



Astrodienst Ephemeris Tables for the year 2063

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 2063

geocentric

JANUARY 2063

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 42 48	10°35'02	24°34'	5°R49	0°42'	26°27'	10°R 9	12°R23	20°M49	23°R28	23°K25	15°R 5	16°K33	6°55'	4°K48	M 1
T 2	6 46 45	11°36'13	6°35'	4°33'	1°57'	27° 0	10°M 8	12°S18	20°51'	23°I27	23°25'	14°K56	16°30'	7° 2	4°51'	T 2
W 3	6 50 41	12°37'23	18°23'	3°26'	3°12'	27°32'	10° 7	12°13'	20°54'	23°25'	23°26'	14°50'	16°27'	7° 8	4°54'	W 3
T 4	6 54 38	13°38'33	0°K10	2°26'	4°27'	28° 4	10° 5	12° 8	20°57'	23°24'	23°26'	14°46'	16°24'	7°15'	4°57'	T 4
F 5	6 58 34	14°39'43	12° 0	1°36'	5°42'	28°36'	10° 3	12° 3	20°59'	23°22'	23°27'	14°D45	16°21'	7°22'	4°59'	F 5
S 6	7 2 31	15°40'52	23°57'	0°56'	6°57'	29° 8	10° 1	11°58'	21° 2	23°21'	23°28'	14°45'	16°17'	7°28'	5° 2	S 6
S 7	7 6 27	16°42'02	6°Y 7	0°26'	8°12'	29°40'	9°59'	11°53'	21° 4	23°19'	23°29'	14°46'	16°14'	7°35'	5° 5	S 7
M 8	7 10 24	17°43'11	18°33'	0° 6	9°27'	0°M12	9°56'	11°48'	21° 7	23°17'	23°29'	14°R46	16°11'	7°42'	5° 8	M 8
T 9	7 14 20	18°44'19	1°822	29°55'	10°41'	0°44'	9°53'	11°43'	21° 9	23°16'	23°30'	14°45'	16° 8	7°48'	5°11'	T 9
W10	7 18 17	19°45'27	14°38'	29°D54	11°56'	1°15'	9°51'	11°38'	21°12'	23°14'	23°31'	14°42'	16° 5	7°55'	5°14'	W10
T11	7 22 14	20°46'35	28°24'	0°3 2	13°11'	1°46'	9°48'	11°34'	21°14'	23°13'	23°32'	14°37'	16° 1	8° 2	5°17'	T11
F12	7 26 10	21°47'42	12°II40	0°17'	14°26'	2°18'	9°44'	11°29'	21°16'	23°12'	23°33'	14°30'	15°58'	8° 8	5°20'	F12
S13	7 30 7	22°48'49	27°23'	0°40'	15°41'	2°49'	9°41'	11°24'	21°18'	23°10'	23°33'	14°22'	15°55'	8°15'	5°23'	S13
S14	7 34 3	23°49'56	12°S27	1° 9	16°56'	3°20'	9°37'	11°19'	21°21'	23° 9	23°34'	14°14'	15°52'	8°22'	5°27'	S14
M15	7 38 0	24°51'02	27°42'	1°44'	18°11'	3°51'	9°34'	11°14'	21°23'	23° 7	23°35'	14° 6	15°49'	8°28'	5°30'	M15
T16	7 41 56	25°52'07	12°S58	2°24'	19°25'	4°22'	9°30'	11°10'	21°25'	23° 6	23°36'	14° 1	15°46'	8°35'	5°33'	T16
W17	7 45 53	26°53'12	28° 4	3°10'	20°40'	4°52'	9°26'	11° 5	21°27'	23° 5	23°37'	13°57'	15°42'	8°42'	5°36'	W17
T18	7 49 50	27°54'17	12°M52	3°59'	21°55'	5°23'	9°21'	11° 0	21°29'	23° 3	23°38'	13°D56	15°39'	8°48'	5°39'	T18
F19	7 53 46	28°55'21	27°17'	4°53'	23° 9	5°53'	9°17'	10°56'	21°31'	23° 2	23°39'	13°57'	15°36'	8°55'	5°43'	F19
S20	7 57 43	29°56'25	11°A15	5°50'	24°24'	6°23'	9°12'	10°51'	21°33'	23° 1	23°40'	13°58'	15°33'	9° 2	5°46'	S20
S21	8 1 39	0°57'29	24°48'	6°50'	25°39'	6°53'	9° 7	10°47'	21°35'	22°59'	23°41'	13°R59	15°30'	9° 8	5°50'	S21
M22	8 5 36	1°58'33	7°M57	7°53'	26°53'	7°23'	9° 2	10°42'	21°37'	22°58'	23°42'	13°59'	15°27'	9°15'	5°53'	M22
T23	8 9 32	2°59'36	20°46'	8°58'	28° 8	7°53'	8°57'	10°38'	21°39'	22°57'	23°43'	13°58'	15°23'	9°22'	5°56'	T23
W24	8 13 29	4° 0'39	3°M18	10° 6	29°23'	8°23'	8°52'	10°34'	21°40'	22°56'	23°44'	13°54'	15°20'	9°28'	6° 0	W24
T25	8 17 25	5° 1'41	15°37'	11°16'	0°K37	8°52'	8°47'	10°29'	21°42'	22°54'	23°45'	13°49'	15°17'	9°35'	6° 3	T25
F26	8 21 22	6° 2'43	27°45'	12°28'	1°52'	9°22'	8°41'	10°25'	21°44'	22°53'	23°46'	13°42'	15°14'	9°42'	6° 7	F26
S27	8 25 19	7° 3'44	9°S46	13°42'	3° 6	9°51'	8°35'	10°21'	21°45'	22°52'	23°47'	13°35'	15°11'	9°48'	6°10'	S27
S28	8 29 15	8° 4'45	21°40'	14°57'	4°21'	10°20'	8°30'	10°17'	21°47'	22°51'	23°49'	13°28'	15° 7	9°55'	6°14'	S28
M29	8 33 12	9° 5'45	3°A31	16°14'	5°35'	10°49'	8°24'	10°13'	21°48'	22°50'	23°50'	13°21'	15° 4	10° 2	6°18'	M29
T30	8 37 8	10° 6'43	15°20'	17°32'	6°49'	11°17'	8°17'	10° 9	21°50'	22°49'	23°51'	13°17'	15° 1	10° 8	6°21'	T30
W31	8 41 5	11°7'41	27°8 8	18°S52	8°K 4	11°M46	8°M11	10°S 5	21°M51	22°I48	23°K52	13°K14	14°K58	10°A15	6°K25	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	23s 1	25s 0	3s53	20s26	2n53	21s27	1s30	8s43	1n36	8n47	1n 7	22n17	0s35	17s38	0n20	21n55	1s22
T 2	22 56	21 40	3 9	20 20	3 2	21 12	1 31	8 54	1 36	8 48	1 7	22 17	0 35	17 39	0 20	21 55	1 22
W 3	22 50	17 28	2 16	20 15	3 8	20 55	1 31	9 6	1 36	8 49	1 7	22 18	0 35	17 40	0 20	21 55	1 22
T 4	22 44	12 37	1 17	20 12	3 12	20 38	1 32	9 17	1 36	8 50	1 7	22 18	0 34	17 40	0 20	21 54	1 22
F 5	22 38	7 17	0 15	20 11	3 14	20 21	1 33	9 28	1 36	8 51	1 8	22 19	0 34	17 41	0 20	21 54	1 22
S 6	22 31	1 39	0n49	20 12	3 14	20 3	1 34	9 40	1 36	8 52	1 8	22 20	0 34	17 42	0 20	21 54	1 22
S 7	22 23	4n 8	1 52	20 14	3 11	19 44	1 35	9 51	1 37	8 53	1 8	22 20	0 34	17 42	0 20	21 54	1 22
M 8	22 16	9 54	2 51	20 18	3 8	19 25	1 35	10 2	1 37	8 54	1 9	22 21	0 34	17 43	0 20	21 54	1 22
T 9	22 7	15 26	3 43	20 23	3 3	19 5	1 36	10 13	1 37	8 55	1 9	22 21	0 34	17 44	0 20	21 54	1 22
W10	21 59	20 27	4 26	20 30	2 56	18 45	1 36	10 24	1 37	8 57	1 9	22 22	0 34	17 44	0 20	21 54	1 22
T11	21 50	24 35	4 54	20 37	2 49	18 24	1 37	10 34	1 37	8 58	1 9	22 22	0 34	17 45	0 20	21 54	1 22
F12	21 40	27 22	5 6	20 45	2 41	18 3	1 37	10 45	1 37	8 59	1 10	22 23	0 34	17 45	0 20	21 54	1 22
S13	21 30	28 23	4 59	20 53	2 33	17 41	1 37	10 56	1 37	9 1	1 10	22 23	0 33	17 46	0 20	21 54	1 21
S14	21 20	27 20	4 31	21 2	2 24	17 18	1 37	11 6	1 37	9 3	1 10	22 24	0 33	17 47	0 20	21 54	1 21
M15	21 9	24 15	3 43	21 11	2 15	16 55	1 37	11 16	1 37	9 4	1 10	22 24	0 33	17 47	0 20	21 54	1 21
T16	20 58	19 28	2 39	21 19	2 5	16 32	1 38	11 27	1 37	9 6	1 11	22 25	0 33	17 48	0 20	21 54	1 21
W17	20 46	13 28	1 25	21 28	1 56	16 8	1 37	11 37	1 37	9 8	1 11	22 25	0 33	17 48	0 20	21 54	1 21
T18	20 35	6 49	0 6	21 37	1 46	15 44	1 37	11 47	1 37	9 9	1 11	22 26	0 33	17 49	0 20	21 54	1 21
F19	20 22	0s 1	1s12	21 45	1 36	15 20	1 37	11 57	1 37	9 11	1 11	22 26	0 33	17 49	0 20	21 54	1 21
S20	20 9	6 38	2 22	21 52	1 26	14 55	1 37	12 7	1 37	9 13	1 12	22 27	0 33	17 50	0 20	21 54	1 21
S21	19 56	12 45	3 23	21 59	1 16	14 29	1 37	12 17	1 37	9 15	1 12	22 27	0 32	17 50	0 20	21 54	1 21
M22	19 43	18 7	4 11	22 5	1 7	14 3	1 36	12 26	1 37	9 17	1 12	22 28	0 32	17 51	0 20	21 54	1 21
T23	19 29	22 31	4 45	22 11	0 57	13 37	1 36	12 36	1 37	9 20	1 12	22 28	0 32	17 51	0 20	21 54	1 21
W24	19 15	25 48	5 5	22 15	0 48	13 10	1 35	12 46	1 37	9 22	1 12	22 29	0 32	17 52	0 20	21 54	1 21
T25	19 0	27 47	5 10	22 19	0 38	12 44	1 35	12 55	1 37	9 24	1 13	22 29	0 32	17 52	0 20	21 54	1 21
F26	18 45	28 26	5 1	22 22	0 29	12 16	1 34	13 4	1 37	9 26	1 13	22 30	0 32	17 53	0 20	21 54	1 21
S27	18 30	27 42	4 39	22 24	0 20	11 49	1 33	13 13	1 37	9 29	1 13	22 30	0 32	17 53	0 20	21 54	1 21
S28	18 15	25 43	4 4	22 24	0 11	11 21	1 32	13 22	1 37	9 31	1 13	22 31	0 31	17 53	0 20	21 54	1 21
M29	17 59	22 36	3 20	22 24	0 3	10 53	1 31	13 31	1 37	9 33	1 14	22 31	0 31	17 54	0 20	21 54	1 21
T30	17 42	18 34	2 26	22 23	0s 6	10 24	1 30	13 40	1 37	9 36	1 14	22 32	0 31	17 54	0 20	21 54	1 21
W31	17s26	13s49	1s27	22s20	0s14	9s55	1s29	13s49	1n37	9n38	1n14	22n32	0s31	17s54	0n20	21n54	1s21

Julian Day Number = 2474555.5, Delta T = 78.62 sec

Ecliptic obliquity = 23°26'00, Nutation = 0°00'05, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°37'14, Lahiri = 24°44'14

ASTRODIENST EPHEMERIS for the year 2063

geocentric

FEBRUARY 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 1	12≈ 8°38	8°59	20≈12	9°18	12°14	8°R 5	10°R 1	21°52	22°R47	23°53	13°D12	14°55	10≈22	6°29	T 1	
F 2	8 48 58	13° 9'33	20°53	21°34	10°32	12°42	7°58	9≈57	21°54	22°II46	23°54	13°12	14°52	10°28	6°32	F 2	
S 3	8 52 54	14°10'28	2°55	22°57	11°47	13°10	7°52	9°54	21°55	22°45	23°56	13°14	14°48	10°35	6°36	S 3	
S 4	8 56 51	15°11'21	15° 8	24°21	13° 1	13°37	7°45	9°50	21°56	22°44	23°57	13°15	14°45	10°42	6°40	S 4	
M 5	9 0 48	16°12'13	27°36	25°46	14°15	14° 5	7°38	9°47	21°57	22°43	23°58	13°17	14°42	10°48	6°43	M 5	
T 6	9 4 44	17°13'03	10≈23	27°12	15°29	14°32	7°31	9°43	21°58	22°42	23°59	13°18	14°39	10°55	6°47	T 6	
W 7	9 8 41	18°13'52	23°32	28°39	16°43	14°59	7°24	9°40	21°59	22°42	24° 1	13°R18	14°36	11° 2	6°51	W 7	
T 8	9 12 37	19°14'40	7°II 7	0≈ 7	17°57	15°26	7°17	9°37	22° 0	22°41	24° 2	13°17	14°33	11° 8	6°55	T 8	
F 9	9 16 34	20°15'26	21° 9	1°36	19°11	15°53	7°10	9°34	22° 1	22°40	24° 3	13°15	14°29	11°15	6°58	F 9	
S 10	9 20 30	21°16'10	5≈38	3° 5	20°25	16°19	7° 2	9°30	22° 2	22°39	24° 5	13°12	14°26	11°22	7° 2	S 10	
S 11	9 24 27	22°16'54	20°29	4°36	21°39	16°45	6°55	9°27	22° 3	22°39	24° 6	13° 9	14°23	11°28	7° 6	S 11	
M12	9 28 23	23°17'35	5°37	6° 7	22°53	17°11	6°48	9°25	22° 4	22°38	24° 7	13° 7	14°20	11°35	7°10	M12	
T 13	9 32 20	24°18'15	20°51	7°39	24° 7	17°37	6°40	9°22	22° 4	22°37	24° 9	13° 5	14°17	11°42	7°14	T 13	
W14	9 36 17	25°18'54	6°11 3	9°12	25°21	18° 3	6°32	9°19	22° 5	22°37	24°10	13°D 4	14°13	11°48	7°18	W14	
T 15	9 40 13	26°19'31	21° 1	10°46	26°34	18°28	6°25	9°17	22° 5	22°36	24°12	13° 4	14°10	11°55	7°22	T 15	
F 16	9 44 10	27°20'07	5≈40	12°21	27°48	18°53	6°17	9°14	22° 6	22°36	24°13	13° 5	14° 7	12° 2	7°25	F 16	
S 17	9 48 6	28°20'41	19°53	13°57	29° 2	19°18	6° 9	9°12	22° 6	22°35	24°14	13° 6	14° 4	12° 8	7°29	S 17	
S 18	9 52 3	29°21'15	3°38	15°33	0°15	19°42	6° 2	9° 9	22° 7	22°35	24°16	13° 7	14° 1	12°15	7°33	S 18	
M19	9 55 59	0°21'47	16°57	17°11	1°29	20° 6	5°54	9° 7	22° 7	22°34	24°17	13° 8	13°58	12°22	7°37	M19	
T 20	9 59 56	1°22'18	29°51	18°49	2°42	20°30	5°46	9° 5	22° 7	22°34	24°19	13°R 8	13°54	12°28	7°41	T 20	
W21	10 3 52	2°22'48	12≈24	20°28	3°56	20°54	5°38	9° 3	22° 8	22°33	24°20	13° 8	13°51	12°35	7°45	W21	
T 22	10 7 49	3°23'17	24°41	22° 8	5° 9	21°17	5°30	9° 1	22° 8	22°33	24°22	13° 7	13°48	12°42	7°49	T 22	
F 23	10 11 46	4°23'44	6≈44	23°49	6°22	21°41	5°22	9° 0	22° 8	22°33	24°23	13° 6	13°45	12°48	7°53	F 23	
S 24	10 15 42	5°24'10	18°39	25°31	7°35	22° 3	5°14	8°58	22° 8	22°32	24°25	13° 5	13°42	12°55	7°57	S 24	
S 25	10 19 39	6°24'34	0≈28	27°14	8°49	22°26	5° 7	8°56	22°R 8	22°32	24°26	13° 4	13°39	13° 2	8° 1	S 25	
M26	10 23 35	7°24'57	12°16	28°58	10° 2	22°48	4°59	8°55	22° 8	22°32	24°27	13° 3	13°35	13° 8	8° 5	M26	
T 27	10 27 32	8°25'18	24° 5	0°43	11°15	23°10	4°51	8°54	22° 8	22°32	24°29	13° 3	13°32	13°15	8° 9	T 27	
W28	10 31 28	9°25'38	5°57	2°29	12°28	23°31	4°43	8≈52	22°8	22°II32	24°30	13°2	13°29	13≈22	8°12	W28	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	17s 9	8s34	0s23	22s16	0s22	9s27	1s28	13s58	1n37	9n41	1n14	22n32	0s31	17s55	0n20	21n54	1s21
F 2	16 52	2 58	0n42	22 12	0 30	8 57	1 27	14 6	1 37	9 44	1 14	22 33	0 31	17 55	0 20	21 54	1 21
S 3	16 34	2n47	1 46	22 5	0 37	8 28	1 26	14 15	1 37	9 46	1 15	22 33	0 31	17 55	0 20	21 54	1 21
S 4	16 17	8 31	2 47	21 58	0 44	7 58	1 24	14 23	1 37	9 49	1 15	22 34	0 31	17 56	0 20	21 54	1 21
M 5	15 59	14 2	3 40	21 50	0 51	7 28	1 23	14 31	1 37	9 52	1 15	22 34	0 30	17 56	0 20	21 54	1 21
T 6	15 40	19 7	4 25	21 40	0 58	6 58	1 21	14 39	1 37	9 55	1 15	22 35	0 30	17 56	0 20	21 54	1 21
W 7	15 22	23 26	4 57	21 29	1 5	6 28	1 20	14 47	1 37	9 57	1 15	22 35	0 30	17 56	0 20	21 54	1 20
T 8	15 3	26 38	5 13	21 16	1 11	5 58	1 18	14 55	1 37	10 0	1 15	22 35	0 30	17 57	0 20	21 54	1 20
F 9	14 44	28 20	5 12	21 3	1 17	5 27	1 16	15 3	1 37	10 3	1 16	22 36	0 30	17 57	0 20	21 54	1 20
S 10	14 24	28 10	4 51	20 48	1 22	4 56	1 15	15 11	1 36	10 6	1 16	22 36	0 30	17 57	0 20	21 54	1 20
S 11	14 5	26 0	4 11	20 32	1 28	4 25	1 13	15 18	1 36	10 9	1 16	22 36	0 30	17 57	0 20	21 54	1 20
M12	13 45	21 58	3 12	20 14	1 33	3 55	1 11	15 26	1 36	10 12	1 16	22 37	0 29	17 58	0 20	21 54	1 20
T 13	13 25	16 26	2 0	19 55	1 38	3 23	1 9	15 33	1 36	10 15	1 16	22 37	0 29	17 58	0 20	21 54	1 20
W14	13 5	9 54	0 39	19 35	1 42	2 52	1 7	15 40	1 36	10 17	1 16	22 37	0 29	17 58	0 20	21 54	1 20
T 15	12 44	2 53	0s44	19 14	1 46	2 21	1 5	15 47	1 36	10 20	1 16	22 38	0 29	17 58	0 20	21 54	1 20
F 16	12 24	4s 7	2 2	18 51	1 50	1 50	1 3	15 54	1 35	10 23	1 17	22 38	0 29	17 58	0 20	21 54	1 20
S 17	12 3	10 42	3 10	18 27	1 53	1 19	1 0	16 1	1 35	10 26	1 17	22 38	0 29	17 58	0 20	21 54	1 20
S 18	11 42	16 34	4 5	18 1	1 56	0 47	0 58	16 8	1 35	10 29	1 17	22 39	0 28	17 58	0 20	21 54	1 20
M19	11 20	21 26	4 45	17 35	1 59	0 16	0 56	16 15	1 35	10 32	1 17	22 39	0 28	17 58	0 20	21 54	1 20
T 20	10 59	25 8	5 9	17 6	2 2	0n16	0 53	16 21	1 35	10 35	1 17	22 39	0 28	17 58	0 20	21 54	1 20
W21	10 37	27 31	5 17	16 37	2 4	0 47	0 51	16 28	1 34	10 38	1 17	22 39	0 28	17 59	0 20	21 54	1 20
T 22	10 16	28 30	5 11	16 6	2 5	1 19	0 48	16 34	1 34	10 41	1 17	22 40	0 28	17 59	0 20	21 54	1 20
F 23	9 54	28 6	4 51	15 34	2 7	1 50	0 46	16 40	1 34	10 44	1 17	22 40	0 28	17 59	0 20	21 54	1 20
S 24	9 32	26 24	4 18	15 0	2 7	2 21	0 43	16 46	1 34	10 47	1 17	22 40	0 28	17 59	0 20	21 54	1 20
S 25	9 9	23 33	3 35	14 26	2 8	2 53	0 40	16 52	1 33	10 50	1 17	22 41	0 27	17 59	0 20	21 54	1 20
M26	8 47	19 43	2 43	13 49	2 8	3 24	0 37	16 58	1 33	10 53	1 18	22 41	0 27	17 59	0 20	21 54	1 20
T 27	8 25	15 7	1 43	13 12	2 7	3 55	0 35	17 4	1 33	10 56	1 18	22 41	0 27	17 59	0 20	21 54	1 20
W28	8s 2	9s56	0s39	12s33	2s 7	4n26	0s32	17s10	1n32	10n59	1n18	22n41	0s27	17s59	0n20	21n54	1s19

Julian Day Number = 2474586.5, Delta T = 78.65 sec

Ecliptic obliquity = 23°26'01", Nutation = 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°37'18", Lahiri = 24°44'18"

ASTRODIENST EPHEMERIS for the year 2063

geocentric

MARCH 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 25	10 ^h 25'56	17 ^h 55	4 ^h 16	13 ^h 41	23 ^h 53	4 ^h 35	8 ^h 51	22 ^h 8	22 ^h 32	24 ^h 32	13 ^h D 2	13 ^h 26	13 ^h 28	8 ^h 16	T 1
F 2	10 39 21	11 ^h 26'12	29 ^h 59	6 ^h 4	14 ^h 54	24 ^h 13	4 ^h 27	8 ^h 50	22 ^h 7	22 ^h 32	24 ^h 33	13 ^h 2	13 ^h 23	13 ^h 35	8 ^h 20	F 2
S 3	10 43 18	12 ^h 26'26	12 ^h 13	7 ^h 53	16 ^h 6	24 ^h 34	4 ^h 19	8 ^h 49	22 ^h 7	22 ^h 32	24 ^h 35	13 ^h 3	13 ^h 19	13 ^h 42	8 ^h 24	S 3
S 4	10 47 15	13 ^h 26'38	24 ^h 38	9 ^h 43	17 ^h 19	24 ^h 54	4 ^h 12	8 ^h 49	22 ^h 7	22 ^h D32	24 ^h 37	13 ^h R 3	13 ^h 16	13 ^h 48	8 ^h 28	S 4
M 5	10 51 11	14 ^h 26'48	7 ^h 18	11 ^h 34	18 ^h 32	25 ^h 14	4 ^h 4	8 ^h 48	22 ^h 6	22 ^h 32	24 ^h 38	13 ^h 2	13 ^h 13	13 ^h 55	8 ^h 32	M 5
T 6	10 55 8	15 ^h 26'57	20 ^h 10	13 ^h 27	19 ^h 44	25 ^h 33	3 ^h 56	8 ^h 47	22 ^h 6	22 ^h 32	24 ^h 40	13 ^h 2	13 ^h 10	14 ^h 2	8 ^h 36	T 6
W 7	10 59 4	16 ^h 27'03	3 ^h 11	15 ^h 20	20 ^h 57	25 ^h 52	3 ^h 49	8 ^h 47	22 ^h 5	22 ^h 32	24 ^h 41	13 ^h 2	13 ^h 7	14 ^h 8	8 ^h 40	W 7
T 8	11 3 1	17 ^h 27'07	16 ^h 52	17 ^h 14	22 ^h 9	26 ^h 10	3 ^h 41	8 ^h 47	22 ^h 5	22 ^h 32	24 ^h 43	13 ^h D 2	13 ^h 4	14 ^h 15	8 ^h 44	T 8
F 9	11 6 57	18 ^h 27'09	0 ^h 43	19 ^h 8	23 ^h 22	26 ^h 29	3 ^h 34	8 ^h 46	22 ^h 4	22 ^h 32	24 ^h 44	13 ^h 2	13 ^h 0	14 ^h 22	8 ^h 48	F 9
S 10	11 10 54	19 ^h 27'09	14 ^h 54	21 ^h 4	24 ^h 34	26 ^h 46	3 ^h 27	8 ^h D46	22 ^h 4	22 ^h 32	24 ^h 46	13 ^h 2	12 ^h 57	14 ^h 28	8 ^h 52	S 10
S 11	11 14 50	20 ^h 27'07	29 ^h 25	23 ^h 1	25 ^h 46	27 ^h 4	3 ^h 19	8 ^h 46	22 ^h 3	22 ^h 32	24 ^h 47	13 ^h 3	12 ^h 54	14 ^h 35	8 ^h 55	S 11
M12	11 18 47	21 ^h 27'02	14 ^h 10	24 ^h 58	26 ^h 58	27 ^h 21	3 ^h 12	8 ^h 46	22 ^h 2	22 ^h 33	24 ^h 49	13 ^h 4	12 ^h 51	14 ^h 42	8 ^h 59	M12
T 13	11 22 44	22 ^h 26'55	29 ^h 6	26 ^h 56	28 ^h 10	27 ^h 37	3 ^h 5	8 ^h 47	22 ^h 1	22 ^h 33	24 ^h 50	13 ^h 4	12 ^h 48	14 ^h 48	9 ^h 3	T 13
W14	11 26 40	23 ^h 26'46	14 ^h 3	28 ^h 54	29 ^h 22	27 ^h 53	2 ^h 58	8 ^h 47	22 ^h 0	22 ^h 33	24 ^h 52	13 ^h R 5	12 ^h 44	14 ^h 55	9 ^h 7	W14
T 15	11 30 37	24 ^h 26'35	28 ^h 54	0 ^h 52	0 ^h 34	28 ^h 9	2 ^h 51	8 ^h 47	21 ^h 59	22 ^h 34	24 ^h 53	13 ^h 4	12 ^h 41	15 ^h 2	9 ^h 11	T 15
F 16	11 34 33	25 ^h 26'22	13 ^h 32	2 ^h 51	1 ^h 46	28 ^h 24	2 ^h 44	8 ^h 48	21 ^h 59	22 ^h 34	24 ^h 55	13 ^h 3	12 ^h 38	15 ^h 8	9 ^h 15	F 16
S 17	11 38 30	26 ^h 26'08	27 ^h 49	4 ^h 49	2 ^h 57	28 ^h 38	2 ^h 37	8 ^h 49	21 ^h 57	22 ^h 35	24 ^h 57	13 ^h 2	12 ^h 35	15 ^h 15	9 ^h 18	S 17
S 18	11 42 26	27 ^h 25'51	11 ^h 43	6 ^h 47	4 ^h 9	28 ^h 53	2 ^h 31	8 ^h 49	21 ^h 56	22 ^h 35	24 ^h 58	13 ^h 0	12 ^h 32	15 ^h 22	9 ^h 22	S 18
M19	11 46 23	28 ^h 25'33	25 ^h 10	8 ^h 45	5 ^h 20	29 ^h 6	2 ^h 24	8 ^h 50	21 ^h 55	22 ^h 36	25 ^h 0	12 ^h 58	12 ^h 29	15 ^h 28	9 ^h 26	M19
T 20	11 50 19	29 ^h 25'13	8 ^h 11	10 ^h 41	6 ^h 32	29 ^h 19	2 ^h 18	8 ^h 51	21 ^h 54	22 ^h 36	25 ^h 1	12 ^h 56	12 ^h 25	15 ^h 35	9 ^h 30	T 20
W21	11 54 16	0 ^h 24'52	20 ^h 50	12 ^h 35	7 ^h 43	29 ^h 32	2 ^h 12	8 ^h 52	21 ^h 53	22 ^h 37	25 ^h 3	12 ^h 55	12 ^h 22	15 ^h 42	9 ^h 33	W21
T 22	11 58 12	1 ^h 24'29	3 ^h 9	14 ^h 28	8 ^h 54	29 ^h 44	2 ^h 6	8 ^h 54	21 ^h 52	22 ^h 37	25 ^h 4	12 ^h D55	12 ^h 19	15 ^h 48	9 ^h 37	T 22
F 23	12 2 9	2 ^h 24'03	15 ^h 13	16 ^h 19	10 ^h 5	29 ^h 56	2 ^h 0	8 ^h 55	21 ^h 50	22 ^h 38	25 ^h 6	12 ^h 55	12 ^h 16	15 ^h 55	9 ^h 41	F 23
S 24	12 6 6	3 ^h 23'37	27 ^h 7	18 ^h 7	11 ^h 16	0 ^h 7	1 ^h 54	8 ^h 56	21 ^h 49	22 ^h 39	25 ^h 7	12 ^h 57	12 ^h 13	16 ^h 2	9 ^h 45	S 24
S 25	12 10 2	4 ^h 23'08	8 ^h 56	19 ^h 52	12 ^h 27	0 ^h 17	1 ^h 48	8 ^h 58	21 ^h 48	22 ^h 39	25 ^h 9	12 ^h 58	12 ^h 10	16 ^h 8	9 ^h 48	S 25
M26	12 13 59	5 ^h 22'38	20 ^h 44	21 ^h 33	13 ^h 38	0 ^h 27	1 ^h 42	9 ^h 0	21 ^h 46	22 ^h 40	25 ^h 10	13 ^h 0	12 ^h 6	16 ^h 15	9 ^h 52	M26
T 27	12 17 55	6 ^h 22'05	2 ^h 34	23 ^h 10	14 ^h 49	0 ^h 36	1 ^h 37	9 ^h 1	21 ^h 45	22 ^h 41	25 ^h 12	13 ^h 1	12 ^h 3	16 ^h 22	9 ^h 55	T 27
W28	12 21 52	7 ^h 21'31	14 ^h 32	24 ^h 43	15 ^h 59	0 ^h 44	1 ^h 32	9 ^h 3	21 ^h 43	22 ^h 42	25 ^h 13	13 ^h R 2	12 ^h 0	16 ^h 28	9 ^h 59	W28
T 29	12 25 48	8 ^h 20'58	26 ^h 38	26 ^h 11	17 ^h 10	0 ^h 52	1 ^h 27	9 ^h 5	21 ^h 42	22 ^h 43	25 ^h 15	13 ^h 1	11 ^h 57	16 ^h 35	10 ^h 3	T 29
F 30	12 29 45	9 ^h 20'16	8 ^h 56	27 ^h 34	18 ^h 20	1 ^h 0	1 ^h 22	9 ^h 7	21 ^h 40	22 ^h 43	25 ^h 16	12 ^h 59	11 ^h 54	16 ^h 42	10 ^h 6	F 30
S 31	12 33 41	10 ^h 19'36	21 ^h 27	28 ^h 51	19 ^h 31	1 ^h 7	1 ^h 17	9 ^h 10	21 ^h 38	22 ^h 44	25 ^h 18	12 ^h 55	11 ^h 50	16 ^h 48	10 ^h 10	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s39	4s22	0n27	11s53	2s 5	4n57	0s29	17s15	1n32	11n 2	1n18	22n41	0s27	17s58	0n20	21n54	1s19	16s 1	15s 8	6s40	6s31	19s14
F 2	7 16	1n25	1 33	11 12	2 3	5 28	0 26	17 21	1 32	11 5	1 18	22 42	0 27	17 58	0 20	21 54	1 19	16 1	15 8	6 40	6 32	19 12
S 3	6 53	7 13	2 35	10 29	2 1	5 59	0 23	17 26	1 31	11 8	1 18	22 42	0 27	17 58	0 20	21 54	1 19	16 0	15 8	6 40	6 33	19 9
S 4	6 30	12 49	3 31	9 45	1 58	6 30	0 20	17 31	1 31	11 11	1 18	22 42	0 26	17 58	0 20	21 54	1 19	16 0	15 8	6 40	6 34	19 6
M 5	6 7	18 0	4 18	9 0	1 55	7 0	0 17	17 36	1 30	11 13	1 18	22 42	0 26	17 58	0 20	21 54	1 19	15 59	15 8	6 40	6 36	19 4
T 6	5 44	22 29	4 53	8 13	1 51	7 31	0 13	17 41	1 30	11 16	1 18	22 42	0 26	17 58	0 20	21 54	1 19	15 58	15 8	6 40	6 37	19 1
W 7	5 21	25 56	5 13	7 25	1 47	8 1	0 10	17 46	1 30	11 19	1 18	22 43	0 26	17 58	0 20	21 54	1 19	15 58	15 7	6 40	6 38	18 58
T 8	4 57	28 2	5 17	6 37	1 42	8 31	0 7	17 51	1 29	11 22	1 18	22 43	0 26	17 58	0 20	21 54	1 19	15 57	15 7	6 40	6 39	18 56
F 9	4 34	28 29	5 3	5 47	1 37	9 1	0 4	17 56	1 29	11 24	1 18	22 43	0 26	17 57	0 20	21 55	1 19	15 56	15 7	6 40	6 40	18 53
S 10	4 10	27 4	4 30	4 56	1 31	9 30	0 1	18 0	1 28	11 27	1 18	22 43	0 26	17 57	0 20	21 55	1 19	15 56	15 7	6 40	6 42	18 50
S 11	3 47	23 51	3 39	4 3	1 24	10 0	0n 3	18 5	1 28	11 30	1 18	22 43	0 25	17 57	0 20	21 55	1 19	15 55	15 7	6 39	6 43	18 48
M12	3 23	19 1	2 34	3 10	1 17	10 29	0 6	18 9	1 27	11 32	1 18	22 43	0 25	17 57	0 20	21 55	1 19	15 54	15 7	6 39	6 44	18 45
T 13	3 0	12 59	1 17	2 17	1 9	10 58	0 10	18 13	1 26	11 35	1 18	22 44	0 25	17 57	0 20	21 55	1 19	15 54	15 7	6 39	6 45	18 42
W14	2 36	6 12	0s 5	1 22	1 1	11 27	0 13	18 17	1 26	11 37	1 18	22 44	0 25	17 56	0 20	21 55	1 19	15 53	15 7	6 39	6 47	18 39
T 15	2 12	0s53	1 27	0 27	0 52	11 55	0 16	18 22	1 25	11 40	1 18	22 44	0 25	17 56	0 20	21 55	1 19	15 53	15 7	6 39	6 48	18 37
F 16	1 49	7 49	2 41	0n29	0 43	12 24	0 20	18 25	1 24	11 42	1 18	22 44	0 25	17 56	0 20	21 55	1 19	15 52	15 7	6 39	6 49	18 34
S 17	1 25	14 10	3 43	1 25	0 33	12 51	0 23	18 29	1 24	11 45	1 18	22 44	0 25	17 56	0 20	21 55	1 19	15 51	15 7	6 40	6 50	18 31
S 18	1 1	19 38	4 31	2 21	0 22	13 19	0 27	18 33	1 23	11 47	1 18	22 44	0 24	17 55	0 20	21 55	1 18	15 51	15 7	6 41	6 51	18 28
M19	0 38	23 55	5 1	3 17	0 12	13 46	0 30	18 37	1 22	11 49	1 18	22 44	0 24	17 55	0 20	21 55	1 18	15 50	15 8	6 41	6 53	18 26
T 20	0 14	26 51	5 15	4 13	0 0	14 13	0 34	18 40	1 22	11 52	1 18	22 44	0 24	17 55	0 20	21 55	1 18	15 50	15 8	6 42	6 54	18 23
W21	0n10	28 20	5 13	5 9	0n11	14 40	0 37	18 44	1 21	11 54	1 18	22 44	0 24	17 54	0 20	21 55	1 18	15 49	15 8	6 42	6 55	18 20
T 22	0 34	28 21	4 57	6 3	0 23	15 6	0 41	18 47	1 20	11 56	1 18	22 44	0 24	17 54	0 20	21 56	1 18	15 49	15 8	6 43	6 56	18 17
F 23	0 57	27 0	4 28	6 57	0 35	15 32	0 44	18 50	1 19	11 58	1 17	22 44	0 24	17 54	0 20	21 56	1 18	15 48	15 8	6 42	6 57	18 15
S 24	1 21	24 26	3 47	7 50	0 47	15 58	0 48	18 54	1 18	12 0	1 17	22 44	0 24	17 53	0 20	21 56	1 18	15 47	15 8	6 42	6 59	18 12
S 25	1 45	20 52	2 57	8 41	1 0	16 23	0 51	18 57	1 17	12 2	1 17	22 44	0 23	17 53	0 20	21 56	1 18	15 47	15 8	6 41	7 0	18 9
M26	2 8	16 29	2 0	9 31	1 12	16 48	0 55	19 0	1 16	12 4	1 17	22 45	0 23	17 53	0 20	21 56	1 18	15 46	15 8	6 41	7 1	18 6
T 27	2 32	11 27	0 57	10 18	1 24	17 13	0 59	19 2	1 16	12 6	1 17	22 45	0 23	17 52	0 20	21 56	1 18	15 46	15 8	6 40	7 2	18 4
W28	2 55	5 58	0n 8	11 4	1 36	17 37	1 2	19 5	1 15	12 8	1 17	22 45	0 23	17 52	0 20	21 56	1 18	15 45	15 8	6 40	7 4	18 1
T 29	3 19	0 12	1 14	11 47	1 48	18 0	1 6	19 8	1 13	12 10	1 17	22 45	0 23	17 52	0 20	21 56	1 18	15 45	15 8	6 40	7 5	17 58
F 30	3 42	5n39	2 18	12 27	1 59	18 23	1 9	19 10	1 12	12 11	1 17	22 45	0 23	17 51	0 20	21 56	1 18	15 44	15 8	6 41	7 6	17 55
S 31	4n 5	11n23	3n16	13n 5	2n10	18n46	1n13	19s13	1n11	12n13	1n17	22n45	0s23	17s51	0n20	21n56	1s18	15s44	15s 8	6s42	7s 7	17s53

ASTRODIENST EPHEMERIS for the year 2063
geocentric

APRIL 2063

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 38	11°18'54	4♂11	0♂3	20♂41	1♂13	1°R12	9♂12	21°R37	22♂45	25♂19	12°R51	11♂47	16♂55	10♂13	S 1
M 2	12 41 35	12°18'09	17° 9	1° 8	21°51	1°18	1♂ 8	9°14	21♂35	22°46	25°21	12♂46	11°44	17° 2	10°17	M 2
T 3	12 45 31	13°17'23	0♂20	2° 7	23° 1	1°23	1° 3	9°17	21°33	22°47	25°22	12°41	11°41	17° 8	10°20	T 3
W 4	12 49 28	14°16'34	13°45	3° 0	24°10	1°27	0°59	9°19	21°31	22°48	25°24	12°37	11°38	17°15	10°23	W 4
T 5	12 53 24	15°15'43	27°22	3°45	25°20	1°30	0°55	9°22	21°30	22°49	25°25	12°35	11°35	17°22	10°27	T 5
F 6	12 57 21	16°14'50	11♂13	4°25	26°30	1°33	0°51	9°25	21°28	22°50	25°27	12°D33	11°31	17°28	10°30	F 6
S 7	13 1 17	17°13'54	25°15	4°57	27°39	1°35	0°48	9°28	21°26	22°52	25°28	12°33	11°28	17°35	10°34	S 7
S 8	13 5 14	18°12'56	9♂28	5°22	28°48	1°36	0°44	9°31	21°24	22°53	25°30	12°35	11°25	17°42	10°37	S 8
M 9	13 9 10	19°11'55	23°51	5°40	29°57	1°R37	0°41	9°34	21°22	22°54	25°31	12°36	11°22	17°48	10°40	M 9
T 10	13 13 7	20°10'52	8♂20	5°52	1♂ 6	1°36	0°38	9°37	21°20	22°55	25°33	12°R37	11°19	17°55	10°43	T 10
W11	13 17 4	21° 9'47	22°52	5°R57	2°15	1°36	0°35	9°41	21°18	22°56	25°34	12°37	11°16	18° 2	10°47	W11
T 12	13 21 0	22° 8'40	7♂21	5°55	3°24	1°34	0°32	9°44	21°16	22°58	25°36	12°34	11°12	18° 8	10°50	T 12
F 13	13 24 57	23° 7'31	21°42	5°47	4°32	1°32	0°29	9°47	21°14	22°59	25°37	12°30	11° 9	18°15	10°53	F 13
S 14	13 28 53	24° 6'19	5♂49	5°33	5°41	1°28	0°27	9°51	21°11	23° 0	25°38	12°25	11° 6	18°21	10°56	S 14
S 15	13 32 50	25° 5'06	19°37	5°13	6°49	1°25	0°25	9°55	21° 9	23° 2	25°40	12°18	11° 3	18°28	10°59	S 15
M16	13 36 46	26° 3'51	3♂ 3	4°48	7°57	1°20	0°23	9°59	21° 7	23° 3	25°41	12°10	11° 0	18°35	11° 2	M16
T 17	13 40 43	27° 2'34	16° 6	4°19	9° 5	1°14	0°21	10° 2	21° 5	23° 4	25°42	12° 4	10°56	18°41	11° 5	T 17
W18	13 44 39	28° 1'16	28° 48	3°45	10°13	1° 8	0°19	10° 6	21° 3	23° 6	25°44	11°58	10°53	18°48	11° 8	W18
T 19	13 48 36	28°59'55	11♂ 9	3° 9	11°20	1° 1	0°18	10°10	21° 0	23° 7	25°45	11°55	10°50	18°55	11°11	T 19
F 20	13 52 33	29°58'34	23°15	2°30	12°28	0°54	0°17	10°15	20°58	23° 9	25°46	11°53	10°47	19° 1	11°14	F 20
S 21	13 56 29	0♂57'10	5♂10	1°49	13°35	0°45	0°15	10°19	20°56	23°10	25°48	11°D53	10°44	19° 8	11°17	S 21
S 22	14 0 26	1°55'45	17° 0	1° 7	14°42	0°36	0°15	10°23	20°53	23°12	25°49	11°53	10°41	19°15	11°19	S 22
M23	14 4 22	2°54'18	28°48	0°25	15°49	0°26	0°14	10°28	20°51	23°13	25°50	11°55	10°37	19°21	11°22	M23
T 24	14 8 19	3°52'49	10♂42	29°Y43	16°55	0°15	0°13	10°32	20°49	23°15	25°52	11°R55	10°34	19°28	11°25	T 24
W25	14 12 15	4°51'18	22°44	29° 3	18° 2	0° 3	0°13	10°37	20°46	23°16	25°53	11°55	10°31	19°35	11°28	W25
T 26	14 16 12	5°49'46	4°Y59	28°24	19° 8	29♂51	0°D13	10°41	20°44	23°18	25°54	11°52	10°28	19°41	11°30	T 26
F 27	14 20 8	6°48'12	17°30	27°48	20°14	29°38	0°13	10°46	20°42	23°20	25°55	11°47	10°25	19°48	11°33	F 27
S 28	14 24 5	7°46'37	0♂18	27°16	21°20	29°25	0°13	10°51	20°39	23°21	25°57	11°40	10°21	19°55	11°35	S 28
S 29	14 28 2	8°45'00	13°23	26°47	22°26	29°10	0°13	10°56	20°37	23°23	25°58	11°31	10°18	20° 1	11°38	S 29
M30	14 31 58	9♂43'20	26♂45	26°Y22	23♂31	28♂55	0♂14	11♂ 1	20♂34	23♂25	25♂59	11♂21	10♂15	20♂ 8	11♂40	M30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	4n29	16n45	4n 5	13n40	2n20	19n 9	1n16	19s15	1n10	12n14	1n17	22n45	0s22	17s50	0n20	21n56	1s18	15s43	15s 8	6s44	7s 8	17s50	2s56	5n11
M 2	4 52	21 27	4 42	14 12	2 29	19 30	1 20	19 17	1 9	12 16	1 17	22 44	0 22	17 50	0 20	21 57	1 18	15 43	15 9	6 46	7 10	17 47	2 54	5 12
T 3	5 15	25 11	5 5	14 41	2 38	19 52	1 23	19 20	1 8	12 17	1 17	22 44	0 22	17 49	0 20	21 57	1 18	15 42	15 9	6 48	7 11	17 44	2 53	5 12
W 4	5 38	27 37	5 12	15 6	2 46	20 13	1 27	19 22	1 7	12 19	1 16	22 44	0 22	17 49	0 20	21 57	1 18	15 42	15 9	6 49	7 12	17 41	2 51	5 12
T 5	6 1	28 27	5 2	15 28	2 53	20 33	1 30	19 24	1 5	12 20	1 16	22 44	0 22	17 48	0 20	21 57	1 18	15 41	15 9	6 50	7 13	17 39	2 50	5 12
F 6	6 23	27 31	4 34	15 47	2 59	20 53	1 34	19 25	1 4	12 21	1 16	22 44	0 22	17 48	0 20	21 57	1 18	15 41	15 9	6 51	7 14	17 36	2 49	5 12
S 7	6 46	24 51	3 50	16 3	3 3	21 12	1 37	19 27	1 2	12 22	1 16	22 44	0 22	17 47	0 20	21 57	1 17	15 40	15 9	6 51	7 16	17 33	2 47	5 12
S 8	7 8	20 37	2 51	16 14	3 7	21 31	1 40	19 29	1 1	12 24	1 16	22 44	0 21	17 47	0 20	21 57	1 17	15 40	15 9	6 50	7 17	17 30	2 46	5 12
M 9	7 31	15 9	1 41	16 23	3 9	21 49	1 44	19 30	1 0	12 25	1 16	22 44	0 21	17 46	0 20	21 57	1 17	15 40	15 10	6 50	7 18	17 27	2 45	5 12
T 10	7 53	8 48	0 23	16 27	3 10	22 7	1 47	19 32	0 58	12 26	1 16	22 44	0 21	17 46	0 20	21 57	1 17	15 39	15 10	6 49	7 19	17 24	2 43	5 12
W11	8 15	1 59	0s56	16 28	3 9	22 24	1 50	19 33	0 56	12 27	1 16	22 44	0 21	17 45	0 20	21 58	1 17	15 39	15 10	6 50	7 20	17 22	2 42	5 13
T 12	8 37	4s55	2 10	16 26	3 7	22 41	1 53	19 34	0 55	12 27	1 15	22 44	0 21	17 45	0 20	21 58	1 17	15 38	15 10	6 50	7 22	17 19	2 41	5 13
F 13	8 59	11 29	3 16	16 20	3 3	22 57	1 56	19 36	0 53	12 28	1 15	22 44	0 21	17 44	0 20	21 58	1 17	15 38	15 10	6 52	7 23	17 16	2 39	5 13
S 14	9 21	17 22	4 9	16 10	2 58	23 13	2 0	19 37	0 52	12 29	1 15	22 43	0 21	17 44	0 20	21 58	1 17	15 37	15 10	6 54	7 24	17 13	2 38	5 13
S 15	9 42	22 12	4 45	15 57	2 52	23 27	2 3	19 38	0 50	12 30	1 15	22 43	0 21	17 43	0 20	21 58	1 17	15 37	15 11	6 57	7 25	17 10	2 37	5 13
M16	10 4	25 45	5 5	15 41	2 44	23 42	2 6	19 38	0 48	12 30	1 15	22 43	0 20	17 43	0 20	21 58	1 17	15 37	15 11	7 0	7 26	17 7	2 35	5 13
T 17	10 25	27 49	5 8	15 23	2 34	23 56	2 9	19 39	0 46	12 31	1 15	22 43	0 20	17 42	0 20	21 58	1 17	15 36	15 11	7 2	7 28	17 5	2 34	5 14
W18	10 46	28 22	4 56	15 1	2 23	24 9	2 12	19 40	0 44	12 31	1 15	22 43	0 20	17 41	0 20	21 58	1 17	15 36	15 11	7 4	7 29	17 2	2 33	5 14
T 19	11 7	27 27	4 30	14 37	2 11	24 21	2 14	19 40	0 42	12 32	1 14	22 43	0 20	17 41	0 20	21 58	1 17	15 36	15 11	7 6	7 30	16 59	2 32	5 14
F 20	11 28	25 15	3 52	14 11	1 58	24 33	2 17	19 41	0 40	12 32	1 14	22 42	0 20	17 40	0 20	21 59	1 17	15 35	15 12	7 6	7 31	16 56	2 30	5 14
S 21	11 48	21 58	3 5	13 43	1 44	24 44	2 20	19 41	0 38	12 32	1 14	22 42	0 20	17 40	0 20	21 59	1 17	15 35	15 12	7 6	7 33	16 53	2 29	5 14
S 22	12 8	17 49	2 10	13 14	1 28	24 55	2 23	19 41	0 36	12 32	1 14	22 42	0 20	17 39	0 20	21 59	1 17	15 35	15 12	7 6	7 34	16 50	2 28	5 14
M23	12 29	12 59	1 10	12 45	1 12	25 5	2 25	19 41	0 34	12 32	1 14	22 42	0 20	17 38	0 20	21 59	1 17	15 34	15 12	7 6	7 35	16 47	2 27	5 15
T 24	12 49	7 39	0 7	12 15	0 56	25 15	2 28	19 41	0 32	12 33	1 14	22 42	0 19	17 38	0 20	21 59	1 17	15 34	15 12	7 5	7 36	16 44	2 26	5 15
W25	13 8	2 0	0n58	11 44	0 39	25 23	2 30	19 41	0 30	12 32	1 14	22 41	0 19	17 37	0 20	21 59	1 17	15 34	15 13	7 6	7 37	16 42	2 24	5 15
T 26	13 28	3n50	2 1	11 15	0 22	25 31	2 33	19 40	0 27	12 32	1 13	22 41	0 19	17 36	0 20	21 59	1 17	15 33	15 13	7 7	7 39	16 39	2 23	5 15
F 27	13 47	9 37	2 59	10 46	0 5	25 39	2 35	19 40	0 25	12 32	1 13	22 41	0 19	17 36	0 20	21 59	1 17	15 33	15 13	7 8	7 40	16 36	2 22	5 15
S 28	14 6	15 9	3 49	10 19	0s12	25 46	2 37	19 39	0 23	12 32	1 13	22 41	0 19	17 35	0 20	22 0	1 17	15 33	15 13	7 11	7 41	16 33	2 21	5 15
S 29	14 25	20 8	4 29	9 53	0 29	25 52	2 39	19 38	0 20	12 32	1 13	22 40	0 19	17 35	0 20	22 0	1 17	15 33	15 14	7 15	7 42	16 30	2 20	5 16
M30	14n43	24n12	4n55	9n28	0s45	25n58	2n41	19s37	0n18	12n31	1n13	22n40	0s19	17s34	0n20	22n 0	1s17	15s32	15s14	7s18	7s43	16s27	2s19	5n16

ASTRODIENST EPHEMERIS for the year 2063

geocentric

MAY 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 55	10♈41'40	10♊21	26°R 1	24♊36	28°R39	0♈15	11♈6	20°R32	23♊26	26♈0	11°R11	10♈12	20♈15	11♈43	T 1
W 2	14 39 51	11°39'57	24° 8	25°Y45	25°41	28♊23	0°16	11°11	20♊29	23°28	26° 1	11° 2	10° 9	20°21	11°45	W 2
T 3	14 43 48	12°38'12	8♈4	25°33	26°46	28° 6	0°17	11°16	20°27	23°30	26° 2	10°56	10° 6	20°28	11°47	T 3
F 4	14 47 44	13°36'25	22° 5	25°26	27°50	27°49	0°18	11°21	20°24	23°32	26° 4	10°52	10° 2	20°35	11°50	F 4
S 5	14 51 41	14°34'36	6♊10	25°D24	28°55	27°31	0°19	11°27	20°22	23°34	26° 5	10°50	9°59	20°41	11°52	S 5
S 6	14 55 37	15°32'45	20°18	25°26	29°59	27°12	0°21	11°32	20°19	23°35	26° 6	10°D50	9°56	20°48	11°54	S 6
M 7	14 59 34	16°30'52	4♊26	25°34	1♈2	26°53	0°23	11°38	20°17	23°37	26° 7	10°R50	9°53	20°55	11°56	M 7
T 8	15 3 31	17°28'57	18°35	25°46	2° 6	26°34	0°25	11°43	20°14	23°39	26° 8	10°50	9°50	21° 1	11°58	T 8
W 9	15 7 27	18°27'00	2♈42	26° 3	3° 9	26°14	0°27	11°49	20°12	23°41	26° 9	10°48	9°47	21° 8	12° 0	W 9
T 10	15 11 24	19°25'02	16°44	26°24	4°12	25°54	0°30	11°54	20° 9	23°43	26°10	10°44	9°43	21°15	12° 2	T 10
F 11	15 15 20	20°23'01	0♊40	26°49	5°14	25°34	0°32	12° 0	20° 7	23°45	26°11	10°37	9°40	21°21	12° 4	F 11
S 12	15 19 17	21°20'59	14°25	27°19	6°17	25°13	0°35	12° 6	20° 4	23°47	26°12	10°28	9°37	21°28	12° 6	S 12
S 13	15 23 13	22°18'55	27°56	27°53	7°19	24°52	0°38	12°12	20° 2	23°49	26°13	10°16	9°34	21°34	12° 8	S 13
M14	15 27 10	23°16'50	11♈10	28°30	8°20	24°31	0°41	12°18	19°59	23°51	26°14	10° 5	9°31	21°41	12°10	M14
T 15	15 31 6	24°14'43	24° 6	29°12	9°22	24° 9	0°44	12°24	19°57	23°53	26°15	9°53	9°27	21°48	12°12	T 15
W16	15 35 3	25°12'35	6♈43	29°57	10°22	23°48	0°47	12°30	19°54	23°55	26°16	9°44	9°24	21°54	12°13	W16
T 17	15 39 0	26°10'26	19° 2	0♈46	11°23	23°26	0°51	12°36	19°52	23°57	26°17	9°36	9°21	22° 1	12°15	T 17
F 18	15 42 56	27° 8'15	1♈8	1°38	12°23	23° 5	0°55	12°42	19°49	23°59	26°18	9°31	9°18	22° 8	12°17	F 18
S 19	15 46 53	28° 6'03	13° 3	2°33	13°23	22°43	0°59	12°49	19°47	24° 1	26°18	9°28	9°15	22°14	12°18	S 19
S 20	15 50 49	29° 3'50	24°52	3°32	14°23	22°21	1° 3	12°55	19°44	24° 3	26°19	9°28	9°12	22°21	12°20	S 20
M21	15 54 46	0♊1'36	6♈41	4°34	15°22	22° 0	1° 7	13° 1	19°42	24° 5	26°20	9°28	9° 8	22°28	12°21	M21
T 22	15 58 42	0°59'21	18°36	5°39	16°20	21°39	1°11	13° 8	19°39	24° 7	26°21	9°27	9° 5	22°34	12°23	T 22
W23	16 2 39	1°57'04	0♈41	6°46	17°19	21°18	1°16	13°14	19°37	24° 9	26°22	9°26	9° 2	22°41	12°24	W23
T 24	16 6 35	2°54'47	13° 1	7°57	18°16	20°57	1°20	13°21	19°34	24°11	26°22	9°22	8°59	22°48	12°25	T 24
F 25	16 10 32	3°52'28	25°40	9°10	19°14	20°36	1°25	13°27	19°32	24°13	26°23	9°16	8°56	22°54	12°26	F 25
S 26	16 14 29	4°50'09	8♈41	10°26	20°11	20°16	1°30	13°34	19°29	24°15	26°24	9° 7	8°53	23° 1	12°28	S 26
S 27	16 18 25	5°47'48	22° 4	11°45	21° 7	19°56	1°36	13°41	19°27	24°18	26°25	8°57	8°49	23° 8	12°29	S 27
M28	16 22 22	6°45'26	5♊48	13° 6	22° 3	19°37	1°41	13°47	19°25	24°20	26°25	8°45	8°46	23°14	12°30	M28
T 29	16 26 18	7°43'03	19°48	14°30	22°59	19°18	1°46	13°54	19°22	24°22	26°26	8°33	8°43	23°21	12°31	T 29
W30	16 30 15	8°40'39	4♈2	15°57	23°54	18°59	1°52	14° 1	19°20	24°24	26°27	8°22	8°40	23°28	12°32	W30
T 31	16 34 11	9♊38'14	18♈22	17♈26	24♈48	18♊41	1♈58	14♈8	19♊18	24♊26	26♈27	8♈14	8♈37	23♈34	12♈33	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n 2	27n 1	5n 4	9n 6	1s 1	26n 3	2n43	19s37	0n15	12n31	1n13	22n40	0s19	17s33	0n20	22n 0
W 2	15 20	28 14	4 57	8 46	1 16	26 7	2 45	19 35	0 13	12 31	1 13	22 39	0 18	17 33	0 20	22 0
T 3	15 38	27 42	4 31	8 29	1 30	26 11	2 47	19 34	0 10	12 30	1 12	22 39	0 18	17 32	0 20	22 0
F 4	15 55	25 24	3 50	8 14	1 43	26 14	2 49	19 33	0 7	12 29	1 12	22 39	0 18	17 31	0 20	22 0
S 5	16 12	21 32	2 54	8 1	1 56	26 16	2 50	19 31	0 5	12 29	1 12	22 38	0 18	17 31	0 20	22 0
S 6	16 29	16 25	1 47	7 51	2 8	26 18	2 52	19 30	0 2	12 28	1 12	22 38	0 18	17 30	0 20	22 0
M 7	16 46	10 25	0 34	7 43	2 19	26 19	2 53	19 28	0s 1	12 27	1 12	22 38	0 18	17 29	0 20	22 1
T 8	17 3	3 53	0s41	7 38	2 29	26 19	2 54	19 26	0 3	12 26	1 12	22 37	0 18	17 29	0 20	22 1
W 9	17 19	2s48	1 54	7 36	2 38	26 19	2 55	19 24	0 6	12 25	1 11	22 37	0 18	17 28	0 20	22 1
T 10	17 35	9 19	2 59	7 36	2 46	26 18	2 56	19 22	0 9	12 24	1 11	22 37	0 18	17 27	0 20	22 1
F 11	17 50	15 20	3 52	7 38	2 54	26 17	2 57	19 20	0 12	12 23	1 11	22 36	0 17	17 27	0 20	22 1
S 12	18 6	20 29	4 32	7 43	3 0	26 15	2 58	19 18	0 15	12 22	1 11	22 36	0 17	17 26	0 20	22 1
S 13	18 21	24 29	4 55	7 49	3 6	26 12	2 59	19 16	0 18	12 21	1 11	22 35	0 17	17 25	0 20	22 1
M14	18 35	27 5	5 2	7 58	3 11	26 9	2 59	19 13	0 21	12 20	1 11	22 35	0 17	17 25	0 20	22 1
T 15	18 50	28 10	4 53	8 9	3 14	26 6	3 0	19 11	0 23	12 19	1 10	22 34	0 17	17 24	0 20	22 2
W16	19 4	27 45	4 29	8 22	3 18	26 1	3 0	19 9	0 26	12 17	1 10	22 34	0 17	17 23	0 20	22 2
T 17	19 17	25 56	3 54	8 37	3 20	25 56	3 0	19 6	0 29	12 16	1 10	22 34	0 17	17 23	0 20	22 2
F 18	19 31	22 58	3 8	8 53	3 21	25 51	3 0	19 3	0 32	12 14	1 10	22 33	0 17	17 22	0 20	22 2
S 19	19 44	19 3	2 15	9 12	3 22	25 45	3 0	19 1	0 35	12 13	1 10	22 33	0 17	17 21	0 20	22 2
S 20	19 57	14 26	1 17	9 31	3 22	25 38	3 0	18 58	0 38	12 11	1 10	22 32	0 16	17 21	0 20	22 2
M21	20 9	9 17	0 15	9 53	3 21	25 31	2 59	18 55	0 41	12 10	1 10	22 32	0 16	17 20	0 20	22 2
T 22	20 21	3 46	0n48	10 15	3 20	25 24	2 59	18 52	0 44	12 8	1 9	22 31	0 16	17 19	0 20	22 2
W23	20 33	1n57	1 50	10 40	3 18	25 15	2 58	18 50	0 46	12 6	1 9	22 31	0 16	17 19	0 20	22 3
T 24	20 44	7 43	2 48	11 5	3 15	25 7	2 57	18 47	0 49	12 4	1 9	22 30	0 16	17 18	0 20	22 3
F 25	20 55	13 19	3 39	11 31	3 11	24 58	2 56	18 44	0 52	12 2	1 9	22 29	0 16	17 17	0 20	22 3
S 26	21 6	18 29	4 20	11 59	3 7	24 48	2 55	18 41	0 55	12 0	1 9	22 29	0 16	17 17	0 20	22 3
S 27	21 16	22 54	4 48	12 27	3 3	24 38	2 54	18 39	0 58	11 58	1 9	22 28	0 16	17 16	0 20	22 3
M28	21 26	26 11	5 0	12 57	2 57	24 27	2 52	18 36	1 0	11 56	1 8	22 28	0 16	17 16	0 20	22 3
T 29	21 35	27 56	4 55	13 27	2 52	24 16	2 50	18 33	1 3	11 54	1 8	22 27	0 15	17 15	0 20	22 3
W30	21 45	27 53	4 31	13 58	2 45	24 5	2 48	18 31	1 6	11 52	1 8	22 27	0 15	17 14	0 20	22 3
T 31	21n53	25n59	3n51	14n30	2s38	23n53	2n46	18s28	1s 8	11n50	1n 8	22n26	0s15	17s14	0n20	22n 3

Julian Day Number = 2474675.5, Delta T = 78.73 sec
 Ecliptic obliquity = 23°26'00, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°37'30, Lahiri = 24°44'31

ASTRODIENST EPHEMERIS for the year 2063

geocentric

JUNE 2063

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 8	10 ^{II} 35'47	2 ^{II} 44	18 ^{III} 58	25 ^{III} 42	18°R24	2 ^{II} 4	14 ^{III} 15	19°R15	24 ^{II} 28	26 ^{II} 28	8°R 8	8 ^{II} 33	23 ^{III} 41	12 ^{II} 33	F 1
S 2	16 42 5	11°33'19	17° 3	20°32	26°35	18 ^{III} 7	2°10	14°22	19 ^{III} 13	24°31	26°28	8 ^{II} 5	8°30	23°48	12°34	S 2
S 3	16 46 1	12°30'49	1 ^{II} 17	22° 8	27°28	17°51	2°16	14°29	19°11	24°33	26°29	8° 5	8°27	23°54	12°35	S 3
M 4	16 49 58	13°28'19	15°23	23°48	28°20	17°35	2°22	14°36	19° 9	24°35	26°29	8° 4	8°24	24° 1	12°36	M 4
T 5	16 53 54	14°25'46	29°22	25°29	29°11	17°20	2°29	14°43	19° 6	24°37	26°30	8° 4	8°21	24° 7	12°36	T 5
W 6	16 57 51	15°23'13	13 ^{II} 12	27°13	0 ^{II} 2	17° 6	2°35	14°50	19° 4	24°39	26°30	8° 2	8°18	24°14	12°37	W 6
T 7	17 1 47	16°20'38	26°53	29° 0	0°51	16°53	2°42	14°57	19° 2	24°42	26°31	7°57	8°14	24°21	12°37	T 7
F 8	17 5 44	17°18'02	10 ^{III} 24	0 ^{II} 49	1°41	16°40	2°49	15° 4	19° 0	24°44	26°31	7°50	8°11	24°27	12°38	F 8
S 9	17 9 40	18°15'26	23°45	2°40	2°29	16°28	2°56	15°11	18°58	24°46	26°32	7°40	8° 8	24°34	12°38	S 9
S 10	17 13 37	19°12'48	6 ^{II} 54	4°34	3°17	16°17	3° 3	15°19	18°56	24°48	26°32	7°28	8° 5	24°41	12°38	S 10
M 11	17 17 34	20°10'10	19°49	6°30	4° 4	16° 7	3°10	15°26	18°54	24°51	26°32	7°16	8° 2	24°47	12°39	M 11
T 12	17 21 30	21° 7'30	2 ^{II} 30	8°28	4°50	15°57	3°18	15°33	18°52	24°53	26°33	7° 4	7°59	24°54	12°39	T 12
W 13	17 25 27	22° 4'50	14°56	10°28	5°35	15°49	3°25	15°41	18°50	24°55	26°33	6°54	7°55	25° 1	12°39	W 13
T 14	17 29 23	23° 2'10	27° 8	12°31	6°19	15°41	3°33	15°48	18°48	24°57	26°33	6°45	7°52	25° 7	12°39	T 14
F 15	17 33 20	23°59'28	9 ^{III} 10	14°35	7° 2	15°33	3°41	15°55	18°46	25° 0	26°34	6°40	7°49	25°14	12°R39	F 15
S 16	17 37 16	24°56'47	21° 2	16°41	7°44	15°27	3°49	16° 3	18°44	25° 2	26°34	6°37	7°46	25°21	12°39	S 16
S 17	17 41 13	25°54'04	2 ^{II} 51	18°49	8°25	15°22	3°57	16°10	18°42	25° 4	26°34	6°D36	7°43	25°27	12°39	S 17
M 18	17 45 9	26°51'22	14°39	20°58	9° 6	15°17	4° 5	16°18	18°40	25° 6	26°34	6°36	7°39	25°34	12°39	M 18
T 19	17 49 6	27°48'39	26°33	23° 8	9°45	15°13	4°13	16°25	18°38	25° 8	26°35	6°R36	7°36	25°41	12°39	T 19
W 20	17 53 3	28°45'56	8 ^{II} 38	25°19	10°23	15°10	4°21	16°33	18°37	25°11	26°35	6°36	7°33	25°47	12°39	W 20
T 21	17 56 59	29°43'12	21° 0	27°30	10°59	15° 8	4°30	16°40	18°35	25°13	26°35	6°33	7°30	25°54	12°38	T 21
F 22	18 0 56	0 ^{II} 40'28	3 ^{II} 41	29°42	11°35	15° 6	4°38	16°48	18°33	25°15	26°35	6°29	7°27	26° 0	12°38	F 22
S 23	18 4 52	1°37'45	16°48	1 ^{II} 53	12° 9	15°D 6	4°47	16°56	18°32	25°17	26°35	6°23	7°24	26° 7	12°38	S 23
S 24	18 8 49	2°35'01	0 ^{II} 19	4° 5	12°42	15° 6	4°56	17° 3	18°30	25°20	26°35	6°14	7°20	26°14	12°37	S 24
M 25	18 12 45	3°32'17	14°17	6°16	13°14	15° 7	5° 5	17°11	18°29	25°22	26°35	6° 5	7°17	26°20	12°37	M 25
T 26	18 16 42	4°29'32	28°36	8°26	13°44	15° 9	5°14	17°19	18°27	25°24	26°35	5°55	7°14	26°27	12°36	T 26
W 27	18 20 38	5°26'48	13 ^{II} 11	10°35	14°13	15°12	5°23	17°26	18°26	25°26	26°R35	5°46	7°11	26°34	12°36	W 27
T 28	18 24 35	6°24'03	27°55	12°43	14°40	15°15	5°32	17°34	18°24	25°29	26°35	5°40	7° 8	26°40	12°35	T 28
F 29	18 28 32	7°21'17	12 ^{II} 41	14°49	15° 6	15°19	5°42	17°42	18°23	25°31	26°35	5°35	7° 5	26°47	12°34	F 29
S 30	18 32 28	8 ^{II} 18'31	27 ^{II} 21	16 ^{II} 54	15 ^{II} 29	15 ^{II} 24	5 ^{II} 51	17 ^{II} 54	18 ^{II} 22	25 ^{II} 33	26 ^{II} 35	5 ^{II} 34	7 ^{II} 1	26 ^{II} 54	12 ^{II} 33	S 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 2	22n23	2n55	15n 2	2s31	23n41	2n44	18s26	1s11	11n48	1n 8	22n25	0s15	17s13	0n20	22n 4	1s16	15s30	15s24	8s31	8s22	14s52	1s52	5n23	
S 2	22 10	17 27	1 49	15 35	2 23	23 28	2 41	18 24	1 13	11 45	1 8	22 25	0 15	17 12	0 20	22 4	1 16	15 30	15 24	8 32	8 23	14 49	1 51	5 24	
S 3	22 17	11 34	0 36	16 8	2 15	23 15	2 39	18 22	1 16	11 43	1 8	22 24	0 15	17 12	0 20	22 4	1 16	15 30	15 25	8 32	8 24	14 46	1 51	5 24	
M 4	22 25	5 10	0s39	16 41	2 6	23 2	2 36	18 20	1 18	11 41	1 7	22 23	0 15	17 11	0 20	22 4	1 16	15 30	15 25	8 32	8 25	14 43	1 50	5 24	
T 5	22 32	1s26	1 50	17 14	1 57	22 48	2 33	18 18	1 21	11 38	1 7	22 23	0 15	17 11	0 20	22 4	1 16	15 31	15 25	8 33	8 26	14 40	1 50	5 25	
W 6	22 38	7 53	2 54	17 47	1 47	22 34	2 30	18 16	1 23	11 36	1 7	22 22	0 15	17 10	0 20	22 4	1 16	15 31	15 26	8 33	8 27	14 37	1 49	5 25	
T 7	22 44	13 54	3 48	18 21	1 38	22 20	2 26	18 14	1 25	11 33	1 7	22 21	0 15	17 10	0 20	22 4	1 16	15 31	15 26	8 35	8 29	14 34	1 49	5 25	
F 8	22 50	19 10	4 28	18 53	1 27	22 6	2 22	18 13	1 28	11 30	1 7	22 21	0 14	17 9	0 20	22 4	1 16	15 31	15 26	8 38	8 30	14 31	1 48	5 25	
S 9	22 55	23 25	4 52	19 26	1 17	21 51	2 18	18 12	1 30	11 28	1 7	22 20	0 14	17 8	0 20	22 4	1 15	15 31	15 27	8 41	8 31	14 28	1 48	5 26	
S 10	23 0	26 24	5 1	19 58	1 6	21 36	2 14	18 10	1 32	11 25	1 7	22 19	0 14	17 8	0 20	22 4	1 15	15 31	15 27	8 46	8 32	14 25	1 48	5 26	
M11	23 4	27 55	4 54	20 29	0 55	21 20	2 10	18 10	1 34	11 22	1 7	22 18	0 14	17 7	0 20	22 5	1 15	15 32	15 27	8 50	8 33	14 22	1 47	5 26	
T 12	23 8	27 57	4 32	20 59	0 44	21 5	2 5	18 9	1 36	11 20	1 6	22 18	0 14	17 7	0 20	22 5	1 15	15 32	15 28	8 55	8 35	14 19	1 47	5 26	
W13	23 12	26 32	3 58	21 28	0 33	20 49	2 1	18 8	1 38	11 17	1 6	22 17	0 14	17 6	0 20	22 5	1 15	15 32	15 28	8 59	8 36	14 16	1 47	5 27	
T 14	23 15	23 53	3 13	21 56	0 22	20 33	1 55	18 8	1 40	11 14	1 6	22 16	0 14	17 6	0 20	22 5	1 15	15 32	15 29	9 2	8 37	14 13	1 46	5 27	
F 15	23 18	20 13	2 20	22 22	0 11	20 17	1 50	18 7	1 42	11 11	1 6	22 15	0 14	17 5	0 20	22 5	1 15	15 32	15 29	9 4	8 38	14 10	1 46	5 27	
S 16	23 20	15 46	1 22	22 46	0 0	20 1	1 45	18 7	1 44	11 8	1 6	22 15	0 14	17 5	0 20	22 5	1 15	15 33	15 29	9 5	8 39	14 7	1 46	5 27	
S 17	23 22	10 46	0 20	23 8	0n11	19 44	1 39	18 7	1 46	11 5	1 6	22 14	0 14	17 4	0 20	22 5	1 15	15 33	15 30	9 5	8 41	14 4	1 46	5 28	
M18	23 24	5 23	0n43	23 29	0 21	19 28	1 33	18 8	1 48	11 2	1 6	22 13	0 13	17 4	0 19	22 5	1 15	15 33	15 30	9 5	8 42	14 1	1 45	5 28	
T 19	23 25	0n14	1 44	23 47	0 31	19 11	1 26	18 8	1 49	10 59	1 6	22 12	0 13	17 3	0 19	22 5	1 15	15 33	15 30	9 5	8 43	13 58	1 45	5 28	
W20	23 26	5 54	2 42	24 2	0 41	18 55	1 20	18 9	1 51	10 56	1 5	22 11	0 13	17 3	0 19	22 5	1 15	15 34	15 31	9 5	8 44	13 55	1 45	5 28	
T 21	23 26	11 29	3 34	24 15	0 51	18 38	1 13	18 10	1 53	10 52	1 5	22 11	0 13	17 2	0 19	22 5	1 15	15 34	15 31	9 6	8 45	13 52	1 45	5 29	
F 22	23 26	16 45	4 16	24 26	1 0	18 21	1 5	18 11	1 54	10 49	1 5	22 10	0 13	17 2	0 19	22 6	1 15	15 34	15 32	9 8	8 46	13 49	1 45	5 29	
S 23	23 25	21 25	4 47	24 33	1 8	18 4	0 58	18 12	1 56	10 46	1 5	22 9	0 13	17 2	0 19	22 6	1 15	15 35	15 32	9 10	8 48	13 45	1 45	5 29	
S 24	23 24	25 8	5 2	24 38	1 16	17 48	0 50	18 14	1 57	10 42	1 5	22 8	0 13	17 1	0 19	22 6	1 15	15 35	15 32	9 13	8 49	13 42	1 45	5 29	
M25	23 23	27 29	5 1	24 40	1 23	17 31	0 42	18 15	1 58	10 39	1 5	22 7	0 13	17 1	0 19	22 6	1 15	15 35	15 33	9 17	8 50	13 39	1 45	5 30	
T 26	23 21	28 6	4 41	24 39	1 29	17 14	0 34	18 17	2 0	10 36	1 5	22 6	0 13	17 0	0 19	22 6	1 15	15 36	15 33	9 20	8 51	13 36	1 45	5 30	
W27	23 19	26 48	4 2	24 35	1 35	16 58	0 25	18 19	2 1	10 32	1 5	22 5	0 13	17 0	0 19	22 6	1 15	15 36	15 33	9 24	8 52	13 33	1 45	5 30	
T 28	23 17	23 38	3 7	24 29	1 39	16 41	0 16	18 21	2 2	10 29	1 5	22 4	0 13	17 0	0 19	22 6	1 15	15 36	15 34	9 26	8 53	13 30	1 45	5 30	
F 29	23 14	18 54	1 59	24 20	1 44	16 25	0 7	18 24	2 4	10 25	1 4	22 3	0 12	16 59	0 19	22 6	1 15	15 37	15 34	9 28	8 55	13 27	1 45	5 31	
S 30	23n10	13n 5	0n44	24n 8	1n47	16n 9	0s 3	18s27	2s 5	10n22	1n 4	22n 3	0s12	16s59	0n19	22n 6	1s15	15s37	15s35	9s28	8s56	13s24	1s45	5n31	

ASTRODIENST EPHEMERIS for the year 2063
geocentric

JULY 2063

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 36 25	9♉15'45	11♊50	18♈57	15♌52	15♍30	6♎0	17♏57	18°R20	25♐35	26°R35	5°D33	6♋58	27♌0	12°R32	S 1
M 2	18 40 21	10°12'58	26° 5	20°59	16°12	15°37	6°10	18° 5	18♌19	25°37	26♋35	5♈34	6°55	27° 7	12♋32	M 2
T 3	18 44 18	11°10'11	10♌5	22°59	16°31	15°44	6°20	18°13	18°18	25°39	26°35	5°R35	6°52	27°14	12°31	T 3
W 4	18 48 14	12° 7'23	23°49	24°57	16°48	15°52	6°30	18°20	18°17	25°42	26°35	5°34	6°49	27°20	12°30	W 4
T 5	18 52 11	13° 4'35	7♍18	26°53	17° 2	16° 1	6°39	18°28	18°15	25°44	26°34	5°32	6°45	27°27	12°29	T 5
F 6	18 56 7	14° 1'47	20°32	28°47	17°15	16°11	6°49	18°36	18°14	25°46	26°34	5°27	6°42	27°34	12°27	F 6
S 7	19 0 4	14°58'58	3♊33	0♌39	17°26	16°21	7° 0	18°44	18°13	25°48	26°34	5°20	6°39	27°40	12°26	S 7
S 8	19 4 1	15°56'10	16°21	2°28	17°34	16°32	7°10	18°51	18°12	25°50	26°34	5°12	6°36	27°47	12°25	S 8
M 9	19 7 57	16°53'21	28°57	4°16	17°41	16°44	7°20	18°59	18°12	25°52	26°33	5° 4	6°33	27°54	12°24	M 9
T 10	19 11 54	17°50'33	11♈21	6° 2	17°45	16°56	7°30	19° 7	18°11	25°54	26°33	4°55	6°30	28° 0	12°23	T 10
W11	19 15 50	18°47'44	23°33	7°46	17°R47	17° 9	7°41	19°15	18°10	25°57	26°33	4°48	6°26	28° 7	12°21	W11
T 12	19 19 47	19°44'56	5♈37	9°28	17°46	17°22	7°51	19°22	18° 9	25°59	26°32	4°43	6°23	28°13	12°20	T 12
F 13	19 23 43	20°42'07	17°32	11° 8	17°43	17°37	8° 2	19°30	18° 8	26° 1	26°32	4°39	6°20	28°20	12°18	F 13
S 14	19 27 40	21°39'20	29°21	12°46	17°38	17°52	8°12	19°38	18° 8	26° 3	26°32	4°D38	6°17	28°27	12°17	S 14
S 15	19 31 37	22°36'32	11♋8	14°22	17°31	18° 7	8°23	19°46	18° 7	26° 5	26°31	4°38	6°14	28°33	12°15	S 15
M16	19 35 33	23°33'45	22°57	15°56	17°21	18°23	8°34	19°54	18° 6	26° 7	26°31	4°39	6°11	28°40	12°14	M16
T 17	19 39 30	24°30'59	4♎51	17°28	17° 8	18°40	8°45	20° 1	18° 6	26° 9	26°30	4°40	6° 7	28°47	12°12	T 17
W18	19 43 26	25°28'13	16°55	18°58	16°54	18°57	8°56	20° 9	18° 5	26°11	26°30	4°42	6° 4	28°53	12°10	W18
T 19	19 47 23	26°25'28	29°15	20°25	16°37	19°15	9° 7	20°17	18° 5	26°13	26°30	4°R42	6° 1	29° 0	12° 9	T 19
F 20	19 51 19	27°22'43	11♌56	21°51	16°17	19°33	9°18	20°25	18° 5	26°15	26°29	4°41	5°58	29° 7	12° 7	F 20
S 21	19 55 16	28°19'59	25° 0	23°15	15°56	19°52	9°29	20°32	18° 4	26°17	26°29	4°38	5°55	29°13	12° 5	S 21
S 22	19 59 12	29°17'16	8♐32	24°36	15°32	20°11	9°40	20°40	18° 4	26°19	26°28	4°34	5°51	29°20	12° 3	S 22
M23	20 3 9	0♌14'34	22°31	25°55	15° 6	20°31	9°51	20°48	18° 4	26°21	26°27	4°30	5°48	29°27	12° 1	M23
T 24	20 7 6	1°11'53	6♉55	27°12	14°39	20°52	10° 3	20°56	18° 4	26°23	26°27	4°25	5°45	29°33	11°59	T 24
W25	20 11 2	2° 9'12	21°41	28°27	14° 9	21°13	10°14	21° 3	18° 3	26°25	26°26	4°20	5°42	29°40	11°57	W25
T 26	20 14 59	3° 6'32	6♌40	29°40	13°38	21°34	10°26	21°11	18° 3	26°27	26°26	4°17	5°39	29°46	11°55	T 26
F 27	20 18 55	4° 3'53	21°45	0♎50	13° 6	21°56	10°37	21°19	18°D 3	26°28	26°25	4°15	5°36	29°53	11°53	F 27
S 28	20 22 52	5° 1'14	6♎45	1°57	12°32	22°19	10°49	21°26	18° 3	26°30	26°24	4°D14	5°32	29°59	11°51	S 28
S 29	20 26 48	5°58'35	21°33	3° 2	11°57	22°42	11° 0	21°34	18° 3	26°32	26°24	4°15	5°29	0♋6	11°49	S 29
M30	20 30 45	6°55'57	6♌4	4° 5	11°21	23° 5	11°12	21°42	18° 4	26°34	26°23	4°16	5°26	0°13	11°47	M30
T 31	20 34 41	7♌53'20	20♌14	5♎4	10♌44	23♍29	11♎24	21♏49	18♌4	26♐36	26♋22	4♈18	5♋23	0♎20	11♋44	T 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 7	6n36	0s34	23n54	1n50	15n53	0s13	18s29	2s 6	10n18	1n 4	22n 2	0s12	16s59
M 2	23 2	0s 6	1 48	23 38	1 52	15 37	0 23	18 32	2 7	10 14	1 4	22 1	0 12	16 58
T 3	22 58	6 40	2 54	23 20	1 53	15 21	0 33	18 36	2 8	10 11	1 4	22 0	0 12	16 58
W 4	22 53	12 48	3 50	22 59	1 53	15 6	0 44	18 39	2 9	10 7	1 4	21 59	0 12	16 58
T 5	22 47	18 12	4 31	22 37	1 53	14 51	0 55	18 43	2 10	10 3	1 4	21 58	0 12	16 57
F 6	22 42	22 38	4 57	22 14	1 52	14 36	1 7	18 46	2 11	9 59	1 4	21 57	0 12	16 57
S 7	22 35	25 52	5 7	21 48	1 50	14 22	1 19	18 50	2 12	9 56	1 4	21 56	0 12	16 57
S 8	22 29	27 44	5 1	21 22	1 48	14 7	1 31	18 54	2 13	9 52	1 4	21 55	0 12	16 57
M 9	22 22	28 7	4 41	20 53	1 45	13 54	1 43	18 58	2 14	9 48	1 3	21 54	0 12	16 56
T 10	22 15	27 4	4 8	20 24	1 42	13 41	1 56	19 3	2 15	9 44	1 3	21 53	0 11	16 56
W11	22 7	24 43	3 24	19 54	1 38	13 28	2 8	19 7	2 16	9 40	1 3	21 52	0 11	16 56
T 12	21 59	21 18	2 31	19 23	1 33	13 15	2 21	19 12	2 16	9 36	1 3	21 51	0 11	16 56
F 13	21 50	17 2	1 31	18 51	1 28	13 4	2 35	19 16	2 17	9 32	1 3	21 50	0 11	16 56
S 14	21 42	12 9	0 29	18 18	1 23	12 52	2 48	19 21	2 18	9 28	1 3	21 49	0 11	16 55
S 15	21 32	6 51	0n35	17 44	1 17	12 41	3 2	19 26	2 19	9 24	1 3	21 48	0 11	16 55
M16	21 23	1 18	1 38	17 10	1 10	12 31	3 16	19 31	2 19	9 20	1 3	21 47	0 11	16 55
T 17	21 13	4n20	2 37	16 36	1 3	12 22	3 30	19 37	2 20	9 16	1 3	21 46	0 11	16 55
W18	21 2	9 53	3 30	16 1	0 56	12 13	3 44	19 42	2 20	9 11	1 3	21 45	0 11	16 55
T 19	20 52	15 10	4 14	15 26	0 48	12 4	3 58	19 48	2 21	9 7	1 3	21 44	0 11	16 55
F 20	20 41	19 58	4 48	14 50	0 39	11 57	4 12	19 53	2 22	9 3	1 3	21 42	0 11	16 55
S 21	20 29	23 59	5 8	14 15	0 31	11 50	4 26	19 59	2 22	8 59	1 3	21 41	0 11	16 55
S 22	20 18	26 50	5 11	13 39	0 22	11 43	4 40	20 5	2 23	8 54	1 3	21 40	0 10	16 55
M23	20 6	28 10	4 57	13 4	0 12	11 37	4 53	20 10	2 23	8 50	1 2	21 39	0 10	16 54
T 24	19 53	27 38	4 23	12 29	0 3	11 32	5 7	20 16	2 23	8 46	1 2	21 38	0 10	16 54
W25	19 41	25 11	3 32	11 54	0s 7	11 28	5 20	20 22	2 24	8 41	1 2	21 37	0 10	16 54
T 26	19 27	20 57	2 25	11 19	0 18	11 25	5 33	20 28	2 24	8 37	1 2	21 36	0 10	16 54
F 27	19 14	15 20	1 8	10 44	0 28	11 22	5 45	20 34	2 25	8 33	1 2	21 35	0 10	16 54
S 28	19 0	8 49	0s14	10 10	0 39	11 19	5 57	20 41	2 25	8 28	1 2	21 34	0 10	16 55
S 29	18 46	1 55	1 34	9 36	0 50	11 18	6 9	20 47	2 25	8 24	1 2	21 33	0 10	16 55
M30	18 32	4s57	2 46	9 3	1 1	11 17	6 19	20 53	2 26	8 19	1 2	21 31	0 10	16 55
T 31	18n17	11s24	3s46	8n31	1s13	11n17	6s30	21s 0	2s26	8n15	1n 2	21n30	0s10	16s55

Julian Day Number = 2474736.5, Delta T = 78.78 sec
Ecliptic obliquity = 23°26'00, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°37'39, Lahiri = 24°44'39

ASTRODIENST EPHEMERIS for the year 2063
geocentric

AUGUST 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 38 38	8♂50'43	4♂ 2	6♂ 1	10°R 7	23♂53	11♂36	21♂57	18♂ 4	26♂37	26°R21	4°R19	5♂20	0♂26	11°R42	W 1
T 2	20 42 35	9°48'06	17°28	6°55	9♂29	24°18	11°48	22° 4	18° 4	26°39	26°R21	4°R19	5°17	0°33	11°R40	T 2
F 3	20 46 31	10°45'31	0♂35	7°45	8°52	24°43	12° 0	22°12	18° 5	26°41	26°20	4°17	5°13	0°40	11°37	F 3
S 4	20 50 28	11°42'56	13°24	8°32	8°15	25° 9	12°12	22°19	18° 5	26°43	26°19	4°15	5°10	0°46	11°35	S 4
S 5	20 54 24	12°40'21	25°57	9°16	7°38	25°35	12°24	22°27	18° 5	26°44	26°18	4°12	5° 7	0°53	11°33	S 5
M 6	20 58 21	13°37'47	8♂17	9°56	7° 2	26° 2	12°36	22°34	18° 6	26°46	26°17	4° 9	5° 4	1° 0	11°30	M 6
T 7	21 2 17	14°35'14	20°27	10°33	6°27	26°28	12°48	22°42	18° 7	26°48	26°17	4° 6	5° 1	1° 6	11°28	T 7
W 8	21 6 14	15°32'42	2♂28	11° 5	5°53	26°56	13° 0	22°49	18° 7	26°49	26°16	4° 3	4°57	1°13	11°25	W 8
T 9	21 10 10	16°30'11	14°23	11°33	5°21	27°23	13°12	22°57	18° 8	26°51	26°15	4° 1	4°54	1°20	11°23	T 9
F 10	21 14 7	17°27'41	26°13	11°57	4°50	27°51	13°24	23° 4	18° 9	26°52	26°14	4° 0	4°51	1°26	11°20	F 10
S 11	21 18 4	18°25'12	8♂ 0	12°16	4°21	28°19	13°37	23°11	18° 9	26°54	26°13	4°D 0	4°48	1°33	11°18	S 11
S 12	21 22 0	19°22'44	19°48	12°30	3°53	28°48	13°49	23°19	18°10	26°55	26°12	4° 1	4°45	1°39	11°15	S 12
M13	21 25 57	20°20'17	1°Y39	12°40	3°28	29°17	14° 1	23°26	18°11	26°57	26°11	4° 2	4°42	1°46	11°12	M13
T 14	21 29 53	21°17'52	13°36	12°R44	3° 5	29°46	14°14	23°33	18°12	26°58	26°10	4° 3	4°38	1°53	11°10	T 14
W15	21 33 50	22°15'28	25°42	12°43	2°44	0♂16	14°26	23°40	18°13	27° 0	26° 9	4° 4	4°35	1°59	11° 7	W15
T 16	21 37 46	23°13'06	8♂ 3	12°36	2°25	0°46	14°39	23°47	18°14	27° 1	26° 8	4° 5	4°32	2° 6	11° 4	T 16
F 17	21 41 43	24°10'45	20°42	12°24	2° 8	1°16	14°51	23°54	18°15	27° 3	26° 7	4°R 5	4°29	2°13	11° 2	F 17
S 18	21 45 39	25° 8'25	3♂42	12° 6	1°54	1°47	15° 4	24° 2	18°16	27° 4	26° 6	4° 5	4°26	2°19	10°59	S 18
S 19	21 49 36	26° 6'08	17° 7	11°42	1°43	2°18	15°16	24° 9	18°17	27° 5	26° 5	4° 5	4°23	2°26	10°56	S 19
M20	21 53 33	27° 3'52	0♂59	11°14	1°33	2°49	15°29	24°16	18°18	27° 7	26° 4	4° 4	4°19	2°33	10°54	M20
T 21	21 57 29	28° 1'37	15°17	10°40	1°26	3°21	15°41	24°22	18°20	27° 8	26° 3	4° 3	4°16	2°39	10°51	T 21
W22	22 1 26	28°59'25	29°59	10° 1	1°22	3°53	15°54	24°29	18°21	27° 9	26° 2	4° 3	4°13	2°46	10°48	W22
T 23	22 5 22	29°57'13	14♂29	9°17	1°D20	4°25	16° 7	24°36	18°22	27°11	26° 1	4° 2	4°10	2°53	10°45	T 23
F 24	22 9 19	0♂55'03	0♂ 9	8°30	1°20	4°58	16°20	24°43	18°24	27°12	26° 0	4°D 2	4° 7	2°59	10°42	F 24
S 25	22 13 15	1°52'55	15°20	7°39	1°23	5°30	16°32	24°50	18°25	27°13	25°59	4° 2	4° 3	3° 6	10°40	S 25
S 26	22 17 12	2°50'48	0♂22	6°46	1°27	6° 3	16°45	24°57	18°27	27°14	25°58	4° 2	4° 0	3°12	10°37	S 26
M27	22 21 8	3°48'42	15° 8	5°52	1°34	6°37	16°58	25° 3	18°28	27°15	25°57	4°R 3	3°57	3°19	10°34	M27
T 28	22 25 5	4°46'37	29°32	4°58	1°44	7°10	17°11	25°10	18°30	27°16	25°56	4° 2	3°54	3°26	10°31	T 28
W29	22 29 2	5°44'34	13♂30	4° 4	1°55	7°44	17°24	25°16	18°32	27°17	25°55	4° 2	3°51	3°32	10°28	W29
T 30	22 32 58	6°42'32	27° 1	3°12	2° 8	8°18	17°36	25°23	18°33	27°18	25°53	4° 2	3°48	3°39	10°25	T 30
F 31	22 36 55	7♂40'32	10♂ 8	2♂23	2♂23	8♂53	17♂49	25♂29	18♂35	27♂19	25♂52	4°D 2	3♂44	3♂46	10♂22	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	decl lat
W 1	18n 3	17s 7	4s32	8n 0	1s25	11n17	6s39	21s 6	2s26	8n10	1n 2	21n29	0s10	16s55	0n18	22n 8
T 2	17 47	21 51	5 1	7 29	1 36	11 18	6 48	21 12	2 26	8 6	1 2	21 28	0 10	16 55	0 18	22 8
F 3	17 32	25 23	5 14	6 59	1 48	11 20	6 56	21 19	2 27	8 1	1 2	21 27	0 9	16 55	0 18	22 8
S 4	17 16	27 32	5 11	6 31	2 0	11 22	7 4	21 25	2 27	7 56	1 2	21 26	0 9	16 55	0 18	22 8
S 5	17 0	28 15	4 52	6 3	2 12	11 25	7 10	21 32	2 27	7 52	1 2	21 25	0 9	16 55	0 18	22 8
M 6	16 44	27 31	4 21	5 37	2 24	11 28	7 16	21 38	2 27	7 47	1 2	21 24	0 9	16 55	0 18	22 8
T 7	16 27	25 28	3 38	5 12	2 36	11 31	7 21	21 45	2 27	7 42	1 2	21 22	0 9	16 56	0 18	22 8
W 8	16 10	22 17	2 46	4 49	2 48	11 35	7 25	21 51	2 27	7 38	1 2	21 21	0 9	16 56	0 18	22 8
T 9	15 53	18 13	1 46	4 27	3 0	11 40	7 29	21 58	2 28	7 33	1 2	21 20	0 9	16 56	0 18	22 8
F 10	15 36	13 27	0 43	4 8	3 11	11 45	7 31	22 4	2 28	7 28	1 2	21 19	0 9	16 56	0 18	22 8
S 11	15 18	8 13	0n22	3 50	3 23	11 49	7 33	22 11	2 28	7 23	1 2	21 18	0 9	16 56	0 18	22 8
S 12	15 0	2 43	1 26	3 34	3 34	11 55	7 34	22 17	2 28	7 19	1 2	21 17	0 9	16 57	0 18	22 8
M13	14 42	2n54	2 27	3 21	3 44	12 0	7 34	22 24	2 28	7 14	1 2	21 16	0 9	16 57	0 18	22 8
T 14	14 24	8 28	3 22	3 10	3 54	12 6	7 34	22 30	2 28	7 9	1 2	21 14	0 9	16 57	0 18	22 8
W15	14 5	13 48	4 9	3 2	4 4	12 11	7 33	22 37	2 28	7 4	1 1	21 13	0 8	16 58	0 18	22 8
T 16	13 47	18 41	4 45	2 56	4 12	12 17	7 31	22 43	2 28	6 59	1 1	21 12	0 8	16 58	0 18	22 8
F 17	13 28	22 53	5 9	2 54	4 20	12 23	7 29	22 49	2 28	6 55	1 1	21 11	0 8	16 58	0 18	22 8
S 18	13 8	26 5	5 17	2 54	4 27	12 29	7 26	22 56	2 28	6 50	1 1	21 10	0 8	16 59	0 18	22 8
S 19	12 49	27 56	5 9	2 58	4 33	12 35	7 22	23 2	2 28	6 45	1 1	21 9	0 8	16 59	0 18	22 8
M20	12 29	28 9	4 43	3 5	4 37	12 41	7 18	23 8	2 28	6 40	1 1	21 8	0 8	16 59	0 18	22 8
T 21	12 9	26 31	3 59	3 15	4 40	12 47	7 14	23 14	2 28	6 35	1 1	21 6	0 8	17 0	0 18	22 8
W22	11 49	23 3	2 58	3 28	4 42	12 52	7 9	23 20	2 28	6 30	1 1	21 5	0 8	17 0	0 18	22 8
T 23	11 29	18 0	1 44	3 44	4 42	12 58	7 4	23 26	2 28	6 25	1 1	21 4	0 8	17 0	0 18	22 8
F 24	11 9	11 45	0 22	4 3	4 40	13 3	6 58	23 32	2 27	6 20	1 1	21 3	0 8	17 1	0 18	22 8
S 25	10 48	4 49	1s 2	4 26	4 36	13 8	6 52	23 38	2 27	6 15	1 1	21 2	0 8	17 1	0 18	22 8
S 26	10 27	2s18	2 21	4 50	4 30	13 14	6 46	23 44	2 27	6 10	1 1	21 1	0 8	17 2	0 18	22 8
M27	10 6	9 10	3 29	5 17	4 22	13 18	6 39	23 49	2 27	6 5	1 1	21 0	0 7	17 2	0 18	22 8
T 28	9 45	15 23	4 22	5 46	4 13	13 23	6 33	23 55	2 27	6 0	1 1	20 58	0 7	17 3	0 18	22 8
W29	9 24	20 37	4 58	6 16	4 2	13 27	6 26	24 0	2 27	5 55	1 1	20 57	0 7	17 3	0 18	22 8
T 30	9 3	24 36	5 15	6 46	3 49	13 32	6 19	24 6	2 26	5 50	1 1	20 56	0 7	17 4	0 18	22 8
F 31	8n41	27s10	5s16	7n17	3s34	13n35	6s11	24s11	2s26	5n45	1n 1	20n55	0s 7	17s 4	0n18	22n 8

Julian Day Number = 2474767.5, Delta T = 78.81 sec
Ecliptic obliquity = 23°26'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°37'43, Lahiri = 24°44'43

ASTRODIENST EPHEMERIS for the year 2063
geocentric

SEPTEMBER 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 51	8♍38'32	22♌53	1°R39	2♌41	9♌27	18♍2	25♍36	18♍37	27♍20	25°R51	4♌2	3♌41	3♌52	10°R19	S 1
S 2	22 44 48	9°36'35	5♌19	1♍0	3°0	10°2	18°15	25°42	18°39	27°21	25♌50	4°3	3°38	3°59	10♌17	S 2
M 3	22 48 44	10°34'38	17°31	0°27	3°21	10°37	18°28	25°49	18°41	27°22	25°49	4°3	3°35	4°6	10°14	M 3
T 4	22 52 41	11°32'43	29°31	0°1	3°44	11°13	18°41	25°55	18°42	27°23	25°48	4°4	3°32	4°12	10°11	T 4
W 5	22 56 37	12°30'49	11♌25	29♌42	4°8	11°48	18°54	26°1	18°44	27°24	25°47	4°5	3°29	4°19	10°8	W 5
T 6	23 0 34	13°28'57	23°14	29°32	4°34	12°24	19°7	26°7	18°46	27°25	25°45	4°5	3°25	4°26	10°5	T 6
F 7	23 4 31	14°27'07	5♌1	29°D30	5°2	13°0	19°20	26°13	18°49	27°26	25°44	4°R6	3°22	4°32	10°2	F 7
S 8	23 8 27	15°25'18	16°50	29°37	5°31	13°36	19°33	26°19	18°51	27°26	25°43	4°5	3°19	4°39	9°59	S 8
S 9	23 12 24	16°23'31	28°42	29°53	6°2	14°13	19°46	26°25	18°53	27°27	25°42	4°4	3°16	4°45	9°57	S 9
M10	23 16 20	17°21'46	10♍18	0♍18	6°34	14°49	19°59	26°31	18°55	27°28	25°41	4°3	3°13	4°52	9°54	M10
T 11	23 20 17	18°20'02	22°44	0°51	7°8	15°26	20°12	26°37	18°57	27°29	25°39	4°1	3°9	4°59	9°51	T 11
W12	23 24 13	19°18'21	4♌59	1°33	7°43	16°3	20°25	26°43	19°0	27°29	25°38	3°59	3°6	5°5	9°48	W12
T 13	23 28 10	20°16'42	17°26	2°23	8°19	16°40	20°38	26°48	19°2	27°30	25°37	3°56	3°3	5°12	9°45	T 13
F 14	23 32 6	21°15'04	0♍1	3°20	8°57	17°18	20°51	26°54	19°4	27°30	25°36	3°55	3°0	5°19	9°42	F 14
S 15	23 36 3	22°13'29	13°8	4°25	9°35	17°55	21°4	26°59	19°7	27°31	25°35	3°54	2°57	5°25	9°40	S 15
S 16	23 39 59	23°11'56	26°27	5°37	10°15	18°33	21°16	27°5	19°9	27°31	25°33	3°D53	2°54	5°32	9°37	S 16
M17	23 43 56	24°10'26	10♍9	6°54	10°56	19°11	21°29	27°10	19°12	27°32	25°32	3°54	2°50	5°39	9°34	M17
T 18	23 47 53	25°8'57	24°14	8°17	11°38	19°49	21°42	27°16	19°14	27°32	25°31	3°55	2°47	5°45	9°31	T 18
W19	23 51 49	26°7'31	8♌41	9°45	12°21	20°28	21°55	27°21	19°17	27°33	25°30	3°57	2°44	5°52	9°29	W19
T 20	23 55 46	27°6'06	23°27	11°18	13°5	21°6	22°8	27°26	19°19	27°33	25°29	3°58	2°41	5°59	9°26	T 20
F 21	23 59 42	28°4'44	8♍27	12°54	13°51	21°45	22°21	27°31	19°22	27°33	25°27	3°R58	2°38	6°5	9°23	F 21
S 22	0 3 39	29°3'24	23°33	14°33	14°36	22°24	22°34	27°36	19°25	27°34	25°26	3°57	2°35	6°12	9°21	S 22
S 23	0 7 35	0♍2'06	8♌36	16°15	15°23	23°3	22°47	27°41	19°27	27°34	25°25	3°55	2°31	6°19	9°18	S 23
M24	0 11 32	1°0'49	23°28	17°59	16°11	23°42	23°0	27°46	19°30	27°34	25°24	3°51	2°28	6°25	9°15	M24
T 25	0 15 28	1°59'35	8♍0	19°45	17°0	24°22	23°13	27°51	19°33	27°34	25°22	3°47	2°25	6°32	9°13	T 25
W26	0 19 25	2°58'22	22°7	21°32	17°49	25°1	23°26	27°56	19°36	27°35	25°21	3°43	2°22	6°38	9°10	W26
T 27	0 23 22	3°57'11	5♌46	23°20	18°39	25°41	23°39	28°0	19°39	27°35	25°20	3°40	2°19	6°45	9°8	T 27
F 28	0 27 18	4°56'02	18°58	25°9	19°30	26°21	23°52	28°5	19°41	27°35	25°19	3°37	2°15	6°52	9°5	F 28
S 29	0 31 15	5°54'55	1♌45	26°58	20°21	27°1	24°5	28°9	19°44	27°35	25°18	3°D36	2°12	6°58	9°3	S 29
S 30	0 35 11	6♌53'49	14♌10	28♍47	21♌13	27♌41	24♍18	28♍14	19♍47	27♍35	25♌16	3♌36	2♌9	7♌5	9♌0	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n20	28s15	5s 1	7n48	3s18	13n39	6s 4	24s16	2s26	5n40	1n 1	20n54	0s 7	17s 5	0n18	22n 8	1s17	16s10	15s52	10s 2	10s 9	10s 4	2s28	5n38	
S 2	7 58	27 51	4 32	8 18	3 1	13 42	5 56	24 21	2 26	5 35	1 1	20 53	0 7	17 5	0 18	22 8	1 17	16 11	15 52	10 1	10 10	10 1	2 29	5 38	
M 3	7 36	26 6	3 51	8 46	2 43	13 45	5 48	24 26	2 25	5 30	1 1	20 52	0 7	17 6	0 18	22 8	1 17	16 11	15 52	10 1	10 11	9 58	2 30	5 38	
T 4	7 14	23 11	3 0	9 12	2 25	13 47	5 41	24 31	2 25	5 25	1 1	20 51	0 7	17 6	0 18	22 8	1 17	16 12	15 52	10 1	10 13	9 55	2 31	5 38	
W 5	6 52	19 19	2 3	9 37	2 6	13 50	5 33	24 35	2 25	5 20	1 1	20 50	0 7	17 7	0 18	22 8	1 17	16 13	15 52	10 1	10 14	9 51	2 33	5 38	
T 6	6 30	14 43	1 0	9 58	1 47	13 51	5 25	24 40	2 25	5 15	1 1	20 49	0 7	17 7	0 18	22 8	1 17	16 13	15 53	10 0	10 15	9 48	2 34	5 38	
F 7	6 7	9 35	0n 5	10 17	1 28	13 53	5 17	24 44	2 24	5 10	1 1	20 48	0 7	17 8	0 18	22 8	1 17	16 14	15 53	10 0	10 16	9 45	2 35	5 38	
S 8	5 45	4 7	1 10	10 32	1 9	13 54	5 9	24 49	2 24	5 5	1 2	20 47	0 7	17 9	0 17	22 8	1 17	16 14	15 53	10 0	10 17	9 42	2 36	5 38	
S 9	5 22	1n30	2 12	10 43	0 50	13 54	5 0	24 53	2 24	5 0	1 2	20 46	0 6	17 9	0 17	22 8	1 17	16 15	15 53	10 1	10 18	9 38	2 37	5 38	
M10	4 59	7 7	3 9	10 51	0 33	13 54	4 52	24 57	2 23	4 55	1 2	20 44	0 6	17 10	0 17	22 8	1 17	16 15	15 53	10 1	10 20	9 35	2 38	5 38	
T 11	4 37	12 31	3 58	10 56	0 16	13 54	4 44	25 0	2 23	4 50	1 2	20 43	0 6	17 10	0 17	22 8	1 17	16 16	15 53	10 2	10 21	9 32	2 40	5 38	
W12	4 14	17 31	4 37	10 56	0n 0	13 53	4 36	25 4	2 23	4 45	1 2	20 42	0 6	17 11	0 17	22 8	1 17	16 16	15 53	10 3	10 22	9 29	2 41	5 37	
T 13	3 51	21 52	5 3	10 52	0 16	13 52	4 28	25 8	2 22	4 40	1 2	20 41	0 6	17 12	0 17	22 8	1 17	16 17	15 53	10 4	10 23	9 25	2 42	5 37	
F 14	3 28	25 18	5 15	10 44	0 30	13 50	4 20	25 11	2 22	4 34	1 2	20 40	0 6	17 12	0 17	22 8	1 17	16 17	15 53	10 4	10 24	9 22	2 43	5 37	
S 15	3 5	27 31	5 12	10 33	0 43	13 48	4 11	25 14	2 22	4 29	1 2	20 39	0 6	17 13	0 17	22 8	1 17	16 18	15 53	10 5	10 25	9 19	2 44	5 37	
S 16	2 42	28 15	4 52	10 18	0 55	13 46	4 3	25 17	2 21	4 24	1 2	20 38	0 6	17 14	0 17	22 7	1 17	16 19	15 53	10 5	10 26	9 16	2 45	5 37	
M17	2 19	27 17	4 15	9 59	1 5	13 43	3 55	25 20	2 21	4 19	1 2	20 37	0 6	17 14	0 17	22 7	1 17	16 19	15 53	10 5	10 28	9 12	2 46	5 37	
T 18	1 56	24 35	3 22	9 37	1 15	13 39	3 47	25 23	2 20	4 14	1 2	20 37	0 6	17 15	0 17	22 7	1 17	16 20	15 53	10 4	10 29	9 9	2 48	5 37	
W19	1 32	20 15	2 15	9 12	1 23	13 35	3 39	25 25	2 20	4 9	1 2	20 36	0 6	17 16	0 17	22 7	1 17	16 20	15 53	10 4	10 30	9 6	2 49	5 37	
T 20	1 9	14 37	0 58	8 43	1 30	13 30	3 31	25 27	2 19	4 4	1 2	20 35	0 6	17 17	0 17	22 7	1 17	16 21	15 53	10 3	10 31	9 2	2 50	5 36	
F 21	0 46	8 1	0s25	8 12	1 36	13 25	3 23	25 29	2 19	3 59	1 2	20 34	0 5	17 17	0 17	22 7	1 17	16 21	15 53	10 3	10 32	8 59	2 51	5 36	
S 22	0 23	0 57	1 46	7 38	1 41	13 20	3 15	25 31	2 19	3 54	1 2	20 33	0 5	17 18	0 17	22 7	1 17	16 21	15 53	10 4	10 33	8 56	2 52	5 36	
S 23	0s 1	6s 9	2 59	7 2	1 45	13 14	3 7	25 33	2 18	3 49	1 2	20 32	0 5	17 19	0 17	22 7	1 17	16 22	15 53	10 4	10 34	8 53	2 53	5 36	
M24	0 24	12 49	3 59	6 25	1 48	13 7	3 0	25 34	2 18	3 44	1 2	20 31	0 5	17 20	0 17	22 7	1 17	16 22	15 53	10 6	10 36	8 49	2 55	5 36	
T 25	0 48	18 37	4 42	5 45	1 50	13 0	2 52	25 36	2 17	3 39	1 2	20 30	0 5	17 20	0 17	22 7	1 17	16 23	15 53	10 7	10 37	8 46	2 56	5 35	
W26	1 11	23 14	5 7	5 4	1 51	12 53	2 44	25 37	2 17	3 34	1 2	20 29	0 5	17 21	0 17	22 7	1 17	16 23	15 53	10 9	10 38	8 43	2 57	5 35	
T 27	1 34	26 24	5 13	4 21	1 52	12 45	2 37	25 38	2 16	3 28	1 2	20 29	0 5	17 22	0 17	22 7	1 18	16 24	15 53	10 10	10 39	8 40	2 58	5 35	
F 28	1 58	28 0	5 2	3 38	1 51	12 36	2 29	25 39	2 16	3 23	1 2	20 28	0 5	17 23	0 17	22 7	1 18	16 24	15 53	10 11	10 40	8 36	2 59	5 35	
S 29	2 21	28 2	4 37	2 54	1 50	12 27	2 22	25 39	2 15	3 18	1 2	20 27	0 5	17 24	0 17	22 7	1 18	16 25	15 53	10 11	10 41	8 33	3 0	5 35	
S 30	2s44	26s38	3s58	2n 9	1n49	12n18	2s14	25s39	2s15	3n13	1n 2	20n26	0s 5	17s24	0n17	22n 7	1s18	16s25	15s53	10s11	10s42	8s30	3s 1	5n34	

ASTRODIENST EPHEMERIS for the year 2063

geocentric

OCTOBER 2063

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 8	7 ^h 52'45	26 ^h 31'19	0 ^h 36'36	22 ^h 02'06	28 ^h 27'21	24 ^h 30'30	28 ^h 05'18	19 ^h 50'50	27 ^h 30'35	25 ^h 15'15	3 ^h 37'37	2 ^h 36'06	7 ^h 12'12	8 ^h 05'58	M 1
T 2	0 43 4	8 ^h 51'43	8 ^h 31'16	2 ^h 25'23	23 ^h 00'00	29 ^h 02'20	24 ^h 43'28	28 ^h 22'19	19 ^h 53'27	27 ^h 33'25	25 ^h 14'30	3 ^h 39'20	2 ^h 03'07	7 ^h 18'18	8 ^h 05'55	T 2
W 3	0 47 1	9 ^h 50'43	20 ^h 00'06	4 ^h 14'23	23 ^h 54'54	29 ^h 42'24	24 ^h 56'28	28 ^h 26'19	19 ^h 56'27	27 ^h 35'25	25 ^h 13'34	3 ^h 41'20	2 ^h 00'07	7 ^h 25'25	8 ^h 05'53	W 3
T 4	0 50 57	10 ^h 49'44	1 ^h 35'53	6 ^h 02'24	24 ^h 49'00	0 ^h 32'23	25 ^h 09'28	28 ^h 30'19	19 ^h 59'27	27 ^h 35'25	25 ^h 12'30	3 ^h 41'19	1 ^h 56'07	7 ^h 32'32	8 ^h 05'51	T 4
F 5	0 54 54	11 ^h 48'47	13 ^h 41'41	7 ^h 50'25	25 ^h 44'10	1 ^h 04'25	25 ^h 21'28	28 ^h 34'20	20 ^h 03'27	27 ^h 35'25	25 ^h 11'30	3 ^h 41'19	1 ^h 53'07	7 ^h 38'38	8 ^h 04'58	F 5
S 6	0 58 51	12 ^h 47'52	25 ^h 33'33	9 ^h 37'26	26 ^h 40'14	1 ^h 45'25	25 ^h 34'28	28 ^h 38'20	20 ^h 06'27	27 ^h 34'25	25 ^h 09'30	3 ^h 39'10	1 ^h 50'07	7 ^h 45'45	8 ^h 04'46	S 6
S 7	1 2 47	13 ^h 46'59	7 ^h 33'33	11 ^h 24'27	27 ^h 36'20	2 ^h 26'25	25 ^h 47'28	28 ^h 42'20	20 ^h 09'27	27 ^h 34'25	25 ^h 08'30	3 ^h 34'10	1 ^h 47'07	7 ^h 52'52	8 ^h 04'44	S 7
M 8	1 6 44	14 ^h 46'08	19 ^h 41'10	13 ^h 10'28	28 ^h 33'30	3 ^h 08'25	25 ^h 59'28	28 ^h 46'20	20 ^h 12'27	27 ^h 34'25	25 ^h 07'30	3 ^h 28'10	1 ^h 44'07	7 ^h 58'58	8 ^h 04'42	M 8
T 9	1 10 40	15 ^h 45'20	2 ^h 30'00	14 ^h 55'29	29 ^h 31'34	3 ^h 49'26	26 ^h 12'28	28 ^h 49'20	20 ^h 15'27	27 ^h 34'25	25 ^h 06'30	3 ^h 21'10	1 ^h 40'07	8 ^h 05'50	8 ^h 04'40	T 9
W10	1 14 37	16 ^h 44'33	14 ^h 30'30	16 ^h 39'00	29 ^h 29'40	4 ^h 30'26	26 ^h 25'28	28 ^h 53'20	20 ^h 19'27	27 ^h 33'25	25 ^h 05'30	3 ^h 13'10	1 ^h 37'07	8 ^h 11'50	8 ^h 03'38	W10
T 11	1 18 33	17 ^h 43'48	27 ^h 11'18	18 ^h 23'10	1 ^h 27'50	5 ^h 12'26	26 ^h 37'28	28 ^h 56'20	20 ^h 22'27	27 ^h 33'25	25 ^h 04'30	3 ^h 05'10	1 ^h 34'07	8 ^h 18'50	8 ^h 03'36	T 11
F 12	1 22 30	18 ^h 43'06	10 ^h 12'05	20 ^h 06'20	2 ^h 26'50	5 ^h 54'26	26 ^h 50'28	28 ^h 59'20	20 ^h 25'27	27 ^h 33'25	25 ^h 03'20	2 ^h 59'10	1 ^h 31'07	8 ^h 25'50	8 ^h 03'34	F 12
S 13	1 26 26	19 ^h 42'26	23 ^h 12'21	21 ^h 48'30	3 ^h 26'10	6 ^h 36'12	27 ^h 02'29	29 ^h 02'20	20 ^h 28'27	27 ^h 32'25	25 ^h 02'20	2 ^h 53'10	1 ^h 28'07	8 ^h 31'50	8 ^h 03'32	S 13
S 14	1 30 23	20 ^h 41'49	6 ^h 34'23	23 ^h 29'40	4 ^h 26'10	7 ^h 18'27	27 ^h 15'29	29 ^h 05'20	20 ^h 32'27	27 ^h 32'25	25 ^h 01'20	2 ^h 50'10	1 ^h 25'07	8 ^h 38'50	8 ^h 03'30	S 14
M15	1 34 20	21 ^h 41'13	20 ^h 11'25	25 ^h 10'50	5 ^h 26'08	8 ^h 00'27	27 ^h 27'29	29 ^h 08'20	20 ^h 35'27	27 ^h 31'24	24 ^h 59'20	2 ^h 49'10	1 ^h 21'07	8 ^h 45'50	8 ^h 02'28	M15
T 16	1 38 16	22 ^h 40'40	4 ^h 04'26	26 ^h 50'06	6 ^h 27'08	8 ^h 42'27	27 ^h 39'29	29 ^h 11'20	20 ^h 39'27	27 ^h 31'24	24 ^h 58'20	2 ^h 50'10	1 ^h 18'07	8 ^h 51'50	8 ^h 02'26	T 16
W17	1 42 13	23 ^h 40'10	18 ^h 15'28	28 ^h 29'7	7 ^h 28'09	9 ^h 24'27	27 ^h 52'29	29 ^h 14'20	20 ^h 42'27	27 ^h 30'24	24 ^h 57'20	2 ^h 51'10	1 ^h 15'07	8 ^h 58'50	8 ^h 02'24	W17
T 18	1 46 9	24 ^h 39'41	2 ^h 30'00	28 ^h 08'00	8 ^h 30'10	10 ^h 7'28	28 ^h 04'29	29 ^h 17'20	20 ^h 45'27	27 ^h 30'24	24 ^h 56'20	2 ^h 52'10	1 ^h 12'07	9 ^h 05'50	8 ^h 02'22	T 18
F 19	1 50 6	25 ^h 39'15	17 ^h 19'10	1 ^h 46'09	9 ^h 32'10	10 ^h 49'28	28 ^h 16'29	29 ^h 19'20	20 ^h 49'27	27 ^h 29'24	24 ^h 55'20	2 ^h 51'10	1 ^h 09'07	9 ^h 11'50	8 ^h 02'21	F 19
S 20	1 54 2	26 ^h 38'51	2 ^h 06'30	3 ^h 23'10	10 ^h 34'11	11 ^h 32'28	28 ^h 28'29	29 ^h 22'20	20 ^h 52'27	27 ^h 29'24	24 ^h 54'20	2 ^h 48'10	1 ^h 06'07	9 ^h 18'50	8 ^h 01'19	S 20
S 21	1 57 59	27 ^h 38'29	16 ^h 54'50	5 ^h 00'11	11 ^h 37'12	12 ^h 15'28	28 ^h 41'29	29 ^h 24'20	20 ^h 56'27	27 ^h 28'24	24 ^h 53'20	2 ^h 42'10	1 ^h 02'07	9 ^h 25'50	8 ^h 01'17	S 21
M22	2 1 55	28 ^h 38'09	1 ^h 36'06	6 ^h 36'12	12 ^h 40'12	12 ^h 58'28	28 ^h 53'29	29 ^h 27'20	20 ^h 59'27	27 ^h 27'24	24 ^h 52'20	2 ^h 34'10	0 ^h 59'07	9 ^h 31'50	8 ^h 01'16	M22
T 23	2 5 52	29 ^h 37'52	16 ^h 04'08	8 ^h 11'13	13 ^h 43'13	13 ^h 40'29	29 ^h 05'20	29 ^h 29'21	21 ^h 03'27	27 ^h 27'24	24 ^h 51'20	2 ^h 25'10	0 ^h 56'07	9 ^h 38'50	8 ^h 01'14	T 23
W24	2 9 49	0 ^h 37'36	0 ^h 31'09	9 ^h 46'14	14 ^h 47'14	14 ^h 24'29	29 ^h 17'29	29 ^h 31'21	21 ^h 06'27	27 ^h 26'24	24 ^h 50'20	2 ^h 15'10	0 ^h 53'07	9 ^h 45'50	8 ^h 01'13	W24
T 25	2 13 45	1 ^h 37'22	13 ^h 53'11	11 ^h 21'15	15 ^h 50'15	15 ^h 07'29	29 ^h 29'30	29 ^h 33'21	21 ^h 10'27	27 ^h 25'24	24 ^h 49'20	2 ^h 06'10	0 ^h 50'07	9 ^h 51'50	8 ^h 01'12	T 25
F 26	2 17 42	2 ^h 37'10	27 ^h 08'12	12 ^h 54'16	16 ^h 55'15	15 ^h 50'29	29 ^h 41'29	29 ^h 35'21	21 ^h 14'27	27 ^h 24'24	24 ^h 49'20	1 ^h 59'10	0 ^h 46'07	9 ^h 58'50	8 ^h 01'10	F 26
S 27	2 21 38	3 ^h 37'00	9 ^h 38'58	14 ^h 28'17	17 ^h 59'16	16 ^h 33'29	29 ^h 52'29	29 ^h 36'21	21 ^h 17'27	27 ^h 23'24	24 ^h 48'20	1 ^h 54'10	0 ^h 43'07	10 ^h 04'50	8 ^h 00'09	S 27
S 28	2 25 35	4 ^h 36'51	22 ^h 26'16	16 ^h 00'19	19 ^h 04'17	17 ^h 17'00	0 ^h 04'29	29 ^h 38'21	21 ^h 21'27	27 ^h 23'24	24 ^h 47'20	1 ^h 51'10	0 ^h 40'07	10 ^h 11'50	8 ^h 00'08	S 28
M29	2 29 31	5 ^h 36'44	4 ^h 33'35	17 ^h 33'20	20 ^h 09'18	18 ^h 00'00	0 ^h 16'28	29 ^h 39'21	21 ^h 24'27	27 ^h 22'24	24 ^h 46'20	1 ^h 50'10	0 ^h 37'07	10 ^h 18'50	8 ^h 00'07	M29
T 30	2 33 28	6 ^h 36'39	16 ^h 32'19	19 ^h 04'21	21 ^h 15'18	18 ^h 44'00	0 ^h 28'29	29 ^h 41'21	21 ^h 28'27	27 ^h 21'24	24 ^h 45'20	1 ^h 51'10	0 ^h 34'07	10 ^h 24'50	8 ^h 00'05	T 30
W31	2 37 24	7 ^h 36'35	28 ^h 21'20	20 ^h 35'22	22 ^h 20'19	19 ^h 27'27	0 ^h 39'29	29 ^h 42'21	21 ^h 32'27	27 ^h 20'24	24 ^h 44'20	1 ^h 50'10	0 ^h 31'07	10 ^h 31'50	8 ^h 00'04	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	3s 8	24s 0	3s10	1n23	1n46	12n 8	2s 7	25s39	2s14	3n 8	1n 3	20n25	0s 5	17s25	0n17	22n 7	1s18	16s26	15s53	10s11	10s44	8s26	3s 2	5n34					
T 2	3 31	20 22	2 15	0 37	1 43	11 58	2 0	25 39	2 13	3 3	1 3	20 25	0 5	17 26	0 17	22 7	1 18	16 26	15 53	10 10	10 45	8 23	3 3	5 34					
W 3	3 54	15 57	1 14	0s 9	1 40	11 47	1 53	25 39	2 13	2 58	1 3	20 24	0 4	17 27	0 17	22 7	1 18	16 26	15 53	10 9	10 46	8 20	3 5	5 34					
T 4	4 17	10 58	0 10	0 56	1 36	11 35	1 45	25 38	2 12	2 53	1 3	20 23	0 4	17 28	0 17	22 7	1 18	16 27	15 53	10 9	10 47	8 17	3 6	5 34					
F 5	4 40	5 35	0n54	1 42	1 32	11 24	1 38	25 37	2 12	2 48	1 3	20 22	0 4	17 29	0 17	22 7	1 18	16 27	15 53	10 9	10 48	8 13	3 7	5 34					
S 6	5 3	0n 1	1 56	2 28	1 27	11 11	1 32	25 36	2 11	2 43	1 3	20 22	0 4	17 29	0 17	22 7	1 18	16 27	15 53	10 10	10 49	8 10	3 8	5 33					
S 7	5 26	5 39	2 54	3 14	1 23	10 58	1 25	25 35	2 10	2 38	1 3	20 21	0 4	17 30	0 17	22 7	1 18	16 28	15 53	10 12	10 50	8 7	3 9	5 33					
M 8	5 49	11 9	3 44	4 0	1 17	10 45	1 18	25 34	2 10	2 34	1 3	20 20	0 4	17 31	0 17	22 7	1 18	16 28	15 52	10 14	10 51	8 3	3 10	5 33					
T 9	6 12	16 17	4 24	4 46	1 12	10 31	1 11	25 32	2 9	2 29	1 3	20 20	0 4	17 32	0 17	22 7	1 18	16 29	15 52	10 17	10 53	8 0	3 11	5 32					
W10	6 35	20 50	4 52	5 31	1 6	10 17	1 5	25 30	2 9	2 24	1 3	20 19	0 4	17 33	0 17	22 7	1 18	16 29	15 52	10 19	10 54	7 57	3 12	5 32					
T 11	6 57	24 30	5 7	6 16	1 0	10 3	0 58	25 28	2 8	2 19	1 3	20 18	0 4	17 34	0 17	22 7	1 18	16 29	15 52	10 22	10 55	7 54	3 13	5 32					
F 12	7 20	27 0	5 6	7 1	0 54	9 48	0 52	25 25	2 7	2 14	1 3	20 18	0 4	17 35	0 17	22 7	1 18	16 30	15 52	10 25	10 56	7 50	3 14	5 31					
S 13	7 42	28 4	4 49	7 45	0 48	9 32	0 46	25 23	2 7	2 9	1 4	20 17	0 4	17 36	0 17	22 7	1 18	16 30	15 52	10 26	10 57	7 47	3 15	5 31					
S 14	8 5	27 33	4 17	8 28	0 42	9 16	0 40	25 20	2 6	2 4	1 4	20 17	0 3	17 36	0 17	22 7	1 18	16 30	15 52	10 28	10 58	7 44	3 16	5 31					
M15	8 27	25 22	3 29	9 11	0 35	9 0	0 33	25 17	2 5	1 59	1 4	20 16	0 3	17 37	0 17	22 6	1 18	16 30	15 52	10 28	10 59	7 40	3 17	5 31					
T 16	8 49	21 38	2 29	9 54	0 29	8 43	0 28	25 13	2 5	1 54	1 4	20 16	0 3	17 38	0 17	22 6	1 18	16 31	15 51	10 28	11 0	7 37	3 18	5 30					
W17	9 11	16 36	1 18	10 36	0 22	8 26	0 22	25 10	2 4	1 50	1 4	20 15	0 3	17 39	0 17	22 6	1 18	16 31	15 51	10 27	11 2	7 34	3 19	5 30					
T 18	9 33	10 32	0 1	11 17	0 15	8 8	0 16	25 6	2 3	1 45	1 4	20 15	0 3	17 40	0 17	22 6	1 18	16 31	15 51	10 27	11 3	7 31	3 20	5 30					
F 19	9 55	3 50	1s17	11 57	0 8	7 50	0 10	25 2	2 3	1 40	1 4	20 14	0 3	17 41	0 17	22 6	1 18	16 32	15 51	10 27	11 4	7 27	3 21	5 29					
S 20	10 16	3s 8	2 30	12 37	0 2	7 32	0 5	24 57	2 2	1 35	1 4	20 14	0 3	17 42	0 17	22 6	1 18	16 32	15 51	10 29	11 5	7 24	3 21	5 29					
S 21	10 38	9 56	3 34	13 16	0s 5	7 13	0n 1	24 53	2 1	1 31	1 4	20 13	0 3	17 43	0 17	22 6	1 18	16 32	15 51	10 31	11 6	7 21	3 22	5 29					
M22	10 59	16 7	4 22	13 54	0 12	6 54	0 6	24 48	2 0	1 26	1 4	20 13	0 3	17 44	0 17	22 6	1 18	16 32	15 50	10 33	11 7	7 17	3 23	5 28					
T 23	11 20	21 18	4 53	14 32	0 19	6 35	0 11	24 43	2 0	1 21	1 5	20 13	0 3	17 45	0 17	22 6	1 18	16 32	15 50	10 37	11 8	7 14	3 24	5 28					
W24	11 41	25 9	5 5	15 9	0 26	6 15	0 16	24 38	1 59	1 17	1 5	20 12	0 3	17 46	0 17	22 6	1 18	16 33	15 50	10 40	11 10	7 11	3 25	5 28					
T 25	12 2	27 24	4 59	15 45	0 32	5 55	0 21	24 32	1 58	1 12	1 5	20 12	0 2	17 47	0 17	22 6	1 18	16 33	15 50	10 43	11 11	7 7	3 26	5 28					
F 26	12 23	28 0	4 36	16 20	0 39	5 34	0 26	24 26	1 57	1 7	1 5	20 12	0 2	17 48	0 17	22 6	1 19	16 33	15 50	10 46	11 12	7 4	3 26	5 27					
S 27	12 43	27 4	4 1	16 54	0 46	5 14	0 31	24 20	1 57	1 3	1 5	20 11	0 2	17 49	0 17	22 6	1 19	16 33	15 49	10 48	11 13	7 1	3 27	5 27					
S 28	13 3	24 46	3 14	17 28	0 52	4 52	0 36	24 14	1 56	0 58	1 5	20 11	0 2	17 50	0 17	22 6	1 19	16 33	15 49	10 49	11 14	6 57	3 28	5 27					
M29	13 23	21 23	2 20	18 0	0 59	4 31	0 40	24 7	1 55	0 54	1 5	20 11	0 2	17 51	0 17	22 6	1 19	16 33	15 49	10 49	11 15	6 54	3 29	5 26					
T 30	13 43	17 10	1 21	18 32	1 5	4 9	0 45	24 1	1 54	0 49	1 5	20 11	0 2	17 51	0 17	22 6	1 19	16 34	15 49	10 49	11 16	6 51	3 29	5 26					
W31	14s 3	12s20	0s19	19s 3	1s12	3n48	0n49	23s54	1s54	0n45	1n 6	20n11	0s 2	17s52	0n17	22n 6	1s19	16s34	15s49	10s49	11s17	6s48	3s30	5n26					

ASTRODIENST EPHEMERIS for the year 2063
geocentric

NOVEMBER 2063

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 21	8♉36°33	10♊8	22♈6	23♈26	20♈11	0♈51	29♈43	21♈35	27°R19	24°R43	1°R51	0♊27	10♊38	8°R 3	T 1
F 2	2 45 18	9°36'32	21°58	23°36	24°32	20°55	1° 2	29°44	21°39	27°18	24°43	1°49	0°24	10°44	8° 2	F 2
S 3	2 49 14	10°36'33	3°V56	25° 6	25°39	21°39	1°13	29°45	21°43	27°17	24°42	1°44	0°21	10°51	8° 1	S 3
S 4	2 53 11	11°36'36	16° 4	26°35	26°46	22°23	1°25	29°46	21°46	27°16	24°41	1°37	0°18	10°58	8° 1	S 4
M 5	2 57 7	12°36'40	28°24	28° 4	27°52	23° 7	1°36	29°47	21°50	27°15	24°40	1°27	0°15	11° 4	8° 0	M 5
T 6	3 1 4	13°36'47	10♋59	29°32	29° 0	23°51	1°47	29°48	21°54	27°14	24°39	1°15	0°12	11°11	7°59	T 6
W 7	3 5 0	14°36'55	23°48	1♌0	0♌7	24°35	1°58	29°48	21°57	27°12	24°39	1° 2	0° 8	11°18	7°58	W 7
T 8	3 8 57	15°37'05	6♉51	2°27	1°15	25°19	2° 9	29°48	22° 1	27°11	24°38	0°50	0° 5	11°24	7°58	T 8
F 9	3 12 53	16°37'17	20° 6	3°53	2°22	26° 4	2°20	29°49	22° 5	27°10	24°37	0°39	0° 2	11°31	7°57	F 9
S 10	3 16 50	17°37'31	3♌31	5°19	3°30	26°48	2°31	29°49	22° 9	27° 9	24°37	0°30	29°59	11°38	7°57	S 10
S 11	3 20 47	18°37'47	17° 6	6°44	4°39	27°33	2°42	29°R49	22°12	27° 8	24°36	0°24	29°56	11°44	7°56	S 11
M12	3 24 43	19°38'05	0♌51	8° 9	5°47	28°17	2°53	29°49	22°16	27° 6	24°35	0°20	29°52	11°51	7°56	M12
T 13	3 28 40	20°38'25	14°43	9°33	6°56	29° 2	3° 3	29°49	22°20	27° 5	24°35	0°19	29°49	11°57	7°55	T 13
W14	3 32 36	21°38'47	28°44	10°56	8° 4	29°46	3°14	29°48	22°24	27° 4	24°34	0°19	29°46	12° 4	7°55	W14
T 15	3 36 33	22°39'11	12♈54	12°18	9°13	0♌31	3°25	29°48	22°27	27° 3	24°34	0°19	29°43	12°11	7°55	T 15
F 16	3 40 29	23°39'36	27°10	13°39	10°23	1°16	3°35	29°48	22°31	27° 1	24°33	0°17	29°40	12°17	7°55	F 16
S 17	3 44 26	24°40'04	11♌32	14°59	11°32	2° 0	3°45	29°47	22°35	27° 0	24°33	0°12	29°37	12°24	7°55	S 17
S 18	3 48 22	25°40'33	25°54	16°17	12°41	2°45	3°55	29°46	22°39	26°58	24°32	0° 5	29°33	12°31	7°D54	S 18
M19	3 52 19	26°41'04	10♈13	17°34	13°51	3°30	4° 6	29°45	22°42	26°57	24°32	29°54	29°30	12°37	7°55	M19
T 20	3 56 16	27°41'37	24°21	18°50	15° 1	4°15	4°16	29°44	22°46	26°56	24°31	29°42	29°27	12°44	7°55	T 20
W21	4 0 12	28°42'12	8♌15	20° 3	16°11	5° 0	4°26	29°43	22°50	26°54	24°31	29°29	29°24	12°51	7°55	W21
T 22	4 4 9	29°42'48	21°48	21°15	17°21	5°45	4°35	29°42	22°53	26°53	24°30	29°17	29°21	12°57	7°55	T 22
F 23	4 8 5	0♌43'25	5♌0	22°24	18°31	6°30	4°45	29°41	22°57	26°51	24°30	29° 6	29°18	13° 4	7°55	F 23
S 24	4 12 2	1°44'03	17°48	23°31	19°42	7°15	4°55	29°40	23° 1	26°50	24°30	28°58	29°14	13°11	7°55	S 24
S 25	4 15 58	2°44'43	0♌16	24°35	20°52	8° 0	5° 4	29°38	23° 5	26°48	24°29	28°53	29°11	13°17	7°56	S 25
M26	4 19 55	3°45'24	12°27	25°35	22° 3	8°46	5°14	29°36	23° 8	26°47	24°29	28°50	29° 8	13°24	7°56	M26
T 27	4 23 51	4°46'06	24°24	26°31	23°14	9°31	5°23	29°35	23°12	26°45	24°29	28°50	29° 5	13°31	7°57	T 27
W28	4 27 48	5°46'49	6♊14	27°22	24°24	10°16	5°32	29°33	23°16	26°44	24°29	28°49	29° 2	13°37	7°57	W28
T 29	4 31 45	6°47'33	18° 2	28° 9	25°35	11° 2	5°41	29°31	23°19	26°42	24°28	28°49	28°58	13°44	7°58	T 29
F 30	4 35 41	7°48'18	29♊53	28°50	26°47	11°47	5°50	29°29	23°23	26°40	24°28	28°47	28°55	13°51	7°59	F 30

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s22	7s 5	0n44	19s33	1s18	3n25	0n53	23s46	1s53	0n40	1n 6	20n10	0s 2	17s53	0n17	22n 6	1s19	16s34	15s48	10s49	11s18	6s44	3s31	5n25
F 2	14 41	1 34	1 45	20 2	1 24	3 3	0 58	23 39	1 52	0 36	1 6	20 10	0 2	17 54	0 17	22 6	1 19	16 34	15 48	10 50	11 20	6 41	3 32	5 25
S 3	15 0	4n 2	2 42	20 29	1 30	2 40	1 2	23 31	1 51	0 31	1 6	20 10	0 2	17 55	0 17	22 6	1 19	16 34	15 48	10 51	11 21	6 38	3 32	5 25
S 4	15 19	9 35	3 32	20 56	1 36	2 17	1 5	23 23	1 50	0 27	1 6	20 10	0 2	17 56	0 17	22 6	1 19	16 34	15 48	10 54	11 22	6 34	3 33	5 24
M 5	15 37	14 51	4 13	21 22	1 41	1 54	1 9	23 15	1 50	0 23	1 6	20 10	0 1	17 57	0 17	22 6	1 19	16 34	15 47	10 57	11 23	6 31	3 33	5 24
T 6	15 55	19 36	4 43	21 47	1 47	1 31	1 13	23 7	1 49	0 18	1 6	20 10	0 1	17 58	0 16	22 5	1 19	16 34	15 47	11 2	11 24	6 28	3 34	5 23
W 7	16 13	23 32	4 59	22 11	1 52	1 7	1 16	22 58	1 48	0 14	1 6	20 10	0 1	17 59	0 16	22 5	1 19	16 34	15 47	11 6	11 25	6 24	3 35	5 23
T 8	16 31	26 22	4 59	22 33	1 57	0 44	1 20	22 49	1 47	0 10	1 7	20 10	0 1	18 0	0 16	22 5	1 19	16 34	15 47	11 11	11 26	6 21	3 35	5 23
F 9	16 48	27 47	4 44	22 55	2 2	0 20	1 23	22 40	1 46	0 5	1 7	20 10	0 1	18 1	0 16	22 5	1 19	16 34	15 46	11 15	11 27	6 18	3 36	5 22
S 10	17 5	27 36	4 13	23 15	2 6	0s 4	1 26	22 31	1 45	0 1	1 7	20 10	0 1	18 2	0 16	22 5	1 19	16 34	15 46	11 18	11 29	6 14	3 36	5 22
S 11	17 22	25 46	3 27	23 35	2 11	0 29	1 29	22 21	1 44	0s 3	1 7	20 10	0 1	18 3	0 16	22 5	1 19	16 34	15 46	11 20	11 30	6 11	3 37	5 22
M12	17 38	22 23	2 29	23 53	2 15	0 53	1 32	22 11	1 44	0 7	1 7	20 10	0 1	18 4	0 16	22 5	1 19	16 34	15 45	11 21	11 31	6 8	3 37	5 21
T 13	17 54	17 43	1 22	24 9	2 18	1 17	1 35	22 1	1 43	0 11	1 7	20 10	0 1	18 5	0 16	22 5	1 19	16 34	15 45	11 21	11 32	6 4	3 38	5 21
W14	18 10	12 2	0 8	24 25	2 22	1 42	1 38	21 51	1 42	0 15	1 8	20 11	0 1	18 6	0 16	22 5	1 19	16 34	15 45	11 21	11 33	6 1	3 38	5 21
T 15	18 26	5 42	1s 6	24 39	2 25	2 7	1 41	21 41	1 41	0 19	1 8	20 11	0 0	18 7	0 16	22 5	1 19	16 34	15 45	11 22	11 34	5 58	3 39	5 20
F 16	18 41	0s58	2 17	24 52	2 28	2 32	1 43	21 30	1 40	0 23	1 8	20 11	0 0	18 8	0 16	22 5	1 19	16 34	15 44	11 22	11 35	5 54	3 39	5 20
S 17	18 56	7 37	3 19	25 4	2 30	2 57	1 45	21 19	1 39	0 27	1 8	20 11	0 0	18 9	0 16	22 5	1 19	16 34	15 44	11 24	11 36	5 51	3 39	5 20
S 18	19 10	13 52	4 9	25 14	2 32	3 22	1 48	21 8	1 38	0 31	1 8	20 11	0 0	18 10	0 16	22 5	1 19	16 34	15 44	11 27	11 37	5 48	3 40	5 19
M19	19 25	19 21	4 43	25 23	2 33	3 47	1 50	20 57	1 38	0 35	1 8	20 12	0 0	18 11	0 16	22 5	1 19	16 34	15 43	11 30	11 39	5 44	3 40	5 19
T 20	19 38	23 41	4 59	25 31	2 34	4 12	1 52	20 45	1 37	0 39	1 9	20 12	0n 0	18 12	0 16	22 5	1 19	16 34	15 43	11 34	11 40	5 41	3 40	5 18
W21	19 52	26 33	4 57	25 37	2 34	4 37	1 54	20 34	1 36	0 42	1 9	20 12	0 0	18 13	0 16	22 5	1 19	16 34	15 43	11 39	11 41	5 38	3 41	5 18
T 22	20 5	27 48	4 38	25 42	2 34	5 2	1 56	20 22	1 35	0 46	1 9	20 13	0 0	18 14	0 16	22 5	1 19	16 34	15 42	11 43	11 42	5 34	3 41	5 18
F 23	20 18	27 24	4 4	25 45	2 33	5 27	1 57	20 9	1 34	0 50	1 9	20 13	0 0	18 15	0 16	22 5	1 19	16 34	15 42	11 47	11 43	5 31	3 41	5 17
S 24	20 30	25 32	3 19	25 47	2 31	5 52	1 59	19 57	1 33	0 54	1 9	20 13	0 0	18 15	0 16	22 5	1 19	16 33	15 42	11 50	11 44	5 28	3 41	5 17
S 25	20 42	22 27	2 25	25 48	2 29	6 17	2 0	19 45	1 32	0 57	1 9	20 14	0 1	18 16	0 16	22 5	1 19	16 33	15 42	11 52	11 45	5 24	3 42	5 17
M26	20 54	18 26	1 26	25 47	2 26	6 42	2 2	19 32	1 31	1 1	1 10	20 14	0 1	18 17	0 16	22 5	1 19	16 33	15 41	11 53	11 46	5 21	3 42	5 16
T 27	21 5	13 45	0 23	25 45	2 21	7 7	2 3	19 19	1 30	1 4	1 10	20 15	0 1	18 18	0 16	22 4	1 19	16 33	15 41	11 53	11 47	5 18	3 42	5 16
W28	21 16	8 37	0n39	25 41	2 16	7 32	2 4	19 6	1 29	1 8	1 10	20 15	0 1	18 19	0 16	22 4	1 19	16 33	15 41	11 53	11 49	5 14	3 42	5 16
T 29	21 26	3 12	1 40	25 35	2 10	7 57	2 5	18 53	1 28	1 11	1 10	20 16	0 1	18 20	0 16	22 4	1 19	16 33	15 40	11 53	11 50	5 11	3 42	5 15
F 30	21s36	2n21	2n37	25s29	2s 3	8s22	2n 6	18s39	1s28	1s14	1n10	20n16	0n 1	18s21	0n16	22n 4	1s19	16s32	15s40	11s54	11s51	5s 8	3s42	5n15

ASTRODIENST EPHEMERIS for the year 2063
geocentric

DECEMBER 2063

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	4 39 38	8°49'04	11°53	29°24	27°58	12°32	5°59	29°27	23°27	26°39	24°28	28°43	28°52	13°57	7°59	S 1
S 2	4 43 34	9°49'51	24° 6	29°51	29° 9	13°18	6° 8	29°25	23°30	26°37	24°28	28°36	28°49	14° 4	8° 0	S 2
M 3	4 47 31	10°50'39	6°35	0°310	0°21	14° 3	6°17	29°22	23°34	26°36	24°28	28°26	28°46	14°10	8° 1	M 3
T 4	4 51 27	11°51'28	19°23	0°20	1°32	14°49	6°25	29°20	23°38	26°34	24°27	28°15	28°43	14°17	8° 2	T 4
W 5	4 55 24	12°52'18	2°33	0°20	2°44	15°34	6°33	29°17	23°41	26°32	24°27	28° 2	28°39	14°24	8° 3	W 5
T 6	4 59 20	13°53'10	15°55	0°10	3°56	16°20	6°42	29°15	23°45	26°31	24°27	27°49	28°36	14°30	8° 4	T 6
F 7	5 3 17	14°54'02	29°35	29°48	5° 8	17° 5	6°50	29°12	23°48	26°29	24°27	27°38	28°33	14°37	8° 5	F 7
S 8	5 7 14	15°54'55	13°26	29°16	6°19	17°51	6°58	29° 9	23°52	26°27	24°27	27°29	28°30	14°44	8° 6	S 8
S 9	5 11 10	16°55'50	27°26	28°32	7°32	18°36	7° 6	29° 6	23°55	26°26	24°27	27°23	28°27	14°50	8° 7	S 9
M10	5 15 7	17°56'46	11°30	27°38	8°44	19°22	7°14	29° 3	23°59	26°24	24°27	27°19	28°24	14°57	8° 8	M10
T 11	5 19 3	18°57'43	25°36	26°33	9°56	20° 7	7°21	29° 0	24° 2	26°22	24°27	27°18	28°20	15° 4	8°10	T 11
W12	5 23 0	19°58'40	9°43	25°21	11° 8	20°53	7°29	28°57	24° 6	26°21	24°27	27°19	28°17	15°10	8°11	W12
T 13	5 26 56	20°59'40	23°48	24° 2	12°21	21°39	7°36	28°54	24° 9	26°19	24°27	27°18	28°14	15°17	8°12	T 13
F 14	5 30 53	22° 0'40	7°52	22°40	13°33	22°24	7°43	28°50	24°13	26°17	24°28	27°18	28°11	15°24	8°14	F 14
S 15	5 34 50	23° 1'41	21°54	21°17	14°46	23°10	7°50	28°47	24°16	26°16	24°28	27°15	28° 8	15°30	8°15	S 15
S 16	5 38 46	24° 2'44	5°51	19°56	15°59	23°56	7°57	28°43	24°19	26°14	24°28	27° 9	28° 4	15°37	8°17	S 16
M17	5 42 43	25° 3'47	19°41	18°40	17°11	24°41	8° 4	28°40	24°23	26°12	24°28	27° 0	28° 1	15°44	8°18	M17
T 18	5 46 39	26° 4'52	3°23	17°30	18°24	25°27	8°11	28°36	24°26	26°11	24°28	26°50	27°58	15°50	8°20	T 18
W19	5 50 36	27° 5'57	16°52	16°30	19°37	26°13	8°17	28°32	24°29	26° 9	24°29	26°39	27°55	15°57	8°22	W19
T 20	5 54 32	28° 7'03	0°3	15°39	20°50	26°59	8°24	28°28	24°33	26° 7	24°29	26°28	27°52	16° 4	8°24	T 20
F 21	5 58 29	29° 8'09	13° 3	14°59	22° 3	27°44	8°30	28°24	24°36	26° 5	24°29	26°19	27°49	16°10	8°26	F 21
S 22	6 2 25	0°3	9'16	25°43	14°29	23°16	8°36	28°20	24°39	26° 4	24°29	26°12	27°45	16°17	8°27	S 22
S 23	6 6 22	1°10'24	8°5	14°11	24°29	29°16	8°42	28°16	24°42	26° 2	24°30	26° 8	27°42	16°24	8°29	S 23
M24	6 10 19	2°11'31	20°14	14°D 3	25°42	0°2	8°48	28°12	24°46	26° 0	24°30	26° 6	27°39	16°30	8°31	M24
T 25	6 14 15	3°12'39	2°10	14° 5	26°55	0°48	8°53	28° 8	24°49	25°59	24°31	26°D 6	27°36	16°37	8°33	T 25
W26	6 18 12	4°13'47	14° 0	14°16	28° 9	1°33	8°59	28° 4	24°52	25°57	24°31	26° 7	27°33	16°43	8°35	W26
T 27	6 22 8	5°14'55	25°48	14°36	29°22	2°19	9° 4	27°59	24°55	25°55	24°31	26° 8	27°30	16°50	8°38	T 27
F 28	6 26 5	6°16'03	7°39	15° 3	0°235	3° 5	9° 9	27°55	24°58	25°54	24°32	26°R 9	27°26	16°57	8°40	F 28
S 29	6 30 1	7°17'11	19°38	15°37	1°49	3°51	9°14	27°51	25° 1	25°52	24°32	26° 8	27°23	17° 3	8°42	S 29
S 30	6 33 58	8°18'19	1°51	16°17	3° 2	4°37	9°19	27°46	25° 4	25°50	24°33	26° 5	27°20	17°10	8°44	S 30
M31	6 37 54	9°19'27	14°22	17°2	4°16	5°22	9°23	27°42	25°7	25°51	24°33	26°5	27°17	17°17	8°47	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s46	7n52	3n27	25s20	1s55	8s46	2n 7	18s25	1s27	1s18	1n11	20n17	0n 1	18s22	0n16	22n 4	1s19	16s32	15s40	11s55	11s52	5s 4	3s42	5n14	
S 2	21 55	13 12	4 9	25 11	1 45	9 11	2 7	18 12	1 26	1 21	1 11	20 17	0 1	18 23	0 16	22 4	1 19	16 32	15 39	11 57	11 53	5 1	3 42	5 14	
M 3	22 4	18 7	4 40	25 0	1 34	9 35	2 8	17 58	1 25	1 24	1 11	20 18	0 1	18 24	0 16	22 4	1 19	16 32	15 39	12 1	11 54	4 58	3 42	5 14	
T 4	22 12	22 20	4 57	24 47	1 21	10 0	2 8	17 43	1 24	1 27	1 11	20 19	0 2	18 25	0 16	22 4	1 19	16 31	15 39	12 5	11 55	4 54	3 42	5 13	
W 5	22 20	25 33	5 0	24 34	1 8	10 24	2 9	17 29	1 23	1 31	1 11	20 19	0 2	18 26	0 16	22 4	1 19	16 31	15 38	12 9	11 56	4 51	3 42	5 13	
T 6	22 28	27 26	4 46	24 18	0 52	10 48	2 9	17 14	1 22	1 34	1 12	20 20	0 2	18 26	0 16	22 4	1 19	16 31	15 38	12 14	11 57	4 48	3 42	5 13	
F 7	22 35	27 42	4 16	24 2	0 36	11 12	2 9	17 0	1 21	1 37	1 12	20 21	0 2	18 27	0 16	22 4	1 19	16 31	15 38	12 18	11 59	4 44	3 42	5 12	
S 8	22 41	26 15	3 30	23 44	0 18	11 35	2 9	16 45	1 20	1 40	1 12	20 21	0 2	18 28	0 16	22 4	1 19	16 30	15 37	12 21	12 0	4 41	3 42	5 12	
S 9	22 47	23 9	2 32	23 24	0n 1	11 59	2 9	16 30	1 19	1 43	1 12	20 22	0 2	18 29	0 16	22 4	1 19	16 30	15 37	12 23	12 1	4 38	3 42	5 12	
M10	22 53	18 39	1 23	23 4	0 21	12 22	2 9	16 15	1 18	1 45	1 12	20 23	0 2	18 30	0 16	22 4	1 19	16 30	15 37	12 24	12 2	4 34	3 42	5 11	
T 11	22 58	13 7	0 9	22 42	0 41	12 45	2 9	16 0	1 17	1 48	1 13	20 23	0 2	18 31	0 16	22 4	1 19	16 29	15 36	12 24	12 3	4 31	3 42	5 11	
W12	23 3	6 55	1s 6	22 20	1 1	13 8	2 9	15 44	1 16	1 51	1 13	20 24	0 2	18 32	0 16	22 4	1 19	16 29	15 36	12 24	12 4	4 28	3 42	5 11	
T 13	23 8	0 23	2 16	21 57	1 21	13 30	2 8	15 28	1 15	1 54	1 13	20 25	0 3	18 33	0 16	22 4	1 19	16 29	15 36	12 24	12 5	4 24	3 41	5 10	
F 14	23 12	6s 9	3 18	21 34	1 40	13 52	2 8	15 13	1 14	1 56	1 13	20 26	0 3	18 33	0 16	22 4	1 19	16 28	15 35	12 24	12 6	4 21	3 41	5 10	
S 15	23 15	12 22	4 8	21 12	1 57	14 14	2 7	14 57	1 13	1 59	1 14	20 27	0 3	18 34	0 16	22 4	1 19	16 28	15 35	12 26	12 7	4 18	3 41	5 9	
S 16	23 18	17 55	4 43	20 51	2 13	14 36	2 6	14 41	1 12	2 1	1 14	20 27	0 3	18 35	0 16	22 4	1 19	16 27	15 35	12 28	12 8	4 14	3 41	5 9	
M17	23 20	22 29	5 1	20 31	2 26	14 57	2 6	14 25	1 11	2 4	1 14	20 28	0 3	18 36	0 16	22 4	1 19	16 27	15 34	12 31	12 9	4 11	3 40	5 9	
T 18	23 23	25 46	5 2	20 14	2 37	15 18	2 5	14 8	1 11	2 6	1 14	20 29	0 3	18 37	0 16	22 4	1 19	16 27	15 34	12 34	12 11	4 7	3 40	5 8	
W19	23 24	27 31	4 45	20 0	2 46	15 39	2 4	13 52	1 10	2 9	1 15	20 30	0 3	18 38	0 16	22 3	1 19	16 26	15 34	12 38	12 12	4 4	3 40	5 8	
T 20	23 25	27 40	4 14	19 48	2 52	15 59	2 3	13 35	1 9	2 11	1 15	20 31	0 3	18 38	0 16	22 3	1 19	16 26	15 33	12 41	12 13	4 1	3 39	5 8	
F 21	23 26	26 16	3 29	19 40	2 56	16 19	2 2	13 19	1 8	2 13	1 15	20 32	0 3	18 39	0 16	22 3	1 19	16 25	15 33	12 44	12 14	3 57	3 39	5 7	
S 22	23 26	23 33	2 36	19 35	2 58	16 39	2 0	13 2	1 7	2 15	1 15	20 33	0 4	18 40	0 16	22 3	1 19	16 25	15 33	12 47	12 15	3 54	3 39	5 7	
S 23	23 26	19 46	1 35	19 32	2 59	16 58	1 59	12 45	1 6	2 17	1 15	20 34	0 4	18 41	0 16	22 3	1 19	16 25	15 32	12 48	12 16	3 51	3 38	5 7	
M24	23 25	15 14	0 32	19 33	2 57	17 16	1 58	12 28	1 5	2 20	1 16	20 35	0 4	18 41	0 16	22 3	1 19	16 24	15 32	12 49	12 17	3 47	3 38	5 6	
T 25	23 24	10 11	0n33	19 36	2 54	17 35	1 56	12 11	1 4	2 21	1 16	20 36	0 4	18 42	0 16	22 3	1 19	16 24	15 32	12 49	12 18	3 44	3 37	5 6	
W26	23 22	4 50	1 35	19 41	2 50	17 53	1 55	11 54	1 3	2 23	1 16	20 37	0 4	18 43	0 16	22 3	1 19	16 23	15 31	12 49	12 19	3 41	3 37	5 6	
T 27	23 20	0n40	2 33	19 49	2 45	18 10	1 53	11 37	1 2	2 25	1 16	20 37	0 4	18 44	0 16	22 3	1 19	16 23	15 31	12 48	12 20	3 37	3 36	5 6	
F 28	23 17	6 10	3 25	19 57	2 39	18 27	1 51	11 19	1 1	2 27	1 17	20 38	0 4	18 44	0 16	22 3	1 19	16 22	15 31	12 48	12 22	3 34	3 36	5 5	
S 29	23 14	11 31	4 9	20 8	2 33	18 44	1 50	11 2	1 0	2 29	1 17	20 39	0 4	18 45	0 16	22 3	1 19	16 22	15 30	12 48	12 23	3 31	3 35	5 5	
S 30	23 10	16 31	4 42	20 19	2 25	19 0	1 48	10 44	0 59	2 30	1 17	20 40	0 4	18 46	0 16	22 3	1 19	16 21	15 30	12 49	12 24	3 27	3 35	5 5	
M31	23s 6	20n57	5n 2	20s31	2n18	19s15	1n46	10s26	0s58	2s32	1n17	20n41	0n 5	18s47	0n16	22n 3	1s19	16s21	15s30	12s51	12s25	3s24	3s34	5n 4	