13	17 29	0 47	19 20	0 6	23 39	0 15	10 46
T 7	6 50	13 14	1 58	6 13	0 56	14 36	0 12	23 6	0 11	17 33	0 47	19 19	0 6	23 39	0 15	10 45
W 8	7 13	18 13	2 57	7 8	0 47	15 1	0 9	23 9	0 10	17 36	0 47	19 18	0 6	23 39	0 15	10 45
T 9	7 35	22 31	3 49	8 3	0 38	15 26	0 7	23 11	0 8	17 39	0 47	19 17	0 6	23 39	0 15	10 44
F 10	7 58	25 52	4 31	8 58	0 28	15 51	0 4	23 13	0 6	17 43	0 46	19 17	0 7	23 39	0 15	10 43
S 11	8 20	27 59	5 0	9 53	0 17	16 16	0 1	23 16	0 5	17 46	0 46	19 16	0 7	23 39	0 15	10 43
S 12	8 42	28 38	5 15	10 48	0 7	16 40	0n 1	23 18	0 3	17 50	0 46	19 15	0 7	23 39	0 15	10 42
M13	9 4	27 38	5 15	10 48	0n 4	17 3	0 4	23 20	0 1	17 53	0 46	19 15	0 7	23 39	0 15	10 42
T 14	9 25	25 0	4 54	12 35	0 15	17 26	0 7	23 23	0s 1	17 57	0 46	19 14	0 7	23 39	0 15	10 41
W15	9 47	20 50	4 17	13 27	0 26	17 49	0 10	23 25	0 3	18 0	0 46	19 13	0 7	23 39	0 15	10 41
T 16	10 8	15 22	3 24	14 18	0 37	18 11	0 13	23 27	0 5	18 3	0 46	19 13	0 7	23 39	0 15	10 40
F 17	10 30	8 57	2 16	15 8	0 48	18 33	0 15	23 30	0 7	18 7	0 46	19 12	0 7	23 38	0 15	10 40
S 18	10 51	1 57	0 59	15 56	0 59	18 54	0 18	23 32	0 9	18 10	0 45	19 12	0 7	23 38	0 15	10 39
S 19	11 11	5s13	0s24	16 42	1 10	19 15	0 21	23 34	0 11	18 13	0 45	19 11	0 7	23 38	0 15	10 38
M20	11 32	12 5	1 44	17 27	1 21	19 35	0 24	23 36	0 13	18 17	0 45	19 11	0 7	23 38	0 15	10 38
T 21	11 53	18 13	2 57	18 9	1 31	19 55	0 26	23 39	0 15	18 20	0 45	19 10	0 7	23 38	0 15	10 37
W22	12 13	23 11	3 56	18 49	1 41	20 14	0 29	23 41	0 17	18 24	0 45	19 10	0 8	23 38	0 15	10 37
T 23	12 33	26 38	4 40	19 27	1 50	20 33	0 32	23 43	0 19	18 27	0 45	19 9	0 8	23 38	0 15	10 36
F 24	12 53	28 22	5 6	20 2	1 59	20 51	0 35	23 46	0 21	18 30	0 45	19 9	0 8	23 38	0 15	10 36
S 25	13 12	28 25	5 14	20 35	2 7	21 8	0 38	23 48	0 24	18 34	0 45	19 9	0 8	23 38	0 15	10 35
S 26	13 32	26 53	5 6	21 5	2 14	21 25	0 40	23 50	0 26	18 37	0 44	19 8	0 8	23 38	0 15	10 34
M27	13 51	24 4	4 44	21 33	2 21	21 42	0 43	23 53	0 28	18 40	0 44	19 8	0 8	23 38	0 15	10 34
T 28	14 10	20 13	4 9	21 58	2 27	21 58	0 46	23 55	0 31	18 43	0 44	19 8	0 8	23 38	0 15	10 33
W29	14 29	15 38	3 24	22 20	2 32	22 13	0 49	23 58	0 33	18 47	0 44	19 7	0 8	23 38	0 15	10 33
T 30	14n47	10s31	2s31	22n40	2n36	22n28	0n51	24s 0	0s36	18n50	0s44	19s 7	0s 8	23n38	0n15	10s32

Julian Day Number = 2555729.5, Delta T = 272.24 sec

Ecliptic obliquity = 23°24'17, Nutation = - 0°00'02, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°43'38, Lahiri = 27°50'39

ASTRODIENST EPHEMERIS for the year 2285

geocentric

MAY 2285

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	14 36 51	10♈57'40	20♊48	1♊15	9♊15	0♈26	27♈37	5♈3	2♈15	2♈5	26♈10	7♊47	6♊31	23♊11	29♊19	F 1
S 2	14 40 47	11°56'04	2♊36	2°19	10°27	0°34	27°50	5°4	2°18	2♊4	26°11	7°R48	6°27	23°18	29°23	S 2
S 3	14 44 44	12°54'26	14°29	3°19	11°40	0°42	28°4	5°5	2°20	2°2	26°11	7°48	6°24	23°24	29°27	S 3
M 4	14 48 40	13°52'47	26°31	4°13	12°53	0°49	28°18	5°6	2°23	2°0	26°12	7°46	6°21	23°31	29°32	M 4
T 5	14 52 37	14°51'05	8♋42	5°3	14°5	0°55	28°32	5°7	2°26	1°59	26°13	7°42	6°18	23°38	29°36	T 5
W 6	14 56 33	15°49'23	21°6	5°47	15°17	1°0	28°46	5°8	2°28	1°57	26°13	7°37	6°15	23°44	29°40	W 6
T 7	15 0 30	16°47'38	3♊43	6°25	16°30	1°5	29°0	5°9	2°31	1°56	26°14	7°31	6°12	23°51	29°45	T 7
F 8	15 4 26	17°45'52	16°34	6°59	17°42	1°9	29°14	5°9	2°34	1°54	26°14	7°24	6°8	23°57	29°50	F 8
S 9	15 8 23	18°44'04	29°37	7°27	18°54	1°12	29°28	5°10	2°37	1°52	26°15	7°17	6°5	24°4	29°54	S 9
S 10	15 12 20	19°42'14	12♈54	7°50	20°6	1°15	29°43	5°11	2°40	1°51	26°15	7°11	6°2	24°11	29°59	S 10
M 11	15 16 16	20°40'22	26°24	8°8	21°19	1°17	29°57	5°11	2°42	1°49	26°15	7°7	5°59	24°17	0♈3	M 11
T 12	15 20 13	21°38'28	10♊6	8°20	22°31	1°18	0♊11	5°11	2°45	1°48	26°16	7°5	5°56	24°24	0°8	T 12
W 13	15 24 9	22°36'32	24°1	8°27	23°43	1°R19	0°25	5°11	2°48	1°46	26°16	7°D 4	5°52	24°31	0°13	W 13
T 14	15 28 6	23°34'34	8♊8	8°R29	24°55	1°19	0°39	5°R12	2°51	1°45	26°17	7°5	5°49	24°37	0°18	T 14
F 15	15 32 2	24°32'34	22°26	8°26	26°7	1°18	0°53	5°12	2°54	1°43	26°17	7°6	5°46	24°44	0°23	F 15
S 16	15 35 59	25°30'33	6♊52	8°18	27°18	1°16	1°7	5°11	2°57	1°42	26°17	7°R 6	5°43	24°51	0°27	S 16
S 17	15 39 55	26°28'29	21°25	8°5	28°30	1°13	1°21	5°11	3°0	1°40	26°18	7°6	5°40	24°57	0°32	S 17
M 18	15 43 52	27°26'24	5♊58	7°49	29°42	1°10	1°35	5°11	3°3	1°39	26°18	7°3	5°37	25°4	0°37	M 18
T 19	15 47 49	28°24'17	20°26	7°28	0♈54	1°6	1°50	5°11	3°6	1°38	26°18	6°58	5°33	25°11	0°42	T 19
W 20	15 51 45	29°22'09	4♊44	7°4	2°5	1°2	2°4	5°10	3°9	1°36	26°18	6°50	5°30	25°17	0°47	W 20
T 21	15 55 42	0♊20'00	18°44	6°36	3°17	0°56	2°18	5°9	3°13	1°35	26°18	6°42	5°27	25°24	0°52	T 21
F 22	15 59 38	1°17'49	2♈24	6°6	4°28	0°50	2°32	5°9	3°16	1°33	26°19	6°33	5°24	25°31	0°58	F 22
S 23	16 3 35	2°15'37	15°40	5°34	5°39	0°43	2°46	5°8	3°19	1°32	26°19	6°25	5°21	25°37	1°3	S 23
S 24	16 7 31	3°13'23	28°33	5°1	6°51	0°35	3°0	5°7	3°22	1°31	26°19	6°18	5°18	25°44	1°8	S 24
M 25	16 11 28	4°11'09	11♊4	4°26	8°2	0°27	3°15	5°6	3°25	1°29	26°19	6°13	5°14	25°51	1°13	M 25
T 26	16 15 25	5°8'53	3°52	9°13	0°18	3°29	5°5	5°5	3°29	1°28	26°19	6°11	5°11	25°57	1°18	T 26
W 27	16 19 21	6°6'36	5♊16	3°17	10°24	0°8	3°43	5°4	3°32	1°27	26°R19	6°D10	5°8	26°4	1°23	W 27
T 28	16 23 18	7°4'18	17°8	2°44	11°35	29♊57	3°57	5°3	3°35	1°25	26°19	6°10	5°5	26°10	1°29	T 28
F 29	16 27 14	8°1'59	28°55	2°12	12°46	29°46	4°11	5°1	3°38	1°24	26°19	6°11	5°2	26°17	1°34	F 29
S 30	16 31 11	8°59'39	10°V45	1°42	13°57	29°34	4°25	5°0	3°42	1°23	26°19	6°R11	4°58	26°24	1°39	S 30
S 31	16 35 7	9♊57'18	22°V43	1♊15	15♈8	29♊21	4♊39	4♈58	3♈45	1♊22	26♈19	6♊9	4♊55	26♊30	1♈45	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
F 1	15n 6	5s 3	1s32	22n58	2n39	22n42	0n54	24s 3	0s39	18n53	0s44	19s 7	0s 8	23n38	0n15	10s32	1n46	21s 4	8s50	3n 5	2n35	3s48	17n18	6s 6	
S 2	15 24	0n36	0 28	23 13	2 41	22 55	0 57	24 5	0 41	18 56	0 44	19 7	0 9	23 38	0 15	10 31	1 46	21 4	8 51	3 5	2 34	3 44	17 19	6 5	
S 3	15 41	6 16	0n37	23 26	2 42	23 8	0 59	24 8	0 44	19 0	0 44	19 6	0 9	23 38	0 15	10 31	1 46	21 4	8 51	3 5	2 32	3 41	17 19	6 5	
M 4	15 59	11 46	1 40	23 37	2 42	23 20	1 2	24 11	0 47	19 3	0 44	19 6	0 9	23 38	0 15	10 30	1 46	21 4	8 51	3 5	2 31	3 37	17 19	6 5	
T 5	16 16	16 55	2 40	23 45	2 41	23 31	1 4	24 13	0 49	19 6	0 43	19 6	0 9	23 38	0 15	10 30	1 46	21 5	8 51	3 3	2 30	3 34	17 20	6 5	
W 6	16 33	21 27	3 34	23 50	2 39	23 42	1 7	24 16	0 52	19 9	0 43	19 6	0 9	23 38	0 15	10 29	1 46	21 5	8 52	3 1	2 29	3 31	17 20	6 4	
T 7	16 50	25 5	4 18	23 54	2 35	23 52	1 10	24 19	0 55	19 12	0 43	19 6	0 9	23 38	0 15	10 28	1 46	21 5	8 52	2 59	2 27	3 27	17 20	6 4	
F 8	17 6	27 32	4 49	23 55	2 31	24 2	1 12	24 22	0 58	19 15	0 43	19 6	0 9	23 38	0 15	10 28	1 46	21 5	8 52	2 56	2 26	3 24	17 20	6 4	
S 9	17 22	28 31	5 7	23 55	2 25	24 11	1 14	24 25	1 1	19 19	0 43	19 6	0 9	23 38	0 15	10 27	1 46	21 5	8 53	2 53	2 25	3 20	17 21	6 4	
S 10	17 38	27 53	5 8	23 52	2 19	24 19	1 17	24 28	1 4	19 22	0 43	19 6	0 9	23 38	0 15	10 27	1 45	21 5	8 53	2 51	2 24	3 17	17 21	6 3	
M 11	17 54	25 37	4 52	23 47	2 11	24 26	1 19	24 31	1 7	19 25	0 43	19 6	0 9	23 37	0 15	10 26	1 45	21 5	8 53	2 49	2 22	3 13	17 21	6 3	
T 12	18 9	21 51	4 20	23 40	2 2	24 33	1 22	24 34	1 10	19 28	0 43	19 6	0 9	23 37	0 15	10 26	1 45	21 5	8 53	2 48	2 21	3 10	17 21	6 3	
W 13	18 24	16 49	3 32	23 31	1 51	24 39	1 24	24 37	1 13	19 31	0 43	19 6	0 10	23 37	0 15	10 25	1 45	21 5	8 54	2 48	2 20	3 7	17 22	6 3	
T 14	18 38	10 50	2 30	23 20	1 40	24 45	1 26	24 40	1 17	19 34	0 43	19 6	0 10	23 37	0 15	10 25	1 45	21 6	8 54	2 48	2 19	3 3	17 22	6 2	
F 15	18 53	4 12	1 19	23 7	1 28	24 49	1 28	24 44	1 20	19 37	0 42	19 6	0 10	23 37	0 15	10 24	1 45	21 6	8 54	2 49	2 17	3 0	17 22	6 2	
S 16	19 7	2s42	0 1	22 53	1 15	24 53	1 31	24 47	1 23	19 40	0 42	19 6	0 10	23 37	0 15	10 24	1 45	21 6	8 55	2 49	2 16	2 56	17 22	6 2	
S 17	19 20	9 31	1s16	22 37	1 0	24 56	1 33	24 50	1 27	19 43	0 42	19 6	0 10	23 37	0 15	10 23	1 45	21 6	8 55	2 49	2 15	2 53	17 22	6 2	
M 18	19 34	15 50	2 29	22 19	0 45	24 59	1 35	24 54	1 30	19 46	0 42	19 6	0 10	23 37	0 15	10 23	1 45	21 6	8 55	2 48	2 14	2 49	17 23	6 2	
T 19	19 47	21 14	3 32	22 0	0 29	25 1	1 37	24 57	1 33	19 49	0 42	19 7	0 10	23 37	0 15	10 22	1 45	21 6	8 56	2 46	2 12	2 46	17 23	6 1	
W 20	19 59	25 18	4 20	21 40	0 13	25 2	1 39	25 1	1 37	19 51	0 42	19 7	0 10	23 37	0 15	10 22	1 45	21 7	8 56	2 43	2 11	2 43	17 23	6 1	
T 21	20 11	27 46	4 51	21 19	0s 4	25 2	1 41	25 4	1 40	19 54	0 42	19 7	0 10	23 37	0 15	10 22	1 45	21 7	8 56	2 39	2 10	2 39	17 23	6 1	
F 22	20 23	28 28	5 5	20 56	0 22	25 2	1 42	25 8	1 44	19 57	0 42	19 7	0 10	23 37	0 15	10 21	1 45	21 7	8 56	2 36	2 8	2 36	17 23	6 1	
S 23	20 35	27 29	5 2	20 33	0 39	25 1	1 44	25 12	1 48	20 0	0 42	19 8	0 11	23 37	0 15	10 21	1 45	21 7	8 57	2 33	2 7	2 32	17 23	6 1	
S 24	20 46	25 3	4 43	20 10	0 57	24 59	1 46	25 15	1 51	20 3	0 42	19 8	0 11	23 37	0 15	10 20	1 45	21 8	8 57	2 30	2 6	2 29	17 23	6 1	
M 25	20 57	21 27	4 12	19 47	1 15	24 57	1 47	25 19	1 55	20 6	0 42	19 8	0 11	23 36	0 15	10 20	1 45	21 8	8 57	2 28	2 5	2 25	17 24	6 0	
T 26	21 8	17 2	3 29	19 23	1 32	24 54	1 49	25 23	1 59	20 8	0 42	19 9	0 11	23 36	0 15	10 19	1 45	21 8	8 58	2 27	2 3	2 22	17 24	6 0	
W 27	21 18	12 1	2 38	19 0	1 49	24 50	1 51	25 26	2 2	20 11	0 41	19 9	0 11	23 36	0 15	10 19	1 45	21 8	8 58	2 27	2 2	2 19	17 24	6 0	
T 28	21 28	6 37	1 40	18 38	2 5	24 46	1 52	25 30	2 6	20 14	0 41	19 9	0 11	23 36	0 15	10 19	1 45	21 9	8 58	2 27	2 1	2 15	17 24	6 0	
F 29	21 37	1 1	0 39	18 17	2 20	24 40	1 53	25 34	2 10	20 16	0 41	19 10	0 11	23 36	0 15	10 18	1 45	21 9	8 59	2 27	2 0	2 12	17 24	6 0	
S 30	21 46	4n38	0n24	17 57	2 35	24 34	1 55	25 38	2 13	20 19	0 41	19 10	0 11	23 36	0 15	10 18	1 45	21 9	8 59	2 27	1 58	2 8	17 24	6 0	
S 31	21n55	10n10	1n27	17n38	2s49	24n28	1n56	25s41	2s17	20n22	0s41	19s11	0s11	23n36	0n15	10s17	1n45	21s10	8s59	2n27	1n57	2s 5	17n24	6s 0	

ASTRODIENST EPHEMERIS for the year 2285

geocentric

JUNE 2285

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 39 4	10II54'57	4851	0°R50	16519	29°R 7	4II53	4°R57	3548	1°R21	26°R19	6°R 6	4Y52	26X37	1550	M 1
T 2	16 43 0	11°52'34	17°13	0II29	17°30	28X53	5° 8	4555	3°52	1M19	26X18	6Y 0	4°49	26°44	1°56	T 2
W 3	16 46 57	12°50'10	29°52	0°12	18°40	28°39	5°22	4°53	3°55	1°18	26°18	5°51	4°46	26°50	2° 1	W 3
T 4	16 50 54	13°47'45	12II48	29858	19°51	28°23	5°36	4°51	3°59	1°17	26°18	5°41	4°43	26°57	2° 6	T 4
F 5	16 54 50	14°45'19	26° 1	29°48	21° 1	28° 8	5°50	4°49	4° 2	1°16	26°18	5°30	4°39	27° 4	2°12	F 5
S 6	16 58 47	15°42'52	9528	29°43	22°12	27°51	6° 4	4°47	4° 5	1°15	26°18	5°18	4°36	27°10	2°17	S 6
S 7	17 2 43	16°40'24	23° 8	29°D42	23°22	27°34	6°18	4°45	4° 9	1°14	26°17	5° 8	4°33	27°17	2°23	S 7
M 8	17 6 40	17°37'55	6557	29°46	24°32	27°17	6°32	4°43	4°12	1°13	26°17	5° 1	4°30	27°24	2°28	M 8
T 9	17 10 36	18°35'24	20°54	29°54	25°42	26°59	6°46	4°41	4°16	1°12	26°17	4°56	4°27	27°30	2°34	T 9
W10	17 14 33	19°32'52	4555	0II 6	26°52	26°41	7° 0	4°38	4°19	1°11	26°16	4°53	4°24	27°37	2°40	W10
T 11	17 18 29	20°30'19	19° 1	0°23	28° 2	26°23	7°14	4°36	4°23	1°10	26°16	4°D53	4°20	27°44	2°45	T 11
F 12	17 22 26	21°27'45	35 9	0°45	29°12	26° 4	7°28	4°33	4°26	1° 9	26°16	4°R53	4°17	27°50	2°51	F 12
S 13	17 26 23	22°25'09	17°18	1°10	0522	25°45	7°41	4°31	4°30	1° 8	26°15	4°52	4°14	27°57	2°56	S 13
S 14	17 30 19	23°22'33	1M29	1°40	1°32	25°26	7°55	4°28	4°33	1° 7	26°15	4°50	4°11	28° 3	3° 2	S 14
M15	17 34 16	24°19'55	15°37	2°15	2°41	25° 6	8° 9	4°25	4°37	1° 6	26°14	4°46	4° 8	28°10	3° 8	M15
T 16	17 38 12	25°17'16	29°40	2°53	3°51	24°47	8°23	4°22	4°41	1° 6	26°14	4°38	4° 4	28°17	3°13	T 16
W17	17 42 9	26°14'37	13X74	3°36	5° 0	24°27	8°37	4°19	4°44	1° 5	26°13	4°29	4° 1	28°23	3°19	W17
T 18	17 46 5	27°11'57	27°15	4°22	6°10	24° 7	8°51	4°16	4°48	1° 4	26°13	4°17	3°58	28°30	3°25	T 18
F 19	17 50 2	28° 9'16	10539	5°13	7°19	23°48	9° 4	4°13	4°51	1° 3	26°12	4° 5	3°55	28°37	3°30	F 19
S 20	17 53 58	29° 6'35	23°45	6° 7	8°28	23°28	9°18	4°10	4°55	1° 3	26°12	3°53	3°52	28°43	3°36	S 20
S 21	17 57 55	05 3'53	6532	7° 5	9°37	23° 8	9°32	4° 7	4°58	1° 2	26°11	3°43	3°49	28°50	3°42	S 21
M22	18 1 52	1° 1'10	19° 0	8° 7	10°46	22°49	9°45	4° 4	5° 2	1° 1	26°10	3°36	3°45	28°57	3°47	M22
T 23	18 5 48	1°58'27	1X11	9°12	11°54	22°29	9°59	4° 0	5° 6	1° 1	26°10	3°31	3°42	29° 3	3°53	T 23
W24	18 9 45	2°55'44	13°10	10°21	13° 3	22°10	10°12	3°57	5° 9	1° 0	26° 9	3°28	3°39	29°10	3°59	W24
T 25	18 13 41	3°53'01	25° 2	11°34	14°11	21°51	10°26	3°53	5°13	1° 0	26° 8	3°27	3°36	29°17	4° 4	T 25
F 26	18 17 38	4°50'17	6Y50	12°50	15°20	21°33	10°39	3°50	5°16	0°59	26° 8	3°27	3°33	29°23	4°10	F 26
S 27	18 21 34	5°47'33	18°41	14° 9	16°28	21°15	10°53	3°46	5°20	0°59	26° 7	3°27	3°30	29°30	4°16	S 27
S 28	18 25 31	6°44'49	0840	15°32	17°36	20°57	11° 6	3°43	5°24	0°58	26° 6	3°25	3°26	29°36	4°21	S 28
M29	18 29 27	7°42'05	12°53	16°58	18°44	20°39	11°19	3°39	5°27	0°58	26° 5	3°21	3°23	29°43	4°27	M29
T 30	18 33 24	8539'21	25523	18II28	19552	20X23	11II33	3535	5531	0M57	265 5	3Y15	3Y20	29X50	4533	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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Julian Day Number = 2555790.5, Delta T = 272.50 sec

Ecliptic obliquity = 23°24'16, Nutation = - 0°00'02, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°43'47, Lahiri = 27°50'47

ASTRODIENST EPHEMERIS for the year 2285
geocentric

JULY 2285

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 37 21	9 ⁵³ 36'37	8 ¹¹ 12	20 ¹¹ 1	21 ¹⁰ 0	20 ¹⁰ 6	11 ¹¹ 46	3 ¹⁰ 31	5 ⁵³ 34	0 ¹⁰ 57	26 ¹⁰ 4	3 ¹⁰ 6	3 ¹⁰ 17	29 ¹⁰ 56	4 ⁵³ 39	W 1
T 2	18 41 17	10 ⁵³ 33'53	21 ¹⁰ 24	21 ¹⁰ 37	22 ¹⁰ 8	19 ¹⁰ 50	11 ¹⁰ 59	3 ¹⁰ 27	5 ⁵³ 38	0 ¹⁰ 57	26 ¹⁰ 3	2 ¹⁰ 56	3 ¹⁰ 14	0 ¹⁰ 53	4 ⁵³ 44	T 2
F 3	18 45 14	11 ⁵³ 31'08	4 ⁵³ 56	23 ¹⁰ 16	23 ¹⁰ 15	19 ¹⁰ 35	12 ¹⁰ 12	3 ¹⁰ 23	5 ⁵³ 42	0 ¹⁰ 56	26 ¹⁰ 2	2 ¹⁰ 44	3 ¹⁰ 10	0 ¹⁰ 10	4 ⁵³ 50	F 3
S 4	18 49 10	12 ⁵³ 28'24	18 ¹⁰ 46	24 ¹⁰ 59	24 ¹⁰ 23	19 ¹⁰ 20	12 ¹⁰ 26	3 ¹⁰ 20	5 ⁵³ 45	0 ¹⁰ 56	26 ¹⁰ 1	2 ¹⁰ 32	3 ¹⁰ 7	0 ¹⁰ 16	4 ⁵³ 56	S 4
S 5	18 53 7	13 ⁵³ 25'39	2 ¹⁰ 51	26 ¹⁰ 44	25 ¹⁰ 30	19 ¹⁰ 6	12 ¹⁰ 39	3 ¹⁰ 16	5 ⁵³ 49	0 ¹⁰ 56	26 ¹⁰ 0	2 ¹⁰ 22	3 ¹⁰ 4	0 ¹⁰ 23	5 ¹⁰ 1	S 5
M 6	18 57 3	14 ⁵³ 22'54	17 ¹⁰ 6	28 ¹⁰ 33	26 ¹⁰ 37	18 ¹⁰ 53	12 ¹⁰ 52	3 ¹⁰ 11	5 ⁵³ 52	0 ¹⁰ 55	25 ¹⁰ 59	2 ¹⁰ 13	3 ¹⁰ 1	0 ¹⁰ 30	5 ¹⁰ 7	M 6
T 7	19 1 0	15 ⁵³ 20'08	1 ¹⁰ 24	0 ¹⁰ 24	27 ¹⁰ 44	18 ¹⁰ 40	13 ¹⁰ 5	3 ¹⁰ 7	5 ⁵³ 56	0 ¹⁰ 55	25 ¹⁰ 59	2 ¹⁰ 8	2 ¹⁰ 58	0 ¹⁰ 36	5 ¹⁰ 13	T 7
W 8	19 4 57	16 ⁵³ 17'22	15 ¹⁰ 43	2 ¹⁰ 19	28 ¹⁰ 51	18 ¹⁰ 28	13 ¹⁰ 18	3 ¹⁰ 3	5 ⁵³ 59	0 ¹⁰ 55	25 ¹⁰ 58	2 ¹⁰ 5	2 ¹⁰ 55	0 ¹⁰ 43	5 ¹⁰ 18	W 8
T 9	19 8 53	17 ⁵³ 14'36	29 ¹⁰ 58	4 ¹⁰ 15	29 ¹⁰ 57	18 ¹⁰ 17	13 ¹⁰ 30	2 ¹⁰ 59	6 ¹⁰ 3	0 ¹⁰ 55	25 ¹⁰ 57	2 ¹⁰ D 4	2 ¹⁰ 51	0 ¹⁰ 50	5 ¹⁰ 24	T 9
F 10	19 12 50	18 ⁵³ 11'49	14 ¹⁰ 8	6 ¹⁰ 15	1 ¹⁰ 4	18 ¹⁰ 7	13 ¹⁰ 43	2 ¹⁰ 55	6 ¹⁰ 6	0 ¹⁰ 55	25 ¹⁰ 56	2 ¹⁰ R 5	2 ¹⁰ 48	0 ¹⁰ 56	5 ¹⁰ 30	F 10
S 11	19 16 46	19 ⁵³ 9'02	28 ¹⁰ 12	8 ¹⁰ 16	2 ¹⁰ 10	17 ¹⁰ 57	13 ¹⁰ 56	2 ¹⁰ 51	6 ¹⁰ 10	0 ¹⁰ 55	25 ¹⁰ 55	2 ¹⁰ 4	2 ¹⁰ 45	1 ¹⁰ 3	5 ¹⁰ 35	S 11
S 12	19 20 43	20 ⁵³ 6'15	12 ¹⁰ 8	10 ¹⁰ 19	3 ¹⁰ 16	17 ¹⁰ 48	14 ¹⁰ 9	2 ¹⁰ 46	6 ¹⁰ 14	0 ¹⁰ D55	25 ¹⁰ 54	2 ¹⁰ 3	2 ¹⁰ 42	1 ¹⁰ 10	5 ¹⁰ 41	S 12
M13	19 24 39	21 ⁵³ 3'28	25 ¹⁰ 57	12 ¹⁰ 24	4 ¹⁰ 22	17 ¹⁰ 40	14 ¹⁰ 21	2 ¹⁰ 42	6 ¹⁰ 17	0 ¹⁰ 55	25 ¹⁰ 53	1 ¹⁰ 59	2 ¹⁰ 39	1 ¹⁰ 16	5 ¹⁰ 46	M13
T 14	19 28 36	22 ⁵³ 0'41	9 ¹⁰ 24	14 ¹⁰ 31	5 ¹⁰ 28	17 ¹⁰ 33	14 ¹⁰ 34	2 ¹⁰ 38	6 ¹⁰ 21	0 ¹⁰ 55	25 ¹⁰ 52	1 ¹⁰ 52	2 ¹⁰ 36	1 ¹⁰ 23	5 ¹⁰ 52	T 14
W15	19 32 32	22 ⁵³ 57'54	23 ¹⁰ 5	16 ¹⁰ 39	6 ¹⁰ 33	17 ¹⁰ 27	14 ¹⁰ 46	2 ¹⁰ 33	6 ¹⁰ 24	0 ¹⁰ 55	25 ¹⁰ 50	1 ¹⁰ 43	2 ¹⁰ 32	1 ¹⁰ 29	5 ¹⁰ 58	W15
T 16	19 36 29	23 ⁵³ 55'06	6 ¹⁰ 23	18 ¹⁰ 47	7 ¹⁰ 39	17 ¹⁰ 21	14 ¹⁰ 59	2 ¹⁰ 29	6 ¹⁰ 28	0 ¹⁰ 55	25 ¹⁰ 49	1 ¹⁰ 33	2 ¹⁰ 29	1 ¹⁰ 36	6 ¹⁰ 3	T 16
F 17	19 40 26	24 ⁵³ 52'19	19 ¹⁰ 26	20 ¹⁰ 56	8 ¹⁰ 44	17 ¹⁰ 16	15 ¹⁰ 11	2 ¹⁰ 25	6 ¹⁰ 31	0 ¹⁰ 55	25 ¹⁰ 48	1 ¹⁰ 21	2 ¹⁰ 26	1 ¹⁰ 43	6 ¹⁰ 9	F 17
S 18	19 44 22	25 ⁵³ 49'32	2 ¹⁰ 15	23 ¹⁰ 5	9 ¹⁰ 49	17 ¹⁰ 13	15 ¹⁰ 23	2 ¹⁰ 20	6 ¹⁰ 34	0 ¹⁰ 55	25 ¹⁰ 47	1 ¹⁰ 11	2 ¹⁰ 23	1 ¹⁰ 49	6 ¹⁰ 14	S 18
S 19	19 48 19	26 ⁵³ 46'45	14 ¹⁰ 49	25 ¹⁰ 15	10 ¹⁰ 54	17 ¹⁰ 10	15 ¹⁰ 36	2 ¹⁰ 16	6 ¹⁰ 38	0 ¹⁰ 56	25 ¹⁰ 46	1 ¹⁰ 2	2 ¹⁰ 20	1 ¹⁰ 56	6 ¹⁰ 20	S 19
M20	19 52 15	27 ⁵³ 43'59	27 ¹⁰ 8	27 ¹⁰ 24	11 ¹⁰ 58	17 ¹⁰ 7	15 ¹⁰ 48	2 ¹⁰ 12	6 ¹⁰ 41	0 ¹⁰ 56	25 ¹⁰ 45	0 ¹⁰ 54	2 ¹⁰ 16	2 ¹⁰ 3	6 ¹⁰ 25	M20
T 21	19 56 12	28 ⁵³ 41'13	9 ¹⁰ 14	29 ¹⁰ 32	13 ¹⁰ 3	17 ¹⁰ 6	16 ¹⁰ 0	2 ¹⁰ 7	6 ¹⁰ 45	0 ¹⁰ 56	25 ¹⁰ 44	0 ¹⁰ 50	2 ¹⁰ 13	2 ¹⁰ 9	6 ¹⁰ 31	T 21
W22	20 0 8	29 ⁵³ 38'27	21 ¹⁰ 10	1 ¹⁰ 40	14 ¹⁰ 7	17 ¹⁰ D 5	16 ¹⁰ 12	2 ¹⁰ 3	6 ¹⁰ 48	0 ¹⁰ 56	25 ¹⁰ 43	0 ¹⁰ 47	2 ¹⁰ 10	2 ¹⁰ 16	6 ¹⁰ 36	W22
T 23	20 4 5	0 ¹⁰ 35'42	3 ¹⁰ 0	3 ¹⁰ 46	15 ¹⁰ 11	17 ¹⁰ 6	16 ¹⁰ 24	1 ¹⁰ 58	6 ¹⁰ 51	0 ¹⁰ 57	25 ¹⁰ 41	0 ¹⁰ D47	2 ¹⁰ 7	2 ¹⁰ 23	6 ¹⁰ 41	T 23
F 24	20 8 1	1 ¹⁰ 32'58	14 ¹⁰ 48	5 ¹⁰ 52	16 ¹⁰ 14	17 ¹⁰ 7	16 ¹⁰ 36	1 ¹⁰ 54	6 ¹⁰ 55	0 ¹⁰ 57	25 ¹⁰ 40	0 ¹⁰ 48	2 ¹⁰ 4	2 ¹⁰ 29	6 ¹⁰ 47	F 24
S 25	20 11 58	2 ¹⁰ 30'14	26 ¹⁰ 39	7 ¹⁰ 56	17 ¹⁰ 18	17 ¹⁰ 9	16 ¹⁰ 47	1 ¹⁰ 49	6 ¹⁰ 58	0 ¹⁰ 57	25 ¹⁰ 39	0 ¹⁰ 48	2 ¹⁰ 1	2 ¹⁰ 36	6 ¹⁰ 52	S 25
S 26	20 15 55	3 ¹⁰ 27'31	8 ¹⁰ 38	9 ¹⁰ 59	18 ¹⁰ 21	17 ¹⁰ 12	16 ¹⁰ 59	1 ¹⁰ 45	7 ¹⁰ 1	0 ¹⁰ 58	25 ¹⁰ 38	0 ¹⁰ R48	1 ¹⁰ 57	2 ¹⁰ 43	6 ¹⁰ 58	S 26
M27	20 19 51	4 ¹⁰ 24'49	20 ¹⁰ 51	12 ¹⁰ 1	19 ¹⁰ 24	17 ¹⁰ 15	17 ¹⁰ 11	1 ¹⁰ 40	7 ¹⁰ 5	0 ¹⁰ 58	25 ¹⁰ 37	0 ¹⁰ 47	1 ¹⁰ 54	2 ¹⁰ 49	7 ¹⁰ 3	M27
T 28	20 23 48	5 ¹⁰ 22'08	3 ¹⁰ 23	14 ¹⁰ 1	20 ¹⁰ 27	17 ¹⁰ 20	17 ¹⁰ 22	1 ¹⁰ 36	7 ¹⁰ 8	0 ¹⁰ 59	25 ¹⁰ 35	0 ¹⁰ 43	1 ¹⁰ 51	2 ¹⁰ 56	7 ¹⁰ 8	T 28
W29	20 27 44	6 ¹⁰ 19'28	16 ¹⁰ 17	15 ¹⁰ 59	21 ¹⁰ 29	17 ¹⁰ 25	17 ¹⁰ 34	1 ¹⁰ 32	7 ¹⁰ 11	0 ¹⁰ 59	25 ¹⁰ 34	0 ¹⁰ 38	1 ¹⁰ 48	3 ¹⁰ 2	7 ¹⁰ 13	W29
T 30	20 31 41	7 ¹⁰ 16'48	29 ¹⁰ 35	17 ¹⁰ 56	22 ¹⁰ 31	17 ¹⁰ 31	17 ¹⁰ 45	1 ¹⁰ 27	7 ¹⁰ 15	1 ¹⁰ 0	25 ¹⁰ 33	0 ¹⁰ 31	1 ¹⁰ 45	3 ¹⁰ 9	7 ¹⁰ 19	T 30
F 31	20 35 37	8 ¹⁰ 14'10	13 ¹⁰ 19	19 ¹⁰ 51	23 ¹⁰ 33	17 ¹⁰ 38	17 ¹⁰ 56	1 ¹⁰ 23	7 ¹⁰ 18	1 ¹⁰ 0	25 ¹⁰ 32	0 ¹⁰ Y23	1 ¹⁰ Y42	3 ¹⁰ Y16	7 ¹⁰ 24	F 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
W 1	23n 3	26n 8	4n33	21n19	1s43	16n12	1n49	26s55	3s54	21n31	0s40	19s34	0s14	23n32	0n15	10s10	1n44	21s23	9s 8	1n14	1n18	0s18	17n20	5s59					
T 2	22 59	28 2	4 55	21 37	1 31	15 49	1 47	26 56	3 56	21 32	0 40	19 35	0 15	23 32	0 15	10 10	1 44	21 23	9 8	1 10	1 17	0 15	17 20	6 0					
F 3	22 54	28 19	5 1	21 55	1 19	15 25	1 46	26 56	3 57	21 34	0 40	19 36	0 15	23 32	0 15	10 10	1 43	21 24	9 8	1 5	1 16	0 11	17 20	6 0					
S 4	22 49	26 52	4 49	22 11	1 7	15 0	1 43	26 57	3 59	21 36	0 40	19 37	0 15	23 32	0 15	10 10	1 43	21 24	9 8	1 0	1 14	0 8	17 19	6 0					
S 5	22 44	23 42	4 20	22 27	0 55	14 36	1 41	26 57	4 1	21 38	0 40	19 38	0 15	23 32	0 15	10 10	1 43	21 25	9 9	0 56	1 13	0 4	17 19	6 0					
M 6	22 38	19 5	3 34	22 41	0 43	14 11	1 39	26 57	4 2	21 39	0 39	19 39	0 15	23 32	0 15	10 10	1 43	21 25	9 9	0 53	1 12	0 1	17 19	6 0					
T 7	22 31	13 22	2 35	22 54	0 31	13 45	1 37	26 58	4 3	21 41	0 39	19 40	0 15	23 31	0 15	10 10	1 43	21 26	9 9	0 51	1 11	0n 3	17 18	6 0					
W 8	22 25	6 56	1 26	23 4	0 19	13 20	1 34	26 58	4 4	21 43	0 39	19 42	0 15	23 31	0 15	10 10	1 43	21 26	9 9	0 50	1 9	0 6	17 18	6 0					
T 9	22 18	0 11	0 11	23 13	0 7	12 54	1 31	26 58	4 6	21 44	0 39	19 43	0 15	23 31	0 15	10 10	1 43	21 27	9 9	0 49	1 8	0 10	17 17	6 0					
F 10	22 10	6s33	1s 4	23 20	0n 4	12 28	1 29	26 58	4 7	21 46	0 39	19 44	0 15	23 31	0 15	10 10	1 43	21 27	9 10	0 49	1 7	0 13	17 17	6 1					
S 11	22 2	12 54	2 14	23 24	0 16	12 2	1 26	26 58	4 7	21 47	0 39	19 45	0 15	23 31	0 15	10 10	1 43	21 28	9 10	0 49	1 6	0 17	17 17	6 1					
S 12	21 54	18 33	3 16	23 26	0 26	11 35	1 23	26 58	4 8	21 49	0 39	19 46	0 15	23 31	0 15	10 10	1 43	21 29	9 10	0 49	1 4	0 20	17 16	6 1					
M13	21 45	23 11	4 5	23 26	0 36	11 8	1 20	26 58	4 9	21 50	0 39	19 47	0 16	23 31	0 15	10 10	1 43	21 29	9 10	0 47	1 3	0 23	17 16	6 1					
T 14	21 37	26 29	4 40	23 23	0 46	10 41	1 17	26 58	4 10	21 52	0 39	19 48	0 16	23 30	0 15	10 10	1 43	21 30	9 10	0 45	1 2	0 27	17 15	6 1					
W15	21 27	28 12	4 59	23 17	0 55	10 14	1 13	26 58	4 10	21 53	0 39	19 49	0 16	23 30	0 15	10 10	1 43	21 30	9 11	0 41	1 1	0 30	17 15	6 2					
T 16	21 17	28 16	5 1	23 9	1 4	9 46	1 10	26 58	4 11	21 55	0 39	19 50	0 16	23 30	0 15	10 10	1 43	21 31	9 11	0 37	0 59	0 34	17 15	6 2					
F 17	21 7	26 45	4 48	22 57	1 11	9 19	1 6	26 58	4 11	21 56	0 39	19 51	0 16	23 30	0 15	10 10	1 43	21 31	9 11	0 32	0 58	0 37	17 14	6 2					
S 18	20 57	23 51	4 20	22 43	1 19	8 51	1 3	26 58	4 11	21 57	0 39	19 52	0 16	23 30	0 15	10 10	1 43	21 32	9 11	0 28	0 57	0 41	17 14	6 2					
S 19	20 46	19 52	3 40	22 27	1 25	8 23	0 59	26 57	4 12	21 59	0 39	19 53	0 16	23 30	0 15	10 11	1 43	21 32	9 11	0 24	0 55	0 44	17 13	6 2					
M20	20 35	15 6	2 50	22 8	1 30	7 55	0 55	26 57	4 12	22 0	0 39	19 54	0 16	23 29	0 15	10 11	1 43	21 33	9 12	0 22	0 54	0 48	17 13	6 3					
T 21	20 24	9 50	1 53	21 46	1 35	7 27	0 51	26 57	4 12	22 1	0 39	19 55	0 16	23 29	0 15	10 11	1 43	21 34	9 12	0 20	0 53	0 51	17 12	6 3					
W22	20 12	4 17	0 51	21 22	1 39	6 58	0 47	26 57	4 12	22 2	0 39	19 57	0 16	23 29	0 15	10 11	1 42	21 34	9 12	0 19	0 52	0 54	17 12	6 3					
T 23	20 0	1n22	0n12	20 56	1 42	6 30	0 43	26 57	4 12	22 4	0 39	19 58	0 16	23 29	0 15	10 11	1 42	21 35	9 12	0 19	0 50	0 58	17 11	6 3					
F 24	19 47	6 58	1 14	20 28	1 45	6 1	0 39	26 57	4 12	22 5	0 39	19 59	0 17	23 29	0 15	10 11	1 42	21 35	9 12	0 19	0 49	1 1	17 11	6 4					
S 25	19 34	12 21	2 14	19 58	1 46	5 32	0 34	26 57	4 11	22 6	0 39	20 0	0 17	23 29	0 15	10 11	1 42	21 36	9 12	0 19	0 48	1 5	17 10	6 4					
S 26	19 21	17 20	3 9	19 27	1 47	5 3	0 30	26 57	4 11	22 7	0 39	20 1	0 17	23 28	0 15	10 12	1 42	21 36	9 13	0 19	0 47	1 8	17 10	6 4					
M27	19 8	21 44	3 56	18 53	1 48	4 34	0 25	26 57	4 11	22 8	0 39	20 2	0 17	23 28	0 15	10 12	1 42	21 37	9 13	0 19	0 45	1 12	17 9	6 4					
T 28	18 54	25 16	4 33	18 19	1 47	4 6	0 20	26 57	4 11	22 9	0 39	20 3	0 17	23 28	0 15	10 12	1 42	21 38	9 13	0 17	0 44	1 15	17 9	6 5					
W29	18 40	27 37	4 57	17 43	1 46	3 36	0 15	26 58	4 10	22 11	0 39	20 4	0 17	23 28	0 15	10 12	1 42	21 38	9 13	0 15	0 43	1 19	17 8	6 5					
T 30	18 26	28 31	5 7	17 6	1 45	3 7	0 10	26 58	4 10	22 12	0 39	20 5	0 17	23 28	0 15	10 13	1 42	21 39	9 13	0 12	0 42	1 22	17 8	6 5					
F 31	18n11	27n42	4n59	16n28	1n42	2n38	0n 5	26s58	4s 9	22n13	0s39	20s 6	0s17	23n28	0n15	10s13	1n42	21s39	9s13	0n 9	0n40	1n26	17n 7	6s 5					

ASTRODIENST EPHEMERIS for the year 2285

geocentric

AUGUST 2285

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 34	9♂11'32	27♂26	21♂44	24♂35	17♂45	18♂8	1°R18	7♂21	1♂1	25°R30	0°R14	1°Y38	3°Y22	7♂29	S 1
S 2	20 43 30	10° 8'55	11♂51	23°36	25°36	17°54	18°19	1°14	7°24	1° 2	25°29	0°Y 7	1°35	3°29	7°34	S 2
M 3	20 47 27	11° 6'19	26°29	25°26	26°37	18° 3	18°30	1°10	7°27	1° 2	25°28	0° 1	1°32	3°36	7°39	M 3
T 4	20 51 24	12° 3'43	11♂12	27°14	27°38	18°13	18°41	1° 5	7°30	1° 3	25°27	29°H58	1°29	3°42	7°44	T 4
W 5	20 55 20	13° 1'07	25°53	29° 1	28°38	18°24	18°52	1° 1	7°33	1° 4	25°25	29°D56	1°26	3°49	7°49	W 5
T 6	20 59 17	13°58'33	10♂27	0♂46	29°38	18°35	19° 2	0°57	7°37	1° 5	25°24	29°57	1°22	3°56	7°54	T 6
F 7	21 3 13	14°55'59	24°49	2°29	0♂38	18°47	19°13	0°53	7°40	1° 5	25°23	29°58	1°19	4° 2	7°59	F 7
S 8	21 7 10	15°53'25	8♂58	4°11	1°37	19° 0	19°23	0°48	7°43	1° 6	25°21	29°59	1°16	4° 9	8° 4	S 8
S 9	21 11 6	16°50'53	22°51	5°51	2°36	19°14	19°34	0°44	7°46	1° 7	25°20	29°R59	1°13	4°16	8° 9	S 9
M10	21 15 3	17°48'20	6♂30	7°29	3°35	19°28	19°44	0°40	7°49	1° 8	25°19	29°57	1°10	4°22	8°14	M10
T 11	21 18 59	18°45'49	19°53	9° 6	4°33	19°43	19°55	0°36	7°51	1° 9	25°17	29°54	1° 7	4°29	8°19	T 11
W12	21 22 56	19°43'18	3♂ 3	10°41	5°31	19°58	20° 5	0°32	7°54	1°10	25°16	29°49	1° 3	4°36	8°23	W12
T 13	21 26 53	20°40'49	15°59	12°15	6°28	20°15	20°15	0°28	7°57	1°11	25°15	29°43	1° 0	4°42	8°28	T 13
F 14	21 30 49	21°38'20	28°42	13°47	7°25	20°32	20°25	0°24	8° 0	1°12	25°14	29°36	0°57	4°49	8°33	F 14
S 15	21 34 46	22°35'52	11♂12	15°17	8°22	20°49	20°34	0°20	8° 3	1°13	25°12	29°30	0°54	4°55	8°38	S 15
S 16	21 38 42	23°33'25	23°30	16°46	9°18	21° 7	20°44	0°16	8° 6	1°14	25°11	29°25	0°51	5° 2	8°42	S 16
M17	21 42 39	24°30'59	5♂38	18°13	10°13	21°26	20°54	0°12	8° 8	1°15	25°10	29°21	0°48	5° 9	8°47	M17
T 18	21 46 35	25°28'34	17°37	19°38	11° 8	21°45	21° 3	0° 8	8°11	1°16	25° 8	29°18	0°44	5°15	8°51	T 18
W19	21 50 32	26°26'10	29°28	21° 1	12° 3	22° 5	21°13	0° 4	8°14	1°17	25° 7	29°D18	0°41	5°22	8°56	W19
T 20	21 54 28	27°23'48	11°Y16	22°23	12°56	22°25	21°22	0° 1	8°16	1°19	25° 6	29°18	0°38	5°29	9° 0	T 20
F 21	21 58 25	28°21'27	23° 3	23°43	13°50	22°46	21°31	29°Z57	8°19	1°20	25° 4	29°20	0°35	5°35	9° 4	F 21
S 22	22 2 22	29°19'08	4♂54	25° 2	14°43	23° 8	21°40	29°54	8°22	1°21	25° 3	29°22	0°32	5°42	9° 9	S 22
S 23	22 6 18	0♂16'50	16°53	26°18	15°35	23°30	21°49	29°50	8°24	1°22	25° 2	29°23	0°28	5°49	9°13	S 23
M24	22 10 15	1°14'34	29° 5	27°32	16°27	23°52	21°58	29°47	8°27	1°24	25° 0	29°R24	0°25	5°55	9°17	M24
T 25	22 14 11	2°12'20	11♂35	28°45	17°18	24°15	22° 6	29°43	8°29	1°25	24°59	29°23	0°22	6° 2	9°21	T 25
W26	22 18 8	3°10'07	24°27	29°55	18° 8	24°39	22°15	29°40	8°32	1°26	24°58	29°22	0°19	6° 9	9°25	W26
T 27	22 22 4	4° 7'56	7♂44	1♂ 4	18°58	25° 3	22°23	29°37	8°34	1°28	24°56	29°19	0°16	6°15	9°29	T 27
F 28	22 26 1	5° 5'47	21°28	2°10	19°47	25°28	22°31	29°33	8°36	1°29	24°55	29°16	0°13	6°22	9°33	F 28
S 29	22 29 57	6° 3'39	5♂39	3°14	20°35	25°53	22°39	29°30	8°39	1°30	24°54	29°13	0° 9	6°28	9°37	S 29
S 30	22 33 54	7° 1'33	20°13	4°15	21°23	26°18	22°47	29°27	8°41	1°32	24°52	29°10	0° 6	6°35	9°41	S 30
M31	22 37 51	7♂59'28	5♂ 4	5♂14	22♂ 9	26♂44	22♂55	29°Z24	8°43	1♂33	24°51	29°H 8	0°Y 3	6°Y42	9♂45	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17n56	25n 6	4n33	15n49	1n39	2n 9	0n 0	26s58	4s 9	22n14	0s39	20s 7	0s17	23n28	0n15	S 1
S 2	17 41	20 53	3 50	15 9	1 36	1 40	0s 5	26 58	4 8	22 15	0 39	20 8	0 17	23 27	0 15	S 2
M 3	17 25	15 21	2 50	14 28	1 32	1 11	0 11	26 58	4 7	22 16	0 39	20 9	0 17	23 27	0 16	M 3
T 4	17 9	8 53	1 40	13 47	1 28	0 42	0 16	26 59	4 7	22 16	0 39	20 10	0 17	23 27	0 16	T 4
W 5	16 53	1 58	0 22	13 6	1 23	0 13	0 22	26 59	4 6	22 17	0 39	20 11	0 18	23 27	0 16	W 5
T 6	16 37	5s 0	0s57	12 24	1 18	0s17	0 28	26 59	4 5	22 18	0 39	20 12	0 18	23 27	0 16	T 6
F 7	16 20	11 38	2 11	11 42	1 12	0 46	0 33	26 59	4 4	22 19	0 39	20 13	0 18	23 27	0 16	F 7
S 8	16 3	17 33	3 15	10 59	1 6	1 15	0 39	27 0	4 4	22 20	0 39	20 14	0 18	23 26	0 16	S 8
S 9	15 46	22 27	4 8	10 17	1 0	1 44	0 45	27 0	4 3	22 21	0 39	20 15	0 18	23 26	0 16	S 9
M10	15 28	26 2	4 45	9 34	0 53	2 13	0 52	27 0	4 2	22 22	0 39	20 16	0 18	23 26	0 16	M10
T 11	15 11	28 6	5 5	8 51	0 46	2 41	0 58	27 1	4 1	22 22	0 39	20 17	0 18	23 26	0 16	T 11
W12	14 53	28 32	5 9	8 8	0 38	3 10	1 4	27 1	4 0	22 23	0 39	20 18	0 18	23 26	0 16	W12
T 13	14 35	27 22	4 58	7 26	0 31	3 39	1 11	27 1	3 59	22 24	0 39	20 19	0 18	23 26	0 16	T 13
F 14	14 16	24 49	4 31	6 43	0 23	4 7	1 17	27 1	3 58	22 25	0 39	20 20	0 18	23 25	0 16	F 14
S 15	13 58	21 7	3 52	6 1	0 15	4 36	1 24	27 2	3 57	22 25	0 39	20 21	0 18	23 25	0 16	S 15
S 16	13 39	16 32	3 3	5 19	0 6	5 4	1 31	27 2	3 56	22 26	0 39	20 22	0 18	23 25	0 16	S 16
M17	13 20	11 23	2 6	4 37	0s 2	5 32	1 37	27 2	3 55	22 27	0 39	20 23	0 18	23 25	0 16	M17
T 18	13 1	5 52	1 4	3 56	0 11	6 0	1 44	27 2	3 54	22 27	0 39	20 24	0 19	23 25	0 16	T 18
W19	12 41	0 12	0n 1	3 15	0 20	6 28	1 51	27 2	3 53	22 28	0 39	20 25	0 19	23 25	0 16	W19
T 20	12 22	5n27	1 5	2 34	0 29	6 55	1 58	27 3	3 52	22 28	0 39	20 25	0 19	23 25	0 16	T 20
F 21	12 2	10 55	2 7	1 54	0 39	7 23	2 6	27 3	3 51	22 29	0 39	20 26	0 19	23 24	0 16	F 21
S 22	11 42	16 1	3 3	1 14	0 48	7 50	2 13	27 3	3 49	22 30	0 39	20 27	0 19	23 24	0 16	S 22
S 23	11 21	20 34	3 52	0 35	0 57	8 17	2 20	27 3	3 48	22 30	0 39	20 28	0 19	23 24	0 16	S 23
M24	11 1	24 21	4 32	0s 3	1 7	8 44	2 28	27 3	3 47	22 31	0 39	20 29	0 19	23 24	0 16	M24
T 25	10 40	27 5	0 0	4 41	1 17	9 10	2 35	27 2	3 46	22 31	0 39	20 29	0 19	23 24	0 16	T 25
W26	10 20	28 30	5 13	1 18	1 26	9 36	2 43	27 2	3 45	22 32	0 39	20 30	0 19	23 24	0 16	W26
T 27	9 59	28 21	5 11	1 54	1 36	10 3	2 50	27 2	3 43	22 32	0 39	20 31	0 19	23 24	0 16	T 27
F 28	9 38	26 29	4 51	2 29	1 46	10 28	2 58	27 2	3 42	22 32	0 39	20 32	0 19	23 23	0 16	F 28
S 29	9 17	22 56	4 13	3	3	1 56	10 54	3 6	3 41	22 33	0 39	20 32	0 19	23 23	0 16	S 29
S 30	8 55	17 52	3 18	3 37	2 6	11 19	3 14	27 1	3 40	22 33	0 39	20 33	0 19	23 23	0 16	S 30
M31	8n34	11n38	2n 9	4s 9	2s15	11s44	3s22	27s 0	3s38	22n34	0s39	20s34	0s19	23n23	0n16	M31

Julian Day Number = 2555851.5, Delta T = 272.77 sec
 Ecliptic obliquity = 23°24'17, Nutation = 0°00'01, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°43'55, Lahiri = 27°50'56

ASTRODIENST EPHEMERIS for the year 2285
geocentric

SEPTEMBER 2285

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 47	8♍57'25	20♍5	6♂10	22♂55	27♂10	23♂3	29°R21	8♂45	1♍35	24°R50	29°R 7	29♂59	6♂48	9♂49	T 1
W 2	22 45 44	9°55'23	5♂8	7°3	23°40	27°37	23°10	29♂18	8°47	1°36	24°R48	29°D 6	29°57	6°55	9°53	W 2
T 3	22 49 40	10°53'23	20°3	7°54	24°24	28°5	23°18	29°16	8°50	1°38	24°47	29♂7	29°54	7°2	9°56	T 3
F 4	22 53 37	11°51'24	4♍44	8°40	25°8	28°32	23°25	29°13	8°52	1°40	24°46	29°8	29°50	7°8	10°0	F 4
S 5	22 57 33	12°49'26	19°6	9°24	25°50	29°0	23°32	29°10	8°54	1°41	24°45	29°9	29°47	7°15	10°3	S 5
S 6	23 1 30	13°47'30	3♂7	10°4	26°31	29°29	23°39	29°8	8°56	1°43	24°43	29°10	29°44	7°22	10°7	S 6
M 7	23 5 26	14°45'35	16°45	10°40	27°12	29°58	23°46	29°5	8°58	1°44	24°42	29°R11	29°41	7°28	10°10	M 7
T 8	23 9 23	15°43'42	0♂3	11°11	27°51	0♂27	23°53	29°3	8°59	1°46	24°41	29°10	29°38	7°35	10°14	T 8
W 9	23 13 20	16°41'49	13°1	11°39	28°29	0°57	23°59	29°1	9°1	1°48	24°40	29°9	29°34	7°42	10°17	W 9
T 10	23 17 16	17°39'59	25°42	12°1	29°6	1°27	24°5	28°59	9°3	1°49	24°39	29°8	29°31	7°48	10°20	T 10
F 11	23 21 13	18°38'09	8♍9	12°19	29°41	1°57	24°12	28°56	9°5	1°51	24°37	29°6	29°28	7°55	10°23	F 11
S 12	23 25 9	19°36'22	20°23	12°31	0♍16	2°28	24°18	28°54	9°7	1°53	24°36	29°5	29°25	8°2	10°26	S 12
S 13	23 29 6	20°34'35	2♂28	12°37	0°49	2°59	24°24	28°53	9°8	1°55	24°35	29°4	29°22	8°8	10°29	S 13
M14	23 33 2	21°32'51	14°25	12°R38	1°20	3°30	24°29	28°51	9°10	1°56	24°34	29°3	29°19	8°15	10°32	M14
T 15	23 36 59	22°31'08	26°17	12°32	1°51	4°2	24°35	28°49	9°11	1°58	24°33	29°D 3	29°15	8°21	10°35	T 15
W16	23 40 55	23°29'27	8♂6	12°20	2°19	4°34	24°40	28°47	9°13	2°0	24°32	29°3	29°12	8°28	10°38	W16
T 17	23 44 52	24°27'48	19°53	12°1	2°47	5°6	24°45	28°46	9°14	2°2	24°30	29°3	29°9	8°35	10°41	T 17
F 18	23 48 49	25°26'11	1♂42	11°36	3°12	5°39	24°50	28°44	9°16	2°4	24°29	29°4	29°6	8°41	10°43	F 18
S 19	23 52 45	26°24'35	13°36	11°4	3°36	6°12	24°55	28°43	9°17	2°6	24°28	29°4	29°3	8°48	10°46	S 19
S 20	23 56 42	27°23'02	25°37	10°25	3°58	6°45	25°0	28°42	9°19	2°8	24°27	29°4	28°59	8°55	10°48	S 20
M21	0 0 38	28°21'31	7♍50	9°40	4°19	7°19	25°5	28°40	9°20	2°10	24°26	29°4	28°56	9°1	10°51	M21
T 22	0 4 35	29°20'02	20°19	8°49	4°38	7°53	25°9	28°39	9°21	2°11	24°25	29°R 4	28°53	9°8	10°53	T 22
W23	0 8 31	0♂18'36	3♂6	7°53	4°55	8°27	25°13	28°38	9°22	2°13	24°24	29°D 4	28°50	9°15	10°55	W23
T 24	0 12 28	1°17'11	16°17	6°53	5°9	9°1	25°17	28°37	9°23	2°15	24°23	29°4	28°47	9°21	10°58	T 24
F 25	0 16 24	2°15'49	29°53	5°50	5°22	9°36	25°21	28°37	9°25	2°17	24°22	29°5	28°44	9°28	11°0	F 25
S 26	0 20 21	3°14'29	13♂56	4°45	5°33	10°11	25°24	28°36	9°26	2°19	24°21	29°5	28°40	9°35	11°2	S 26
S 27	0 24 18	4°13'11	28°24	3°41	5°42	10°46	25°28	28°35	9°27	2°21	24°20	29°5	28°37	9°41	11°4	S 27
M28	0 28 14	5°11'55	13♍15	2°37	5°49	11°21	25°31	28°35	9°27	2°23	24°19	29°6	28°34	9°48	11°6	M28
T 29	0 32 11	6°10'41	28°20	1°37	5°53	11°57	25°34	28°34	9°28	2°25	24°18	29°R 6	28°31	9°54	11°8	T 29
W30	0 36 7	7♂9'30	13♂33	0♂42	5°R55	12♂33	25♂37	28♂34	9♂29	2♍27	24♂17	29♂6	28♂28	10♂1	11♂9	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n12	4n41	0n50	4s40	2s25	12s 9	3s30	26s59	3s37	22n34	0s39	20s34	0s19	23n23	0n16	10s26	1n40	21s56	9s16	0s21	0s 0	3n16	16n45	6s18	
W 2	7 50	2s33	0s33	5 10	2 34	12 33	3 38	26 59	3 36	22 35	0 39	20 35	0 20	23 23	0 16	10 27	1 40	21 56	9 16	0 21	0 1	3 19	16 44	6 19	
T 3	7 28	9 35	1 53	5 38	2 44	12 57	3 46	26 58	3 34	22 35	0 39	20 36	0 20	23 23	0 16	10 27	1 40	21 57	9 16	0 21	0 3	3 22	16 44	6 19	
F 4	7 6	15 59	3 5	6 5	2 53	13 20	3 54	26 57	3 33	22 35	0 39	20 36	0 20	23 23	0 16	10 28	1 40	21 57	9 16	0 21	0 4	3 26	16 43	6 20	
S 5	6 44	21 22	4 3	6 30	3 2	13 43	4 2	26 56	3 32	22 36	0 39	20 37	0 20	23 23	0 16	10 28	1 40	21 58	9 15	0 20	0 5	3 29	16 42	6 20	
S 6	6 22	25 24	4 45	6 54	3 11	14 6	4 10	26 55	3 30	22 36	0 39	20 38	0 20	23 22	0 16	10 29	1 40	21 58	9 15	0 20	0 6	3 33	16 41	6 21	
M 7	6 0	27 53	5 9	7 16	3 19	14 29	4 19	26 53	3 29	22 36	0 39	20 38	0 20	23 22	0 16	10 30	1 40	21 58	9 15	0 20	0 8	3 36	16 41	6 21	
T 8	5 37	28 41	5 17	7 36	3 27	14 51	4 27	26 52	3 28	22 36	0 39	20 39	0 20	23 22	0 16	10 30	1 40	21 59	9 15	0 20	0 9	3 40	16 40	6 22	
W 9	5 15	27 52	5 7	7 53	3 35	15 12	4 35	26 50	3 26	22 37	0 39	20 39	0 20	23 22	0 16	10 31	1 40	21 59	9 15	0 20	0 10	3 43	16 39	6 23	
T 10	4 52	25 37	4 43	8 9	3 42	15 33	4 44	26 49	3 25	22 37	0 39	20 40	0 20	23 22	0 16	10 31	1 40	22 0	9 15	0 21	0 11	3 46	16 38	6 23	
F 11	4 29	22 10	4 6	8 22	3 48	15 54	4 52	26 47	3 24	22 37	0 39	20 40	0 20	23 22	0 16	10 32	1 40	22 0	9 15	0 21	0 13	3 50	16 37	6 24	
S 12	4 7	17 48	3 18	8 32	3 54	16 14	5 0	26 45	3 22	22 37	0 39	20 41	0 20	23 22	0 16	10 33	1 40	22 0	9 15	0 22	0 14	3 53	16 37	6 24	
S 13	3 44	12 48	2 22	8 39	3 59	16 33	5 9	26 43	3 21	22 38	0 39	20 41	0 20	23 22	0 16	10 33	1 40	22 1	9 15	0 22	0 15	3 57	16 36	6 25	
M14	3 21	7 21	1 20	8 43	4 4	16 52	5 17	26 41	3 19	22 38	0 39	20 42	0 20	23 22	0 16	10 34	1 40	22 1	9 15	0 23	0 16	4 0	16 35	6 25	
T 15	2 58	1 42	0 15	8 44	4 7	17 10	5 25	26 38	3 18	22 38	0 40	20 42	0 20	23 22	0 16	10 35	1 40	22 1	9 15	0 23	0 18	4 4	16 34	6 26	
W16	2 35	3n58	0n50	8 41	4 9	17 28	5 33	26 36	3 17	22 38	0 40	20 42	0 20	23 21	0 16	10 35	1 40	22 2	9 15	0 23	0 19	4 7	16 34	6 26	
T 17	2 12	9 31	1 53	8 35	4 10	17 45	5 41	26 33	3 15	22 39	0 40	20 43	0 20	23 21	0 16	10 36	1 40	22 2	9 15	0 23	0 20	4 10	16 33	6 27	
F 18	1 49	14 44	2 52	8 24	4 9	18 2	5 50	26 31	3 14	22 39	0 40	20 43	0 20	23 21	0 16	10 37	1 40	22 2	9 15	0 22	0 22	4 14	16 32	6 28	
S 19	1 26	19 27	3 43	8 10	4 7	18 18	5 58	26 28	3 12	22 39	0 40	20 43	0 21	23 21	0 16	10 37	1 40	22 3	9 15	0 22	0 23	4 17	16 31	6 28	
S 20	1 2	23 26	4 25	7 51	4 3	18 33	6 6	26 25	3 11	22 39	0 40	20 44	0 21	23 21	0 16	10 38	1 40	22 3	9 15	0 22	0 24	4 21	16 30	6 29	
M21	0 39	26 27	4 56	7 28	3 58	18 47	6 13	26 21	3 9	22 39	0 40	20 44	0 21	23 21	0 17	10 39	1 40	22 3	9 15	0 22	0 25	4 24	16 30	6 29	
T 22	0 16	28 16	5 14	7 1	3 51	19 1	6 21	26 18	3 8	22 39	0 40	20 44	0 21	23 21	0 17	10 39	1 40	22 4	9 15	0 22	0 27	4 28	16 29	6 30	
W23	0s 7	28 39	5 17	6 31	3 41	19 14	6 29	26 14	3 6	22 39	0 40	20 44	0 21	23 21	0 17	10 40	1 40	22 4	9 15	0 22	0 28	4 31	16 28	6 30	
T 24	0 31	27 26	5 4	5 57	3 30	19 26	6 36	26 11	3 5	22 40	0 40	20 45	0 21	23 21	0 17	10 41	1 40	22 4	9 14	0 22	0 29	4 34	16 27	6 31	
F 25	0 54	24 35	4 33	5 20	3 17	19 37	6 43	26 7	3 4	22 40	0 40	20 45	0 21	23 21	0 17	10 41	1 40	22 4	9 14	0 22	0 30	4 38	16 27	6 32	
S 26	1 17	20 13	3 46	4 41	3 2	19 47	6 50	26 3	3 2	22 40	0 40	20 45	0 21	23 21	0 17	10 42	1 40	22 5	9 14	0 22	0 32	4 41	16 26	6 32	
S 27	1 40	14 33	2 42	4 0	2 46	19 57	6 57	25 58	3 1	22 40	0 40	20 45	0 21	23 21	0 17	10 43	1 40	22 5	9 14	0 22	0 33	4 45	16 25	6 33	
M28	2 4	7 55	1 27	3 19	2 28	20 5	7 4	25 54	2 59	22 40	0 40	20 45	0 21	23 21	0 17	10 44	1 40	22 5	9 14	0 22	0 34	4 48	16 24	6 33	
T 29	2 27	0 44	0 4	2 37	2 9	20 12	7 10	25 49	2 58	22 40	0 40	20 46	0 21	23 21	0 17	10 44	1 40	22 5	9 14	0 21	0 35	4 51	16 24	6 34	
W30	2s50	6s33	1s19	1s57	1s50	20s19	7s16	25s44	2s56	22n40	0s40	20s46	0s21	23n21	0n17	10s45	1n39	22s 5	9s14	0s22	0s37	4n55	16n23	6s35	

ASTRODIENST EPHEMERIS for the year 2285
geocentric

OCTOBER 2285

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 40 4	8♌ 8'20	28♌42	29°R52	5°R55	13♌ 9	25♌40	28°R34	9♌30	2♌30	24°R16	29°R 5	28♌25	10♌ 8	11♌11	T 1
F 2	0 44 0	9° 7'12	13♌40	29♌11	5♌52	13°45	25°42	28♌34	9°31	2°32	24♌15	29♌ 4	28°21	10°14	11°13	F 2
S 3	0 47 57	10° 6'06	28°18	28°37	5°47	14°22	25°45	28°D34	9°31	2°34	24°15	29° 3	28°18	10°21	11°14	S 3
S 4	0 51 53	11° 5'01	12♌31	28°14	5°40	14°58	25°47	28°34	9°32	2°36	24°14	29° 2	28°15	10°28	11°15	S 4
M 5	0 55 50	12° 3'59	26°18	28° 0	5°30	15°35	25°49	28°34	9°33	2°38	24°13	29° 1	28°12	10°34	11°17	M 5
T 6	0 59 47	13° 2'58	9♌38	27°D56	5°18	16°13	25°50	28°34	9°33	2°40	24°12	29°D 0	28° 9	10°41	11°18	T 6
W 7	1 3 43	14° 1'59	22°34	28° 3	5° 4	16°50	25°52	28°35	9°34	2°42	24°11	29° 0	28° 5	10°48	11°19	W 7
T 8	1 7 40	15° 1'01	5♌ 8	28°20	4°47	17°28	25°53	28°35	9°34	2°44	24°11	29° 1	28° 2	10°54	11°20	T 8
F 9	1 11 36	16° 0'06	17°26	28°48	4°27	18° 5	25°54	28°36	9°34	2°47	24°10	29° 2	27°59	11° 1	11°21	F 9
S 10	1 15 33	16°59'12	29°31	29°24	4° 6	18°43	25°55	28°36	9°35	2°49	24° 9	29° 4	27°56	11° 8	11°22	S 10
S 11	1 19 29	17°58'20	11♌27	0♌ 9	3°42	19°22	25°56	28°37	9°35	2°51	24° 9	29° 5	27°53	11°14	11°23	S 11
M12	1 23 26	18°57'29	23°17	1° 3	3°16	20° 0	25°57	28°38	9°35	2°53	24° 8	29°R 6	27°50	11°21	11°24	M12
T 13	1 27 22	19°56'41	5♌ 5	2° 4	2°49	20°39	25°57	28°39	9°35	2°55	24° 7	29° 6	27°46	11°28	11°25	T 13
W14	1 31 19	20°55'54	16°53	3°12	2°19	21°17	25°R57	28°40	9°35	2°57	24° 7	29° 5	27°43	11°34	11°25	W14
T 15	1 35 15	21°55'10	28°44	4°25	1°48	21°56	25°57	28°41	9°R35	3° 0	24° 6	29° 3	27°40	11°41	11°26	T 15
F 16	1 39 12	22°54'28	10♌38	5°44	1°16	22°35	25°57	28°42	9°35	3° 2	24° 5	28°59	27°37	11°48	11°26	F 16
S 17	1 43 9	23°53'47	22°39	7° 7	0°42	23°14	25°56	28°44	9°35	3° 4	24° 5	28°55	27°34	11°54	11°27	S 17
S 18	1 47 5	24°53'09	4♌49	8°35	0° 7	23°54	25°56	28°45	9°35	3° 6	24° 4	28°51	27°31	12° 1	11°27	S 18
M19	1 51 2	25°52'34	17° 8	10° 5	29♌31	24°33	25°55	28°47	9°35	3° 8	24° 4	28°47	27°27	12° 7	11°27	M19
T 20	1 54 58	26°52'00	29°41	11°38	28°55	25°13	25°54	28°49	9°35	3°11	24° 3	28°43	27°24	12°14	11°27	T 20
W21	1 58 55	27°51'29	12♌29	13°13	28°18	25°53	25°52	28°50	9°34	3°13	24° 3	28°41	27°21	12°21	11°R27	W21
T 22	2 2 51	28°51'00	25°36	14°50	27°41	26°33	25°51	28°52	9°34	3°15	24° 3	28°D40	27°18	12°27	11°27	T 22
F 23	2 6 48	29°50'33	9♌ 3	16°29	27° 5	27°13	25°49	28°54	9°34	3°17	24° 2	28°40	27°15	12°34	11°27	F 23
S 24	2 10 44	0♌50'09	22°53	18° 8	26°29	27°53	25°47	28°56	9°33	3°20	24° 2	28°41	27°11	12°41	11°27	S 24
S 25	2 14 41	1°49'47	7♌ 6	19°49	25°53	28°33	25°45	28°58	9°33	3°22	24° 1	28°43	27° 8	12°47	11°26	S 25
M26	2 18 38	2°49'27	21°41	21°30	25°18	29°14	25°43	29° 1	9°32	3°24	24° 1	28°R44	27° 5	12°54	11°26	M26
T 27	2 22 34	3°49'09	6♌35	23°11	24°45	29°54	25°41	29° 3	9°32	3°26	24° 1	28°44	27° 2	13° 1	11°25	T 27
W28	2 26 31	4°48'53	21°40	24°53	24°12	0♌35	25°38	29° 5	9°31	3°29	24° 1	28°42	26°59	13° 7	11°25	W28
T 29	2 30 27	5°48'40	6♌49	26°34	23°41	1°16	25°35	29° 8	9°30	3°31	24° 0	28°38	26°56	13°14	11°24	T 29
F 30	2 34 24	6°48'28	21°51	28°16	23°12	1°57	25°32	29°10	9°30	3°33	24° 0	28°33	26°52	13°21	11°23	F 30
S 31	2 38 20	7♌48'19	6♌38	29♌57	22♌45	2♌38	25♌29	29♌13	9♌29	3♌35	24♌ 0	28♌27	26♌49	13♌27	11♌23	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	lat	decl	decl	decl	decl	lat	decl
T 1	3s13	13s27	2s37	1s19	1s29	20s24	7s21	25s39	2s55	22n40	0s40	20s46	0s21	23n21	0n17	10s46	1n39	22s 6	9s14	0s22	0s38	4n58	16n22	6s35										
F 2	3 37	19 28	3 43	0 44	1 9	20 28	7 26	25 34	2 53	22 40	0 40	20 46	0 21	23 21	0 17	10 46	1 39	22 6	9 14	0 22	0 39	5 2	16 21	6 36										
S 3	4 0	24 11	4 33	0 12	0 49	20 31	7 31	25 29	2 52	22 40	0 40	20 46	0 21	23 21	0 17	10 47	1 39	22 6	9 14	0 23	0 40	5 5	16 21	6 37										
S 4	4 23	27 17	5 4	0n15	0 29	20 32	7 35	25 23	2 50	22 40	0 40	20 46	0 21	23 21	0 17	10 48	1 39	22 6	9 13	0 23	0 42	5 8	16 20	6 37										
M 5	4 46	28 38	5 17	0 38	0 10	20 32	7 39	25 17	2 49	22 40	0 40	20 46	0 21	23 21	0 17	10 49	1 39	22 6	9 13	0 24	0 43	5 12	16 19	6 38										
T 6	5 9	28 14	5 12	0 56	0n 7	20 31	7 42	25 12	2 47	22 40	0 40	20 46	0 21	23 21	0 17	10 49	1 39	22 7	9 13	0 24	0 44	5 15	16 18	6 38										
W 7	5 32	26 18	4 51	1 9	0 24	20 28	7 45	25 5	2 46	22 41	0 40	20 46	0 21	23 20	0 17	10 50	1 39	22 7	9 13	0 24	0 45	5 19	16 18	6 39										
T 8	5 54	23 6	4 16	1 16	0 40	20 24	7 47	24 59	2 44	22 41	0 40	20 46	0 21	23 20	0 17	10 51	1 39	22 7	9 13	0 23	0 47	5 22	16 17	6 40										
F 9	6 17	18 56	3 31	1 18	0 54	20 19	7 48	24 53	2 43	22 41	0 40	20 46	0 21	23 20	0 17	10 52	1 39	22 7	9 13	0 23	0 48	5 25	16 16	6 40										
S 10	6 40	14 4	2 36	1 15	1 7	20 12	7 49	24 46	2 41	22 41	0 40	20 46	0 22	23 20	0 17	10 52	1 39	22 7	9 13	0 22	0 49	5 29	16 16	6 41										
S 11	7 2	8 44	1 36	1 8	1 18	20 4	7 49	24 39	2 40	22 41	0 40	20 46	0 22	23 20	0 17	10 53	1 39	22 7	9 12	0 22	0 51	5 32	16 15	6 42										
M12	7 25	3 9	0 32	0 55	1 28	19 54	7 48	24 32	2 38	22 41	0 40	20 45	0 22	23 21	0 17	10 54	1 39	22 7	9 12	0 21	0 52	5 36	16 14	6 42										
T 13	7 47	2n31	0n33	0 39	1 36	19 43	7 46	24 24	2 37	22 41	0 40	20 45	0 22	23 21	0 17	10 55	1 39	22 7	9 12	0 21	0 53	5 39	16 13	6 43										
W14	8 10	8 7	1 37	0 18	1 43	19 30	7 43	24 17	2 35	22 41	0 40	20 45	0 22	23 21	0 17	10 55	1 39	22 7	9 12	0 22	0 54	5 42	16 13	6 43										
T 15	8 32	13 26	2 36	0s 6	1 49	19 16	7 40	24 9	2 34	22 41	0 40	20 45	0 22	23 21	0 17	10 56	1 39	22 7	9 12	0 23	0 56	5 46	16 12	6 44										
F 16	8 54	18 18	3 29	0 33	1 53	19 0	7 36	24 1	2 32	22 41	0 40	20 45	0 22	23 21	0 17	10 57	1 39	22 8	9 12	0 24	0 57	5 49	16 11	6 45										
S 17	9 16	22 29	4 13	1 2	1 56	18 44	7 31	23 53	2 31	22 41	0 40	20 44	0 22	23 21	0 17	10 58	1 39	22 8	9 12	0 26	0 58	5 53	16 11	6 45										
S 18	9 37	25 46	4 47	1 35	1 59	18 26	7 25	23 45	2 29	22 41	0 40	20 44	0 22	23 21	0 17	10 58	1 39	22 8	9 11	0 27	0 59	5 56	16 10	6 46										
M19	9 59	27 53	5 7	2 9	2 0	18 6	7 18	23 36	2 28	22 41	0 40	20 44	0 22	23 21	0 17	10 59	1 39	22 8	9 11	0 29	1 1	5 59	16 9	6 47										
T 20	10 20	28 38	5 13	2 45	2 0	17 46	7 10	23 28	2 26	22 40	0 40	20 44	0 22	23 21	0 17	11 0	1 39	22 8	9 11	0 31	1 2	6 3	16 9	6 47										
W21	10 42	27 52	5 4	3 23	2 0	17 25	7 2	23 19	2 25	22 40	0 40	20 43	0 22	23 21	0 17	11 1	1 39	22 8	9 11	0 32	1 3	6 6	16 8	6 48										
T 22	11 3	25 34	4 40	4 1	1 58	17 3	6 53	23 10	2 23	22 40	0 40	20 43	0 22	23 21	0 17	11 1	1 39	22 8	9 11	0 32	1 4	6 9	16 8	6 49										
F 23	11 24	21 49	3 59	4 41	1 56	16 40	6 43	23 0	2 22	22 40	0 40	20 43	0 22	23 21	0 17	11 2	1 39	22 8	9 11	0 32	1 6	6 13	16 7	6 49										
S 24	11 45	16 46	3 4	5 21	1 54	16 17	6 32	22 51	2 20	22 40	0 40	20 42	0 22	23 21	0 17	11 3	1 39	22 8	9 10	0 31	1 7	6 16	16 6	6 50										
S 25	12 6	10 41	1 56	6 2	1 50	15 53	6 20	22 41	2 19	22 40	0 40	20 42	0 22	23 21	0 17	11 4	1 39	22 8	9 10	0 31	1 8	6 20	16 6	6 50										
M26	12 26	3 53	0 38	6 43	1 47	15 29	6 8	22 31	2 17	22 40	0 40	20 41	0 22	23 21	0 17	11 4	1 39	22 7	9 10	0 30	1 9	6 23	16 5	6 51										
T 27	12 46	3s16	0s43	7 25	1 42	15 5	5 56	22 21	2 16	22 40	0 40	20 41	0 22	23 21	0 17	11 5	1 39	22 7	9 10	0 30	1 11	6 26	16 5	6 52										
W28	13 6	10 19	2 2	8 6	1 38	14 41	5 43	22 11	2 14	22 40	0 40	20 40	0 22	23 21	0 17	11 6	1 39	22 7	9 10	0 31	1 12	6 30	16 4	6 52										
T 29	13 26	16 48	3 13	8 47	1 33	14 17	5 29	22 1	2 13	22 40	0 40	20 40	0 22	23 21	0 17	11 7	1 39	22 7	9 10	0 32	1 13	6 33	16 3	6 53										
F 30	13 46	22 13	4 9	9 28	1 38	13 53	5 15	21 50	2 12	22 40	0 40	20 39	0 22	23 21	0 17	11 7	1 39	22 7	9 9	0 34	1 14	6 36	16 3	6 54										
S 31	14s 6	26s 7	4s48	10s 9	1n22	13s29	5s 1	21s39	2s10	22n40	0s40	20s39	0s22	23n21	0n17	11s 8	1n39	22s 7	9s 9	0s37	1s16	6n40	16n 2	6s54										

ASTRODIENST EPHEMERIS for the year 2285
geocentric

NOVEMBER 2285

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 17	8♉48°11	21♊1	1♉38	22°R20	3♉19	25°R25	29♊16	9°R28	3♉38	24°R 0	28°R21	26♉46	13♊34	11°R22	S 1
M 2	2 46 13	9°48'05	4♊57	3°19	21♉56	4° 1	25♊22	29°19	9♊27	3°40	24♉0	28♉15	26°43	13°41	11♊21	M 2
T 3	2 50 10	10°48'01	18°24	4°59	21°35	4°42	25°18	29°22	9°26	3°42	23°59	28°11	26°40	13°47	11°19	T 3
W 4	2 54 7	11°47'58	1♉24	6°40	21°16	5°24	25°14	29°25	9°25	3°44	23°59	28° 9	26°37	13°54	11°18	W 4
T 5	2 58 3	12°47'57	14° 0	8°19	21° 0	6° 6	25°10	29°28	9°24	3°46	23°59	28°D 8	26°33	14° 1	11°17	T 5
F 6	3 2 0	13°47'57	26°16	9°59	20°46	6°47	25° 5	29°31	9°23	3°49	23°59	28° 9	26°30	14° 7	11°16	F 6
S 7	3 5 56	14°47'59	8♉17	11°38	20°34	7°29	25° 1	29°35	9°22	3°51	23°D59	28°10	26°27	14°14	11°14	S 7
S 8	3 9 53	15°48'03	20° 9	13°16	20°25	8°11	24°56	29°38	9°21	3°53	23°59	28°12	26°24	14°20	11°13	S 8
M 9	3 13 49	16°48'08	1♊57	14°54	20°18	8°53	24°51	29°42	9°19	3°55	23°59	28°R12	26°21	14°27	11°11	M 9
T 10	3 17 46	17°48'15	13°44	16°32	20°13	9°35	24°46	29°45	9°18	3°58	23°59	28°10	26°17	14°34	11°10	T 10
W11	3 21 42	18°48'23	25°34	18° 9	20°D12	10°18	24°41	29°49	9°17	4° 0	24° 0	28° 7	26°14	14°40	11° 8	W11
T 12	3 25 39	19°48'33	7♉30	19°46	20°12	11° 0	24°35	29°53	9°15	4° 2	24° 0	28° 1	26°11	14°47	11° 6	T 12
F 13	3 29 36	20°48'45	19°34	21°23	20°15	11°42	24°30	29°57	9°14	4° 4	24° 0	27°52	26° 8	14°54	11° 4	F 13
S 14	3 33 32	21°48'59	1♊47	22°59	20°20	12°25	24°24	0♉0	9°12	4° 6	24° 0	27°42	26° 5	15° 0	11° 2	S 14
S 15	3 37 29	22°49'14	14°11	24°35	20°28	13° 7	24°18	0° 4	9°11	4° 8	24° 0	27°32	26° 2	15° 7	11° 0	S 15
M16	3 41 25	23°49'32	26°45	26°10	20°38	13°50	24°12	0° 9	9° 9	4°10	24° 0	27°21	25°58	15°14	10°58	M16
T 17	3 45 22	24°49'51	9♊31	27°45	20°50	14°33	24° 6	0°13	9° 8	4°13	24° 1	27°12	25°55	15°20	10°56	T 17
W18	3 49 18	25°50'12	22°29	29°20	21° 4	15°15	24° 0	0°17	9° 6	4°15	24° 1	27° 5	25°52	15°27	10°54	W18
T 19	3 53 15	26°50'35	5♉40	0♉55	21°21	15°58	23°53	0°21	9° 5	4°17	24° 1	27° 1	25°49	15°34	10°51	T 19
F 20	3 57 12	27°51'00	19° 5	2°29	21°39	16°41	23°47	0°26	9° 3	4°19	24° 2	26°58	25°46	15°40	10°49	F 20
S 21	4 1 8	28°51'26	2♊47	4° 3	22° 0	17°24	23°40	0°30	9° 1	4°21	24° 2	26°D58	25°43	15°47	10°46	S 21
S 22	4 5 5	29°51'55	16°46	5°37	22°22	18° 7	23°33	0°35	8°59	4°23	24° 2	26°59	25°39	15°54	10°44	S 22
M23	4 9 1	0♉52'25	1♊2	7°10	22°46	18°50	23°26	0°39	8°57	4°25	24° 3	26°R59	25°36	16° 0	10°41	M23
T 24	4 12 58	1°52'57	15°34	8°44	23°12	19°33	23°19	0°44	8°56	4°27	24° 3	26°58	25°33	16° 7	10°39	T 24
W25	4 16 54	2°53'31	0♉18	10°17	23°40	20°17	23°12	0°49	8°54	4°29	24° 4	26°54	25°30	16°14	10°36	W25
T 26	4 20 51	3°54'07	15° 9	11°50	24° 9	21° 0	23° 5	0°54	8°52	4°31	24° 4	26°47	25°27	16°20	10°33	T 26
F 27	4 24 47	4°54'44	29°58	13°22	24°40	21°43	22°57	0°59	8°50	4°33	24° 5	26°38	25°23	16°27	10°30	F 27
S 28	4 28 44	5°55'23	14♊38	14°55	25°13	22°26	22°50	1° 4	8°48	4°35	24° 5	26°27	25°20	16°34	10°27	S 28
S 29	4 32 41	6°56'03	28°59	16°27	25°46	23°10	22°42	1° 9	8°46	4°37	24° 6	26°16	25°17	16°40	10°24	S 29
M30	4 36 37	7♊56'45	12♊57	18♊0	26♉22	23♉53	22♊35	1♉14	8♊44	4♉39	24♉7	26♉5	25♉14	16♊47	10♊21	M30

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	14s25	28s13	5s 8	10s50	1n16	13s 6	4s46	21s28	2s 9	22n40	0s40	20s38	0s22	23n21	0n17	11s 9	1n39	22s 7	9s 9	0s39	1s17	6n43	16n 2	6s55			
M 2	14 44	28 27	5 8	11 30	1 10	12 44	4 32	21 17	2 7	22 40	0 40	20 38	0 22	23 22	0 18	11 10	1 39	22 7	9 9	0 42	1 18	6 47	16 1	6 55			
T 3	15 3	26 57	4 51	12 9	1 4	12 22	4 17	21 5	2 6	22 39	0 40	20 37	0 23	23 22	0 18	11 10	1 39	22 7	9 9	0 43	1 20	6 50	16 1	6 56			
W 4	15 21	24 2	4 20	12 48	0 58	12 1	4 2	20 54	2 4	22 39	0 40	20 37	0 23	23 22	0 18	11 11	1 39	22 7	9 9	0 44	1 21	6 53	16 0	6 57			
T 5	15 39	20 3	3 36	13 27	0 52	11 41	3 47	20 42	2 3	22 39	0 40	20 36	0 23	23 22	0 18	11 12	1 39	22 6	9 8	0 44	1 22	6 57	16 0	6 57			
F 6	15 57	15 19	2 44	14 4	0 45	11 22	3 32	20 30	2 1	22 39	0 40	20 35	0 23	23 22	0 18	11 13	1 39	22 6	9 8	0 44	1 23	7 0	15 59	6 58			
S 7	16 15	10 5	1 46	14 41	0 38	11 4	3 17	20 18	2 0	22 39	0 40	20 35	0 23	23 22	0 18	11 13	1 39	22 6	9 8	0 43	1 25	7 3	15 59	6 58			
S 8	16 33	4 34	0 43	15 18	0 32	10 46	3 2	20 6	1 58	22 39	0 40	20 34	0 23	23 22	0 18	11 14	1 39	22 6	9 8	0 43	1 26	7 7	15 58	6 59			
M 9	16 50	1n 5	0n20	15 53	0 25	10 30	2 48	19 53	1 57	22 39	0 40	20 33	0 23	23 22	0 18	11 15	1 39	22 6	9 8	0 43	1 27	7 10	15 58	7 0			
T 10	17 7	6 41	1 23	16 28	0 18	10 15	2 33	19 40	1 55	22 38	0 40	20 33	0 23	23 22	0 18	11 16	1 39	22 6	9 7	0 44	1 28	7 13	15 57	7 0			
W11	17 24	12 4	2 22	17 2	0 11	10 2	2 19	19 28	1 54	22 38	0 40	20 32	0 23	23 23	0 18	11 16	1 39	22 5	9 7	0 45	1 30	7 17	15 57	7 1			
T 12	17 40	17 4	3 15	17 35	0 5	9 49	2 5	19 15	1 52	22 38	0 40	20 31	0 23	23 23	0 18	11 17	1 39	22 5	9 7	0 47	1 31	7 20	15 57	7 1			
F 13	17 56	21 27	4 0	18 7	0s 2	9 37	1 51	19 1	1 51	22 38	0 39	20 30	0 23	23 23	0 18	11 18	1 39	22 5	9 7	0 51	1 32	7 23	15 56	7 2			
S 14	18 12	24 58	4 35	18 38	0 9	9 27	1 38	18 48	1 49	22 38	0 39	20 30	0 23	23 23	0 18	11 18	1 39	22 5	9 7	0 55	1 33	7 27	15 56	7 2			
S 15	18 27	27 23	4 57	19 8	0 16	9 17	1 25	18 35	1 48	22 38	0 39	20 29	0 23	23 23	0 18	11 19	1 39	22 4	9 7	0 59	1 35	7 30	15 55	7 3			
M16	18 42	28 27	5 5	19 38	0 22	9 9	1 12	18 21	1 46	22 37	0 39	20 28	0 23	23 23	0 18	11 20	1 40	22 4	9 6	1 3	1 36	7 33	15 55	7 3			
T 17	18 57	28 1	4 58	20 6	0 29	9 2	0 59	18 7	1 45	22 37	0 39	20 27	0 23	23 23	0 18	11 21	1 40	22 4	9 6	1 7	1 37	7 37	15 55	7 4			
W18	19 11	26 4	4 36	20 33	0 35	8 56	0 47	17 53	1 44	22 37	0 39	20 26	0 23	23 23	0 18	11 21	1 40	22 4	9 6	1 9	1 38	7 40	15 54	7 4			
T 19	19 25	22 41	3 59	20 59	0 42	8 51	0 35	17 39	1 42	22 37	0 39	20 25	0 23	23 24	0 18	11 22	1 40	22 3	9 6	1 11	1 40	7 43	15 54	7 5			
F 20	19 39	18 3	3 8	21 25	0 48	8 48	0 24	17 25	1 41	22 36	0 39	20 24	0 23	23 24	0 18	11 23	1 40	22 3	9 6	1 12	1 41	7 47	15 54	7 6			
S 21	19 53	12 25	2 5	21 49	0 54	8 45	0 12	17 10	1 39	22 36	0 39	20 24	0 23	23 24	0 18	11 23	1 40	22 3	9 5	1 12	1 42	7 50	15 53	7 6			
S 22	20 6	6 3	0 54	22 12	1 0	8 43	0 2	16 56	1 38	22 36	0 39	20 23	0 23	23 24	0 18	11 24	1 40	22 2	9 5	1 12	1 43	7 53	15 53	7 7			
M23	20 18	0s44	0s22	22 34	1 6	8 42	0n 9	16 41	1 36	22 36	0 39	20 22	0 23	23 24	0 18	11 25	1 40	22 2	9 5	1 12	1 45	7 57	15 53	7 7			
T 24	20 30	7 37	1 37	22 55	1 12	8 43	0 19	16 26	1 35	22 35	0 39	20 21	0 23	23 24	0 18	11 25	1 40	22 2	9 5	1 12	1 46	8 0	15 53	7 7			
W25	20 42	14 11	2 48	23 14	1 18	8 44	0 29	16 11	1 33	22 35	0 39	20 20	0 23	23 24	0 18	11 26	1 40	22 1	9 5	1 14	1 47	8 3	15 52	7 8			
T 26	20 54	19 58	3 47	23 33	1 23	8 46	0 38	15 56	1 32	22 35	0 39	20 19	0 23	23 25	0 18	11 27	1 40	22 1	9 5	1 17	1 48	8 7	15 52	7 8			
F 27	21 5	24 31	4 30	23 50	1 29	8 48	0 48	15 41	1 31	22 35	0 39	20 18	0 24	23 25	0 18	11 27	1 40	22 1	9 4	1 20	1 50	8 10	15 52	7 9			
S 28	21 16	27 25	4 56	24 6	1 34	8 52	0 56	15 25	1 29	22 34	0 38	20 17	0 24	23 25	0 18	11 28	1 40	22 0	9 4	1 25	1 51	8 13	15 52	7 9			
S 29	21 26	28 26	5 2	24 21	1 39	8 56	1 5	15 10	1 28	22 34	0 38	20 16	0 24	23 25	0 18	11 28	1 40	22 0	9 4	1 29	1 52	8 17	15 51	7 10			
M30	21s36	27s34	4s49	24s35	1s44	9s 1	1n13	14s54	1s26	22n34	0s38	20s14	0s24	23n25	0n18	11s29	1n40	22s 0	9s 4	1s33	1s54	8n20	15n51	7s10			

ASTRODIENST EPHEMERIS for the year 2285

geocentric

DECEMBER 2285

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 34	8°57'27	26°38	19°32	26°58	24°37	22°R27	1°19	8°R41	4°M41	24°7	25°R56	25°11	16°Y54	10°R18	T 1
W 2	4 44 30	9°58'11	9°32	21° 4	27°36	25°20	22°II19	1°24	8°39	4°43	24° 8	25°K50	25° 8	17° 0	10°315	W 2
T 3	4 48 27	10°58'56	22°11	22°35	28°16	26° 4	22°11	1°30	8°37	4°45	24° 9	25°46	25° 4	17° 7	10°12	T 3
F 4	4 52 23	11°59'41	4°29	24° 7	28°56	26°48	22° 3	1°35	8°35	4°47	24° 9	25°45	25° 1	17°13	10° 8	F 4
S 5	4 56 20	13° 0'28	16°32	25°38	29°38	27°31	21°55	1°40	8°33	4°49	24°10	25°D44	24°58	17°20	10° 5	S 5
S 6	5 0 16	14° 1'16	28°24	27° 9	0°M20	28°15	21°47	1°46	8°30	4°51	24°11	25°R44	24°55	17°27	10° 2	S 6
M 7	5 4 13	15° 2'04	10°Y11	28°40	1° 4	28°59	21°39	1°52	8°28	4°52	24°12	25°44	24°52	17°33	9°58	M 7
T 8	5 8 10	16° 2'53	21°59	0°311	1°49	29°43	21°31	1°57	8°26	4°54	24°12	25°41	24°49	17°40	9°55	T 8
W 9	5 12 6	17° 3'44	3°53	1°41	2°35	0°K26	21°23	2° 3	8°23	4°56	24°13	25°36	24°45	17°47	9°51	W 9
T 10	5 16 3	18° 4'35	15°55	3°11	3°22	1°10	21°15	2° 9	8°21	4°58	24°14	25°27	24°42	17°53	9°48	T 10
F 11	5 19 59	19° 5'27	28° 9	4°40	4°10	1°54	21° 7	2°14	8°19	4°59	24°15	25°16	24°39	18° 0	9°44	F 11
S 12	5 23 56	20° 6'20	10°II36	6° 9	4°58	2°38	20°58	2°20	8°16	5° 1	24°16	25° 3	24°36	18° 7	9°40	S 12
S 13	5 27 52	21° 7'14	23°17	7°38	5°48	3°22	20°50	2°26	8°14	5° 3	24°17	24°49	24°33	18°13	9°37	S 13
M14	5 31 49	22° 8'09	6°31	9° 5	6°38	4° 6	20°42	2°32	8°12	5° 5	24°18	24°35	24°29	18°20	9°33	M14
T 15	5 35 45	23° 9'05	19°18	10°32	7°29	4°50	20°34	2°38	8° 9	5° 6	24°19	24°23	24°26	18°27	9°29	T 15
W16	5 39 42	24°10'02	2°36	11°58	8°21	5°34	20°26	2°44	8° 7	5° 8	24°20	24°13	24°23	18°33	9°26	W16
T 17	5 43 39	25°11'01	16° 3	13°23	9°14	6°18	20°18	2°50	8° 4	5° 9	24°21	24° 6	24°20	18°40	9°22	T 17
F 18	5 47 35	26°12'00	29°40	14°46	10° 7	7° 2	20°10	2°56	8° 2	5°11	24°22	24° 3	24°17	18°47	9°18	F 18
S 19	5 51 32	27°13'00	13°II26	16° 8	11° 1	7°46	20° 1	3° 3	7°59	5°13	24°23	24° 1	24°14	18°53	9°14	S 19
S 20	5 55 28	28°14'01	27°21	17°28	11°56	8°30	19°53	3° 9	7°57	5°14	24°24	24° 1	24°10	19° 0	9°10	S 20
M21	5 59 25	29°15'03	11°326	18°45	12°52	9°14	19°45	3°15	7°54	5°16	24°25	24° 1	24° 7	19° 7	9° 6	M21
T 22	6 3 21	0°316'06	25°39	20° 0	13°48	9°58	19°38	3°21	7°51	5°17	24°26	23°59	24° 4	19°13	9° 2	T 22
W23	6 7 18	1°17'10	9°M59	21°12	14°44	10°42	19°30	3°28	7°49	5°19	24°28	23°55	24° 1	19°20	8°58	W23
T 24	6 11 14	2°18'15	24°23	22°21	15°41	11°26	19°22	3°34	7°46	5°20	24°29	23°47	23°58	19°27	8°54	T 24
F 25	6 15 11	3°19'21	8°K46	23°25	16°39	12°10	19°14	3°41	7°44	5°21	24°30	23°37	23°55	19°33	8°50	F 25
S 26	6 19 8	4°20'28	23° 3	24°25	17°37	12°54	19° 7	3°47	7°41	5°23	24°31	23°26	23°51	19°40	8°47	S 26
S 27	6 23 4	5°21'35	7°3 6	25°19	18°36	13°39	18°59	3°54	7°39	5°24	24°32	23°13	23°48	19°47	8°43	S 27
M28	6 27 1	6°22'43	20°52	26° 7	19°35	14°23	18°51	4° 0	7°36	5°25	24°34	23° 1	23°45	19°53	8°39	M28
T 29	6 30 57	7°23'50	4°17	26°48	20°35	15° 7	18°44	4° 7	7°33	5°27	24°35	22°51	23°42	20° 0	8°35	T 29
W30	6 34 54	8°24'59	17°18	27°21	21°35	15°51	18°37	4°14	7°31	5°28	24°36	22°43	23°39	20° 7	8°30	W30
T 31	6 38 50	9°26'07	29°357	27°345	22°M35	16°K35	18°II30	4°20	7°28	5°M29	24°38	22°K38	23°K35	20°Y13	8°26	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	21s46	25s 6	4s21	24s47	1s48	9s 7	1n21	14s38	1s25	22n33	0s38	20s13	0s24	23n25	0n18	11s30	T 1
W 2	21 55	21 22	3 39	24 58	1 52	9 14	1 28	14 22	1 24	22 33	0 38	20 12	0 24	23 25	0 18	11 30	W 2
T 3	22 3	16 45	2 48	25 8	1 57	9 21	1 36	14 6	1 22	22 33	0 38	20 11	0 24	23 26	0 18	11 31	T 3
F 4	22 12	11 34	1 50	25 17	2 0	9 29	1 43	13 50	1 21	22 32	0 38	20 10	0 24	23 26	0 18	11 32	F 4
S 5	22 20	6 3	0 49	25 24	2 4	9 37	1 49	13 34	1 20	22 32	0 38	20 9	0 24	23 26	0 18	11 32	S 5
S 6	22 27	0 25	0n14	25 30	2 7	9 46	1 56	13 17	1 18	22 31	0 38	20 8	0 24	23 26	0 18	11 33	S 6
M 7	22 34	5n12	1 16	25 34	2 10	9 56	2 2	13 1	1 17	22 31	0 37	20 6	0 24	23 26	0 18	11 33	M 7
T 8	22 40	10 38	2 14	25 37	2 13	10 6	2 8	12 44	1 15	22 31	0 37	20 5	0 24	23 26	0 18	11 34	T 8
W 9	22 47	15 44	3 7	25 38	2 15	10 16	2 13	12 27	1 14	22 30	0 37	20 4	0 24	23 27	0 18	11 34	W 9
T 10	22 52	20 17	3 52	25 39	2 17	10 27	2 18	12 11	1 13	22 30	0 37	20 3	0 24	23 27	0 18	11 35	T 10
F 11	22 57	24 4	4 27	25 37	2 18	10 38	2 23	11 54	1 11	22 29	0 37	20 1	0 24	23 27	0 18	11 35	F 11
S 12	23 2	26 48	4 50	25 35	2 19	10 50	2 28	11 37	1 10	22 29	0 37	20 0	0 24	23 27	0 18	11 36	S 12
S 13	23 6	28 13	5 0	25 30	2 20	11 2	2 33	11 20	1 9	22 29	0 37	19 59	0 24	23 27	0 18	11 36	S 13
M14	23 10	28 9	4 54	25 25	2 20	11 14	2 37	11 2	1 7	22 28	0 37	19 58	0 24	23 27	0 18	11 37	M14
T 15	23 14	26 31	4 32	25 18	2 19	11 27	2 41	10 45	1 6	22 28	0 36	19 56	0 24	23 28	0 18	11 38	T 15
W16	23 17	23 23	3 56	25 10	2 18	11 40	2 45	10 28	1 5	22 27	0 36	19 55	0 24	23 28	0 18	11 38	W16
T 17	23 19	18 57	3 6	25 0	2 17	11 54	2 48	10 10	1 3	22 27	0 36	19 54	0 24	23 28	0 18	11 39	T 17
F 18	23 21	13 31	2 5	24 49	2 14	12 7	2 51	9 53	1 2	22 26	0 36	19 52	0 24	23 28	0 18	11 39	F 18
S 19	23 23	7 21	0 56	24 36	2 11	12 21	2 54	9 35	1 1	22 26	0 36	19 51	0 25	23 28	0 18	11 39	S 19
S 20	23 24	0 47	0s18	24 23	2 8	12 35	2 57	9 18	1 0	22 26	0 36	19 49	0 25	23 28	0 18	11 40	S 20
M21	23 24	5s54	1 31	24 8	2 3	12 49	3 0	9 0	0 58	22 25	0 36	19 48	0 25	23 29	0 18	11 40	M21
T 22	23 24	12 22	2 39	23 52	1 58	13 3	3 2	8 42	0 57	22 25	0 35	19 47	0 25	23 29	0 18	11 41	T 22
W23	23 24	18 13	3 37	23 35	1 52	13 18	3 4	8 24	0 56	22 24	0 35	19 45	0 25	23 29	0 18	11 41	W23
T 24	23 23	23 4	4 22	23 17	1 45	13 32	3 6	8 6	0 54	22 24	0 35	19 44	0 25	23 29	0 18	11 42	T 24
F 25	23 22	26 31	4 51	22 58	1 37	13 47	3 8	7 48	0 53	22 23	0 35	19 42	0 25	23 29	0 18	11 42	F 25
S 26	23 20	28 13	5 0	22 39	1 28	14 1	3 10	7 30	0 52	22 23	0 35	19 41	0 25	23 29	0 18	11 42	S 26
S 27	23 18	28 4	4 52	22 19	1 18	14 16	3 11	7 12	0 51	22 22	0 35	19 39	0 25	23 30	0 18	11 43	S 27
M28	23 15	26 10	4 26	21 59	1 6	14 31	3 13	6 54	0 50	22 22	0 34	19 38	0 25	23 30	0 18	11 43	M28
T 29	23 12	22 50	3 46	21 39	0 54	14 45	3 14	6 36	0 48	22 22	0 34	19 36	0 25	23 30	0 19	11 44	T 29
W30	23 8	18 25	2 56	21 19	0 40	15 0	3 14	6 18	0 47	22 21	0 34	19 35	0 25	23 30	0 19	11 44	W30
T 31	23s 4	13s18	1s57	21s 0	0s25	15s15	3n15	5s59	0s46	22n21	0s34	19s33	0s25	23n30	0n19	11s44	T 31

Julian Day Number = 2555973.5, Delta T = 273.32 sec

Ecliptic obliquity = 23°24'16, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°44'12, Lahiri = 27°51'12