



# Astrodienst Ephemeris Tables for the year 2257

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 2257

## geocentric

JANUARY 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 52	10°32'40	2°34	6°55	29°R37	1°55	3°7	8°47	7°20	2°R18	4°40	14°R43	14°25	10°26	18°9	T 1
F 2	6 46 49	11°30'47	17°58	8°30	29°316	2°36	3°20	8°53	7°22	2°17	4°42	14°31	14°22	10°33	18°13	F 2
S 3	6 50 46	12°31'53	3°16	10° 5	28°53	3°16	3°34	9° 0	7°24	2°17	4°44	14°20	14°19	10°40	18°17	S 3
S 4	6 54 42	13°33'01	18°17	11°41	28°27	3°57	3°48	9° 6	7°27	2°16	4°46	14°10	14°16	10°47	18°21	S 4
M 5	6 58 39	14°34'08	2°15	13°17	27°59	4°38	4° 1	9°13	7°29	2°15	4°48	14° 3	14°13	10°53	18°25	M 5
T 6	7 2 35	15°35'16	17° 1	14°53	27°30	5°18	4°15	9°20	7°31	2°14	4°51	13°59	14° 9	11° 0	18°29	T 6
W 7	7 6 32	16°36'24	0°39	16°29	26°59	5°59	4°28	9°27	7°34	2°13	4°53	13°57	14° 6	11° 7	18°33	W 7
T 8	7 10 28	17°37'32	13°48	18° 6	26°26	6°40	4°42	9°33	7°36	2°11	4°55	13°57	14° 3	11°14	18°38	T 8
F 9	7 14 25	18°38'41	26°33	19°44	25°52	7°21	4°55	9°40	7°39	2°10	4°57	13°57	14° 0	11°20	18°42	F 9
S 10	7 18 21	19°39'50	8°59	21°21	25°17	8° 1	5° 9	9°47	7°41	2° 9	4°59	13°56	13°57	11°27	18°46	S 10
S 11	7 22 18	20°40'59	21°11	22°59	24°42	8°42	5°23	9°54	7°44	2° 8	5° 1	13°53	13°54	11°34	18°50	S 11
M12	7 26 15	21°42'08	3°12	24°38	24° 5	9°23	5°36	10° 1	7°47	2° 7	5° 3	13°46	13°50	11°40	18°55	M12
T 13	7 30 11	22°43'17	15° 8	26°17	23°29	10° 4	5°49	10° 8	7°49	2° 6	5° 6	13°37	13°47	11°47	18°59	T 13
W14	7 34 8	23°44'27	27° 0	27°56	22°52	10°45	6° 3	10°15	7°52	2° 5	5° 8	13°25	13°44	11°54	19° 4	W14
T 15	7 38 4	24°45'36	8°51	29°36	22°15	11°26	6°16	10°22	7°55	2° 3	5°10	13°11	13°41	12° 1	19° 8	T 15
F 16	7 42 1	25°46'45	20°44	1°16	21°39	12° 6	6°30	10°29	7°57	2° 2	5°12	12°56	13°38	12° 7	19°12	F 16
S 17	7 45 57	26°47'54	2°38	2°56	21° 4	12°47	6°43	10°36	8° 0	2° 1	5°14	12°42	13°34	12°14	19°17	S 17
S 18	7 49 54	27°49'02	14°36	4°37	20°29	13°28	6°56	10°43	8° 3	1°59	5°16	12°29	13°31	12°21	19°21	S 18
M19	7 53 50	28°50'10	26°39	6°18	19°56	14° 9	7°10	10°50	8° 6	1°58	5°18	12°18	13°28	12°27	19°26	M19
T 20	7 57 47	29°51'17	8°49	7°59	19°24	14°50	7°23	10°57	8° 9	1°57	5°20	12°10	13°25	12°34	19°30	T 20
W21	8 1 44	0°52'23	21° 7	9°41	18°53	15°31	7°36	11° 4	8°12	1°55	5°22	12° 6	13°22	12°41	19°35	W21
T 22	8 5 40	1°53'29	3°36	11°22	18°25	16°12	7°49	11°11	8°14	1°54	5°24	12° 4	13°19	12°48	19°40	T 22
F 23	8 9 37	2°54'34	16°21	13° 4	17°58	16°53	8° 2	11°18	8°17	1°53	5°26	12°D 3	13°15	12°54	19°44	F 23
S 24	8 13 33	3°55'38	29°25	14°46	17°33	17°34	8°15	11°25	8°20	1°51	5°28	12°R 4	13°12	13° 1	19°49	S 24
S 25	8 17 30	4°56'42	12°51	16°28	17°10	18°16	8°28	11°32	8°23	1°50	5°30	12° 4	13° 9	13° 8	19°53	S 25
M26	8 21 26	5°57'44	26°43	18° 9	16°50	18°57	8°41	11°39	8°26	1°48	5°32	12° 2	13° 6	13°15	19°58	M26
T 27	8 25 23	6°58'46	11°1	19°50	16°31	19°38	8°54	11°46	8°29	1°47	5°34	11°58	13° 3	13°21	20° 3	T 27
W28	8 29 19	7°59'46	25°43	21°30	16°16	20°19	9° 7	11°54	8°32	1°45	5°36	11°51	13° 0	13°28	20° 7	W28
T 29	8 33 16	9° 0'46	10°45	23°10	16° 2	21° 0	9°20	12° 1	8°36	1°44	5°38	11°42	12°56	13°35	20°12	T 29
F 30	8 37 13	10° 1'44	25°58	24°48	15°52	21°41	9°33	12° 8	8°39	1°42	5°40	11°32	12°53	13°41	20°17	F 30
S 31	8 41 9	11°2'42	11°11	26°25	15°34	22°23	9°46	12°15	8°42	1°41	5°42	11°23	12°50	13°48	20°21	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	22s59	18n29	4s53	24s37	1s24	18s10	2n 5	20s14	0n17	23s 9	0n13	18s38	0s37	9s30	0s45	11n 6
F 2	22 54	17 15	4 59	24 36	1 29	17 59	2 20	20 23	0 16	23 9	0 13	18 36	0 37	9 29	0 45	11 6
S 3	22 49	14 47	4 44	24 34	1 33	17 49	2 36	20 31	0 16	23 9	0 13	18 34	0 37	9 29	0 45	11 7
S 4	22 43	11 22	4 9	24 31	1 37	17 39	2 51	20 40	0 15	23 8	0 13	18 33	0 37	9 28	0 45	11 7
M 5	22 37	7 20	3 19	24 26	1 42	17 29	3 7	20 48	0 14	23 8	0 13	18 31	0 37	9 27	0 45	11 8
T 6	22 30	3 1	2 17	24 19	1 45	17 19	3 23	20 56	0 14	23 8	0 12	18 29	0 37	9 26	0 45	11 8
W 7	22 22	1s19	1 10	24 11	1 49	17 10	3 38	21 3	0 13	23 7	0 12	18 28	0 37	9 25	0 45	11 8
T 8	22 15	5 27	0 1	24 2	1 52	17 1	3 53	21 11	0 12	23 7	0 12	18 26	0 37	9 24	0 45	11 9
F 9	22 6	9 12	1n 6	23 51	1 55	16 52	4 8	21 18	0 12	23 7	0 12	18 24	0 37	9 23	0 45	11 9
S 10	21 58	12 27	2 8	23 39	1 58	16 44	4 23	21 26	0 11	23 6	0 12	18 22	0 37	9 22	0 45	11 10
S 11	21 49	15 5	3 3	23 26	2 0	16 36	4 37	21 33	0 11	23 6	0 12	18 20	0 37	9 21	0 45	11 10
M12	21 39	17 1	3 49	23 10	2 2	16 29	4 51	21 40	0 10	23 5	0 12	18 19	0 37	9 20	0 45	11 10
T 13	21 30	18 12	4 24	22 54	2 4	16 22	5 4	21 46	0 9	23 5	0 12	18 17	0 37	9 19	0 45	11 11
W14	21 19	18 34	4 48	22 36	2 5	16 16	5 17	21 53	0 9	23 4	0 12	18 15	0 37	9 18	0 45	11 11
T 15	21 9	18 8	4 59	22 16	2 6	16 9	5 29	21 59	0 8	23 4	0 12	18 13	0 38	9 17	0 45	11 12
F 16	20 57	16 55	4 57	21 55	2 7	16 4	5 40	22 5	0 7	23 3	0 12	18 11	0 38	9 16	0 45	11 12
S 17	20 46	14 57	4 42	21 32	2 7	15 59	5 51	22 11	0 7	23 2	0 12	18 9	0 38	9 15	0 45	11 13
S 18	20 34	12 22	4 15	21 8	2 7	15 54	6 1	22 17	0 6	23 2	0 11	18 8	0 38	9 14	0 45	11 13
M19	20 22	9 14	3 36	20 42	2 6	15 50	6 10	22 23	0 5	23 1	0 11	18 6	0 38	9 13	0 45	11 14
T 20	20 9	5 41	2 47	20 15	2 4	15 46	6 18	22 28	0 4	23 1	0 11	18 4	0 38	9 12	0 45	11 14
W21	19 56	1 51	1 49	19 46	2 3	15 42	6 26	22 33	0 4	23 0	0 11	18 2	0 38	9 11	0 45	11 15
T 22	19 43	2n 7	0 45	19 16	2 0	15 40	6 32	22 38	0 3	22 59	0 11	18 0	0 38	9 9	0 45	11 15
F 23	19 29	6 4	0s23	18 45	1 57	15 37	6 38	22 43	0 2	22 59	0 11	17 58	0 38	9 8	0 45	11 16
S 24	19 15	9 50	1 31	18 12	1 54	15 35	6 43	22 48	0 2	22 58	0 11	17 56	0 38	9 7	0 45	11 16
S 25	19 0	13 12	2 36	17 37	1 50	15 34	6 48	22 52	0 1	22 57	0 11	17 54	0 38	9 6	0 45	11 17
M26	18 45	15 55	3 34	17 2	1 45	15 33	6 51	22 56	0 0	22 56	0 11	17 52	0 38	9 5	0 45	11 17
T 27	18 30	17 45	4 21	16 25	1 40	15 32	6 54	23 1	0s 1	22 56	0 11	17 51	0 38	9 4	0 45	11 18
W28	18 14	18 29	4 52	15 47	1 33	15 32	6 56	23 4	0 1	22 55	0 11	17 49	0 38	9 3	0 45	11 19
T 29	17 59	17 56	5 3	15 8	1 27	15 32	6 58	23 8	0 2	22 54	0 11	17 47	0 38	9 1	0 44	11 19
F 30	17 42	16 6	4 54	14 29	1 19	15 32	6 58	23 11	0 3	22 53	0 10	17 45	0 38	9 0	0 44	11 20
S 31	17s26	13n10	4s24	13s48	1s11	15s33	6n59	23s15	0s 4	22s52	0n10	17s43	0s38	8s59	0s44	11n20

Julian Day Number = 2545412.5, Delta T = 229.93 sec  
 Ecliptic obliquity = 23°24'11, Nutation = 0°00'05, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 28°19'56, Lahiri = 27°26'57

ASTRODIENST EPHEMERIS for the year 2257  
geocentric

FEBRUARY 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 6	12♈ 3'39	26♏13	27♈59	15°R37	23♈ 4	9♈58	12♈22	8♈45	1°R39	5♈44	11°R15	12♏47	13♈55	20♈26	S 1
M 2	8 49 2	13° 4'34	10♏55	29°32	15♈34	23°45	10°11	12°29	8°48	1♏38	5°45	11♏ 9	12°44	14° 2	20°31	M 2
T 3	8 52 59	14° 5'30	25°12	1♈ 1	15°D33	24°27	10°24	12°36	8°51	1°36	5°47	11° 5	12°40	14° 8	20°35	T 3
W 4	8 56 55	15° 6'24	8♏59	2°28	15°35	25° 8	10°36	12°44	8°55	1°34	5°49	11°D 4	12°37	14°15	20°40	W 4
T 5	9 0 52	16° 7'17	22°17	3°50	15°39	25°49	10°49	12°51	8°58	1°33	5°51	11° 4	12°34	14°22	20°45	T 5
F 6	9 4 48	17° 8'10	5♏10	5° 8	15°45	26°31	11° 1	12°58	9° 1	1°31	5°53	11° 5	12°31	14°28	20°50	F 6
S 7	9 8 45	18° 9'03	17°40	6°20	15°54	27°12	11°13	13° 5	9° 4	1°30	5°54	11°R 6	12°28	14°35	20°54	S 7
S 8	9 12 42	19° 9'54	29°54	7°26	16° 4	27°53	11°26	13°12	9° 8	1°28	5°56	11° 5	12°25	14°42	20°59	S 8
M 9	9 16 38	20°10'44	11♈55	8°25	16°18	28°35	11°38	13°19	9°11	1°26	5°58	11° 3	12°21	14°49	21° 4	M 9
T 10	9 20 35	21°11'34	23°49	9°17	16°33	29°16	11°50	13°26	9°14	1°25	5°59	10°58	12°18	14°55	21° 9	T 10
W11	9 24 31	22°12'23	5♈40	10° 0	16°50	29°58	12° 2	13°34	9°18	1°23	6° 1	10°51	12°15	15° 2	21°13	W11
T 12	9 28 28	23°13'10	17°31	10°34	17° 9	0♈39	12°14	13°41	9°21	1°21	6° 3	10°42	12°12	15° 9	21°18	T 12
F 13	9 32 24	24°13'57	29°25	10°58	17°30	1°21	12°26	13°48	9°24	1°20	6° 4	10°33	12° 9	15°16	21°23	F 13
S 14	9 36 21	25°14'42	11♈25	11°12	17°53	2° 3	12°38	13°55	9°28	1°18	6° 6	10°23	12° 6	15°22	21°27	S 14
S 15	9 40 17	26°15'27	23°31	11°R15	18°18	2°44	12°50	14° 2	9°31	1°16	6° 8	10°15	12° 2	15°29	21°32	S 15
M16	9 44 14	27°16'09	5♈45	11° 7	18°44	3°26	13° 1	14° 9	9°34	1°15	6° 9	10° 8	11°59	15°36	21°37	M16
T 17	9 48 11	28°16'51	18° 8	10°49	19°13	4° 7	13°13	14°16	9°38	1°13	6°11	10° 4	11°56	15°42	21°42	T 17
W18	9 52 7	29°17'31	0♈41	10°21	19°42	4°49	13°25	14°23	9°41	1°11	6°12	10° 1	11°53	15°49	21°46	W18
T 19	9 56 4	0♈18'09	13°25	9°43	20°13	5°31	13°36	14°30	9°45	1°10	6°14	10°D 1	11°50	15°56	21°51	T 19
F 20	10 0 0	1°18'46	26°22	8°56	20°46	6°12	13°47	14°37	9°48	1° 8	6°15	10° 2	11°46	16° 3	21°56	F 20
S 21	10 3 57	2°19'21	9♈34	8° 2	21°20	6°54	13°59	14°44	9°51	1° 6	6°16	10° 4	11°43	16° 9	22° 0	S 21
S 22	10 7 53	3°19'54	23° 2	7° 2	21°56	7°36	14°10	14°51	9°55	1° 5	6°18	10° 5	11°40	16°16	22° 5	S 22
M23	10 11 50	4°20'26	6♏49	5°58	22°32	8°17	14°21	14°58	9°58	1° 3	6°19	10°R 5	11°37	16°23	22°10	M23
T 24	10 15 46	5°20'55	20°54	4°52	23°10	8°59	14°32	15° 4	10° 2	1° 1	6°21	10° 4	11°34	16°30	22°14	T 24
W25	10 19 43	6°21'23	5♈17	3°45	23°50	9°41	14°43	15°11	10° 5	0°59	6°22	10° 2	11°31	16°36	22°19	W25
T 26	10 23 40	7°21'49	19°55	2°38	24°30	10°23	14°54	15°18	10° 9	0°58	6°23	9°58	11°27	16°43	22°23	T 26
F 27	10 27 36	8°22'13	4♏43	1°34	25°12	11° 5	15° 5	15°25	10°12	0°56	6°24	9°53	11°24	16°50	22°28	F 27
S 28	10 31 33	9♈22'36	19♏32	0♈34	25♈54	11♈46	15♈16	15♈32	10♈15	0♏54	6♈26	9♏48	11♏21	16♈56	22♈33	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
S 1	17s 9	9n23	3s36	13s 7	1s 1	15s34	6n58	23s18	0s 4	22s51	0n10	17s41	0s39	8s58	0s44	11n21	0n31	17s40	5n37	4s27	5s 2	17s34	8s46	6n12	
M 2	16 52	5 5	2 34	12 25	0 51	15 35	6 57	23 20	0 5	22 51	0 10	17 39	0 39	8 57	0 44	11 21	0 31	17 40	5 37	4 24	5 1	17 33	8 44	6 12	
T 3	16 35	0 37	1 24	11 44	0 41	15 37	6 56	23 23	0 6	22 50	0 10	17 37	0 39	8 55	0 44	11 22	0 31	17 40	5 37	4 23	5 0	17 32	8 43	6 12	
W 4	16 17	3s44	0 11	11 2	0 29	15 38	6 54	23 25	0 7	22 49	0 10	17 35	0 39	8 54	0 44	11 23	0 31	17 40	5 37	4 22	4 59	17 32	8 41	6 12	
T 5	15 59	7 44	1n 0	10 21	0 17	15 40	6 52	23 28	0 7	22 48	0 10	17 33	0 39	8 53	0 44	11 23	0 31	17 40	5 37	4 23	4 58	17 31	8 40	6 12	
F 6	15 41	11 15	2 6	9 40	0 3	15 42	6 49	23 30	0 8	22 47	0 10	17 31	0 39	8 52	0 44	11 24	0 31	17 39	5 37	4 23	4 56	17 30	8 39	6 12	
S 7	15 22	14 8	3 3	9 1	0n11	15 45	6 46	23 31	0 9	22 46	0 10	17 29	0 39	8 51	0 44	11 24	0 31	17 39	5 37	4 23	4 55	17 30	8 37	6 12	
S 8	15 3	16 19	3 52	8 23	0 25	15 47	6 42	23 33	0 10	22 45	0 10	17 27	0 39	8 49	0 44	11 25	0 31	17 39	5 37	4 23	4 54	17 29	8 36	6 12	
M 9	14 44	17 45	4 28	7 46	0 41	15 49	6 38	23 34	0 11	22 44	0 10	17 25	0 39	8 48	0 44	11 25	0 31	17 39	5 37	4 22	4 53	17 28	8 34	6 12	
T 10	14 25	18 22	4 53	7 12	0 56	15 52	6 34	23 36	0 11	22 43	0 10	17 23	0 39	8 47	0 44	11 26	0 31	17 39	5 37	4 20	4 51	17 28	8 33	6 12	
W11	14 5	18 12	5 6	6 41	1 13	15 54	6 29	23 36	0 12	22 42	0 10	17 21	0 39	8 45	0 44	11 27	0 31	17 39	5 37	4 17	4 50	17 27	8 32	6 12	
T 12	13 45	17 13	5 5	6 13	1 29	15 57	6 25	23 37	0 13	22 41	0 9	17 19	0 39	8 44	0 44	11 27	0 31	17 39	5 37	4 14	4 49	17 26	8 30	6 12	
F 13	13 25	15 30	4 51	5 49	1 46	15 59	6 20	23 38	0 14	22 40	0 9	17 17	0 39	8 43	0 44	11 28	0 31	17 39	5 37	4 10	4 48	17 26	8 29	6 12	
S 14	13 5	13 6	4 24	5 28	2 2	16 1	6 14	23 38	0 15	22 39	0 9	17 15	0 40	8 42	0 44	11 28	0 31	17 39	5 37	4 6	4 46	17 25	8 27	6 12	
S 15	12 45	10 7	3 45	5 12	2 18	16 3	6 9	23 38	0 16	22 38	0 9	17 14	0 40	8 40	0 44	11 29	0 31	17 39	5 37	4 3	4 45	17 24	8 26	6 12	
M16	12 24	6 41	2 55	5 1	2 33	16 6	6 3	23 38	0 16	22 37	0 9	17 12	0 40	8 39	0 44	11 30	0 31	17 38	5 38	4 1	4 44	17 23	8 24	6 12	
T 17	12 3	2 54	1 56	4 54	2 48	16 8	5 58	23 38	0 17	22 36	0 9	17 10	0 40	8 38	0 44	11 30	0 31	17 38	5 38	3 59	4 43	17 23	8 23	6 12	
W18	11 42	1n 3	0 50	4 53	3 1	16 9	5 52	23 37	0 18	22 35	0 9	17 8	0 40	8 37	0 44	11 31	0 31	17 38	5 38	3 58	4 41	17 22	8 21	6 12	
T 19	11 21	5 0	0s19	4 56	3 13	16 11	5 46	23 36	0 19	22 34	0 9	17 6	0 40	8 35	0 44	11 32	0 31	17 38	5 38	3 58	4 40	17 21	8 20	6 12	
F 20	11 0	8 48	1 28	5 4	3 23	16 13	5 39	23 35	0 20	22 33	0 9	17 4	0 40	8 34	0 44	11 32	0 31	17 38	5 38	3 58	4 39	17 21	8 18	6 12	
S 21	10 38	12 13	2 34	5 16	3 31	16 14	5 33	23 34	0 21	22 32	0 9	17 2	0 40	8 33	0 44	11 33	0 31	17 38	5 38	3 59	4 38	17 20	8 17	6 12	
S 22	10 16	15 4	3 33	5 33	3 37	16 15	5 27	23 33	0 22	22 30	0 9	17 0	0 40	8 31	0 44	11 33	0 31	17 38	5 38	3 59	4 36	17 19	8 15	6 12	
M23	9 54	17 8	4 21	5 53	3 41	16 16	5 20	23 31	0 23	22 29	0 9	16 58	0 40	8 30	0 44	11 34	0 31	17 38	5 38	3 59	4 35	17 19	8 14	6 12	
T 24	9 32	18 12	4 55	6 15	3 43	16 16	5 13	23 29	0 23	22 28	0 8	16 56	0 40	8 29	0 44	11 35	0 31	17 38	5 38	3 59	4 34	17 18	8 12	6 12	
W25	9 10	18 7	5 11	6 40	3 42	16 16	5 7	23 27	0 24	22 27	0 8	16 54	0 40	8 27	0 44	11 35	0 31	17 37	5 38	3 58	4 33	17 17	8 11	6 12	
T 26	8 48	16 52	5 7	7 7	3 39	16 16	5 0	23 25	0 25	22 26	0 8	16 52	0 41	8 26	0 44	11 36	0 31	17 37	5 38	3 56	4 31	17 16	8 9	6 12	
F 27	8 25	14 28	4 43	7 34	3 34	16 16	4 53	23 23	0 26	22 25	0 8	16 50	0 41	8 25	0 44	11 36	0 31	17 37	5 38	3 55	4 30	17 16	8 8	6 12	
S 28	8s 3	11n 8	4s 0	8s 2	3n27	16s15	4n46	23s20	0s27	22s24	0n 8	16s48	0s41	8s24	0s44	11n37	0n31	17s37	5n38	3s53	4s29	17s15	8s 6	6n12	

Julian Day Number = 2545443.5, Delta T = 230.05 sec  
Ecliptic obliquity = 23°24'12, Nutation = 0°00'06, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 28°20'00, Lahiri = 27°27'01

# ASTRODIENST EPHEMERIS for the year 2257

## geocentric

MARCH 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 29	10♌22'56	4♍16	29°R39	26♌38	12♌28	15♌26	15♌38	10♌19	0°R53	6♌27	9°R44	11♌18	17♌3	22♌37	S 1
M 2	10 39 26	11°23'15	18°47	28♌50	27°22	13°10	15°37	15°45	10°22	0♍51	6°28	9♌42	11°15	17°10	22°42	M 2
T 3	10 43 22	12°23'32	2♌58	28° 7	28° 8	13°52	15°47	15°52	10°26	0°50	6°29	9°D40	11°11	17°17	22°46	T 3
W 4	10 47 19	13°23'47	16°45	27°31	28°54	14°34	15°57	15°58	10°29	0°48	6°30	9°40	11° 8	17°23	22°51	W 4
T 5	10 51 15	14°24'01	0♍ 8	27° 2	29°42	15°16	16° 7	16° 5	10°33	0°46	6°31	9°41	11° 5	17°30	22°55	T 5
F 6	10 55 12	15°24'14	13° 6	26°41	0♌30	15°58	16°18	16°12	10°36	0°45	6°32	9°43	11° 2	17°37	23° 0	F 6
S 7	10 59 9	16°24'25	25°43	26°26	1°19	16°40	16°28	16°18	10°40	0°43	6°34	9°45	10°59	17°43	23° 4	S 7
S 8	11 3 5	17°24'34	8♌ 1	26°18	2° 9	17°22	16°37	16°25	10°43	0°41	6°35	9°46	10°56	17°50	23° 9	S 8
M 9	11 7 2	18°24'42	20° 6	26°D17	3° 0	18° 4	16°47	16°31	10°46	0°40	6°36	9°R46	10°52	17°57	23°13	M 9
T 10	11 10 58	19°24'48	2♌ 3	26°22	3°51	18°46	16°57	16°38	10°50	0°38	6°36	9°45	10°49	18° 4	23°17	T 10
W11	11 14 55	20°24'53	13°55	26°34	4°43	19°28	17° 6	16°44	10°53	0°37	6°37	9°44	10°46	18°10	23°22	W11
T 12	11 18 51	21°24'56	25°47	26°51	5°35	20°10	17°16	16°50	10°57	0°35	6°38	9°42	10°43	18°17	23°26	T 12
F 13	11 22 48	22°24'58	7♌44	27°13	6°29	20°52	17°25	16°56	11° 0	0°34	6°39	9°39	10°40	18°24	23°30	F 13
S 14	11 26 44	23°24'58	19°48	27°40	7°23	21°34	17°34	17° 3	11° 4	0°32	6°40	9°36	10°37	18°31	23°34	S 14
S 15	11 30 41	24°24'56	2♌ 2	28°12	8°17	22°16	17°43	17° 9	11° 7	0°31	6°41	9°34	10°33	18°37	23°39	S 15
M16	11 34 37	25°24'52	14°28	28°49	9°12	22°58	17°52	17°15	11°10	0°29	6°42	9°32	10°30	18°44	23°43	M16
T 17	11 38 34	26°24'46	27° 7	29°29	10° 8	23°40	18° 1	17°21	11°14	0°28	6°42	9°31	10°27	18°51	23°47	T 17
W18	11 42 31	27°24'39	10♍ 0	0♌14	11° 4	24°23	18°10	17°27	11°17	0°26	6°43	9°D31	10°24	18°57	23°51	W18
T 19	11 46 27	28°24'29	23° 6	1° 1	12° 0	25° 5	18°18	17°33	11°20	0°25	6°44	9°31	10°21	19° 4	23°55	T 19
F 20	11 50 24	29°24'17	6♌26	1°53	12°58	25°47	18°27	17°39	11°24	0°23	6°44	9°32	10°17	19°11	23°59	F 20
S 21	11 54 20	0♍24'03	19°58	2°47	13°55	26°29	18°35	17°45	11°27	0°22	6°45	9°32	10°14	19°18	24° 3	S 21
S 22	11 58 17	1°23'48	3♌42	3°44	14°53	27°11	18°43	17°51	11°30	0°20	6°45	9°33	10°11	19°24	24° 7	S 22
M23	12 2 13	2°23'29	17°37	4°44	15°52	27°53	18°51	17°57	11°34	0°19	6°46	9°34	10° 8	19°31	24°11	M23
T 24	12 6 10	3°23'09	1♌41	5°47	16°50	28°36	18°59	18° 3	11°37	0°18	6°46	9°R34	10° 5	19°38	24°15	T 24
W25	12 10 6	4°22'46	15°54	6°52	17°50	29°18	19° 7	18° 8	11°40	0°16	6°47	9°34	10° 2	19°44	24°19	W25
T 26	12 14 3	5°22'21	0♌13	8° 0	18°49	0♌ 0	19°15	18°14	11°43	0°15	6°47	9°34	9°58	19°51	24°23	T 26
F 27	12 18 0	6°21'54	14°34	9° 9	19°49	0°42	19°22	18°19	11°47	0°14	6°48	9°33	9°55	19°58	24°27	F 27
S 28	12 21 56	7°21'24	28°54	10°21	20°50	1°25	19°30	18°25	11°50	0°12	6°48	9°33	9°52	20° 5	24°30	S 28
S 29	12 25 53	8°20'52	13♍ 9	11°35	21°50	2° 7	19°37	18°30	11°53	0°11	6°49	9°33	9°49	20°11	24°34	S 29
M30	12 29 49	9°20'18	27°14	12°51	22°51	2°49	19°44	18°36	11°56	0°10	6°49	9°D33	9°46	20°18	24°38	M30
T 31	12 33 46	10♍19'42	11♌ 6	14♌ 8	23♌53	3♌31	19♌51	18♌41	11♌59	0♍ 9	6♌49	9°R33	9♌43	20♌25	24♌42	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
S 1	7s40	7n 6	3s 2	8s29	3n18	16s14	4n39	23s17	0s28	22s23	0n 8	16s46	0s41	8s22	0s44	11n38	0n31	17s37	5n38	3s51	4s28	17s14	8s 5	6n12			
M 2	7 17	2 43	1 52	8 56	3 8	16 12	4 32	23 14	0 29	22 22	0 8	16 45	0 41	8 21	0 44	11 38	0 31	17 37	5 38	3 50	4 27	17 14	8 3	6 12			
T 3	6 54	1s44	0 37	9 21	2 56	16 10	4 25	23 11	0 30	22 20	0 8	16 43	0 41	8 20	0 44	11 39	0 31	17 37	5 38	3 50	4 25	17 13	8 2	6 12			
W 4	6 31	5 59	0n39	9 45	2 44	16 8	4 18	23 7	0 31	22 19	0 8	16 41	0 41	8 18	0 44	11 39	0 31	17 37	5 38	3 50	4 24	17 12	8 0	6 12			
T 5	6 8	9 47	1 50	10 6	2 31	16 5	4 11	23 3	0 32	22 18	0 8	16 39	0 41	8 17	0 44	11 40	0 31	17 36	5 38	3 50	4 23	17 11	7 59	6 13			
F 6	5 45	12 59	2 54	10 26	2 18	16 2	4 4	22 59	0 33	22 17	0 8	16 37	0 41	8 16	0 44	11 40	0 31	17 36	5 39	3 51	4 22	17 11	7 57	6 13			
S 7	5 21	15 29	3 47	10 44	2 4	15 59	3 57	22 55	0 34	22 16	0 8	16 35	0 41	8 14	0 44	11 41	0 31	17 36	5 39	3 51	4 20	17 10	7 56	6 13			
S 8	4 58	17 12	4 28	11 0	1 50	15 55	3 50	22 51	0 35	22 15	0 7	16 33	0 42	8 13	0 44	11 42	0 31	17 36	5 39	3 52	4 19	17 9	7 54	6 13			
M 9	4 35	18 6	4 57	11 13	1 36	15 50	3 43	22 46	0 36	22 14	0 7	16 31	0 42	8 12	0 44	11 42	0 31	17 36	5 39	3 52	4 18	17 8	7 53	6 13			
T 10	4 11	18 11	5 12	11 25	1 22	15 46	3 36	22 42	0 37	22 13	0 7	16 30	0 42	8 11	0 44	11 43	0 31	17 36	5 39	3 52	4 17	17 8	7 51	6 13			
W11	3 48	17 28	5 14	11 34	1 9	15 40	3 29	22 37	0 38	22 11	0 7	16 28	0 42	8 9	0 44	11 43	0 31	17 36	5 39	3 51	4 15	17 7	7 50	6 13			
T 12	3 24	16 0	5 3	11 41	0 55	15 35	3 22	22 32	0 39	22 10	0 7	16 26	0 42	8 8	0 44	11 44	0 31	17 36	5 39	3 50	4 14	17 6	7 48	6 13			
F 13	3 0	13 49	4 38	11 46	0 42	15 29	3 15	22 26	0 40	22 9	0 7	16 24	0 42	8 7	0 44	11 44	0 31	17 36	5 39	3 49	4 13	17 5	7 47	6 14			
S 14	2 37	11 2	4 1	11 49	0 29	15 22	3 8	22 21	0 41	22 8	0 7	16 22	0 42	8 5	0 44	11 45	0 31	17 35	5 39	3 48	4 12	17 5	7 45	6 14			
S 15	2 13	7 44	3 13	11 49	0 17	15 15	3 1	22 15	0 42	22 7	0 7	16 21	0 42	8 4	0 44	11 46	0 31	17 35	5 39	3 47	4 10	17 4	7 44	6 14			
M16	1 49	4 3	2 14	11 48	0 4	15 7	2 54	22 9	0 43	22 6	0 7	16 19	0 42	8 3	0 44	11 46	0 31	17 35	5 39	3 46	4 9	17 3	7 42	6 14			
T 17	1 25	0 6	1 8	11 45	0s 7	14 59	2 47	22 3	0 44	22 5	0 7	16 17	0 42	8 2	0 44	11 47	0 31	17 35	5 39	3 46	4 8	17 2	7 41	6 14			
W18	1 2	3n55	0s 3	11 40	0 19	14 51	2 41	21 57	0 45	22 4	0 7	16 15	0 43	8 0	0 44	11 47	0 31	17 35	5 39	3 46	4 7	17 1	7 39	6 14			
T 19	0 38	7 49	1 15	11 33	0 29	14 42	2 34	21 50	0 46	22 3	0 7	16 14	0 43	7 59	0 44	11 48	0 31	17 35	5 40	3 46	4 5	17 1	7 38	6 15			
F 20	0 14	11 23	2 24	11 25	0 40	14 33	2 27	21 43	0 47	22 2	0 6	16 12	0 43	7 58	0 44	11 48	0 31	17 35	5 40	3 46	4 4	17 0	7 36	6 15			
S 21	0n10	14 24	3 26	11 14	0 50	14 23	2 20	21 36	0 48	22 1	0 6	16 10	0 43	7 57	0 44	11 49	0 31	17 35	5 40	3 46	4 3	16 59	7 35	6 15			
S 22	0 33	16 39	4 17	11 3	0 59	14 13	2 14	21 29	0 49	22 0	0 6	16 9	0 43	7 55	0 44	11 49	0 31	17 35	5 40	3 47	4 2	16 58	7 33	6 15			
M23	0 57	17 57	4 54	10 49	1 8	14 2	2 7	21 22	0 50	21 59	0 6	16 7	0 43	7 54	0 44	11 50	0 31	17 34	5 40	3 47	4 0	16 58	7 32	6 15			
T 24	1 21	18 10	5 14	10 34	1 17	13 51	2 1	21 14	0 51	21 58	0 6	16 5	0 43	7 53	0 44	11 50	0 31	17 34	5 40	3 47	3 59	16 57	7 30	6 16			
W25	1 44	17 14	5 15	10 17	1 25	13 39	1 54	21 7	0 52	21 57	0 6	16 4	0 43	7 52	0 44	11 51	0 31	17 34	5 40	3 47	3 58	16 56	7 29	6 16			
T 26	2 8	15 14	4 57	9 59	1 32	13 27	1 48	20 59	0 53	21 56	0 6	16 2	0 44	7 50	0 44	11 51	0 31	17 34	5 40	3 47	3 57	16 55	7 27	6 16			
F 27	2 31	12 17	4 20	9 40	1 39	13 15	1 41	20 51	0 54	21 55	0 6	16 0	0 44	7 49	0 44	11 51	0 31	17 34	5 40	3 47	3 55	16 54	7 26	6 16			
S 28	2 55	8 36	3 27	9 19	1 46	13 2	1 35	20 43	0 55	21 54	0 6	15 59	0 44	7 48	0 44	11 52	0 31	17 34	5 40	3 47	3 54	16 54	7 24	6 16			
S 29	3 18	4 26	2 21	8 56	1 52	12 48	1 29	20 34	0 56	21 53	0 6	15 57	0 44	7 47	0 44	11 52	0 31	17 34	5 40	3 47	3 53	16 53	7 23	6 17			
M30	3 42	0 4	1 8	8 33	1 58	12 35	1 23	20 26	0 57	21 52	0 6	15 56	0 44	7 46	0 44	11 53	0 31	17 34	5 40	3 47	3 52	16 52	7 22	6 17			
T 31	4n 5	4s15	0n 9	8s 7	2s 3	12s20	1n17	20s17	0s58	21s51	0n 5	15s54	0s44	7s44	0s44	11n53	0n31	17s34	5n41	3s47	3s50	16s51	7s20	6n17			

ASTRODIENST EPHEMERIS for the year 2257  
geocentric

APRIL 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 42	11°19'04	24°40	15°28	24°54	4°14	19°35	18°46	12°2	0°R 7	6°349	9°R33	9°39	20°31	24°45	W 1
T 2	12 41 39	12°18'24	7°155	16°49	25°56	4°56	20° 4	18°52	12° 5	0°10 6	6°50	9°32	9°36	20°38	24°49	T 2
F 3	12 45 35	13°17'42	20°51	18°12	26°59	5°38	20°11	18°57	12° 8	0° 5	6°50	9°32	9°33	20°45	24°52	F 3
S 4	12 49 32	14°16'58	3°29	19°37	28° 1	6°21	20°17	19° 2	12°12	0° 4	6°50	9°32	9°30	20°52	24°56	S 4
S 5	12 53 29	15°16'12	15°50	21° 3	29° 4	7° 3	20°23	19° 7	12°15	0° 3	6°50	9°31	9°27	20°58	24°59	S 5
M 6	12 57 25	16°15'25	27°58	22°31	0°7	7°45	20°29	19°12	12°18	0° 2	6°50	9°30	9°23	21° 5	25° 2	M 6
T 7	13 1 22	17°14'35	9°356	24° 0	1°11	8°28	20°35	19°17	12°21	0° 1	6°50	9°30	9°20	21°12	25° 6	T 7
W 8	13 5 18	18°13'44	21°50	25°31	2°14	9°10	20°41	19°21	12°24	29°59	6°R50	9°D30	9°17	21°19	25° 9	W 8
T 9	13 9 15	19°12'52	3°343	27° 4	3°18	9°52	20°46	19°26	12°26	29°59	6°50	9°30	9°14	21°25	25°12	T 9
F 10	13 13 11	20°11'57	15°40	28°38	4°22	10°35	20°52	19°31	12°29	29°58	6°50	9°31	9°11	21°32	25°15	F 10
S 11	13 17 8	21°11'01	27°47	0°13	5°27	11°17	20°57	19°35	12°32	29°57	6°50	9°32	9° 8	21°39	25°19	S 11
S 12	13 21 4	22°10'03	10°6	1°50	6°31	12° 0	21° 2	19°40	12°35	29°56	6°50	9°33	9° 4	21°45	25°22	S 12
M13	13 25 1	23° 9'03	22°41	3°29	7°36	12°42	21° 7	19°44	12°38	29°55	6°50	9°34	9° 1	21°52	25°25	M13
T 14	13 28 57	24° 8'01	5°133	5° 9	8°41	13°24	21°12	19°49	12°41	29°54	6°50	9°R35	8°58	21°59	25°28	T 14
W15	13 32 54	25° 6'57	18°45	6°50	9°46	14° 7	21°16	19°53	12°43	29°54	6°50	9°35	8°55	22° 6	25°31	W15
T 16	13 36 51	26° 5'51	2°15	8°34	10°52	14°49	21°20	19°57	12°46	29°53	6°49	9°34	8°52	22°12	25°34	T 16
F 17	13 40 47	27° 4'43	16° 1	10°18	11°57	15°31	21°25	20° 1	12°49	29°52	6°49	9°32	8°48	22°19	25°36	F 17
S 18	13 44 44	28° 3'34	0°11	12° 4	13° 3	16°14	21°29	20° 5	12°52	29°51	6°49	9°29	8°45	22°26	25°39	S 18
S 19	13 48 40	29° 2'22	14°10	13°52	14° 9	16°56	21°33	20° 9	12°54	29°51	6°49	9°27	8°42	22°32	25°42	S 19
M20	13 52 37	0°1'08	28°26	15°41	15°15	17°39	21°36	20°13	12°57	29°50	6°48	9°24	8°39	22°39	25°44	M20
T 21	13 56 33	0°59'33	12°343	17°32	16°21	18°21	21°40	20°17	12°59	29°49	6°48	9°23	8°36	22°46	25°47	T 21
W22	14 0 30	1°58'33	26°58	19°25	17°28	19° 3	21°43	20°21	13° 2	29°49	6°47	9°D22	8°33	22°53	25°50	W22
T 23	14 4 26	2°57'12	11°9	21°18	18°34	19°46	21°46	20°25	13° 5	29°48	6°47	9°22	8°29	22°59	25°52	T 23
F 24	14 8 23	3°55'49	25°13	23°14	19°41	20°28	21°49	20°28	13° 7	29°47	6°46	9°23	8°26	23° 6	25°55	F 24
S 25	14 12 20	4°54'24	9°10	25°11	20°48	21°10	21°52	20°32	13° 9	29°47	6°46	9°24	8°23	23°13	25°57	S 25
S 26	14 16 16	5°52'56	22°57	27°10	21°55	21°52	21°55	20°35	13°12	29°46	6°45	9°26	8°20	23°19	25°59	S 26
M27	14 20 13	6°51'27	6°34	29°10	23° 2	22°35	21°57	20°38	13°14	29°46	6°45	9°R26	8°17	23°26	26° 2	M27
T 28	14 24 9	7°49'55	20° 0	1°11	24° 9	23°17	21°59	20°42	13°17	29°46	6°44	9°26	8°14	23°33	26° 4	T 28
W29	14 28 6	8°48'22	3°13	3°14	25°16	23°59	22° 1	20°45	13°19	29°45	6°44	9°24	8°10	23°40	26° 6	W29
T 30	14 32 2	9°46'46	16°12	5°19	26°24	24°42	22°3	20°48	13°21	29°45	6°43	9°21	8° 7	23°46	26° 8	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n28	8s15	1n23	7s41	2s 8	12s 6	1n10	20s 8	1s 0	21s50	0n 5	15s53	0s44	7s43	0s44	11n54
T 2	4 51	11 45	2 31	7 13	2 12	11 50	1 5	19 59	1 1	21 49	0 5	15 51	0 44	7 42	0 45	11 54
F 3	5 14	14 34	3 30	6 44	2 16	11 35	0 59	19 50	1 2	21 48	0 5	15 50	0 45	7 41	0 45	11 54
S 4	5 37	16 37	4 17	6 14	2 19	11 19	0 53	19 40	1 3	21 47	0 5	15 48	0 45	7 40	0 45	11 55
S 5	6 0	17 50	4 50	5 43	2 22	11 3	0 47	19 31	1 4	21 47	0 5	15 47	0 45	7 39	0 45	11 55
M 6	6 23	18 13	5 11	5 10	2 24	10 46	0 41	19 21	1 5	21 46	0 5	15 45	0 45	7 38	0 45	11 56
T 7	6 46	17 46	5 17	4 37	2 26	10 29	0 36	19 11	1 6	21 45	0 5	15 44	0 45	7 36	0 45	11 56
W 8	7 8	16 32	5 10	4 2	2 27	10 11	0 30	19 1	1 7	21 44	0 5	15 43	0 45	7 35	0 45	11 56
T 9	7 31	14 36	4 49	3 26	2 28	9 53	0 25	18 51	1 9	21 44	0 5	15 41	0 45	7 34	0 45	11 57
F 10	7 53	12 2	4 16	2 49	2 29	9 35	0 20	18 41	1 10	21 43	0 5	15 40	0 45	7 33	0 45	11 57
S 11	8 15	8 55	3 31	2 11	2 29	9 16	0 15	18 30	1 11	21 42	0 4	15 39	0 46	7 32	0 45	11 57
S 12	8 37	5 22	2 36	1 32	2 28	8 58	0 9	18 19	1 12	21 41	0 4	15 37	0 46	7 31	0 45	11 58
M13	8 59	1 29	1 32	0 52	2 27	8 38	0 4	18 9	1 13	21 41	0 4	15 36	0 46	7 30	0 45	11 58
T 14	9 21	2n33	0 22	0 11	2 25	8 19	0s 1	17 58	1 14	21 40	0 4	15 35	0 46	7 29	0 45	11 58
W15	9 42	6 33	0s50	0n31	2 23	7 59	0 5	17 46	1 15	21 40	0 4	15 34	0 46	7 28	0 45	11 59
T 16	10 4	10 19	2 2	1 14	2 21	7 38	0 10	17 35	1 17	21 39	0 4	15 32	0 46	7 27	0 45	11 59
F 17	10 25	13 36	3 8	1 58	2 17	7 18	0 15	17 24	1 18	21 38	0 4	15 31	0 46	7 26	0 45	11 59
S 18	10 46	16 9	4 3	2 43	2 14	6 57	0 20	17 12	1 19	21 38	0 4	15 30	0 47	7 25	0 45	11 59
S 19	11 7	17 45	4 45	3 28	2 10	6 36	0 24	17 1	1 20	21 37	0 4	15 29	0 47	7 24	0 45	12 0
M20	11 28	18 15	5 9	4 14	2 5	6 14	0 28	16 49	1 21	21 37	0 3	15 28	0 47	7 23	0 45	12 0
T 21	11 48	17 35	5 14	5 1	2 0	5 53	0 33	16 37	1 23	21 36	0 3	15 27	0 47	7 22	0 45	12 0
W22	12 9	15 49	5 0	5 49	1 54	5 31	0 37	16 25	1 24	21 36	0 3	15 26	0 47	7 21	0 45	12 0
T 23	12 29	13 7	4 28	6 37	1 48	5 9	0 41	16 13	1 25	21 36	0 3	15 25	0 47	7 20	0 45	12 0
F 24	12 49	9 39	3 40	7 26	1 42	4 46	0 45	16 0	1 26	21 35	0 3	15 24	0 47	7 19	0 45	12 1
S 25	13 8	5 40	2 39	8 16	1 35	4 24	0 49	15 48	1 27	21 35	0 3	15 23	0 48	7 18	0 45	12 1
S 26	13 28	1 25	1 29	9 6	1 27	4 1	0 53	15 36	1 29	21 35	0 3	15 22	0 48	7 17	0 45	12 1
M27	13 47	2s51	0 16	9 56	1 19	3 38	0 56	15 23	1 30	21 34	0 3	15 21	0 48	7 16	0 45	12 1
T 28	14 6	6 55	0n58	10 46	1 11	3 14	1 0	15 10	1 31	21 34	0 3	15 20	0 48	7 16	0 45	12 1
W29	14 25	10 35	2 7	11 36	1 2	2 51	1 3	14 57	1 32	21 34	0 3	15 19	0 48	7 15	0 45	12 1
T 30	14n43	13s40	3n 8	12n27	0s53	2s27	1s 7	14s44	1s33	21s34	0n 2	15s18	0s48	7s14	0s45	12n 2

Julian Day Number = 2545502.5, Delta T = 230.27 sec  
Ecliptic obliquity = 23°24'12, Nutation = 0°00'03, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 28°20'09, Lahiri = 27°27'09

ASTRODIENST EPHEMERIS for the year 2257  
geocentric

MAY 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 35 59	10♂45'09	28♂57	7♂24	27♂31	25♂24	22♂5	20♂51	13♂23	29♂R45	6♂R42	9♂R16	8♂4	23♂53	26♂10	F 1
S 2	14 39 55	11°43'30	11♂28	9°31	28°39	26°6	22°6	20°54	13°26	29♂L44	6♂42	9♂11	8°1	24°0	26°12	S 2
S 3	14 43 52	12°41'50	23°45	11°39	29°47	26°48	22°8	20°56	13°28	29°44	6°41	9°5	7°58	24°6	26°14	S 3
M 4	14 47 49	13°40'07	5♂52	13°47	0♂Y55	27°31	22°9	20°59	13°30	29°44	6°40	9°0	7°54	24°13	26°16	M 4
T 5	14 51 45	14°38'24	17°50	15°56	2°3	28°13	22°10	21°2	13°32	29°44	6°39	8°55	7°51	24°20	26°17	T 5
W 6	14 55 42	15°36'38	29°43	18°6	3°11	28°55	22°11	21°4	13°34	29°43	6°39	8°52	7°48	24°27	26°19	W 6
T 7	14 59 38	16°34'52	11♂36	20°15	4°20	29°37	22°11	21°7	13°36	29°43	6°38	8°D51	7°45	24°33	26°21	T 7
F 8	15 3 35	17°33'03	23°33	22°25	5°28	0♂X19	22°12	21°9	13°38	29°43	6°37	8°51	7°42	24°40	26°22	F 8
S 9	15 7 31	18°31'13	5♂X38	24°34	6°37	1°2	22°12	21°11	13°40	29°43	6°36	8°52	7°39	24°47	26°24	S 9
S 10	15 11 28	19°29'22	17°58	26°42	7°45	1°44	22°R12	21°14	13°42	29°43	6°35	8°54	7°35	24°54	26°25	S 10
M 11	15 15 24	20°27'30	0♂Y35	28°50	8°54	2°26	22°12	21°16	13°43	29°D43	6°34	8°55	7°32	25°0	26°27	M 11
T 12	15 19 21	21°25'36	13°35	0♂II56	10°3	3°8	22°11	21°18	13°45	29°43	6°33	8°R55	7°29	25°7	26°28	T 12
W 13	15 23 18	22°23'40	26°58	3°1	11°11	3°50	22°11	21°19	13°47	29°43	6°32	8°54	7°26	25°14	26°29	W 13
T 14	15 27 14	23°21'43	10♂46	5°3	12°20	4°32	22°10	21°21	13°49	29°43	6°31	8°50	7°23	25°20	26°31	T 14
F 15	15 31 11	24°19'45	24°55	7°4	13°29	5°14	22°9	21°23	13°50	29°43	6°30	8°45	7°19	25°27	26°32	F 15
S 16	15 35 7	25°17'45	9♂II22	9°2	14°39	5°56	22°8	21°24	13°52	29°43	6°29	8°38	7°16	25°34	26°33	S 16
S 17	15 39 4	26°15'43	24°0	10°58	15°48	6°38	22°6	21°26	13°53	29°44	6°28	8°31	7°13	25°41	26°34	S 17
M 18	15 43 0	27°13'40	8♂41	12°51	16°57	7°20	22°5	21°27	13°55	29°44	6°27	8°24	7°10	25°47	26°35	M 18
T 19	15 46 57	28°11'35	23°19	14°41	18°6	8°2	22°3	21°29	13°56	29°44	6°26	8°18	7°7	25°54	26°36	T 19
W 20	15 50 53	29°9'28	7♂L48	16°28	19°16	8°43	22°1	21°30	13°58	29°44	6°25	8°14	7°4	26°1	26°36	W 20
T 21	15 54 50	0♂II720	22°3	18°12	20°25	9°25	21°59	21°31	13°59	29°45	6°24	8°12	7°0	26°7	26°37	T 21
F 22	15 58 47	1°5'09	6♂II3	19°53	21°35	10°7	21°57	21°32	14°1	29°45	6°23	8°D12	6°57	26°14	26°38	F 22
S 23	16 2 43	2°2'57	19°47	21°31	22°44	10°48	21°55	21°33	14°2	29°46	6°21	8°13	6°54	26°21	26°38	S 23
S 24	16 6 40	3°0'43	3♂16	23°6	23°54	11°30	21°52	21°34	14°3	29°46	6°20	8°R14	6°51	26°28	26°39	S 24
M 25	16 10 36	3°58'28	16°32	24°37	25°4	12°12	21°49	21°34	14°4	29°46	6°19	8°13	6°48	26°34	26°39	M 25
T 26	16 14 33	4°56'11	29°34	26°5	26°13	12°53	21°46	21°35	14°6	29°47	6°18	8°11	6°45	26°41	26°40	T 26
W 27	16 18 29	5°53'53	12♂L25	27°29	27°23	13°35	21°43	21°36	14°7	29°47	6°16	8°7	6°41	26°48	26°40	W 27
T 28	16 22 26	6°51'33	25°5	28°50	28°33	14°16	21°40	21°36	14°8	29°48	6°15	8°0	6°38	26°54	26°41	T 28
F 29	16 26 22	7°49'12	7♂X35	0♂7	29°43	14°57	21°36	21°36	14°9	29°49	6°14	7°51	6°35	27°1	26°41	F 29
S 30	16 30 19	8°46'49	19°55	1°21	0♂X53	15°39	21°33	21°37	14°10	29°49	6°13	7°40	6°32	27°8	26°41	S 30
S 31	16 34 16	9♂II44'26	2♂5	2♂31	2♂3	16♂X20	21♂29	21♂37	14♂X11	29♂L50	6♂11	7♂29	6♂29	27♂15	26♂41	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	15n 2	16s 1	3n58	13n17	0s43	2s 3	1s10	14s31	1s35	21s34	0n 2	15s17	0s48	7s13	0s45	12n 2
S 2	15 20	17 34	4 36	14 7	0 33	1 39	1 13	14 18	1 36	21 33	0 2	15 17	0 49	7 12	0 45	12 2
S 3	15 38	18 15	5 0	14 56	0 23	1 15	1 16	14 5	1 37	21 33	0 2	15 16	0 49	7 11	0 45	12 2
M 4	15 55	18 6	5 11	15 45	0 13	0 51	1 19	13 52	1 38	21 33	0 2	15 15	0 49	7 11	0 45	12 2
T 5	16 12	17 8	5 7	16 33	0 2	0 27	1 22	13 38	1 40	21 33	0 2	15 14	0 49	7 10	0 45	12 2
W 6	16 29	15 26	4 51	17 20	0n 8	0 2	1 25	13 25	1 41	21 33	0 2	15 14	0 49	7 9	0 45	12 2
T 7	16 46	13 5	4 22	18 5	0 19	0n23	1 28	13 11	1 42	21 33	0 2	15 13	0 49	7 8	0 45	12 2
F 8	17 3	10 10	3 42	18 49	0 30	0 47	1 30	12 57	1 43	21 33	0 1	15 13	0 50	7 8	0 45	12 2
S 9	17 19	6 47	2 51	19 32	0 40	1 12	1 33	12 43	1 45	21 33	0 1	15 12	0 50	7 7	0 46	12 2
S 10	17 35	3 3	1 51	20 12	0 50	1 37	1 35	12 30	1 46	21 33	0 1	15 11	0 50	7 6	0 46	12 2
M 11	17 50	0n55	0 45	20 51	1 0	2 2	1 37	12 16	1 47	21 34	0 1	15 11	0 50	7 6	0 46	12 2
T 12	18 5	4 58	0s25	21 27	1 10	2 27	1 39	12 2	1 48	21 34	0 1	15 10	0 50	7 5	0 46	12 2
W 13	18 20	8 53	1 36	22 1	1 19	2 52	1 41	11 47	1 50	21 34	0 1	15 10	0 50	7 4	0 46	12 2
T 14	18 35	12 26	2 44	22 33	1 28	3 17	1 43	11 33	1 51	21 34	0 1	15 10	0 51	7 4	0 46	12 2
F 15	18 49	15 22	3 43	23 2	1 36	3 42	1 45	11 19	1 52	21 35	0 1	15 9	0 51	7 3	0 46	12 2
S 16	19 4	17 24	4 29	23 29	1 44	4 7	1 47	11 5	1 53	21 35	0 0	15 9	0 51	7 2	0 46	12 2
S 17	19 17	18 19	4 58	23 53	1 51	4 32	1 49	10 50	1 55	21 35	0 0	15 9	0 51	7 2	0 46	12 2
M 18	19 31	18 1	5 7	24 14	1 57	4 57	1 50	10 36	1 56	21 36	0 0	15 8	0 51	7 1	0 46	12 2
T 19	19 44	16 31	4 57	24 33	2 2	5 22	1 52	10 22	1 57	21 36	0 0	15 8	0 51	7 1	0 46	12 2
W 20	19 56	13 59	4 28	24 49	2 7	5 47	1 53	10 7	1 59	21 36	0s 0	15 8	0 51	7 0	0 46	12 2
T 21	20 9	10 38	3 42	25 3	2 11	6 12	1 54	9 53	2 0	21 37	0 0	15 8	0 52	7 0	0 46	12 1
F 22	20 21	6 44	2 44	25 15	2 14	6 37	1 55	9 38	2 1	21 37	0 0	15 7	0 52	6 59	0 46	12 1
S 23	20 32	2 33	1 37	25 24	2 16	7 2	1 56	9 23	2 2	21 38	0 0	15 7	0 52	6 59	0 46	12 1
S 24	20 44	1s42	0 27	25 31	2 18	7 27	1 57	9 9	2 4	21 38	0 1	15 7	0 52	6 58	0 46	12 1
M 25	20 55	5 48	0n44	25 36	2 19	7 51	1 58	8 54	2 5	21 39	0 1	15 7	0 52	6 58	0 46	12 1
T 26	21 5	9 34	1 52	25 39	2 18	8 16	1 59	8 39	2 6	21 40	0 1	15 7	0 52	6 58	0 46	12 1
W 27	21 15	12 48	2 52	25 40	2 17	8 40	1 59	8 24	2 7	21 40	0 1	15 7	0 53	6 57	0 46	12 0
T 28	21 25	15 24	3 43	25 39	2 15	9 5	2 0	8 10	2 9	21 41	0 1	15 7	0 53	6 57	0 46	12 0
F 29	21 35	17 13	4 23	25 37	2 12	9 29	2 0	7 55	2 10	21 42	0 1	15 7	0 53	6 56	0 46	12 0
S 30	21 44	18 13	4 49	25 33	2 9	9 53	2 1	7 40	2 11	21 42	0 1	15 7	0 53	6 56	0 46	12 0
S 31	21n53	18s21	5n 2	25n27	2n 4	10n17	2s 1	7s25	2s12	21s43	0s 1	15s 7	0s53	6s56	0s46	12n 0

Julian Day Number = 2545532.5, Delta T = 230.39 sec  
Ecliptic obliquity = 23°24'12, Nutation = 0°00'01, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 28°20'13, Lahiri = 27°27'13



ASTRODIENST EPHEMERIS for the year 2257  
geocentric

JULY 2257

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 36 29	9♂23'25	16♂28	6♂R 1	8♂II40	6♂V59	18♂R22	20♂R54	14♂R15	0♂M25	5♂R25	4♂R13	4♂♂50	0♂♂43	26♂R11	W 1
T 2	18 40 25	10♂20'38	28♂19	5♂♂29	9♂52	7♂37	18♂♂14	20♂♂51	14♂♂15	0♂26	5♂♂24	4♂♂6	4♂47	0♂49	26♂♂10	T 2
F 3	18 44 22	11♂17'51	10♂♂14	4♂59	11♂4	8♂15	18♂7	20♂48	14♂14	0♂28	5♂22	4♂2	4♂44	0♂56	26♂8	F 3
S 4	18 48 18	12♂15'04	22♂17	4♂31	12♂15	8♂53	17♂59	20♂46	14♂13	0♂29	5♂21	4♂0	4♂41	1♂3	26♂6	S 4
S 5	18 52 15	13♂12'17	4♂V33	4♂7	13♂27	9♂31	17♂51	20♂43	14♂13	0♂31	5♂19	3♂D59	4♂37	1♂9	26♂4	S 5
M 6	18 56 12	14♂9'30	17♂7	3♂46	14♂39	10♂9	17♂44	20♂39	14♂12	0♂32	5♂18	4♂R0	4♂34	1♂16	26♂1	M 6
T 7	19 0 8	15♂6'44	0♂♂3	3♂29	15♂50	10♂46	17♂36	20♂36	14♂11	0♂34	5♂16	3♂59	4♂31	1♂23	25♂59	T 7
W 8	19 4 5	16♂3'57	13♂26	3♂16	17♂2	11♂23	17♂28	20♂33	14♂10	0♂36	5♂14	3♂56	4♂28	1♂30	25♂57	W 8
T 9	19 8 1	17♂1'11	27♂18	3♂8	18♂14	12♂0	17♂21	20♂30	14♂9	0♂37	5♂13	3♂52	4♂25	1♂36	25♂55	T 9
F 10	19 11 58	17♂58'25	11♂II39	3♂D5	19♂26	12♂37	17♂13	20♂27	14♂8	0♂39	5♂11	3♂45	4♂22	1♂43	25♂52	F 10
S 11	19 15 54	18♂55'39	26♂27	3♂6	20♂38	13♂14	17♂5	20♂23	14♂7	0♂41	5♂10	3♂35	4♂18	1♂50	25♂50	S 11
S 12	19 19 51	19♂52'54	11♂♂33	3♂13	21♂50	13♂50	16♂57	20♂20	14♂6	0♂43	5♂9	3♂25	4♂15	1♂56	25♂48	S 12
M13	19 23 47	20♂50'09	26♂49	3♂24	23♂2	14♂26	16♂50	20♂16	14♂5	0♂45	5♂7	3♂15	4♂12	2♂3	25♂45	M13
T 14	19 27 44	21♂47'23	12♂♂4	3♂41	24♂14	15♂2	16♂42	20♂13	14♂4	0♂46	5♂6	3♂7	4♂9	2♂10	25♂43	T 14
W15	19 31 41	22♂44'38	27♂6	4♂3	25♂26	15♂38	16♂34	20♂9	14♂3	0♂48	5♂4	3♂0	4♂6	2♂17	25♂40	W15
T 16	19 35 37	23♂41'53	11♂M48	4♂30	26♂38	16♂14	16♂27	20♂5	14♂2	0♂50	5♂3	2♂56	4♂3	2♂23	25♂38	T 16
F 17	19 39 34	24♂39'07	26♂5	5♂3	27♂50	16♂49	16♂19	20♂1	14♂0	0♂52	5♂1	2♂55	3♂59	2♂30	25♂35	F 17
S 18	19 43 30	25♂36'22	9♂♂55	5♂40	29♂2	17♂24	16♂12	19♂58	13♂59	0♂54	5♂0	2♂D55	3♂56	2♂37	25♂32	S 18
S 19	19 47 27	26♂33'36	23♂19	6♂23	0♂♂15	17♂59	16♂4	19♂54	13♂58	0♂56	4♂58	2♂R55	3♂53	2♂43	25♂30	S 19
M20	19 51 23	27♂30'51	6♂M21	7♂11	1♂27	18♂34	15♂57	19♂50	13♂56	0♂58	4♂57	2♂55	3♂50	2♂50	25♂27	M20
T 21	19 55 20	28♂28'05	19♂3	8♂4	2♂39	19♂9	15♂49	19♂46	13♂55	0♂59	4♂56	2♂53	3♂47	2♂57	25♂24	T 21
W22	19 59 16	29♂25'20	1♂♂30	9♂2	3♂52	19♂43	15♂42	19♂42	13♂53	1♂1	4♂54	2♂49	3♂43	3♂3	25♂21	W22
T 23	20 3 13	0♂♂22'35	13♂45	10♂5	5♂4	20♂17	15♂35	19♂38	13♂52	1♂3	4♂53	2♂42	3♂40	3♂10	25♂19	T 23
F 24	20 7 10	1♂19'50	25♂51	11♂13	6♂16	20♂51	15♂28	19♂34	13♂50	1♂5	4♂52	2♂33	3♂37	3♂17	25♂16	F 24
S 25	20 11 6	2♂17'06	7♂♂51	12♂25	7♂29	21♂24	15♂20	19♂29	13♂49	1♂7	4♂50	2♂23	3♂34	3♂24	25♂13	S 25
S 26	20 15 3	3♂14'22	19♂46	13♂42	8♂41	21♂57	15♂13	19♂25	13♂47	1♂9	4♂49	2♂12	3♂31	3♂30	25♂10	S 26
M27	20 18 59	4♂11'38	1♂♂38	15♂4	9♂54	22♂30	15♂7	19♂21	13♂46	1♂11	4♂48	2♂1	3♂28	3♂37	25♂7	M27
T 28	20 22 56	5♂8'55	13♂29	16♂31	11♂6	23♂3	15♂0	19♂17	13♂44	1♂13	4♂46	1♂51	3♂24	3♂44	25♂4	T 28
W29	20 26 52	6♂6'12	25♂21	18♂1	12♂19	23♂35	14♂53	19♂13	13♂42	1♂15	4♂45	1♂44	3♂21	3♂50	25♂1	W29
T 30	20 30 49	7♂3'30	7♂♂16	19♂36	13♂32	24♂7	14♂46	19♂8	13♂40	1♂17	4♂44	1♂39	3♂18	3♂57	24♂58	T 30
F 31	20 34 45	8♂♂0'49	19♂♂15	21♂♂15	14♂♂44	24♂V39	14♂♂40	19♂♂4	13♂♂39	1♂M19	4♂♂43	1♂♂36	3♂♂15	4♂♂4	24♂♂55	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23n 4	12s20	3n43	18n47	4s30	20n15	1s29	0n10	2s50	22s15	0s6	15s26	0s58	6s55	0s48	11n47
T 2	23 0	9 16	2 57	18 42	4 36	20 28	1 27	0 24	2 51	22 16	0 6	15 27	0 58	6 55	0 48	11 47
F 3	22 55	5 50	2 2	18 38	4 41	20 40	1 25	0 38	2 52	22 17	0 6	15 28	0 59	6 56	0 48	11 46
S 4	22 50	2 7	1 2	18 36	4 44	20 52	1 23	0 51	2 54	22 18	0 6	15 29	0 59	6 56	0 48	11 46
S 5	22 45	1n46	0s3	18 35	4 45	21 3	1 20	1 5	2 55	22 19	0 6	15 30	0 59	6 56	0 48	11 45
M 6	22 39	5 39	1 9	18 36	4 45	21 14	1 18	1 19	2 56	22 20	0 7	15 31	0 59	6 57	0 48	11 44
T 7	22 33	9 23	2 13	18 37	4 44	21 24	1 16	1 32	2 57	22 21	0 7	15 32	0 59	6 57	0 48	11 44
W 8	22 26	12 47	3 13	18 40	4 41	21 33	1 14	1 46	2 58	22 23	0 7	15 33	0 59	6 57	0 48	11 43
T 9	22 19	15 35	4 3	18 45	4 37	21 42	1 11	1 59	2 59	22 24	0 7	15 34	0 59	6 58	0 48	11 43
F 10	22 12	17 31	4 40	18 50	4 32	21 50	1 9	2 13	3 0	22 25	0 7	15 36	1 0	6 58	0 48	11 42
S 11	22 4	18 22	4 59	18 57	4 25	21 58	1 6	2 26	3 1	22 26	0 7	15 37	1 0	6 59	0 48	11 41
S 12	21 56	17 56	4 59	19 4	4 18	22 5	1 4	2 39	3 2	22 27	0 7	15 38	1 0	6 59	0 48	11 41
M13	21 47	16 14	4 37	19 12	4 9	22 12	1 1	2 52	3 3	22 28	0 8	15 39	1 0	6 59	0 48	11 40
T 14	21 39	13 23	3 55	19 22	4 0	22 18	0 59	3 5	3 4	22 29	0 8	15 41	1 0	7 0	0 48	11 39
W15	21 29	9 40	2 58	19 31	3 49	22 23	0 56	3 18	3 5	22 30	0 8	15 42	1 0	7 0	0 48	11 39
T 16	21 20	5 26	1 50	19 42	3 38	22 28	0 54	3 30	3 6	22 31	0 8	15 43	1 0	7 1	0 48	11 38
F 17	21 10	1 0	0 36	19 52	3 26	22 32	0 51	3 43	3 7	22 32	0 8	15 45	1 1	7 1	0 48	11 38
S 18	20 59	3s21	0n37	20 3	3 14	22 35	0 49	3 55	3 8	22 34	0 8	15 46	1 1	7 2	0 48	11 37
S 19	20 49	7 24	1 46	20 14	3 1	22 38	0 46	4 8	3 9	22 35	0 8	15 47	1 1	7 2	0 48	11 36
M20	20 38	10 58	2 48	20 25	2 48	22 40	0 43	4 20	3 10	22 36	0 8	15 49	1 1	7 3	0 48	11 36
T 21	20 26	13 56	3 40	20 35	2 34	22 42	0 41	4 32	3 11	22 37	0 9	15 50	1 1	7 4	0 48	11 35
W22	20 14	16 11	4 20	20 46	2 21	22 43	0 38	4 44	3 12	22 38	0 9	15 51	1 1	7 4	0 48	11 34
T 23	20 2	17 39	4 48	20 55	2 6	22 43	0 35	4 56	3 13	22 39	0 9	15 53	1 1	7 5	0 48	11 33
F 24	19 50	18 19	5 2	21 4	1 52	22 43	0 32	5 8	3 14	22 39	0 9	15 54	1 1	7 5	0 48	11 33
S 25	19 37	18 8	5 2	21 12	1 38	22 42	0 30	5 19	3 15	22 40	0 9	15 55	1 1	7 6	0 48	11 32
S 26	19 24	17 10	4 50	21 19	1 24	22 40	0 27	5 31	3 16	22 41	0 9	15 57	1 2	7 7	0 48	11 31
M27	19 11	15 28	4 25	21 24	1 10	22 38	0 24	5 42	3 17	22 42	0 9	15 58	1 2	7 7	0 48	11 31
T 28	18 57	13 6	3 48	21 28	0 55	22 35	0 22	5 53	3 18	22 43	0 10	16 0	1 2	7 8	0 48	11 30
W29	18 43	10 12	3 2	21 30	0 42	22 31	0 19	6 4	3 18	22 44	0 10	16 1	1 2	7 9	0 48	11 29
T 30	18 29	6 52	2 7	21 31	0 28	22 27	0 16	6 15	3 19	22 45	0 10	16 3	1 2	7 9	0 48	11 28
F 31	18n14	3s14	1n6	21n29	0s15	22n22	0s13	6n26	3s20	22s46	0s10	16s4	1s2	7s10	0s49	11n28

Julian Day Number = 2545593.5, Delta T = 230.62 sec  
Ecliptic obliquity = 23°24'11, Nutation = 0°00'02, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 28°20'21, Lahiri = 27°27'22



# ASTRODIENST EPHEMERIS for the year 2257

## geocentric

AUGUST 2257

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 42	8♌58°09	1♍22	22♍58	15♍57	25♍11	14♌R33	19♌R 0	13♌R37	1♍22	4♌R41	1♌D35	3♌12	4♌10	24♌R52	S 1
S 2	20 42 39	9°55'30	13°41	24°44	17°10	25°42	14♌27	18♌55	13♌35	1°24	4♌40	1♌35	3° 9	4°17	24♌49	S 2
M 3	20 46 35	10°52'51	26°16	26°33	18°23	26°13	14°21	18°51	13°33	1°26	4°39	1°36	3° 5	4°24	24°46	M 3
T 4	20 50 32	11°50'14	9♌11	28°26	19°35	26°43	14°15	18°46	13°31	1°28	4°38	1♌R37	3° 2	4°31	24°43	T 4
W 5	20 54 28	12°47'38	22°29	0♌21	20°48	27°13	14° 9	18°42	13°29	1°30	4°37	1°37	2°59	4°37	24°39	W 5
T 6	20 58 25	13°45'03	6♌14	2°18	22° 1	27°43	14° 3	18°38	13°27	1°32	4°36	1°35	2°56	4°44	24°36	T 6
F 7	21 2 21	14°42'29	20°27	4°18	23°14	28°12	13°57	18°33	13°25	1°34	4°34	1°31	2°53	4°51	24°33	F 7
S 8	21 6 18	15°39'56	5♌ 5	6°19	24°27	28°41	13°52	18°29	13°23	1°36	4°33	1°25	2°49	4°57	24°30	S 8
S 9	21 10 14	16°37'25	20° 4	8°21	25°40	29°10	13°46	18°24	13°21	1°39	4°32	1°19	2°46	5° 4	24°27	S 9
M10	21 14 11	17°34'54	5♌15	10°25	26°54	29°38	13°41	18°20	13°19	1°41	4°31	1°12	2°43	5°11	24°23	M10
T 11	21 18 8	18°32'25	20°29	12°29	28° 7	0♌ 6	13°36	18°15	13°17	1°43	4°30	1° 7	2°40	5°18	24°20	T 11
W12	21 22 4	19°29'56	5♌35	14°33	29°20	0°34	13°31	18°11	13°15	1°45	4°29	1° 3	2°37	5°24	24°17	W12
T 13	21 26 1	20°27'28	20°25	16°37	0♌33	1° 1	13°26	18° 6	13°13	1°47	4°28	1° 1	2°34	5°31	24°14	T 13
F 14	21 29 57	21°25'02	4♌50	18°41	1°46	1°27	13°21	18° 2	13°11	1°49	4°27	1♌D 0	2°30	5°38	24°10	F 14
S 15	21 33 54	22°22'36	18°49	20°45	3° 0	1°53	13°17	17°57	13° 9	1°52	4°26	1° 1	2°27	5°44	24° 7	S 15
S 16	21 37 50	23°20'11	2♌21	22°48	4°13	2°19	13°12	17°53	13° 6	1°54	4°26	1° 2	2°24	5°51	24° 4	S 16
M17	21 41 47	24°17'47	15°27	24°50	5°26	2°44	13° 8	17°49	13° 4	1°56	4°25	1° 4	2°21	5°58	24° 1	M17
T 18	21 45 43	25°15'23	28°11	26°51	6°40	3° 9	13° 4	17°44	13° 2	1°58	4°24	1♌R 4	2°18	6° 4	23°57	T 18
W19	21 49 40	26°13'01	10♌7	28°51	7°53	3°33	13° 0	17°40	13° 0	2° 0	4°23	1° 3	2°14	6°11	23°54	W19
T 20	21 53 37	27°10'40	22°48	0♌50	9° 7	3°57	12°57	17°35	12°57	2° 3	4°22	1° 0	2°11	6°18	23°51	T 20
F 21	21 57 33	28° 8'19	4♌50	2°48	10°20	4°20	12°53	17°31	12°55	2° 5	4°22	0°56	2° 8	6°25	23°48	F 21
S 22	22 1 30	29° 6'00	16°45	4°44	11°34	4°43	12°50	17°27	12°53	2° 7	4°21	0°51	2° 5	6°31	23°45	S 22
S 23	22 5 26	0♌ 3'42	28°37	6°39	12°47	5° 5	12°47	17°22	12°51	2° 9	4°20	0°46	2° 2	6°38	23°41	S 23
M24	22 9 23	1° 1'25	10♌28	8°33	14° 1	5°27	12°44	17°18	12°48	2°12	4°19	0°41	1°59	6°45	23°38	M24
T 25	22 13 19	1°59'09	22°21	10°25	15°14	5°48	12°41	17°14	12°46	2°14	4°19	0°36	1°55	6°51	23°35	T 25
W26	22 17 16	2°56'55	4♌18	12°16	16°28	6° 8	12°38	17°10	12°44	2°16	4°18	0°33	1°52	6°58	23°32	W26
T 27	22 21 12	3°54'42	16°19	14° 6	17°42	6°28	12°36	17° 5	12°41	2°18	4°18	0°30	1°49	7° 5	23°29	T 27
F 28	22 25 9	4°52'30	28°29	15°54	18°55	6°48	12°34	17° 1	12°39	2°20	4°17	0°D30	1°46	7°11	23°25	F 28
S 29	22 29 6	5°50'20	10♌47	17°41	20° 9	7° 7	12°32	16°57	12°37	2°23	4°16	0°30	1°43	7°18	23°22	S 29
S 30	22 33 2	6°48'12	23°17	19°26	21°23	7°25	12°30	16°53	12°34	2°25	4°16	0°31	1°40	7°25	23°19	S 30
M31	22 36 59	7♌46°05	6♌ 1	21♌11	22♌37	7♌42	12♌28	16♌49	12♌32	2♌27	4♌15	0♌33	1♌36	7♌31	23♌16	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n59	0n34	0n 1	21n25	0s 2	22n16	0s11	6n37	3s21	22s47	0s10	16s 6	1s 2	7s11	0s49	S 1
S 2	17 44	4 24	1s 5	21 19	0n10	22 10	0 8	6 47	3 22	22 47	0 10	16 7	1 2	7 12	0 49	S 2
M 3	17 29	8 7	2 9	21 10	0 22	22 3	0 5	6 57	3 22	22 48	0 10	16 8	1 2	7 12	0 49	M 3
T 4	17 13	11 33	3 9	20 59	0 33	21 56	0 3	7 8	3 23	22 49	0 10	16 10	1 3	7 13	0 49	T 4
W 5	16 57	14 30	4 0	20 45	0 43	21 48	0 0	7 18	3 24	22 50	0 10	16 11	1 3	7 14	0 49	W 5
T 6	16 40	16 44	4 39	20 28	0 53	21 39	0n 3	7 27	3 25	22 50	0 11	16 13	1 3	7 15	0 49	T 6
F 7	16 24	18 1	5 3	20 9	1 2	21 30	0 5	7 37	3 25	22 51	0 11	16 14	1 3	7 15	0 49	F 7
S 8	16 7	18 11	5 8	19 47	1 10	21 20	0 8	7 47	3 26	22 52	0 11	16 16	1 3	7 16	0 49	S 8
S 9	15 50	17 5	4 52	19 23	1 17	21 9	0 10	7 56	3 27	22 52	0 11	16 17	1 3	7 17	0 49	S 9
M10	15 32	14 47	4 16	18 56	1 23	20 58	0 13	8 5	3 27	22 53	0 11	16 19	1 3	7 18	0 49	M10
T 11	15 15	11 27	3 22	18 27	1 29	20 46	0 16	8 15	3 28	22 54	0 11	16 20	1 3	7 19	0 49	T 11
W12	14 57	7 23	2 13	17 56	1 34	20 33	0 18	8 23	3 29	22 54	0 11	16 22	1 3	7 19	0 49	W12
T 13	14 39	2 55	0 57	17 23	1 38	20 20	0 21	8 32	3 29	22 55	0 11	16 23	1 3	7 20	0 49	T 13
F 14	14 21	1s36	0n21	16 48	1 41	20 7	0 23	8 41	3 30	22 55	0 11	16 25	1 3	7 21	0 49	F 14
S 15	14 2	5 53	1 35	16 11	1 43	19 53	0 26	8 49	3 30	22 56	0 12	16 26	1 3	7 22	0 49	S 15
S 16	13 43	9 44	2 42	15 33	1 45	19 38	0 28	8 57	3 31	22 57	0 12	16 27	1 4	7 23	0 49	S 16
M17	13 24	12 57	3 38	14 53	1 45	19 22	0 30	9 5	3 31	22 57	0 12	16 29	1 4	7 24	0 49	M17
T 18	13 5	15 28	4 22	14 12	1 46	19 7	0 33	9 13	3 32	22 58	0 12	16 30	1 4	7 25	0 49	T 18
W19	12 46	17 11	4 52	13 30	1 45	18 50	0 35	9 21	3 32	22 58	0 12	16 32	1 4	7 25	0 49	W19
T 20	12 26	18 4	5 9	12 47	1 44	18 33	0 37	9 29	3 33	22 59	0 12	16 33	1 4	7 26	0 49	T 20
F 21	12 6	18 8	5 11	12 3	1 42	18 16	0 40	9 36	3 33	22 59	0 12	16 34	1 4	7 27	0 49	F 21
S 22	11 46	17 24	5 0	11 18	1 40	17 58	0 42	9 43	3 33	22 59	0 12	16 36	1 4	7 28	0 49	S 22
S 23	11 26	15 54	4 36	10 33	1 37	17 39	0 44	9 50	3 34	23 0	0 12	16 37	1 4	7 29	0 49	S 23
M24	11 6	13 44	4 0	9 48	1 33	17 20	0 46	9 57	3 34	23 0	0 13	16 39	1 4	7 30	0 49	M24
T 25	10 45	10 59	3 14	9 2	1 30	17 1	0 48	10 4	3 34	23 1	0 13	16 40	1 4	7 31	0 49	T 25
W26	10 24	7 46	2 19	8 16	1 25	16 41	0 50	10 10	3 35	23 1	0 13	16 41	1 4	7 32	0 49	W26
T 27	10 4	4 12	1 17	7 29	1 21	16 20	0 52	10 16	3 35	23 1	0 13	16 43	1 4	7 33	0 49	T 27
F 28	9 43	0 26	0 11	6 43	1 16	15 59	0 54	10 23	3 35	23 2	0 13	16 44	1 4	7 33	0 49	F 28
S 29	9 21	3n24	0s56	5 56	1 10	15 38	0 56	10 29	3 35	23 2	0 13	16 45	1 4	7 34	0 49	S 29
S 30	9 0	7 8	2 2	5 10	1 4	15 16	0 58	10 34	3 35	23 2	0 13	16 46	1 4	7 35	0 49	S 30
M31	8n39	10n37	3s 3	4n23	0n58	14n54	1n 0	10n40	3s35	23s 2	0s13	16s48	1s 4	7s36	0s49	M31

Julian Day Number = 2545624.5, Delta T = 230.74 sec  
 Ecliptic obliquity = 23°24'11, Nutation = 0°00'02, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 28°20'25, Lahiri = 27°27'26

# ASTRODIENST EPHEMERIS for the year 2257

## geocentric

SEPTEMBER 2257

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 55	8 <sup>m</sup> 44'00	19 <sup>h</sup> 8 1	22 <sup>m</sup> 53	23 <sup>h</sup> 05	7 <sup>h</sup> 59	12 <sup>h</sup> R27	16 <sup>h</sup> R45	12 <sup>h</sup> R29	2 <sup>m</sup> 29	4 <sup>h</sup> R15	0 <sup>h</sup> 34	1 <sup>h</sup> 33	7 <sup>h</sup> 38	23 <sup>h</sup> R13	T 1
W 2	22 44 52	9 <sup>h</sup> 41'57	2 <sup>h</sup> II20	24 <sup>m</sup> 35	25 <sup>h</sup> 5	8 <sup>h</sup> 16	12 <sup>h</sup> 25	16 <sup>h</sup> 41	12 <sup>h</sup> 27	2 <sup>m</sup> 32	4 <sup>h</sup> 15	0 <sup>h</sup> 35	1 <sup>h</sup> 30	7 <sup>h</sup> 45	23 <sup>h</sup> 10	W 2
T 3	22 48 48	10 <sup>h</sup> 39'55	16 <sup>h</sup> 1	26 <sup>m</sup> 15	26 <sup>h</sup> 19	8 <sup>h</sup> 31	12 <sup>h</sup> 24	16 <sup>h</sup> 37	12 <sup>h</sup> 25	2 <sup>m</sup> 34	4 <sup>h</sup> 14	0 <sup>h</sup> R35	1 <sup>h</sup> 27	7 <sup>h</sup> 52	23 <sup>h</sup> 7	T 3
F 4	22 52 45	11 <sup>h</sup> 37'56	0 <sup>h</sup> 3	27 <sup>m</sup> 54	27 <sup>h</sup> 33	8 <sup>h</sup> 46	12 <sup>h</sup> 23	16 <sup>h</sup> 33	12 <sup>h</sup> 22	2 <sup>m</sup> 36	4 <sup>h</sup> 14	0 <sup>h</sup> 34	1 <sup>h</sup> 24	7 <sup>h</sup> 58	23 <sup>h</sup> 4	F 4
S 5	22 56 41	12 <sup>h</sup> 35'59	14 <sup>h</sup> 26	29 <sup>m</sup> 32	28 <sup>h</sup> 47	9 <sup>h</sup> 0	12 <sup>h</sup> 23	16 <sup>h</sup> 30	12 <sup>h</sup> 20	2 <sup>m</sup> 38	4 <sup>h</sup> 13	0 <sup>h</sup> 33	1 <sup>h</sup> 20	8 <sup>h</sup> 5	23 <sup>h</sup> 1	S 5
S 6	23 0 38	13 <sup>h</sup> 34'03	29 <sup>h</sup> 6	1 <sup>h</sup> 8	0 <sup>h</sup> 1	9 <sup>h</sup> 14	12 <sup>h</sup> 22	16 <sup>h</sup> 26	12 <sup>h</sup> 17	2 <sup>m</sup> 40	4 <sup>h</sup> 13	0 <sup>h</sup> 31	1 <sup>h</sup> 17	8 <sup>h</sup> 12	22 <sup>h</sup> 58	S 6
M 7	23 4 35	14 <sup>h</sup> 32'09	13 <sup>h</sup> 05	2 <sup>m</sup> 43	1 <sup>h</sup> 15	9 <sup>h</sup> 27	12 <sup>h</sup> 22	16 <sup>h</sup> 22	12 <sup>h</sup> 15	2 <sup>m</sup> 43	4 <sup>h</sup> 13	0 <sup>h</sup> 29	1 <sup>h</sup> 14	8 <sup>h</sup> 18	22 <sup>h</sup> 55	M 7
T 8	23 8 31	15 <sup>h</sup> 30'17	28 <sup>h</sup> 58	4 <sup>m</sup> 17	2 <sup>h</sup> 29	9 <sup>h</sup> 39	12 <sup>h</sup> D22	16 <sup>h</sup> 18	12 <sup>h</sup> 13	2 <sup>m</sup> 45	4 <sup>h</sup> 13	0 <sup>h</sup> 27	1 <sup>h</sup> 11	8 <sup>h</sup> 25	22 <sup>h</sup> 52	T 8
W 9	23 12 28	16 <sup>h</sup> 28'27	13 <sup>h</sup> 52	5 <sup>m</sup> 50	3 <sup>h</sup> 43	9 <sup>h</sup> 50	12 <sup>h</sup> 22	16 <sup>h</sup> 15	12 <sup>h</sup> 10	2 <sup>m</sup> 47	4 <sup>h</sup> 12	0 <sup>h</sup> 26	1 <sup>h</sup> 8	8 <sup>h</sup> 32	22 <sup>h</sup> 49	W 9
T 10	23 16 24	17 <sup>h</sup> 26'39	28 <sup>h</sup> 36	7 <sup>m</sup> 22	4 <sup>h</sup> 57	10 <sup>h</sup> 0	12 <sup>h</sup> 22	16 <sup>h</sup> 11	12 <sup>h</sup> 8	2 <sup>m</sup> 49	4 <sup>h</sup> 12	0 <sup>h</sup> D25	1 <sup>h</sup> 5	8 <sup>h</sup> 38	22 <sup>h</sup> 46	T 10
F 11	23 20 21	18 <sup>h</sup> 24'52	13 <sup>h</sup> 1	8 <sup>m</sup> 52	6 <sup>h</sup> 12	10 <sup>h</sup> 10	12 <sup>h</sup> 22	16 <sup>h</sup> 8	12 <sup>h</sup> 6	2 <sup>m</sup> 51	4 <sup>h</sup> 12	0 <sup>h</sup> 25	1 <sup>h</sup> 1	8 <sup>h</sup> 45	22 <sup>h</sup> 43	F 11
S 12	23 24 17	19 <sup>h</sup> 23'06	27 <sup>h</sup> 3	10 <sup>m</sup> 21	7 <sup>h</sup> 26	10 <sup>h</sup> 19	12 <sup>h</sup> 23	16 <sup>h</sup> 5	12 <sup>h</sup> 3	2 <sup>m</sup> 53	4 <sup>h</sup> 12	0 <sup>h</sup> 26	0 <sup>h</sup> 58	8 <sup>h</sup> 52	22 <sup>h</sup> 41	S 12
S 13	23 28 14	20 <sup>h</sup> 21'23	10 <sup>h</sup> 40	11 <sup>m</sup> 49	8 <sup>h</sup> 40	10 <sup>h</sup> 27	12 <sup>h</sup> 24	16 <sup>h</sup> 1	12 <sup>h</sup> 1	2 <sup>m</sup> 55	4 <sup>h</sup> 12	0 <sup>h</sup> 27	0 <sup>h</sup> 55	8 <sup>h</sup> 59	22 <sup>h</sup> 38	S 13
M14	23 32 10	21 <sup>h</sup> 19'41	23 <sup>h</sup> 51	13 <sup>m</sup> 15	9 <sup>h</sup> 55	10 <sup>h</sup> 34	12 <sup>h</sup> 25	15 <sup>h</sup> 58	11 <sup>h</sup> 58	2 <sup>m</sup> 58	4 <sup>h</sup> 12	0 <sup>h</sup> 28	0 <sup>h</sup> 52	9 <sup>h</sup> 5	22 <sup>h</sup> 35	M14
T 15	23 36 7	22 <sup>h</sup> 18'00	6 <sup>h</sup> 40	14 <sup>m</sup> 40	11 <sup>h</sup> 9	10 <sup>h</sup> 41	12 <sup>h</sup> 26	15 <sup>h</sup> 55	11 <sup>h</sup> 56	3 <sup>m</sup> 0	4 <sup>h</sup> D12	0 <sup>h</sup> 29	0 <sup>h</sup> 49	9 <sup>h</sup> 12	22 <sup>h</sup> 33	T 15
W16	23 40 3	23 <sup>h</sup> 16'21	19 <sup>h</sup> 8	16 <sup>m</sup> 4	12 <sup>h</sup> 23	10 <sup>h</sup> 46	12 <sup>h</sup> 27	15 <sup>h</sup> 52	11 <sup>h</sup> 54	3 <sup>m</sup> 2	4 <sup>h</sup> 12	0 <sup>h</sup> R29	0 <sup>h</sup> 46	9 <sup>h</sup> 19	22 <sup>h</sup> 30	W16
T 17	23 44 0	24 <sup>h</sup> 14'43	1 <sup>h</sup> 31	17 <sup>m</sup> 27	13 <sup>h</sup> 38	10 <sup>h</sup> 51	12 <sup>h</sup> 29	15 <sup>h</sup> 49	11 <sup>h</sup> 51	3 <sup>m</sup> 4	4 <sup>h</sup> 12	0 <sup>h</sup> 29	0 <sup>h</sup> 42	9 <sup>h</sup> 25	22 <sup>h</sup> 27	T 17
F 18	23 47 57	25 <sup>h</sup> 13'07	13 <sup>h</sup> 22	18 <sup>m</sup> 48	14 <sup>h</sup> 52	10 <sup>h</sup> 55	12 <sup>h</sup> 30	15 <sup>h</sup> 46	11 <sup>h</sup> 49	3 <sup>m</sup> 6	4 <sup>h</sup> 12	0 <sup>h</sup> 29	0 <sup>h</sup> 39	9 <sup>h</sup> 32	22 <sup>h</sup> 25	F 18
S 19	23 51 53	26 <sup>h</sup> 11'33	25 <sup>h</sup> 16	20 <sup>m</sup> 8	16 <sup>h</sup> 6	10 <sup>h</sup> 58	12 <sup>h</sup> 32	15 <sup>h</sup> 43	11 <sup>h</sup> 47	3 <sup>m</sup> 8	4 <sup>h</sup> 12	0 <sup>h</sup> 28	0 <sup>h</sup> 36	9 <sup>h</sup> 39	22 <sup>h</sup> 22	S 19
S 20	23 55 50	27 <sup>h</sup> 10'00	7 <sup>h</sup> 7	21 <sup>m</sup> 27	17 <sup>h</sup> 21	11 <sup>h</sup> 0	12 <sup>h</sup> 34	15 <sup>h</sup> 40	11 <sup>h</sup> 45	3 <sup>m</sup> 10	4 <sup>h</sup> 12	0 <sup>h</sup> 28	0 <sup>h</sup> 33	9 <sup>h</sup> 45	22 <sup>h</sup> 20	S 20
M21	23 59 46	28 <sup>h</sup> 8'29	18 <sup>h</sup> 59	22 <sup>m</sup> 44	18 <sup>h</sup> 35	11 <sup>h</sup> 2	12 <sup>h</sup> 37	15 <sup>h</sup> 38	11 <sup>h</sup> 42	3 <sup>m</sup> 12	4 <sup>h</sup> 12	0 <sup>h</sup> 27	0 <sup>h</sup> 30	9 <sup>h</sup> 52	22 <sup>h</sup> 17	M21
T 22	0 3 43	29 <sup>h</sup> 7'00	0 <sup>h</sup> 55	23 <sup>m</sup> 59	19 <sup>h</sup> 50	11 <sup>h</sup> R 2	12 <sup>h</sup> 39	15 <sup>h</sup> 35	11 <sup>h</sup> 40	3 <sup>m</sup> 14	4 <sup>h</sup> 13	0 <sup>h</sup> 27	0 <sup>h</sup> 26	9 <sup>h</sup> 59	22 <sup>h</sup> 15	T 22
W23	0 7 39	0 <sup>h</sup> 53'32	12 <sup>h</sup> 59	25 <sup>m</sup> 13	21 <sup>h</sup> 4	11 <sup>h</sup> 2	12 <sup>h</sup> 42	15 <sup>h</sup> 32	11 <sup>h</sup> 38	3 <sup>m</sup> 16	4 <sup>h</sup> 13	0 <sup>h</sup> D27	0 <sup>h</sup> 23	10 <sup>h</sup> 5	22 <sup>h</sup> 13	W23
T 24	0 11 36	1 <sup>h</sup> 4'06	25 <sup>m</sup> 11	26 <sup>m</sup> 25	22 <sup>h</sup> 19	11 <sup>h</sup> 0	12 <sup>h</sup> 45	15 <sup>h</sup> 30	11 <sup>h</sup> 36	3 <sup>m</sup> 18	4 <sup>h</sup> 13	0 <sup>h</sup> R27	0 <sup>h</sup> 20	10 <sup>h</sup> 12	22 <sup>h</sup> 11	T 24
F 25	0 15 32	2 <sup>h</sup> 2'42	7 <sup>h</sup> 35	27 <sup>m</sup> 36	23 <sup>h</sup> 34	10 <sup>h</sup> 58	12 <sup>h</sup> 48	15 <sup>h</sup> 28	11 <sup>h</sup> 33	3 <sup>m</sup> 20	4 <sup>h</sup> 13	0 <sup>h</sup> 27	0 <sup>h</sup> 17	10 <sup>h</sup> 19	22 <sup>h</sup> 8	F 25
S 26	0 19 29	3 <sup>h</sup> 1'20	20 <sup>h</sup> 10	28 <sup>m</sup> 44	24 <sup>h</sup> 48	10 <sup>h</sup> 55	12 <sup>h</sup> 51	15 <sup>h</sup> 25	11 <sup>h</sup> 31	3 <sup>m</sup> 22	4 <sup>h</sup> 14	0 <sup>h</sup> 27	0 <sup>h</sup> 14	10 <sup>h</sup> 25	22 <sup>h</sup> 6	S 26
S 27	0 23 26	4 <sup>h</sup> 0'00	2 <sup>h</sup> 59	29 <sup>m</sup> 51	26 <sup>h</sup> 3	10 <sup>h</sup> 51	12 <sup>h</sup> 54	15 <sup>h</sup> 23	11 <sup>h</sup> 29	3 <sup>m</sup> 24	4 <sup>h</sup> 14	0 <sup>h</sup> 27	0 <sup>h</sup> 11	10 <sup>h</sup> 32	22 <sup>h</sup> 4	S 27
M28	0 27 22	4 <sup>h</sup> 58'42	16 <sup>h</sup> 1	0 <sup>h</sup> 55	27 <sup>h</sup> 17	10 <sup>h</sup> 47	12 <sup>h</sup> 58	15 <sup>h</sup> 21	11 <sup>h</sup> 27	3 <sup>m</sup> 26	4 <sup>h</sup> 14	0 <sup>h</sup> 26	0 <sup>h</sup> 7	10 <sup>h</sup> 39	22 <sup>h</sup> 2	M28
T 29	0 31 19	5 <sup>h</sup> 57'27	29 <sup>h</sup> 17	1 <sup>h</sup> 57	28 <sup>h</sup> 32	10 <sup>h</sup> 41	13 <sup>h</sup> 2	15 <sup>h</sup> 19	11 <sup>h</sup> 25	3 <sup>m</sup> 28	4 <sup>h</sup> 15	0 <sup>h</sup> 25	0 <sup>h</sup> 4	10 <sup>h</sup> 46	22 <sup>h</sup> 0	T 29
W30	0 35 15	6 <sup>h</sup> 56'13	12 <sup>h</sup> II47	2 <sup>h</sup> 57	29 <sup>h</sup> 47	10 <sup>h</sup> 34	13 <sup>h</sup> 6	15 <sup>h</sup> 17	11 <sup>h</sup> 23	3 <sup>m</sup> 30	4 <sup>h</sup> 15	0 <sup>h</sup> 25	0 <sup>h</sup> 1	10 <sup>h</sup> 52	21 <sup>h</sup> 58	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n17	13n39	3s57	3n37	0n52	14n31	1n 1	10n45	3s35	23s 3	0s13	16s49	1s 4	7s37	0s49	11n 3
W 2	7 55	16 3	4 38	2 51	0 46	14 8	1 3	10 50	3 35	23 3	0 13	16 50	1 4	7 38	0 49	11 2
T 3	7 33	17 36	5 6	2 5	0 39	13 45	1 5	10 55	3 35	23 3	0 13	16 51	1 4	7 39	0 49	11 1
F 4	7 11	18 9	5 16	1 19	0 32	13 21	1 6	11 0	3 35	23 3	0 14	16 53	1 4	7 40	0 49	11 1
S 5	6 49	17 33	5 7	0 34	0 25	12 57	1 8	11 5	3 35	23 3	0 14	16 54	1 5	7 41	0 49	11 0
S 6	6 27	15 47	4 37	0s11	0 17	12 32	1 9	11 9	3 35	23 3	0 14	16 55	1 5	7 42	0 49	10 59
M 7	6 5	12 56	3 49	0 56	0 10	12 7	1 11	11 13	3 35	23 4	0 14	16 56	1 5	7 43	0 49	10 58
T 8	5 42	9 14	2 45	1 40	0 2	11 42	1 12	11 17	3 34	23 4	0 14	16 57	1 5	7 43	0 49	10 58
W 9	5 20	4 57	1 30	2 24	0s 5	11 16	1 13	11 21	3 34	23 4	0 14	16 58	1 5	7 44	0 49	10 57
T 10	4 57	0 24	0 10	3 7	0 13	10 50	1 15	11 25	3 34	23 4	0 14	16 59	1 5	7 45	0 49	10 56
F 11	4 35	4s 4	1n 9	3 50	0 21	10 24	1 16	11 28	3 33	23 4	0 14	17 0	1 5	7 46	0 49	10 55
S 12	4 12	8 11	2 22	4 32	0 29	9 58	1 17	11 31	3 33	23 4	0 14	17 1	1 5	7 47	0 49	10 55
S 13	3 49	11 45	3 25	5 14	0 37	9 31	1 18	11 34	3 32	23 4	0 14	17 2	1 5	7 48	0 49	10 54
M14	3 26	14 35	4 15	5 55	0 45	9 4	1 19	11 37	3 32	23 4	0 14	17 3	1 5	7 49	0 49	10 53
T 15	3 3	16 37	4 50	6 36	0 53	8 36	1 20	11 40	3 31	23 4	0 14	17 4	1 5	7 50	0 49	10 52
W16	2 40	17 48	5 11	7 16	1 2	8 9	1 21	11 42	3 30	23 4	0 15	17 5	1 5	7 51	0 49	10 52
T 17	2 17	18 7	5 17	7 55	1 10	7 41	1 22	11 44	3 29	23 4	0 15	17 6	1 5	7 52	0 49	10 51
F 18	1 54	17 36	5 9	8 33	1 18	7 13	1 22	11 46	3 29	23 4	0 15	17 7	1 5	7 52	0 49	10 50
S 19	1 31	16 20	4 48	9 11	1 26	6 45	1 23	11 48	3 28	23 3	0 15	17 8	1 5	7 53	0 49	10 49
S 20	1 8	14 21	4 15	9 48	1 34	6 16	1 24	11 50	3 27	23 3	0 15	17 9	1 5	7 54	0 49	10 49
M21	0 44	11 46	3 30	10 24	1 42	5 48	1 24	11 51	3 26	23 3	0 15	17 9	1 5	7 55	0 49	10 48
T 22	0 21	8 41	2 37	11 0	1 50	5 19	1 25	11 52	3 24	23 3	0 15	17 10	1 5	7 56	0 49	10 47
W23	0s 2	5 12	1 36	11 34	1 58	4 50	1 25	11 53	3 23	23 3	0 15	17 11	1 5	7 57	0 49	10 46
T 24	0 25	1 28	0 29	12 8	2 5	4 21	1 25	11 54	3 22	23 3	0 15	17 12	1 5	7 57	0 49	10 46
F 25	0 49	2n24	0s39	12 40	2 13	3 52	1 26	11 55	3 21	23 2	0 15	17 12	1 5	7 58	0 49	10 45
S 26	1 12	6 13	1 47	13 12	2 20	3 23	1 26	11 55	3 19	23 2	0 15	17 13	1 5	7 59	0 49	10 44
S 27	1 35	9 48	2 51	13 42	2 28	2 53	1 26	11 56	3 18	23 2	0 15	17 14	1 5	8 0	0 49	10 44

ASTRODIENST EPHEMERIS for the year 2257  
geocentric

OCTOBER 2257

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 39 12	7♌55'02	26♊32	3♈54	1♌2	10°R27	13♎10	15°R15	11°R21	3♈32	4♌16	0°R24	29♈58	10♌59	21°R56	T 1
F 2	0 43 8	8°53'53	10♊30	4°48	2°16	10♌19	13°14	15♌13	11♈19	3°34	4°16	0°D24	29°55	11°6	21♌54	F 2
S 3	0 47 5	9°52'47	24°40	5°40	3°31	10°10	13°19	15°12	11°17	3°36	4°17	0♌25	29°51	11°12	21°52	S 3
S 4	0 51 1	10°51'42	9♊1	6°27	4°46	10°0	13°23	15°10	11°15	3°38	4°17	0°25	29°48	11°19	21°51	S 4
M 5	0 54 58	11°50'40	23°30	7°12	6°1	9°49	13°28	15°9	11°13	3°40	4°18	0°26	29°45	11°26	21°49	M 5
T 6	0 58 55	12°49'40	8♈3	7°52	7°16	9°37	13°33	15°7	11°11	3°41	4°19	0°27	29°42	11°32	21°47	T 6
W 7	1 2 51	13°48'43	22°33	8°28	8°30	9°25	13°38	15°6	11°9	3°43	4°19	0°28	29°39	11°39	21°46	W 7
T 8	1 6 48	14°47'47	6♌57	9°0	9°45	9°12	13°44	15°5	11°7	3°45	4°20	0°R28	29°36	11°46	21°44	T 8
F 9	1 10 44	15°46'54	21°9	9°26	11°0	8°58	13°49	15°4	11°5	3°47	4°21	0°27	29°32	11°52	21°43	F 9
S 10	1 14 41	16°46'02	5♈3	9°47	12°15	8°43	13°55	15°3	11°3	3°49	4°21	0°25	29°29	11°59	21°41	S 10
S 11	1 18 37	17°45'13	18°37	10°2	13°30	8°28	14°0	15°2	11°1	3°50	4°22	0°23	29°26	12°6	21°40	S 11
M12	1 22 34	18°44'25	1♌49	10°10	14°45	8°12	14°6	15°1	11°0	3°52	4°23	0°20	29°23	12°12	21°39	M12
T 13	1 26 30	19°43'39	14°40	10°R12	16°0	7°56	14°13	15°0	10°58	3°54	4°24	0°18	29°20	12°19	21°38	T 13
W14	1 30 27	20°42'55	27°11	10°6	17°15	7°39	14°19	15°0	10°56	3°55	4°25	0°15	29°17	12°26	21°36	W14
T 15	1 34 23	21°42'13	9♌25	9°52	18°30	7°22	14°25	14°59	10°55	3°57	4°26	0°14	29°13	12°33	21°35	T 15
F 16	1 38 20	22°41'33	21°27	9°31	19°45	7°4	14°32	14°59	10°53	3°59	4°27	0°D13	29°10	12°39	21°34	F 16
S 17	1 42 17	23°40'54	3♌21	9°1	21°0	6°45	14°39	14°58	10°52	4°0	4°28	0°14	29°7	12°46	21°33	S 17
S 18	1 46 13	24°40'17	15°12	8°23	22°15	6°27	14°46	14°58	10°50	4°2	4°28	0°15	29°4	12°53	21°32	S 18
M19	1 50 10	25°39'42	27°4	7°36	23°30	6°8	14°53	14°D58	10°49	4°3	4°30	0°17	29°1	12°59	21°32	M19
T 20	1 54 6	26°39'09	9♈3	6°42	24°45	5°49	15°0	14°58	10°47	4°5	4°31	0°18	28°57	13°6	21°31	T 20
W21	1 58 3	27°38'37	21°12	5°41	26°0	5°29	15°7	14°58	10°46	4°6	4°32	0°20	28°54	13°13	21°30	W21
T 22	2 1 59	28°38'08	3♈35	4°34	27°15	5°9	15°15	14°59	10°44	4°8	4°33	0°R20	28°51	13°19	21°30	T 22
F 23	2 5 56	29°37'40	16°13	3°23	28°30	4°50	15°22	14°59	10°43	4°9	4°34	0°19	28°48	13°26	21°29	F 23
S 24	2 9 52	0♈37'14	29°8	2°9	29°45	4°30	15°30	14°59	10°42	4°11	4°35	0°16	28°45	13°33	21°28	S 24
S 25	2 13 49	1°36'50	12♌20	0°54	1♈0	4°10	15°38	15°0	10°40	4°12	4°36	0°12	28°42	13°39	21°28	S 25
M26	2 17 46	2°36'28	25°48	29♌41	2°15	3°50	15°46	15°0	10°39	4°13	4°37	0°7	28°38	13°46	21°28	M26
T 27	2 21 42	3°36'09	9♊29	28°32	3°31	3°30	15°54	15°1	10°38	4°15	4°39	0°2	28°35	13°53	21°27	T 27
W28	2 25 39	4°35'51	23°21	27°29	4°46	3°11	16°3	15°2	10°37	4°16	4°40	29♈57	28°32	13°59	21°27	W28
T 29	2 29 35	5°35'36	7♌21	26°34	6°1	2°51	16°11	15°3	10°36	4°17	4°41	29°53	28°29	14°6	21°27	T 29
F 30	2 33 32	6°35'23	21°26	25°48	7°16	2°32	16°20	15°4	10°35	4°18	4°43	29°50	28°26	14°13	21°27	F 30
S 31	2 37 28	7♈35'12	5♊34	25♌12	8♈31	2♌13	16♌29	15♌5	10♈34	4♈20	4♌44	29°D49	28♈23	14♌20	21°D27	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	decl	lat	lat
T 1	3s 8	18n 5	5s16	15s32	2s54	0n54	1n26	11n55	3s11	23s 1	0s16	17s16	1s 5	8s 3	0s49	10n41	0n31	17s59	5n21	0s10	0n 1	13s42	7s46	6n45		
F 2	3 31	17 48	5 12	15 56	3 0	0 25	1 26	11 54	3 9	23 0	0 16	17 17	1 5	8 4	0 49	10 40	0 31	18 0	5 21	0 10	0 2	13 41	7 47	6 45		
S 3	3 54	16 25	4 49	16 19	3 6	0s 5	1 26	11 53	3 7	23 0	0 16	17 17	1 5	8 5	0 49	10 40	0 31	18 0	5 20	0 10	0 3	13 40	7 48	6 44		
S 4	4 18	13 59	4 8	16 39	3 11	0 35	1 25	11 52	3 5	23 0	0 16	17 17	1 5	8 5	0 49	10 39	0 31	18 0	5 20	0 10	0 5	13 39	7 49	6 44		
M 5	4 41	10 40	3 11	16 58	3 16	1 5	1 25	11 51	3 2	22 59	0 16	17 18	1 5	8 6	0 49	10 38	0 31	18 0	5 20	0 10	0 6	13 37	7 50	6 44		
T 6	5 4	6 40	2 1	17 16	3 20	1 35	1 24	11 49	3 0	22 59	0 16	17 18	1 5	8 7	0 49	10 38	0 31	18 1	5 19	0 11	0 7	13 36	7 51	6 43		
W 7	5 26	2 17	0 44	17 31	3 23	2 5	1 24	11 48	2 58	22 58	0 16	17 19	1 5	8 7	0 49	10 37	0 31	18 1	5 19	0 11	0 8	13 35	7 52	6 43		
T 8	5 49	2s12	0n36	17 44	3 26	2 35	1 23	11 46	2 55	22 58	0 16	17 19	1 5	8 8	0 49	10 36	0 31	18 1	5 19	0 11	0 10	13 34	7 53	6 42		
F 9	6 12	6 30	1 52	17 54	3 28	3 5	1 23	11 44	2 53	22 57	0 16	17 19	1 4	8 9	0 49	10 36	0 31	18 1	5 19	0 11	0 11	13 33	7 54	6 42		
S 10	6 35	10 22	3 0	18 2	3 30	3 35	1 22	11 42	2 50	22 57	0 16	17 20	1 4	8 9	0 49	10 35	0 31	18 2	5 18	0 10	0 12	13 31	7 55	6 41		
S 11	6 57	13 34	3 56	18 7	3 30	4 4	1 21	11 40	2 47	22 56	0 16	17 20	1 4	8 10	0 48	10 34	0 31	18 2	5 18	0 9	0 13	13 30	7 55	6 41		
M12	7 20	15 58	4 37	18 9	3 29	4 34	1 20	11 38	2 44	22 56	0 16	17 20	1 4	8 11	0 48	10 34	0 31	18 2	5 18	0 8	0 15	13 29	7 56	6 41		
T 13	7 42	17 30	5 4	18 8	3 28	5 4	1 20	11 35	2 41	22 55	0 16	17 20	1 4	8 11	0 48	10 33	0 31	18 2	5 18	0 7	0 16	13 28	7 57	6 40		
W14	8 5	18 8	5 15	18 3	3 25	5 33	1 19	11 33	2 38	22 54	0 16	17 20	1 4	8 12	0 48	10 33	0 32	18 3	5 17	0 6	0 17	13 26	7 58	6 40		
T 15	8 27	17 54	5 11	17 55	3 20	6 3	1 18	11 30	2 35	22 54	0 16	17 20	1 4	8 13	0 48	10 32	0 32	18 3	5 17	0 6	0 19	13 25	7 59	6 39		
F 16	8 49	16 51	4 54	17 42	3 14	6 32	1 17	11 27	2 32	22 53	0 17	17 21	1 4	8 13	0 48	10 32	0 32	18 3	5 17	0 5	0 20	13 24	7 59	6 39		
S 17	9 11	15 5	4 24	17 25	3 6	7 1	1 15	11 24	2 29	22 52	0 17	17 21	1 4	8 14	0 48	10 31	0 32	18 3	5 17	0 5	0 21	13 22	8 0	6 38		
S 18	9 33	12 42	3 43	17 4	2 57	7 30	1 14	11 21	2 25	22 52	0 17	17 21	1 4	8 14	0 48	10 30	0 32	18 4	5 16	0 6	0 22	13 21	8 1	6 38		
M19	9 54	9 46	2 53	16 38	2 46	7 59	1 13	11 19	2 22	22 51	0 17	17 21	1 4	8 15	0 48	10 30	0 32	18 4	5 16	0 7	0 24	13 20	8 2	6 37		
T 20	10 16	6 24	1 54	16 8	2 33	8 28	1 12	11 16	2 19	22 50	0 17	17 21	1 4	8 15	0 48	10 29	0 32	18 4	5 16	0 7	0 25	13 19	8 2	6 37		
W21	10 37	2 43	0 50	15 34	2 18	8 56	1 10	11 12	2 15	22 50	0 17	17 21	1 4	8 16	0 48	10 29	0 32	18 4	5 16	0 8	0 26	13 17	8 3	6 36		
T 22	10 58	1n 9	0s18	14 56	2 2	9 24	1 9	11 9	2 11	22 49	0 17	17 20	1 4	8 16	0 48	10 28	0 32	18 4	5 15	0 8	0 27	13 16	8 4	6 36		
F 23	11 19	5 3	1 26	14 15	1 44	9 52	1 8	11 6	2 8	22 48	0 17	17 20	1 4	8 17	0 48	10 28	0 32	18 5	5 15	0 7	0 29	13 15	8 4	6 35		
S 24	11 40	8 47	2 31	13 32	1 25	10 20	1 6	11 3	2 4	22 47	0 17	17 20	1 4	8 17	0 48	10 27	0 32	18 5	5 15	0 6	0 30	13 14	8 5	6 35		
S 25	12 1	12 11	3 30	12 47	1 5	10 48	1 5	11 0	2 0	22 46	0 17	17 20	1 4	8 18	0 48	10 27	0 32	18 5	5 15	0 5	0 31	13 12	8 5	6 35		
M26	12 22	15 0	4 18	12 2	0 44	11 15	1 3	10 57	1 56	22 45	0 17	17 20	1 4	8 18	0 48	10 26	0 32	18 5	5 14	0 3	0 32	13 11	8 6	6 34		
T 27	12 42	17 2	4 52	11 18	0 23	11 42	1 1	10 54	1 53	22 44	0 17	17 20	1 4	8 19	0 48	10 26	0 32	18 5	5 14	0 1	0 34	13 10	8 7	6 34		
W28	13 2	18 5	5 9	10 37	0 3	12 9	1 0	10 51	1 49	22 44	0 17	17 19	1 4	8 19	0 48	10 26	0 32	18 6	5 14	0n 1	0 35	13 8	8 7	6 33		
T 29	13 22	18 4	5 9	9 58	0n17	12 36	0 58	10 48	1 45	22 43	0 17	17 19	1 4	8 19	0 48	10 25	0 32	18 6	5 14	0 3	0 36	13 7	8 8	6 33		
F 30	13 42	16 56	4 50	9 24	0 35	13 2	0 56	10 45	1 41	22 42	0 17	17 19	1 4	8 20	0 48	10 25	0 32	18 6	5 13	0 4	0 37	13 6	8 8	6 32		
S 31	14s 1	14n45	4s13	8s55	0n53	13s28	0n54	10n42	1s37	22s41	0s17	17s18	1s 4	8s20	0s48	10n24	0n32	18s 6	5n13	0n 4	0n39	13s 5	8s 9	6n32		

# ASTRODIENST EPHEMERIS for the year 2257

## geocentric

NOVEMBER 2257

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 25	8♉35°04	19♊44	24°R48	9♉46	1°R54	16♊37	15♊6	10°R33	4♉21	4♊45	29♉49	28♉19	14♊26	21♊27	S 1
M 2	2 45 21	9°34'57	3♉53	24♊35	11° 2	1♊36	16°46	15° 7	10♉32	4°22	4°47	29°51	28°16	14°33	21°27	M 2
T 3	2 49 18	10°34'53	18° 0	24°D33	12°17	1°18	16°56	15° 9	10°31	4°23	4°48	29°52	28°13	14°40	21°27	T 3
W 4	2 53 15	11°34'51	2♊ 3	24°43	13°32	1° 0	17° 5	15°10	10°30	4°24	4°50	29°R53	28°10	14°46	21°28	W 4
T 5	2 57 11	12°34'51	15°59	25° 3	14°47	0°43	17°14	15°12	10°30	4°25	4°51	29°51	28° 7	14°53	21°28	T 5
F 6	3 1 8	13°34'53	29°47	25°33	16° 2	0°26	17°24	15°14	10°29	4°26	4°53	29°48	28° 3	15° 0	21°28	F 6
S 7	3 5 4	14°34'57	13♉23	26°12	17°18	0°10	17°33	15°16	10°28	4°27	4°54	29°43	28° 0	15° 6	21°29	S 7
S 8	3 9 1	15°35'03	26°43	26°59	18°33	29°V55	17°43	15°17	10°28	4°28	4°56	29°35	27°57	15°13	21°29	S 8
M 9	3 12 57	16°35'11	9♊47	27°53	19°48	29°40	17°53	15°19	10°27	4°29	4°57	29°27	27°54	15°20	21°30	M 9
T 10	3 16 54	17°35'21	22°33	28°54	21° 3	29°26	18° 3	15°22	10°27	4°30	4°59	29°18	27°51	15°26	21°30	T 10
W11	3 20 50	18°35'32	5♊ 2	29°59	22°18	29°13	18°13	15°24	10°26	4°31	5° 1	29°10	27°48	15°33	21°31	W11
T 12	3 24 47	19°35'44	17°16	1♉11	23°34	29° 0	18°23	15°26	10°26	4°32	5° 2	29° 3	27°44	15°40	21°32	T 12
F 13	3 28 44	20°35'59	29°18	2°26	24°49	28°48	18°33	15°28	10°25	4°33	5° 4	28°58	27°41	15°46	21°33	F 13
S 14	3 32 40	21°36'14	11♊11	3°45	26° 4	28°37	18°44	15°31	10°25	4°34	5° 6	28°56	27°38	15°53	21°34	S 14
S 15	3 36 37	22°36'32	23° 0	5° 6	27°19	28°26	18°54	15°34	10°25	4°34	5° 7	28°D55	27°35	16° 0	21°35	S 15
M16	3 40 33	23°36'50	4♊52	6°30	28°35	28°17	19° 5	15°36	10°25	4°35	5° 9	28°55	27°32	16° 6	21°36	M16
T 17	3 44 30	24°37'10	16°50	7°57	29°50	28° 8	19°16	15°39	10°24	4°36	5°11	28°56	27°28	16°13	21°37	T 17
W18	3 48 26	25°37'32	29° 1	9°25	1♊5	28° 0	19°26	15°42	10°24	4°36	5°12	28°R57	27°25	16°20	21°38	W18
T 19	3 52 23	26°37'54	11°V28	10°54	2°21	27°52	19°37	15°45	10°24	4°37	5°14	28°56	27°22	16°26	21°39	T 19
F 20	3 56 19	27°38'19	24°16	12°25	3°36	27°46	19°48	15°48	10°D24	4°38	5°16	28°53	27°19	16°33	21°41	F 20
S 21	4 0 16	28°38'44	7♊26	13°56	4°51	27°40	19°59	15°51	10°24	4°38	5°18	28°48	27°16	16°40	21°42	S 21
S 22	4 4 13	29°39'12	20°59	15°29	6° 6	27°36	20°11	15°54	10°24	4°39	5°20	28°40	27°13	16°46	21°44	S 22
M23	4 8 9	0♊39'40	4♉52	17° 1	7°22	27°32	20°22	15°58	10°25	4°39	5°22	28°30	27° 9	16°53	21°45	M23
T 24	4 12 6	1°40'11	19° 2	18°35	8°37	27°28	20°33	16° 1	10°25	4°40	5°23	28°19	27° 6	17° 0	21°47	T 24
W25	4 16 2	2°40'43	3♊22	20° 9	9°52	27°26	20°45	16° 5	10°25	4°40	5°25	28° 9	27° 3	17° 7	21°48	W25
T 26	4 19 59	3°41'16	17°48	21°43	11° 7	27°24	20°56	16° 8	10°25	4°41	5°27	28° 0	27° 0	17°13	21°50	T 26
F 27	4 23 55	4°41'52	2♊13	23°17	12°23	27°24	21° 8	16°12	10°26	4°41	5°29	27°54	26°57	17°20	21°52	F 27
S 28	4 27 52	5°42'29	16°33	24°51	13°38	27°D24	21°20	16°16	10°26	4°41	5°31	27°50	26°54	17°27	21°54	S 28
S 29	4 31 48	6°43'07	0♉44	26°26	14°53	27°24	21°32	16°19	10°27	4°42	5°33	27°49	26°50	17°33	21°56	S 29
M30	4 35 45	7♊43'48	14♉45	28♉ 0	16♊ 9	27°V26	21♊44	16♊23	10♉27	4♉42	5♊35	27°D49	26♉47	17♊40	21♊57	M30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s21	11n42	3s21	8s32	1n 8	13s53	0n52	10n40	1s33	22s40	0s17	17s18	1s 4	8s20	0s48	10n24
M 2	14 40	7 57	2 17	8 14	1 22	14 19	0 51	10 37	1 29	22 39	0 18	17 17	1 4	8 21	0 48	10 23
T 3	14 58	3 45	1 4	8 2	1 34	14 44	0 49	10 34	1 25	22 37	0 18	17 17	1 4	8 21	0 48	10 23
W 4	15 17	0s38	0n12	7 56	1 45	15 8	0 47	10 32	1 21	22 36	0 18	17 17	1 4	8 21	0 48	10 23
T 5	15 35	4 57	1 26	7 55	1 54	15 32	0 45	10 30	1 17	22 35	0 18	17 16	1 4	8 21	0 48	10 22
F 6	15 54	8 58	2 35	7 59	2 1	15 56	0 43	10 28	1 13	22 34	0 18	17 15	1 4	8 22	0 48	10 22
S 7	16 11	12 26	3 33	8 8	2 6	16 19	0 40	10 26	1 9	22 33	0 18	17 15	1 4	8 22	0 48	10 22
S 8	16 29	15 12	4 19	8 22	2 10	16 42	0 38	10 24	1 6	22 32	0 18	17 14	1 4	8 22	0 48	10 21
M 9	16 46	17 7	4 50	8 38	2 13	17 5	0 36	10 23	1 2	22 30	0 18	17 14	1 4	8 22	0 48	10 21
T 10	17 3	18 7	5 5	8 59	2 14	17 27	0 34	10 21	0 58	22 29	0 18	17 13	1 3	8 22	0 47	10 21
W11	17 20	18 13	5 6	9 21	2 14	17 48	0 32	10 20	0 54	22 28	0 18	17 12	1 3	8 23	0 47	10 20
T 12	17 36	17 28	4 52	9 47	2 14	18 9	0 30	10 19	0 50	22 27	0 18	17 12	1 3	8 23	0 47	10 20
F 13	17 52	15 56	4 26	10 14	2 12	18 30	0 27	10 18	0 47	22 25	0 18	17 11	1 3	8 23	0 47	10 20
S 14	18 8	13 44	3 48	10 43	2 9	18 50	0 25	10 18	0 43	22 24	0 18	17 10	1 3	8 23	0 47	10 20
S 15	18 24	10 59	3 1	11 13	2 6	19 10	0 23	10 17	0 39	22 22	0 18	17 9	1 3	8 23	0 47	10 19
M16	18 39	7 46	2 6	11 44	2 3	19 29	0 20	10 17	0 36	22 21	0 18	17 8	1 3	8 23	0 47	10 19
T 17	18 54	4 12	1 5	12 16	1 58	19 47	0 18	10 17	0 32	22 20	0 18	17 8	1 3	8 23	0 47	10 19
W18	19 8	0 24	0s 0	12 49	1 54	20 5	0 16	10 18	0 29	22 18	0 18	17 7	1 3	8 23	0 47	10 19
T 19	19 22	3n30	1 7	13 21	1 48	20 23	0 13	10 18	0 25	22 17	0 19	17 6	1 3	8 23	0 47	10 18
F 20	19 36	7 22	2 11	13 54	1 43	20 40	0 11	10 19	0 22	22 15	0 19	17 5	1 3	8 23	0 47	10 18
S 21	19 50	10 58	3 11	14 27	1 37	20 56	0 9	10 20	0 19	22 13	0 19	17 4	1 3	8 23	0 47	10 18
S 22	20 3	14 6	4 1	15 0	1 31	21 12	0 6	10 22	0 16	22 12	0 19	17 3	1 3	8 23	0 47	10 18
M23	20 16	16 31	4 38	15 32	1 25	21 27	0 4	10 23	0 12	22 10	0 19	17 2	1 3	8 23	0 47	10 18
T 24	20 28	17 59	4 59	16 5	1 18	21 41	0 1	10 25	0 9	22 9	0 19	17 1	1 3	8 23	0 47	10 18
W25	20 40	18 20	5 2	16 36	1 12	21 55	0s 1	10 27	0 6	22 7	0 19	17 0	1 3	8 22	0 47	10 17
T 26	20 51	17 30	4 46	17 7	1 5	22 8	0 3	10 29	0 3	22 5	0 19	16 59	1 3	8 22	0 47	10 17
F 27	21 3	15 33	4 11	17 38	0 58	22 20	0 6	10 32	0 0	22 3	0 19	16 58	1 3	8 22	0 47	10 17
S 28	21 14	12 40	3 21	18 8	0 51	22 32	0 8	10 34	0n 3	22 2	0 19	16 56	1 3	8 22	0 47	10 17
S 29	21 24	9 2	2 19	18 37	0 44	22 44	0 11	10 37	0 5	22 0	0 19	16 55	1 3	8 22	0 47	10 17
M30	21s34	4n56	1s 9	19s 5	0n37	22s54	0s13	10n40	0n 8	21s58	0s19	16s54	1s 3	8s22	0s47	10n17

Julian Day Number = 2545716.5, Delta T = 231.09 sec

Ecliptic obliquity = 23°24'12, Nutation = - 0°00'02, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°20'38, Lahiri = 27°27'39

# ASTRODIENST EPHEMERIS for the year 2257

## geocentric

DECEMBER 2257

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 42	8°44'29	28°36	29°35	17°24	27°28	21°56	16°27	10°28	4°42	5°37	27°49	26°44	17°47	22°00	T 1
W 2	4 43 38	9°45'13	12°18	1°9	18°39	27°31	22°8	16°31	10°28	4°42	5°39	27°48	26°41	17°53	22°02	W 2
T 3	4 47 35	10°45'58	25°49	2°44	19°54	27°35	22°20	16°36	10°29	4°42	5°41	27°45	26°38	18°00	22°04	T 3
F 4	4 51 31	11°46'45	9°11	4°18	21°10	27°40	22°32	16°40	10°30	4°42	5°43	27°39	26°34	18°07	22°06	F 4
S 5	4 55 28	12°47'33	22°23	5°52	22°25	27°45	22°44	16°44	10°30	4°43	5°45	27°30	26°31	18°13	22°08	S 5
S 6	4 59 24	13°48'22	5°23	7°27	23°40	27°51	22°57	16°49	10°31	4°43	5°47	27°19	26°28	18°20	22°11	S 6
M 7	5 3 21	14°49'13	18°11	9°01	24°56	27°58	23°09	16°53	10°32	4°43	5°49	27°05	26°25	18°27	22°13	M 7
T 8	5 7 17	15°50'05	0°34	10°35	26°11	28°06	23°22	16°58	10°33	4°43	5°51	26°51	26°22	18°33	22°15	T 8
W 9	5 11 14	16°50'57	13°07	12°09	27°26	28°14	23°34	17°02	10°34	4°43	5°53	26°38	26°19	18°40	22°18	W 9
T 10	5 15 11	17°51'51	25°16	13°43	28°42	28°23	23°47	17°07	10°35	4°42	5°55	26°26	26°15	18°47	22°20	T 10
F 11	5 19 07	18°52'46	7°14	15°18	29°57	28°32	24°00	17°12	10°36	4°42	5°57	26°17	26°12	18°53	22°23	F 11
S 12	5 23 04	19°53'41	19°05	16°52	1°12	28°43	24°12	17°17	10°37	4°42	6°00	26°11	26°09	19°00	22°26	S 12
S 13	5 27 00	20°54'37	0°53	18°26	2°27	28°54	24°25	17°22	10°38	4°42	6°02	26°08	26°06	19°07	22°28	S 13
M14	5 30 57	21°55'34	12°42	20°00	3°43	29°05	24°38	17°27	10°39	4°42	6°04	26°06	26°03	19°13	22°31	M14
T 15	5 34 53	22°56'32	24°38	21°34	4°58	29°17	24°51	17°32	10°41	4°42	6°06	26°06	26°00	19°20	22°34	T 15
W16	5 38 50	23°57'30	6°46	23°09	6°13	29°30	25°04	17°37	10°42	4°41	6°08	26°06	25°56	19°27	22°37	W16
T 17	5 42 46	24°58'28	19°11	24°43	7°29	29°44	25°17	17°42	10°43	4°41	6°10	26°04	25°53	19°33	22°40	T 17
F 18	5 46 43	25°59'28	2°00	26°17	8°44	29°58	25°30	17°47	10°45	4°41	6°12	26°01	25°50	19°40	22°43	F 18
S 19	5 50 40	27°00'27	15°14	27°52	9°59	0°12	25°43	17°53	10°46	4°40	6°15	25°55	25°47	19°47	22°46	S 19
S 20	5 54 36	28°01'28	28°57	29°26	11°14	0°27	25°57	17°58	10°48	4°40	6°17	25°46	25°44	19°53	22°49	S 20
M21	5 58 33	29°02'29	13°16	1°13	12°30	0°43	26°10	18°04	10°49	4°39	6°19	25°34	25°40	20°00	22°52	M21
T 22	6 02 29	0°30'30	27°37	2°36	13°45	0°59	26°23	18°09	10°51	4°39	6°21	25°22	25°37	20°07	22°55	T 22
W23	6 06 26	1°04'33	12°34	4°11	15°00	1°16	26°37	18°15	10°52	4°38	6°23	25°10	25°34	20°13	22°58	W23
T 24	6 10 22	2°05'35	27°17	5°46	16°15	1°33	26°50	18°20	10°54	4°38	6°25	25°00	25°31	20°20	23°02	T 24
F 25	6 14 19	3°06'39	12°08	7°21	17°31	1°50	27°03	18°26	10°56	4°37	6°28	24°52	25°28	20°27	23°05	F 25
S 26	6 18 15	4°07'43	26°50	8°57	18°46	2°09	27°17	18°32	10°58	4°36	6°30	24°47	25°25	20°33	23°08	S 26
S 27	6 22 12	5°08'48	11°16	10°33	20°01	2°27	27°30	18°38	10°59	4°36	6°32	24°45	25°21	20°40	23°12	S 27
M28	6 26 09	6°09'54	25°25	12°09	21°16	2°46	27°44	18°44	11°01	4°35	6°34	24°D44	25°18	20°47	23°15	M28
T 29	6 30 05	7°11'00	9°15	13°45	22°32	3°06	27°58	18°50	11°03	4°34	6°36	24°R44	25°15	20°53	23°19	T 29
W30	6 34 02	8°12'07	22°48	15°21	23°47	3°26	28°11	18°56	11°05	4°34	6°38	24°43	25°12	21°00	23°22	W30
T 31	6 37 58	9°13'15	6°15	16°58	25°02	3°46	28°25	19°00	11°07	4°33	6°41	24°41	25°09	21°07	23°26	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s44	0n37	0n 4	19s33	0n30	23s 4	0s16	10n44	0n11	21s56	0s19	16s53	1s 3	8s21	0s47	10n17
W 2	21 53	3s41	1 16	19 59	0 23	23 13	0 18	10 47	0 14	21 54	0 19	16 52	1 3	8 21	0 47	10 17
T 3	22 2	7 45	2 23	20 25	0 16	23 21	0 20	10 51	0 16	21 52	0 19	16 50	1 3	8 21	0 47	10 17
F 4	22 10	11 22	3 21	20 50	0 9	23 29	0 23	10 55	0 19	21 51	0 19	16 49	1 3	8 20	0 47	10 17
S 5	22 18	14 22	4 7	21 13	0 2	23 36	0 25	10 59	0 21	21 49	0 20	16 48	1 3	8 20	0 47	10 17
S 6	22 25	16 35	4 39	21 36	0s 5	23 43	0 27	11 4	0 23	21 47	0 20	16 46	1 3	8 20	0 46	10 17
M 7	22 32	17 57	4 57	21 58	0 12	23 48	0 30	11 8	0 26	21 45	0 20	16 45	1 3	8 19	0 46	10 17
T 8	22 39	18 24	5 0	22 18	0 18	23 53	0 32	11 13	0 28	21 43	0 20	16 43	1 3	8 19	0 46	10 17
W 9	22 45	17 59	4 48	22 38	0 25	23 57	0 34	11 18	0 30	21 40	0 20	16 42	1 3	8 19	0 46	10 17
T 10	22 51	16 43	4 24	22 56	0 32	24 1	0 37	11 23	0 32	21 38	0 20	16 41	1 3	8 18	0 46	10 17
F 11	22 56	14 45	3 48	23 13	0 38	24 3	0 39	11 29	0 34	21 36	0 20	16 39	1 3	8 18	0 46	10 17
S 12	23 1	12 11	3 3	23 29	0 44	24 5	0 41	11 34	0 36	21 34	0 20	16 38	1 3	8 17	0 46	10 17
S 13	23 6	9 8	2 9	23 44	0 50	24 6	0 43	11 40	0 38	21 32	0 20	16 36	1 3	8 17	0 46	10 17
M14	23 9	5 42	1 10	23 58	0 56	24 7	0 46	11 46	0 40	21 30	0 20	16 35	1 3	8 16	0 46	10 17
T 15	23 13	2 1	0 8	24 10	1 2	24 6	0 48	11 52	0 42	21 27	0 20	16 33	1 3	8 16	0 46	10 17
W16	23 16	1n49	0s6	24 21	1 8	24 5	0 50	11 58	0 44	21 25	0 20	16 31	1 3	8 15	0 46	10 18
T 17	23 18	5 40	1 59	24 31	1 13	24 4	0 52	12 4	0 46	21 23	0 20	16 30	1 3	8 15	0 46	10 18
F 18	23 21	9 22	2 58	24 40	1 19	24 1	0 54	12 11	0 48	21 20	0 20	16 28	1 3	8 14	0 46	10 18
S 19	23 22	12 44	3 49	24 47	1 24	23 58	0 56	12 18	0 49	21 18	0 20	16 26	1 2	8 14	0 46	10 18
S 20	23 23	15 31	4 29	24 53	1 29	23 54	0 58	12 25	0 51	21 16	0 20	16 25	1 2	8 13	0 46	10 18
M21	23 24	17 29	4 53	24 58	1 34	23 49	1 0	12 31	0 53	21 13	0 21	16 23	1 2	8 12	0 46	10 18
T 22	23 24	18 23	5 0	25 1	1 38	23 43	1 2	12 39	0 54	21 11	0 21	16 21	1 2	8 12	0 46	10 19
W23	23 24	18 4	4 47	25 3	1 42	23 37	1 4	12 46	0 56	21 8	0 21	16 20	1 2	8 11	0 46	10 19
T 24	23 23	16 30	4 15	25 3	1 46	23 30	1 6	12 53	0 57	21 6	0 21	16 18	1 2	8 10	0 46	10 19
F 25	23 22	13 51	3 25	25 2	1 50	23 22	1 8	13 1	0 58	21 3	0 21	16 16	1 2	8 10	0 46	10 19
S 26	23 20	10 20	2 22	24 59	1 54	23 14	1 9	13 8	1 0	21 1	0 21	16 14	1 2	8 9	0 46	10 20
S 27	23 18	6 14	1 11	24 55	1 57	23 5	1 11	13 16	1 1	20 58	0 21	16 13	1 2	8 8	0 46	10 20
M28	23 16	1 53	0n 4	24 50	2 0	22 55	1 13	13 24	1 2	20 56	0 21	16 11	1 2	8 8	0 46	10 20
T 29	23 13	2s30	1 16	24 43	2 2	22 45	1 14	13 31	1 4	20 53	0 21	16 9	1 2	8 7	0 46	10 20
W30	23 9	6 38	2 23	24 35	2 4	22 33	1 16	13 39	1 5	20 50	0 21	16 7	1 2	8 6	0 46	10 21
T 31	23s 5	10s22	3n20	24s25	2s 6	22s22	1s17	13n47	1n 6	20s48	0s21	16s 5	1s 2	8s 5	0s46	10n21

Julian Day Number = 2545746.5, Delta T = 231.20 sec  
 Ecliptic obliquity = 23°24'11", Nutation = - 0°00'02", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 28°20'42", Lahiri = 27°27'43"