



Astrodienst Ephemeris Tables for the year 1962

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 1962

FEBRUARY 1962

00:00 UT

Day	Sid.t	☉	☽	♈	♀	♊	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	Day
T 1	8 42 53	11≈38'49	17♌48	21°R 3	12≈45	29♋15	17≈39	3≈20	29°R13	13♌27	9°R31	18°R 4	18♌22	10♍30	4♎46	T 1	
F 2	8 46 49	12°39'44	1♋40	20≈12	14° 0	0≈ 2	17°54	3°27	29♌10	13°27	9♍30	18♌ 3	18°19	10°36	4°50	F 2	
S 3	8 50 46	13°40'38	15°58	19°12	15°15	0°48	18° 8	3°34	29° 8	13°28	9°28	18° 2	18°16	10°43	4°54	S 3	
S 4	8 54 43	14°41'31	0≈39	18° 6	16°31	1°35	18°22	3°41	29° 5	13°28	9°27	18° 2	18°13	10°50	4°57	S 4	
M 5	8 58 39	15°42'23	15°37	16°56	17°46	2°22	18°37	3°48	29° 3	13°28	9°25	18°D 2	18°10	10°56	5° 1	M 5	
T 6	9 2 36	16°43'13	0♋42	15°44	19° 1	3° 8	18°51	3°55	29° 0	13°28	9°24	18° 2	18° 6	11° 3	5° 5	T 6	
W 7	9 6 32	17°44'02	15°47	14°31	20°17	3°55	19° 6	4° 2	28°58	13°29	9°23	18°R 2	18° 3	11°10	5° 9	W 7	
T 8	9 10 29	18°44'50	0♍43	13°21	21°32	4°42	19°20	4° 9	28°55	13°29	9°21	18° 2	18° 0	11°16	5°13	T 8	
F 9	9 14 25	19°45'36	15°22	12°14	22°47	5°28	19°34	4°16	28°53	13°29	9°20	18° 2	17°57	11°23	5°16	F 9	
S 10	9 18 22	20°46'21	29°40	11°11	24° 2	6°15	19°49	4°23	28°50	13°29	9°18	18° 2	17°54	11°30	5°20	S 10	
S 11	9 22 18	21°47'04	13♊34	10°15	25°18	7° 2	20° 3	4°30	28°47	13°29	9°17	18° 1	17°51	11°36	5°24	S 11	
M12	9 26 15	22°47'46	27° 4	9°26	26°33	7°49	20°17	4°37	28°45	13°29	9°15	18°D 1	17°47	11°43	5°28	M12	
T 13	9 30 12	23°48'26	10♐12	8°45	27°48	8°35	20°32	4°44	28°42	13°29	9°14	18° 2	17°44	11°50	5°32	T 13	
W14	9 34 8	24°49'04	23° 1	8°11	29° 3	9°22	20°46	4°51	28°40	13°R30	9°12	18° 2	17°41	11°56	5°36	W14	
T 15	9 38 5	25°49'40	5♊32	7°46	0♋18	10° 9	21° 0	4°58	28°37	13°29	9°11	18° 3	17°38	12° 3	5°40	T 15	
F 16	9 42 1	26°50'15	17°51	7°28	1°33	10°56	21°15	5° 5	28°34	13°29	9° 9	18° 4	17°35	12°10	5°44	F 16	
S 17	9 45 58	27°50'48	29°58	7°18	2°49	11°43	21°29	5°11	28°32	13°29	9° 8	18° 5	17°31	12°16	5°47	S 17	
S 18	9 49 54	28°51'20	11♌58	7°D15	4° 4	12°30	21°43	5°18	28°29	13°29	9° 6	18° 5	17°28	12°23	5°51	S 18	
M19	9 53 51	29°51'50	23°51	7°19	5°19	13°17	21°58	5°25	28°26	13°29	9° 5	18°R 5	17°25	12°30	5°55	M19	
T 20	9 57 47	0♋52'18	5♍42	7°30	6°34	14° 4	22°12	5°32	28°24	13°29	9° 3	18° 4	17°22	12°36	5°59	T 20	
W21	10 1 44	1°52'45	17°30	7°47	7°49	14°50	22°26	5°38	28°21	13°29	9° 2	18° 3	17°19	12°43	6° 3	W21	
T 22	10 5 41	2°53'10	29°20	8° 9	9° 4	15°37	22°40	5°45	28°18	13°28	9° 0	18° 1	17°16	12°50	6° 7	T 22	
F 23	10 9 37	3°53'33	11♎12	8°37	10°19	16°24	22°55	5°52	28°16	13°28	8°59	17°59	17°12	12°56	6°11	F 23	
S 24	10 13 34	4°53'55	23°10	9° 9	11°34	17°11	23° 9	5°58	28°13	13°28	8°57	17°56	17° 9	13° 3	6°15	S 24	
S 25	10 17 30	5°54'16	5♍16	9°47	12°49	17°58	23°23	6° 5	28°11	13°27	8°56	17°53	17° 6	13°10	6°19	S 25	
M26	10 21 27	6°54'35	17°34	10°28	14° 4	18°45	23°37	6°11	28° 8	13°27	8°54	17°51	17° 3	13°16	6°23	M26	
T 27	10 25 23	7°54'53	0♌ 7	11°13	15°19	19°32	23°52	6°18	28° 5	13°27	8°52	17°50	17° 0	13°23	6°27	T 27	
W28	10 29 20	8°55'09	13♌ 0	12≈ 2	16♋34	20≈19	24≈ 6	6≈24	28♌ 3	13♍26	8♍51	17°D50	16♌57	13♍30	6♋31	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
T 1	17s18	18s18	4n36	11s50	2n48	18s10	1s13	21s16	0s58	16s12	0s41	19s46	0s22	12n29	0n47	14s11	1n46	20n24	13n26	15n25	15n19	9n26	4s52	5n15	
F 2	17 1	19 36	3 50	11 53	3 2	17 49	1 15	21 6	0 59	16 7	0 41	19 44	0 22	12 30	0 47	14 11	1 46	20 25	13 26	15 25	15 20	9 24	4 51	5 15	
S 3	16 43	19 41	2 49	12 0	3 14	17 28	1 16	20 57	0 59	16 3	0 41	19 43	0 22	12 31	0 47	14 11	1 46	20 26	13 27	15 26	15 21	9 22	4 50	5 15	
S 4	16 26	18 28	1 35	12 10	3 24	17 7	1 17	20 47	0 59	15 59	0 41	19 41	0 22	12 32	0 47	14 11	1 47	20 26	13 27	15 26	15 22	9 20	4 48	5 15	
M 5	16 8	15 57	0 13	12 24	3 32	16 45	1 18	20 36	1 0	15 54	0 41	19 40	0 22	12 33	0 47	14 11	1 47	20 27	13 27	15 26	15 23	9 19	4 47	5 15	
T 6	15 50	12 19	1s10	12 40	3 37	16 22	1 19	20 26	1 0	15 50	0 41	19 38	0 22	12 33	0 47	14 11	1 47	20 28	13 27	15 26	15 24	9 17	4 46	5 15	
W 7	15 31	7 53	2 28	12 58	3 40	16 0	1 20	20 15	1 0	15 45	0 42	19 36	0 22	12 34	0 47	14 11	1 47	20 29	13 28	15 26	15 25	9 15	4 45	5 15	
T 8	15 12	3 1	3 36	13 17	3 41	15 36	1 21	20 5	1 1	15 41	0 42	19 35	0 22	12 35	0 47	14 11	1 47	20 29	13 28	15 26	15 26	9 13	4 43	5 14	
F 9	14 54	1n56	4 28	13 38	3 39	15 13	1 22	19 53	1 1	15 37	0 42	19 33	0 22	12 36	0 47	14 11	1 47	20 30	13 28	15 26	15 27	9 12	4 42	5 14	
S 10	14 34	6 38	5 2	13 58	3 35	14 48	1 22	19 42	1 1	15 32	0 42	19 32	0 22	12 37	0 47	14 11	1 47	20 31	13 28	15 26	15 28	9 10	4 41	5 14	
S 11	14 15	10 52	5 17	14 19	3 29	14 24	1 23	19 31	1 2	15 28	0 42	19 30	0 23	12 38	0 47	14 11	1 47	20 32	13 28	15 26	15 29	9 8	4 40	5 14	
M12	13 55	14 24	5 14	14 39	3 22	13 59	1 24	19 19	1 2	15 23	0 42	19 29	0 23	12 39	0 47	14 11	1 47	20 32	13 29	15 26	15 30	9 6	4 38	5 14	
T 13	13 35	17 7	4 55	14 58	3 13	13 34	1 24	19 7	1 2	15 19	0 42	19 27	0 23	12 40	0 47	14 11	1 47	20 33	13 29	15 26	15 31	9 4	4 37	5 14	
W14	13 15	18 55	4 21	15 16	3 3	13 8	1 25	18 55	1 3	15 14	0 42	19 25	0 23	12 41	0 47	14 11	1 47	20 34	13 29	15 26	15 32	9 3	4 36	5 14	
T 15	12 55	19 45	3 35	15 33	2 52	12 42	1 25	18 43	1 3	15 10	0 42	19 24	0 23	12 42	0 47	14 11	1 47	20 35	13 29	15 25	15 33	9 1	4 34	5 13	
F 16	12 34	19 36	2 40	15 49	2 41	12 16	1 26	18 30	1 3	15 5	0 42	19 22	0 23	12 43	0 47	14 11	1 47	20 35	13 29	15 25	15 34	8 59	4 33	5 13	
S 17	12 13	18 33	1 39	16 3	2 29	11 49	1 26	18 17	1 3	15 1	0 42	19 21	0 23	12 44	0 47	14 11	1 47	20 36	13 30	15 25	15 35	8 57	4 32	5 13	
S 18	11 52	16 40	0 34	16 16	2 16	11 22	1 26	18 5	1 4	14 56	0 42	19 19	0 23	12 44	0 47	14 11	1 47	20 37	13 30	15 25	15 36	8 55	4 30	5 13	
M19	11 31	14 4	0n32	16 27	2 4	10 54	1 27	17 51	1 4	14 52	0 43	19 18	0 23	12 45	0 47	14 11	1 47	20 38	13 30	15 25	15 37	8 54	4 29	5 13	
T 20	11 10	10 55	1 36	16 37	1 51	10 27	1 27	17 38	1 4	14 47	0 43	19 16	0 23	12 46	0 47	14 11	1 47	20 38	13 30	15 25	15 38	8 52	4 28	5 13	
W21	10 48	7 20	2 36	16 45	1 38	9 59	1 27	17 25	1 4	14 43	0 43	19 14	0 23	12 47	0 47	14 11	1 48	20 39	13 30	15 25	15 39	8 50	4 26	5 13	
T 22	10 27	3 28	3 29	16 51	1 25	9 31	1 27	17 11	1 5	14 38	0 43	19 13	0 23	12 48	0 47	14 10	1 48	20 40	13 30	15 26	15 40	8 48	4 25	5 13	
F 23	10 5	0s33	4 13	16 56	1 13	9 2	1 27	16 57	1 5	14 33	0 43	19 11	0 24	12 49	0 47	14 10	1 48	20 40	13 30	15 27	15 41	8 46	4 24	5 13	
S 24	9 43	4 33	4 47	17 0	1 1	8 34	1 27	16 43	1 5	14 29	0 43	19 10	0 24	12 50	0 47	14 10	1 48	20 41	13 30	15 28	15 42	8 44	4 22	5 13	
S 25	9 21	8 26	5 8	17 2	0 48	8 5	1 27	16 29	1 5	14 24	0 43	19 8	0 24	12 51	0 47	14 10	1 48	20 42	13 31	15 28	15 43	8 43	4 21	5 13	
M26	8 59	12 1	5 16	17 2	0 37	7 36	1 26	16 15	1 6	14 20	0 43	19 7	0 24	12 52	0 47	14 10	1 48	20 42	13 31	15 29	15 44	8 41	4 20	5 13	
T 27	8 36	15 9	5 9	17 0	0 25	7 7	1 26	16 0	1 6	14 15	0 43	19 5	0 24	12 53	0 47	14 10	1 48	20 43	13 31	15 29	15 45	8 39	4 18	5 13	
W28	8s14	17s38	4n46	16s58	0n14	6s37	1s26	15s45	1s 6	14s10	0s43	19s 4	0s24	12n54	0n47	14s 9	1n48	20n44	13n31	15n29	15n46	8n37	4s17	5n12	

Julian Day Number = 2437696.5, Delta T = 34.04 sec

Ecliptic obliquity = $23^{\circ}26'32''$, Nutation = $-0^{\circ}00'10''$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°12'39", Lahiri = 23°19'39"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

MARCH 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 16	9♂55'24	26♂16	12♂55	17♂49	21♂6	24♂20	6♂30	28°R 0	13°R26	8°R49	17♂51	16♂53	13♂36	6♂35	T 1
F 2	10 37 13	10°55'38	9♂57	13°50	19° 4	21°54	24°34	6°37	27♂58	13♂25	8♂48	17°52	16°50	13°43	6°39	F 2
S 3	10 41 10	11°55'50	24° 4	14°48	20°19	22°41	24°48	6°43	27°55	13°25	8°46	17°54	16°47	13°50	6°43	S 3
S 4	10 45 6	12°56'00	8♂37	15°49	21°34	23°28	25° 2	6°49	27°53	13°24	8°45	17°55	16°44	13°56	6°46	S 4
M 5	10 49 3	13°56'09	23°32	16°53	22°48	24°15	25°16	6°55	27°50	13°23	8°43	17°R55	16°41	14° 3	6°50	M 5
T 6	10 52 59	14°56'16	8♂42	17°59	24° 3	25° 2	25°30	7° 2	27°48	13°23	8°42	17°54	16°37	14°10	6°54	T 6
W 7	10 56 56	15°56'21	23°57	19° 7	25°18	25°49	25°44	7° 8	27°45	13°22	8°40	17°51	16°34	14°16	6°58	W 7
T 8	11 0 52	16°56'24	9♂9	20°17	26°33	26°36	25°58	7°14	27°43	13°21	8°38	17°47	16°31	14°23	7° 2	T 8
F 9	11 4 49	17°56'25	24° 5	21°29	27°48	27°23	26°12	7°20	27°40	13°21	8°37	17°43	16°28	14°29	7° 6	F 9
S 10	11 8 45	18°56'24	8♂39	22°43	29° 2	28°10	26°26	7°26	27°38	13°20	8°35	17°39	16°25	14°36	7°10	S 10
S 11	11 12 42	19°56'21	22°47	23°59	0♂17	28°57	26°39	7°32	27°36	13°19	8°34	17°35	16°22	14°43	7°14	S 11
M12	11 16 39	20°56'16	6♂26	25°17	1°32	29°44	26°53	7°38	27°33	13°18	8°32	17°33	16°18	14°49	7°18	M12
T 13	11 20 35	21°56'08	19°38	26°36	2°47	0♂31	27° 7	7°43	27°31	13°17	8°31	17°D32	16°15	14°56	7°21	T 13
W14	11 24 32	22°55'59	2♂24	27°57	4° 1	1°19	27°21	7°49	27°29	13°17	8°29	17°32	16°12	15° 3	7°25	W14
T 15	11 28 28	23°55'47	14°51	29°19	5°16	2° 6	27°34	7°55	27°26	13°16	8°28	17°33	16° 9	15° 9	7°29	T 15
F 16	11 32 25	24°55'33	27° 1	0♂43	6°30	2°53	27°48	8° 0	27°24	13°15	8°26	17°35	16° 6	15°16	7°33	F 16
S 17	11 36 21	25°55'16	9♂1	2° 8	7°45	3°40	28° 1	8° 6	27°22	13°14	8°25	17°36	16° 3	15°23	7°37	S 17
S 18	11 40 18	26°54'58	20°52	3°35	9° 0	4°27	28°15	8°12	27°20	13°13	8°23	17°R37	15°59	15°29	7°40	S 18
M19	11 44 14	27°54'37	2♂41	5° 3	10°14	5°14	28°28	8°17	27°17	13°12	8°22	17°35	15°56	15°36	7°44	M19
T 20	11 48 11	28°54'14	14°29	6°33	11°29	6° 1	28°42	8°22	27°15	13°11	8°20	17°32	15°53	15°43	7°48	T 20
W21	11 52 7	29°53'49	26°18	8° 4	12°43	6°48	28°55	8°28	27°13	13°10	8°19	17°27	15°50	15°49	7°52	W21
T 22	11 56 4	0♂53'22	8♂12	9°36	13°58	7°35	29° 8	8°33	27°11	13° 9	8°18	17°20	15°47	15°56	7°55	T 22
F 23	12 0 1	1°52'53	20°11	11°10	15°12	8°22	29°22	8°38	27° 9	13° 7	8°16	17°11	15°43	16° 3	7°59	F 23
S 24	12 3 57	2°52'22	2♂18	12°45	16°26	9° 9	29°35	8°43	27° 7	13° 6	8°15	17° 3	15°40	16° 9	8° 3	S 24
S 25	12 7 54	3°51'49	14°32	14°21	17°41	9°56	29°48	8°48	27° 5	13° 5	8°13	16°54	15°37	16°16	8° 6	S 25
M26	12 11 50	4°51'14	26°58	15°59	18°55	10°43	0♂1	8°53	27° 3	13° 4	8°12	16°47	15°34	16°23	8°10	M26
T 27	12 15 47	5°50'38	9♂36	17°38	20° 9	11°30	0°14	8°58	27° 1	13° 3	8°11	16°42	15°31	16°29	8°13	T 27
W28	12 19 43	6°50'00	22°29	19°18	21°24	12°17	0°27	9° 3	26°59	13° 2	8° 9	16°39	15°28	16°36	8°17	W28
T 29	12 23 40	7°49'20	5♂40	21° 0	22°38	13° 4	0°40	9° 8	26°58	13° 0	8° 8	16°D37	15°24	16°43	8°21	T 29
F 30	12 27 36	8°48'38	19°11	22°43	23°52	13°51	0°53	9°13	26°56	12°59	8° 7	16°38	15°21	16°49	8°24	F 30
S 31	12 31 33	9♂47'54	3♂6	24♂27	25♂9	14♂38	1♂6	9♂18	26♂54	12♂58	8♂5	16♂39	15♂18	16♂56	8♂28	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s51	19s16	4n 8	16s53	0n 3	6s 8	1s25	15s30	1s 6	14s 6	0s43	19s 2	0s24	12n54	0n47	14s 9
F 2	7 28	19 50	3 14	16 48	0s 7	5 38	1 25	15 15	1 6	14 1	0 44	19 1	0 24	12 55	0 47	14 9
S 3	7 5	19 12	2 8	16 40	0 18	5 8	1 24	15 0	1 6	13 57	0 44	18 59	0 24	12 56	0 47	14 9
S 4	6 42	17 17	0 51	16 32	0 27	4 38	1 24	14 45	1 7	13 52	0 44	18 58	0 24	12 57	0 47	14 9
M 5	6 19	14 10	0s31	16 22	0 37	4 7	1 23	14 30	1 7	13 47	0 44	18 56	0 24	12 58	0 47	14 8
T 6	5 56	10 2	1 52	16 10	0 46	3 37	1 22	14 14	1 7	13 43	0 44	18 55	0 25	12 59	0 47	14 8
W 7	5 33	5 14	3 5	15 57	0 54	3 7	1 21	13 58	1 7	13 38	0 44	18 53	0 25	13 0	0 47	14 8
T 8	5 9	0 8	4 5	15 43	1 2	2 36	1 20	13 42	1 7	13 34	0 44	18 52	0 25	13 0	0 47	14 8
F 9	4 46	4n53	4 47	15 27	1 10	2 6	1 20	13 26	1 7	13 29	0 44	18 51	0 25	13 1	0 47	14 7
S 10	4 23	9 30	5 9	15 10	1 18	1 35	1 19	13 10	1 8	13 24	0 44	18 49	0 25	13 2	0 47	14 7
S 11	3 59	13 26	5 12	14 52	1 25	1 4	1 18	12 54	1 8	13 20	0 45	18 48	0 25	13 3	0 47	14 7
M12	3 36	16 31	4 56	14 32	1 31	0 34	1 16	12 37	1 8	13 15	0 45	18 46	0 25	13 4	0 47	14 6
T 13	3 12	18 37	4 26	14 11	1 38	0 3	1 15	12 21	1 8	13 11	0 45	18 45	0 25	13 4	0 47	14 6
W14	2 48	19 43	3 42	13 48	1 43	0n28	1 14	12 4	1 8	13 6	0 45	18 43	0 25	13 5	0 47	14 6
T 15	2 25	19 48	2 49	13 25	1 49	0 59	1 13	11 47	1 8	13 1	0 45	18 42	0 25	13 6	0 47	14 6
F 16	2 1	18 57	1 50	13 0	1 54	1 30	1 11	11 31	1 8	12 57	0 45	18 41	0 26	13 7	0 47	14 5
S 17	1 37	17 15	0 47	12 33	1 58	2 0	1 10	11 14	1 8	12 52	0 45	18 39	0 26	13 8	0 47	14 5
S 18	1 14	14 49	0n18	12 6	2 2	2 31	1 8	10 56	1 8	12 48	0 46	18 38	0 26	13 8	0 47	14 5
M19	0 50	11 47	1 21	11 37	2 6	3 2	1 7	10 39	1 8	12 43	0 46	18 37	0 26	13 9	0 47	14 4
T 20	0 26	8 17	2 21	11 7	2 9	3 32	1 5	10 22	1 8	12 39	0 46	18 35	0 26	13 10	0 47	14 4
W21	0 2	4 26	3 14	10 36	2 12	4 3	1 4	10 5	1 8	12 34	0 46	18 34	0 26	13 10	0 47	14 4
T 22	0n21	0 25	4 0	10 3	2 15	4 33	1 2	9 47	1 9	12 30	0 46	18 33	0 26	13 11	0 47	14 3
F 23	0 45	3s39	4 35	9 29	2 17	5 4	1 0	9 30	1 9	12 25	0 46	18 32	0 26	13 12	0 47	14 3
S 24	1 9	7 36	4 58	8 54	2 18	5 34	0 59	9 12	1 9	12 21	0 46	18 30	0 26	13 12	0 47	14 2
S 25	1 32	11 18	5 8	8 18	2 19	6 4	0 57	8 54	1 9	12 16	0 46	18 29	0 26	13 13	0 47	14 2
M26	1 56	14 34	5 3	7 41	2 20	6 34	0 55	8 36	1 9	12 12	0 47	18 28	0 27	13 14	0 47	14 2
T 27	2 19	17 13	4 44	7 2	2 20	7 4	0 53	8 18	1 9	12 7	0 47	18 27	0 27	13 14	0 47	14 1
W28	2 43	19 4	4 10	6 23	2 20	7 33	0 51	8 1	1 9	12 3	0 47	18 26	0 27	13 15	0 47	14 1
T 29	3 6	19 57	3 22	5 42	2 19	8 3	0 49	7 42	1 9	11 58	0 47	18 24	0 27	13 16	0 47	14 0
F 30	3 30	19 43	2 22	5 0	2 18	8 32	0 47	7 24	1 9	11 54	0 47	18 23	0 27	13 16	0 47	14 0
S 31	3n53	18s18	1n12	4s17	2s16	9n 1	0s45	7s 6	1s 9	11s50	0s47	18s22	0s27	13n17	0n47	14s 0

Julian Day Number = 2437724.5, Delta T = 34.07 sec
 Ecliptic obliquity = 23°26'33", Nutation = - 0°00'11", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°12'42", Lahiri = 23°19'43"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

APRIL 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 30	10°47'09	17°23	26°13	26°20	15°25	1°18	9°22	26°R52	12°R57	8°R 4	16°R39	15°Ω15	17°♂ 3	8°♂31	S 1
M 2	12 39 26	11°46'22	2°2	28° 0	27°35	16°12	1°31	9°27	26°Ω51	12°M55	8°♂ 3	16°Ω38	15°12	17° 9	8°35	M 2
T 3	12 43 23	12°45'33	16°59	29°48	28°49	16°59	1°43	9°31	26°49	12°54	8° 2	16°35	15° 8	17°16	8°38	T 3
W 4	12 47 19	13°44'42	2°Y 6	1°Y38	0°8 3	17°46	1°56	9°35	26°48	12°52	8° 1	16°29	15° 5	17°23	8°41	W 4
T 5	12 51 16	14°43'49	17°14	3°30	1°17	18°33	2° 8	9°40	26°46	12°51	7°59	16°22	15° 2	17°29	8°45	T 5
F 6	12 55 12	15°42'54	2°B13	5°23	2°31	19°20	2°21	9°44	26°45	12°50	7°58	16°13	14°59	17°36	8°48	F 6
S 7	12 59 9	16°41'57	16°55	7°17	3°45	20° 7	2°33	9°48	26°43	12°48	7°57	16° 3	14°56	17°43	8°51	S 7
S 8	13 3 5	17°40'58	1°II11	9°13	4°59	20°53	2°45	9°52	26°42	12°47	7°56	15°55	14°53	17°49	8°55	S 8
M 9	13 7 2	18°39'57	14°58	11°10	6°13	21°40	2°57	9°56	26°41	12°45	7°55	15°48	14°49	17°56	8°58	M 9
T 10	13 10 59	19°38'53	28°16	13° 8	7°27	22°27	3° 9	10° 0	26°39	12°44	7°54	15°44	14°46	18° 3	9° 1	T 10
W11	13 14 55	20°37'47	11°B 7	15° 8	8°41	23°14	3°21	10° 4	26°38	12°42	7°53	15°42	14°43	18° 9	9° 4	W11
T 12	13 18 52	21°36'39	23°35	17° 9	9°55	24° 1	3°33	10° 8	26°37	12°41	7°52	15°D41	14°40	18°16	9° 7	T 12
F 13	13 22 48	22°35'29	5°Ω45	19°11	11° 8	24°47	3°45	10°11	26°36	12°39	7°50	15°42	14°37	18°23	9°10	F 13
S 14	13 26 45	23°34'16	17°42	21°15	12°22	25°34	3°57	10°15	26°35	12°38	7°49	15°R42	14°34	18°29	9°13	S 14
S 15	13 30 41	24°33'01	29°32	23°19	13°36	26°21	4° 8	10°18	26°34	12°36	7°49	15°41	14°30	18°36	9°16	S 15
M16	13 34 38	25°31'44	11°♂19	25°25	14°50	27° 7	4°20	10°22	26°33	12°35	7°48	15°38	14°27	18°43	9°19	M16
T 17	13 38 34	26°30'24	23° 8	27°31	16° 3	27°54	4°31	10°25	26°32	12°33	7°47	15°32	14°24	18°49	9°22	T 17
W18	13 42 31	27°29'03	5°Δ 1	29°38	17°17	28°41	4°43	10°28	26°31	12°32	7°46	15°24	14°21	18°56	9°25	W18
T 19	13 46 27	28°27'39	17° 1	1°B45	18°30	29°27	4°54	10°32	26°30	12°30	7°45	15°13	14°18	19° 3	9°28	T 19
F 20	13 50 24	29°26'14	29°11	3°53	19°44	0°Y14	5° 5	10°35	26°29	12°29	7°44	15° 1	14°14	19° 9	9°31	F 20
S 21	13 54 21	0°B24'46	11°M30	6° 0	20°58	1° 0	5°16	10°38	26°28	12°27	7°43	14°47	14°11	19°16	9°34	S 21
S 22	13 58 17	1°23'17	23°59	8° 7	22°11	1°47	5°27	10°41	26°28	12°25	7°42	14°35	14° 8	19°23	9°37	S 22
M23	14 2 14	2°21'46	6°Δ19	10°13	23°25	2°33	5°38	10°43	26°27	12°24	7°42	14°24	14° 5	19°29	9°39	M23
T 24	14 6 10	3°20'13	19°30	12°19	24°38	3°20	5°49	10°46	26°27	12°22	7°41	14°15	14° 2	19°36	9°42	T 24
W25	14 10 7	4°18'39	2°B33	14°23	25°51	4° 6	6° 0	10°49	26°26	12°21	7°40	14° 9	13°59	19°43	9°45	W25
T 26	14 14 3	5°17'03	15°50	16°25	27° 5	4°52	6°10	10°51	26°26	12°19	7°39	14° 6	13°55	19°49	9°47	T 26
F 27	14 18 0	6°15'25	29°21	18°26	28°18	5°39	6°21	10°54	26°25	12°17	7°39	14° 5	13°52	19°56	9°50	F 27
S 28	14 21 56	7°13'46	13°≈ 9	20°24	29°31	6°25	6°31	10°56	26°25	12°16	7°38	14° 5	13°49	20° 3	9°52	S 28
S 29	14 25 53	8°12'05	27°14	22°20	0°II45	7°11	6°41	10°58	26°24	12°14	7°37	14° 4	13°46	20° 9	9°55	S 29
M30	14 29 50	9°B10'23	11°K35	24°B13	1°II58	7°Y57	6°K51	11°≈ 0	26°Ω24	12°M13	7°♂37	14°Ω 3	13°Ω43	20°♂16	9°K57	M30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n16	15s41	0s 4	3s33	2s14	9n30	0s43	6s48	1s 9	11s45	0s48	18s21	0s27	13n17	0n47	13s59	1n49	21n 0	13n29	15n51	16n16	7n37	3s32	5n14	
M 2	4 39	12 1	1 22	2 48	2 11	9 59	0 40	6 30	1 8	11 41	0 48	18 20	0 27	13 18	0 47	13 59	1 49	21 1	13 29	15 51	16 17	7 35	3 30	5 14	
T 3	5 2	7 32	2 35	2 2	2 8	10 27	0 38	6 11	1 8	11 36	0 48	18 19	0 27	13 18	0 47	13 58	1 50	21 1	13 29	15 52	16 18	7 33	3 29	5 14	
W 4	5 25	2 31	3 39	1 15	2 4	10 56	0 36	5 53	1 8	11 32	0 48	18 18	0 28	13 19	0 47	13 58	1 50	21 1	13 29	15 54	16 19	7 31	3 27	5 14	
T 5	5 48	2n40	4 27	0 26	2 0	11 24	0 34	5 35	1 8	11 28	0 48	18 17	0 28	13 19	0 47	13 57	1 50	21 2	13 29	15 56	16 20	7 29	3 26	5 14	
F 6	6 11	7 37	4 56	0n23	1 55	11 51	0 31	5 16	1 8	11 24	0 48	18 16	0 28	13 20	0 47	13 57	1 50	21 2	13 28	15 59	16 21	7 27	3 25	5 14	
S 7	6 34	12 1	5 5	1 13	1 50	12 19	0 29	4 58	1 8	11 19	0 48	18 15	0 28	13 20	0 47	13 56	1 50	21 2	13 28	16 2	16 22	7 26	3 23	5 14	
S 8	6 56	15 36	4 54	2 3	1 44	12 46	0 27	4 39	1 8	11 15	0 49	18 14	0 28	13 21	0 46	13 56	1 50	21 2	13 28	16 4	16 22	7 24	3 22	5 14	
M 9	7 19	18 11	4 27	2 55	1 38	13 13	0 24	4 21	1 8	11 11	0 49	18 13	0 28	13 21	0 46	13 56	1 50	21 3	13 28	16 6	16 23	7 22	3 21	5 15	
T 10	7 41	19 41	3 45	3 47	1 31	13 39	0 22	4 2	1 8	11 7	0 49	18 12	0 28	13 22	0 46	13 55	1 50	21 3	13 28	16 7	16 24	7 20	3 19	5 15	
W11	8 3	20 6	2 54	4 40	1 24	14 5	0 19	3 43	1 8	11 2	0 49	18 11	0 28	13 22	0 46	13 55	1 50	21 3	13 27	16 8	16 25	7 18	3 18	5 15	
T 12	8 26	19 29	1 55	5 34	1 16	14 31	0 17	3 25	1 8	10 58	0 49	18 10	0 29	13 22	0 46	13 54	1 50	21 3	13 27	16 8	16 26	7 16	3 17	5 15	
F 13	8 47	17 59	0 53	6 28	1 8	14 57	0 14	3 6	1 7	10 54	0 50	18 9	0 29	13 23	0 46	13 54	1 50	21 4	13 27	16 8	16 27	7 14	3 16	5 15	
S 14	9 9	15 42	0n11	7 23	0 59	15 22	0 12	2 48	1 7	10 50	0 50	18 8	0 29	13 23	0 46	13 53	1 50	21 4	13 27	16 8	16 28	7 12	3 14	5 15	
S 15	9 31	12 47	1 13	8 17	0 50	15 47	0 9	2 29	1 7	10 46	0 50	18 7	0 29	13 23	0 46	13 53	1 50	21 4	13 27	16 8	16 29	7 10	3 13	5 15	
M16	9 52	9 21	2 12	9 12	0 40	16 11	0 7	2 10	1 7	10 42	0 50	18 7	0 29	13 24	0 46	13 52	1 50	21 4	13 26	16 9	16 30	7 8	3 12	5 16	
T 17	10 14	5 34	3 5	10 7	0 31	16 35	0 4	1 52	1 7	10 38	0 50	18 6	0 29	13 24	0 46	13 52	1 50	21 4	13 26	16 11	16 31	7 6	3 11	5 16	
W18	10 35	1 32	3 50	11 2	0 20	16 58	0 1	1 33	1 7	10 34	0 50	18 5	0 29	13 24	0 46	13 51	1 50	21 4	13 26	16 13	16 32	7 4	3 9	5 16	
T 19	10 56	2s36	4 26	11 56	0 10	17 21	0n 1	1 14	1 7	10 30	0 51	18 4	0 29	13 24	0 46	13 51	1 50	21 4	13 26	16 16	16 33	7 2	3 8	5 16	
F 20	11 17	6 40	4 50	12 49	0n 1	17 44	0 4	0 55	1 6	10 26	0 51	18 4	0 30	13 25	0 46	13 50	1 50	21 5	13 25	16 20	16 34	7 0	3 7	5 16	
S 21	11 37	10 31	5 0	13 42	0 11	18 6	0 6	0 37	1 6	10 22	0 51	18 3	0 30	13 25	0 46	13 50	1 50	21 5	13 25	16 24	16 34	6 58	3 6	5 17	
S 22	11 58	13 58	4 57	14 34	0 22	18 28	0 9	0 18	1 6	10 18	0 51	18 2	0 30	13 25	0 46	13 49	1 50	21 5	13 25	16 28	16 35	6 56	3 4	5 17	
M23	12 18	16 50	4 39	15 25	0 33	18 49	0 12	0n 1	1 6	10 15	0 51	18 2	0 30	13 25	0 46	13 49	1 50	21 5	13 25	16 31	16 36	6 54	3 3	5 17	
T 24	12 38	18 56	4 7	16 14	0 44	19 10	0 14	0 19	1 6	10 11	0 52	18 1	0 30	13 25	0 46	13 48	1 50	21 5	13 24	16 33	16 37	6 52	3 2	5 17	
W25	12 58	20 4	3 21	17 1	0 55	19 30	0 17	0 38	1 5	10 7	0 52	18 0	0 30	13 26	0 46	13 48	1 50	21 5	13 24	16 35	16 38	6 51	3 1	5 17	
T 26	13 17	20 8	2 24	17 47	1 5	19 50	0 20	0 56	1 5	10 3	0 52	18 0	0 30	13 26	0 46	13 47	1 50	21 5	13 24	16 36	16 39	6 49	3 0	5 17	
F 27	13 36	19 2	1 17	18 31	1 15	20 9	0 22	1 15	1 5	10 0	0 52	17 59	0 30	13 26	0 46	13 47	1 50	21 5	13 23	16 36	16 40	6 47	2 59	5 18	
S 28	13 56	16 48	0 5	19 13	1 25	20 28	0 25	1 34	1 5	9 56	0 52	17 59	0 31	13 26	0 46	13 46	1 50	21 5	13 23	16 36	16 41	6 45	2 58	5 18	
S 29	14 15	13 31	1s 9	19 52	1 34	20 46	0 28	1 52	1 4	9 52	0 53	17 58	0 31	13 26	0 46	13 46	1 50	21 5	13 23	16 36	16 42	6 43	2 56	5 18	
M30	14n33	9s22	2s20	20n29	1n43	21n 3	0n30	2n11	1s 4	9s49	0s53	17s58	0s31	13n26	0n46	13s45	1n50	21n 5	13n23	16n37	16n43	6n41	2s55	5n18	

ASTRODIENST EPHEMERIS for the year 1962

geocentric

MAY 1962

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 46	10♈ 8'40	26♋ 12	26♈ 4	3♊ 11	8♈ 44	7♋ 1	11♈ 3	26°R24	12°R11	7°R36	13°R58	13♌ 40	20♍ 23	9♋ 59	T 1
W 2	14 37 43	11° 6'54	10♈ 58	27°51	4°24	9°30	7°11	11° 5	26♌ 24	12♌ 9	7♍ 36	13♌ 51	13°36	20°29	10° 2	W 2
T 3	14 41 39	12° 5'07	25°48	29°34	5°37	10°16	7°21	11° 6	26°24	12° 8	7°35	13°42	13°33	20°36	10° 4	T 3
F 4	14 45 36	13° 3'19	10♈ 33	1♊ 14	6°50	11° 2	7°31	11° 8	26°D24	12° 6	7°35	13°30	13°30	20°43	10° 6	F 4
S 5	14 49 32	14° 1'29	25° 4	2°51	8° 4	11°48	7°41	11°10	26°24	12° 4	7°34	13°19	13°27	20°50	10° 9	S 5
S 6	14 53 29	14°59'37	9♊ 15	4°24	9°17	12°34	7°50	11°11	26°24	12° 3	7°34	13° 8	13°24	20°56	10°11	S 6
M 7	14 57 25	15°57'43	23° 2	5°53	10°30	13°20	7°59	11°13	26°24	12° 1	7°34	12°59	13°20	21° 3	10°13	M 7
T 8	15 1 22	16°55'48	6♊ 21	7°18	11°42	14° 6	8° 9	11°14	26°24	11°59	7°33	12°53	13°17	21°10	10°15	T 8
W 9	15 5 19	17°53'51	19°15	8°39	12°55	14°52	8°18	11°16	26°24	11°58	7°33	12°49	13°14	21°16	10°17	W 9
T 10	15 9 15	18°51'52	1♌ 45	9°56	14° 8	15°38	8°27	11°17	26°24	11°56	7°33	12°47	13°11	21°23	10°19	T 10
F 11	15 13 12	19°49'51	13°58	11° 9	15°21	16°24	8°35	11°18	26°25	11°55	7°32	12°47	13° 8	21°30	10°21	F 11
S 12	15 17 8	20°47'48	25°57	12°17	16°34	17° 9	8°44	11°19	26°25	11°53	7°32	12°47	13° 5	21°36	10°22	S 12
S 13	15 21 5	21°45'43	7♍ 48	13°22	17°47	17°55	8°53	11°20	26°26	11°51	7°32	12°46	13° 1	21°43	10°24	S 13
M14	15 25 1	22°43'36	19°37	14°22	18°59	18°41	9° 1	11°21	26°26	11°50	7°32	12°44	12°58	21°50	10°26	M14
T 15	15 28 58	23°41'28	1♌ 28	15°17	20°12	19°26	9°10	11°22	26°27	11°48	7°32	12°38	12°55	21°56	10°28	T 15
W16	15 32 54	24°39'18	13°26	16° 8	21°25	20°12	9°18	11°22	26°27	11°47	7°31	12°31	12°52	22° 3	10°29	W16
T 17	15 36 51	25°37'06	25°33	16°55	22°37	20°58	9°26	11°23	26°28	11°45	7°31	12°21	12°49	22°10	10°31	T 17
F 18	15 40 48	26°34'53	7♍ 52	17°37	23°50	21°43	9°34	11°23	26°29	11°43	7°31	12° 9	12°45	22°16	10°32	F 18
S 19	15 44 44	27°32'39	20°25	18°15	25° 2	22°28	9°41	11°23	26°29	11°42	7°D31	11°56	12°42	22°23	10°34	S 19
S 20	15 48 41	28°30'23	3♌ 12	18°47	26°15	23°14	9°49	11°24	26°30	11°40	7°31	11°44	12°39	22°30	10°35	S 20
M21	15 52 37	29°28'05	16°11	19°15	27°27	23°59	9°57	11°24	26°31	11°39	7°31	11°33	12°36	22°36	10°37	M21
T 22	15 56 34	0♊ 25'47	29°22	19°39	28°39	24°45	10° 4	11°R24	26°32	11°37	7°31	11°25	12°33	22°43	10°38	T 22
W23	16 0 30	1°23'27	12♈ 45	19°57	29°52	25°30	10°11	11°24	26°33	11°36	7°31	11°19	12°30	22°50	10°39	W23
T 24	16 4 27	2°21'06	26°18	20°11	1♌ 4	26°15	10°18	11°24	26°34	11°34	7°32	11°17	12°26	22°56	10°41	T 24
F 25	16 8 23	3°18'44	10♈ 1	20°19	2°16	27° 0	10°25	11°23	26°35	11°33	7°32	11°D16	12°23	23° 3	10°42	F 25
S 26	16 12 20	4°16'22	23°53	20°R23	3°28	27°45	10°32	11°23	26°36	11°31	7°32	11°16	12°20	23°10	10°43	S 26
S 27	16 16 17	5°13'58	7♋ 55	20°23	4°40	28°30	10°38	11°23	26°37	11°30	7°32	11°R16	12°17	23°16	10°44	S 27
M28	16 20 13	6°11'33	22° 7	20°18	5°53	29°15	10°45	11°22	26°39	11°28	7°32	11°15	12°14	23°23	10°45	M28
T 29	16 24 10	7° 9'07	6♈ 26	20° 8	7° 5	0° 0	10°51	11°21	26°40	11°27	7°33	11°12	12°11	23°30	10°46	T 29
W30	16 28 6	8° 6'41	20°50	19°55	8°17	0°45	10°57	11°21	26°41	11°25	7°33	11° 7	12° 7	23°36	10°47	W30
T 31	16 32 3	9♊ 4'14	5♈ 14	19♊ 37	9♌ 29	1♌ 30	11♋ 3	11♈ 20	26♌ 43	11♌ 24	7♍ 33	10♌ 59	12♌ 4	23♍ 43	10♋ 48	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n52	4s37	3s23	21n 4	1n51	21n20	0n33	2n29	1s 4	9s45	0s53	17s57	0s31	13n26	0n46	13s45
W 2	15 10	0n28	4 13	21 36	1 58	21 37	0 36	2 47	1 4	9 42	0 53	17 57	0 31	13 26	0 46	13 44
T 3	15 28	5 31	4 46	22 6	2 5	21 52	0 38	3 6	1 3	9 38	0 53	17 57	0 31	13 26	0 46	13 44
F 4	15 46	10 14	5 0	22 33	2 11	22 8	0 41	3 24	1 3	9 35	0 54	17 56	0 31	13 26	0 46	13 43
S 5	16 3	14 16	4 54	22 58	2 17	22 22	0 43	3 42	1 3	9 32	0 54	17 56	0 31	13 26	0 46	13 43
S 6	16 20	17 23	4 30	23 20	2 21	22 36	0 46	4 1	1 2	9 28	0 54	17 56	0 32	13 26	0 45	13 42
M 7	16 37	19 25	3 51	23 40	2 25	22 49	0 49	4 19	1 2	9 25	0 54	17 55	0 32	13 26	0 45	13 42
T 8	16 54	20 18	3 0	23 57	2 28	23 2	0 51	4 37	1 2	9 22	0 55	17 55	0 32	13 26	0 45	13 41
W 9	17 10	20 4	2 1	24 13	2 30	23 14	0 54	4 55	1 1	9 18	0 55	17 55	0 32	13 26	0 45	13 41
T 10	17 16	18 50	0 58	24 25	2 31	23 26	0 56	5 13	1 1	9 15	0 55	17 55	0 32	13 26	0 45	13 40
F 11	17 42	16 44	0n 6	24 36	2 31	23 36	0 58	5 31	1 1	9 12	0 55	17 54	0 32	13 25	0 45	13 40
S 12	17 57	13 57	1 9	24 45	2 30	23 46	1 1	5 49	1 0	9 9	0 55	17 54	0 32	13 25	0 45	13 39
S 13	18 13	10 38	2 8	24 51	2 28	23 56	1 3	6 6	1 0	9 6	0 56	17 54	0 32	13 25	0 45	13 39
M14	18 27	6 54	3 2	24 56	2 25	24 5	1 6	6 24	1 0	9 3	0 56	17 54	0 33	13 25	0 45	13 38
T 15	18 42	2 54	3 48	24 58	2 21	24 13	1 8	6 42	0 59	9 0	0 56	17 54	0 33	13 25	0 45	13 38
W16	18 56	1s15	4 24	24 59	2 16	24 20	1 10	6 59	0 59	8 57	0 56	17 54	0 33	13 24	0 45	13 38
T 17	19 10	5 24	4 48	24 58	2 11	24 27	1 13	7 17	0 59	8 55	0 57	17 54	0 33	13 24	0 45	13 37
F 18	19 24	9 24	5 0	24 55	2 4	24 33	1 15	7 34	0 58	8 52	0 57	17 54	0 33	13 24	0 45	13 37
S 19	19 37	13 4	4 58	24 51	1 56	24 38	1 17	7 51	0 58	8 49	0 57	17 54	0 33	13 24	0 45	13 36
S 20	19 50	16 12	4 41	24 45	1 47	24 42	1 19	8 8	0 57	8 47	0 57	17 54	0 33	13 23	0 45	13 36
M21	20 2	18 36	4 9	24 38	1 37	24 46	1 21	8 25	0 57	8 44	0 58	17 54	0 34	13 23	0 45	13 35
T 22	20 15	20 4	3 23	24 29	1 27	24 49	1 23	8 42	0 57	8 41	0 58	17 54	0 34	13 23	0 45	13 35
W23	20 27	20 25	2 25	24 19	1 15	24 52	1 25	8 59	0 56	8 39	0 58	17 54	0 34	13 22	0 45	13 34
T 24	20 38	19 36	1 19	24 7	1 3	24 53	1 27	9 16	0 56	8 36	0 58	17 54	0 34	13 22	0 45	13 34
F 25	20 49	17 38	0 7	23 54	0 49	24 54	1 29	9 33	0 55	8 34	0 59	17 55	0 34	13 21	0 45	13 33
S 26	21 0	14 37	1s 7	23 40	0 35	24 55	1 31	9 49	0 55	8 32	0 59	17 55	0 34	13 21	0 45	13 33
S 27	21 11	10 43	2 17	23 25	0 20	24 54	1 33	10 6	0 54	8 29	0 59	17 55	0 34	13 21	0 45	13 33
M28	21 21	6 11	3 20	23 9	0 4	24 53	1 34	10 22	0 54	8 27	0 59	17 55	0 35	13 20	0 45	13 32
T 29	21 30	1 17	4 10	22 52	0s12	24 51	1 36	10 39	0 53	8 25	1 0	17 56	0 35	13 20	0 45	13 32
W30	21 40	3n43	4 45	22 35	0 29	24 48	1 38	10 55	0 53	8 23	1 0	17 56	0 35	13 19	0 45	13 31
T 31	21n49	8n31	5s 2	22n16	0s46	24n45	1n39	11n11	0s52	8s21	1s 0	17s56	0s35	13n19	0n45	13s31

Julian Day Number = 2437785.5, Delta T = 34.15 sec
 Ecliptic obliquity = 23°26'33", Nutation = - 0°00'14", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°12'51", Lahiri = 23°19'51"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

JUNE 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 59	10 ^{II} 1'46	19 [♂] 34	19°R16	10 [♂] 40	2 [♂] 15	11 [♂] 9	11°R19	26 [♂] 44	11°R23	7 [♂] 34	10°R50	12 [♂] 1	23 [♂] 50	10 [♂] 48	F 1
S 2	16 39 56	10°59'17	3 ^{II} 43	18 ^{II} 52	11°52	3° 0	11°15	11 [♂] 18	26°45	11 [♂] 21	7°34	10 [♂] 40	11°58	23°56	10°49	S 2
S 3	16 43 52	11°56'47	17°36	18°25	13° 4	3°44	11°20	11°17	26°47	11°20	7°34	10°31	11°55	24° 3	10°50	S 3
M 4	16 47 49	12°54'16	1 [♂] 9	17°56	14°16	4°29	11°25	11°16	26°49	11°19	7°35	10°24	11°51	24°10	10°50	M 4
T 5	16 51 46	13°51'44	14°21	17°24	15°28	5°14	11°31	11°14	26°50	11°17	7°35	10°19	11°48	24°17	10°51	T 5
W 6	16 55 42	14°49'11	27°10	16°52	16°39	5°58	11°36	11°13	26°52	11°16	7°36	10°16	11°45	24°23	10°51	W 6
T 7	16 59 39	15°46'37	9 [♂] 40	16°18	17°51	6°43	11°40	11°11	26°54	11°15	7°36	10°D15	11°42	24°30	10°52	T 7
F 8	17 3 35	16°44'01	21°53	15°45	19° 2	7°27	11°45	11°10	26°55	11°13	7°37	10°16	11°39	24°37	10°52	F 8
S 9	17 7 32	17°41'25	3 [♂] 53	15°12	20°14	8°12	11°49	11° 8	26°57	11°12	7°38	10°17	11°36	24°43	10°53	S 9
S 10	17 11 28	18°38'47	15°46	14°39	21°25	8°56	11°54	11° 6	26°59	11°11	7°38	10°R17	11°32	24°50	10°53	S 10
M11	17 15 25	19°36'09	27°36	14° 9	22°37	9°40	11°58	11° 5	27° 1	11°10	7°39	10°17	11°29	24°57	10°53	M11
T 12	17 19 21	20°33'29	9 [♂] 30	13°40	23°48	10°24	12° 2	11° 3	27° 3	11° 9	7°40	10°15	11°26	25° 3	10°53	T 12
W13	17 23 18	21°30'49	21°30	13°14	24°59	11° 8	12° 5	11° 1	27° 5	11° 7	7°40	10°11	11°23	25°10	10°53	W13
T 14	17 27 15	22°28'07	3 [♂] 43	12°51	26°10	11°52	12° 9	10°59	27° 7	11° 6	7°41	10° 5	11°20	25°17	10°R53	T 14
F 15	17 31 11	23°25'25	16°10	12°31	27°22	12°36	12°12	10°56	27° 9	11° 5	7°42	9°58	11°17	25°23	10°53	F 15
S 16	17 35 8	24°22'42	28°54	12°15	28°33	13°20	12°16	10°54	27°11	11° 4	7°43	9°50	11°13	25°30	10°53	S 16
S 17	17 39 4	25°19'58	11 [♂] 55	12° 2	29°44	14° 4	12°19	10°52	27°13	11° 3	7°44	9°43	11°10	25°37	10°53	S 17
M18	17 43 1	26°17'14	25°14	11°54	0 [♂] 55	14°48	12°21	10°49	27°15	11° 2	7°44	9°36	11° 7	25°43	10°53	M18
T 19	17 46 57	27°14'29	8 [♂] 47	11°D51	2° 6	15°32	12°24	10°47	27°18	11° 1	7°45	9°31	11° 4	25°50	10°53	T 19
W20	17 50 54	28°11'43	22°34	11°51	3°16	16°15	12°27	10°44	27°20	11° 0	7°46	9°28	11° 1	25°57	10°52	W20
T 21	17 54 51	29° 8'58	6 [♂] 31	11°57	4°27	16°59	12°29	10°41	27°22	10°59	7°47	9°D27	10°57	26° 3	10°52	T 21
F 22	17 58 47	0 [♂] 6'12	20°35	12° 7	5°38	17°43	12°31	10°39	27°25	10°58	7°48	9°27	10°54	26°10	10°52	F 22
S 23	18 2 44	1° 3'26	4 [♂] 44	12°22	6°48	18°26	12°33	10°36	27°27	10°57	7°49	9°28	10°51	26°17	10°51	S 23
S 24	18 6 40	2° 0'39	18°56	12°41	7°59	19°10	12°35	10°33	27°30	10°56	7°50	9°30	10°48	26°23	10°51	S 24
M25	18 10 37	2°57'53	3 [♂] 8	13° 5	9° 9	19°53	12°36	10°30	27°32	10°55	7°51	9°R30	10°45	26°30	10°50	M25
T 26	18 14 33	3°55'06	17°18	13°34	10°20	20°36	12°37	10°27	27°35	10°55	7°52	9°30	10°42	26°37	10°49	T 26
W27	18 18 30	4°52'20	1 [♂] 26	14° 8	11°30	21°20	12°39	10°24	27°37	10°54	7°53	9°27	10°38	26°44	10°49	W27
T 28	18 22 26	5°49'34	15°27	14°46	12°40	22° 3	12°40	10°21	27°40	10°53	7°55	9°24	10°35	26°50	10°48	T 28
F 29	18 26 23	6°46'48	29°20	15°28	13°50	22°46	12°40	10°17	27°43	10°52	7°56	9°19	10°32	26°57	10°47	F 29
S 30	18 30 20	7°44'01	13 ^{II} 2	16 ^{II} 15	15° 1	23 [♂] 29	12 [♂] 41	10°14	27°45	10 [♂] 51	7°57	9°14	10°29	27° 4	10°46	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21n57	12n48	5s 0	21n57	1s 3	24n41	1n41	11n27	0s52	8s19	1s 1	17s57	0s35	13n18	0n44	13s31	1n50
S 2	22 6	16 19	4 40	21 38	1 21	24 36	1 42	11 42	0 51	8 17	1 1	17 57	0 35	13 18	0 44	13 30	1 50
S 3	22 13	18 50	4 3	21 18	1 38	24 31	1 43	11 58	0 51	8 15	1 1	17 58	0 35	13 17	0 44	13 30	1 50
M 4	22 21	20 13	3 13	20 59	1 55	24 25	1 45	12 14	0 50	8 14	1 1	17 58	0 35	13 16	0 44	13 29	1 50
T 5	22 28	20 27	2 14	20 39	2 12	24 18	1 46	12 29	0 50	8 12	1 2	17 59	0 36	13 16	0 44	13 29	1 49
W 6	22 35	19 35	1 10	20 20	2 28	24 10	1 47	12 44	0 49	8 10	1 2	17 59	0 36	13 15	0 44	13 29	1 49
T 7	22 41	17 47	0 3	20 1	2 44	24 2	1 48	12 59	0 49	8 9	1 2	18 0	0 36	13 15	0 44	13 28	1 49
F 8	22 47	15 12	1n 2	19 43	2 59	23 53	1 49	13 14	0 48	8 7	1 2	18 0	0 36	13 14	0 44	13 28	1 49
S 9	22 52	12 0	2 4	19 25	3 13	23 44	1 50	13 29	0 48	8 6	1 3	18 1	0 36	13 13	0 44	13 28	1 49
S 10	22 57	8 22	2 59	19 9	3 26	23 34	1 51	13 44	0 47	8 4	1 3	18 1	0 36	13 13	0 44	13 27	1 49
M11	23 2	4 25	3 47	18 54	3 37	23 23	1 52	13 58	0 47	8 3	1 3	18 2	0 36	13 12	0 44	13 27	1 49
T 12	23 6	0 18	4 25	18 40	3 48	23 11	1 52	14 13	0 46	8 2	1 4	18 3	0 37	13 11	0 44	13 27	1 49
W13	23 10	3s52	4 52	18 28	3 57	22 59	1 53	14 27	0 46	8 1	1 4	18 3	0 37	13 11	0 44	13 26	1 49
T 14	23 14	7 57	5 6	18 17	4 5	22 46	1 53	14 41	0 45	8 0	1 4	18 4	0 37	13 10	0 44	13 26	1 49
F 15	23 17	11 47	5 6	18 9	4 11	22 33	1 54	14 55	0 44	7 59	1 4	18 5	0 37	13 9	0 44	13 26	1 49
S 16	23 19	15 11	4 51	18 1	4 17	22 19	1 54	15 9	0 44	7 58	1 5	18 6	0 37	13 8	0 44	13 25	1 49
S 17	23 22	17 54	4 21	17 56	4 20	22 5	1 55	15 23	0 43	7 57	1 5	18 6	0 37	13 8	0 44	13 25	1 49
M18	23 23	19 45	3 36	17 53	4 23	21 49	1 55	15 36	0 43	7 56	1 5	18 7	0 37	13 7	0 44	13 25	1 49
T 19	23 25	20 31	2 38	17 51	4 24	21 34	1 55	15 49	0 42	7 55	1 6	18 8	0 37	13 6	0 44	13 24	1 49
W20	23 26	20 4	1 30	17 51	4 24	21 17	1 55	16 3	0 41	7 54	1 6	18 9	0 38	13 5	0 44	13 24	1 49
T 21	23 26	18 23	0 16	17 53	4 22	21 1	1 55	16 16	0 41	7 54	1 6	18 10	0 38	13 4	0 44	13 24	1 49
F 22	23 27	15 35	1s 0	17 57	4 20	20 43	1 55	16 28	0 40	7 53	1 6	18 11	0 38	13 3	0 44	13 24	1 49
S 23	23 26	11 50	2 13	18 3	4 16	20 25	1 54	16 41	0 39	7 53	1 7	18 11	0 38	13 3	0 44	13 23	1 49
S 24	23 26	7 25	3 18	18 10	4 12	20 7	1 54	16 54	0 39	7 52	1 7	18 12	0 38	13 2	0 44	13 23	1 49
M25	23 25	2 36	4 11	18 18	4 6	19 48	1 54	17 6	0 38	7 52	1 7	18 13	0 38	13 1	0 44	13 23	1 49
T 26	23 23	2n21	4 49	18 28	4 0	19 28	1 53	17 18	0 38	7 52	1 8	18 14	0 38	13 0	0 44	13 23	1 49
W27	23 21	7 9	5 9	18 39	3 52	19 8	1 53	17 30	0 37	7 52	1 8	18 15	0 39	12 59	0 44	13 23	1 49
T 28	23 19	11 31	5 10	18 51	3 44	18 48	1 52	17 42	0 36	7 52	1 8	18 16	0 39	12 58	0 44	13 22	1 49
F 29	23 16	15 14	4 53	19 5	3 36	18 27	1 51	17 53	0 36	7 52	1 9	18 17	0 39	12 57	0 44	13 22	1 48
S 30	23n13	18n 4	4s19	19n19	3s26	18n 5	1n50	18n 5	0s35	7s52	1s 9	18s18	0s39	12n56	0n44	13s22	1n48

Julian Day Number = 2437816.5, Delta T = 34.19 sec
 Ecliptic obliquity = 23°26'32", Nutation = - 0°00'14", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°12'55", Lahiri = 23°19'56"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

JULY 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 16	8♂41'15	26♂30	17♂ 7	16♂11	24♂12	12♂41	10°R11	27♂48	10°R51	7♂58	9°R10	10♂26	27♂10	10°R45	S 1
M 2	18 38 13	9°38'29	9♂42	18° 3	17°21	24°55	12°R41	10° 7	27°51	10♂50	7°59	9♂ 6	10°23	27°17	10°R45	M 2
T 3	18 42 9	10°35'43	22°38	19° 3	18°30	25°38	12°41	10° 4	27°54	10°49	8° 1	9° 4	10°19	27°24	10°44	T 3
W 4	18 46 6	11°32'56	5♂17	20° 7	19°40	26°20	12°41	10° 0	27°56	10°49	8° 2	9°D 3	10°16	27°30	10°42	W 4
T 5	18 50 2	12°30'10	17°39	21°15	20°50	27° 3	12°41	9°56	27°59	10°48	8° 3	9° 3	10°13	27°37	10°41	T 5
F 6	18 53 59	13°27'23	29°49	22°28	22° 0	27°46	12°40	9°53	28° 2	10°48	8° 5	9° 4	10°10	27°44	10°40	F 6
S 7	18 57 55	14°24'36	11♂48	23°44	23° 9	28°28	12°39	9°49	28° 5	10°47	8° 6	9° 6	10° 7	27°50	10°39	S 7
S 8	19 1 52	15°21'49	23°41	25° 5	24°19	29°11	12°38	9°45	28° 8	10°47	8° 7	9° 7	10° 3	27°57	10°38	S 8
M 9	19 5 49	16°19'01	5♂32	26°29	25°28	29°53	12°37	9°41	28°11	10°46	8° 9	9° 8	10° 0	28° 4	10°36	M 9
T 10	19 9 45	17°16'14	17°26	27°58	26°37	0♂36	12°36	9°37	28°14	10°46	8°10	9°R 9	9°57	28°10	10°35	T 10
W11	19 13 42	18°13'26	29°27	29°30	27°46	1°18	12°34	9°33	28°17	10°45	8°12	9° 8	9°54	28°17	10°34	W11
T 12	19 17 38	19°10'39	11♂40	1♂ 6	28°55	2° 0	12°32	9°29	28°20	10°45	8°13	9° 7	9°51	28°24	10°32	T 12
F 13	19 21 35	20° 7'51	24°10	2°45	0♂ 4	2°42	12°30	9°25	28°23	10°45	8°14	9° 5	9°48	28°31	10°31	F 13
S 14	19 25 31	21° 5'04	6♂59	4°28	1°13	3°24	12°28	9°21	28°26	10°44	8°16	9° 2	9°44	28°37	10°29	S 14
S 15	19 29 28	22° 2'16	20° 9	6°15	2°22	4° 6	12°26	9°17	28°30	10°44	8°17	9° 0	9°41	28°44	10°27	S 15
M16	19 33 24	22°59'29	3♂41	8° 4	3°30	4°48	12°23	9°13	28°33	10°44	8°19	8°58	9°38	28°51	10°26	M16
T 17	19 37 21	23°56'42	17°33	9°57	4°39	5°30	12°21	9° 9	28°36	10°44	8°21	8°56	9°35	28°57	10°24	T 17
W18	19 41 18	24°53'56	1♂43	11°52	5°47	6°12	12°18	9° 4	28°39	10°43	8°22	8°56	9°32	29° 4	10°22	W18
T 19	19 45 14	25°51'10	16° 6	13°50	6°56	6°53	12°15	9° 0	28°43	10°43	8°24	8°D56	9°29	29°11	10°20	T 19
F 20	19 49 11	26°48'24	0♂36	15°50	8° 4	7°35	12°11	8°56	28°46	10°43	8°25	8°56	9°25	29°17	10°19	F 20
S 21	19 53 7	27°45'39	15° 9	17°52	9°12	8°16	12° 8	8°52	28°49	10°43	8°27	8°57	9°22	29°24	10°17	S 21
S 22	19 57 4	28°42'55	29°40	19°56	10°20	8°58	12° 4	8°47	28°53	10°43	8°29	8°58	9°19	29°31	10°15	S 22
M23	20 1 0	29°40'11	14° 3	22° 1	11°27	9°39	12° 1	8°43	28°56	10°D43	8°30	8°59	9°16	29°37	10°13	M23
T 24	20 4 57	0♂37'29	28°16	24° 7	12°35	10°21	11°57	8°39	28°59	10°43	8°32	8°R59	9°13	29°44	10°11	T 24
W25	20 8 53	1°34'47	12♂17	26°13	13°43	11° 2	11°52	8°34	29° 3	10°43	8°34	8°59	9° 9	29°51	10° 9	W25
T 26	20 12 50	2°32'07	26° 3	28°20	14°50	11°43	11°48	8°30	29° 6	10°43	8°36	8°58	9° 6	29°58	10° 7	T 26
F 27	20 16 47	3°29'27	9♂36	0♂27	15°57	12°24	11°44	8°25	29°10	10°43	8°37	8°58	9° 3	0♂ 4	10° 5	F 27
S 28	20 20 43	4°26'49	22°54	2°34	17° 5	13° 5	11°39	8°21	29°13	10°43	8°39	8°57	9° 0	0°11	10° 2	S 28
S 29	20 24 40	5°24'11	5♂57	4°41	18°12	13°46	11°34	8°16	29°17	10°44	8°41	8°57	8°57	0°18	10° 0	S 29
M30	20 28 36	6°21'34	18°57	6°46	19°18	14°27	11°29	8°12	29°20	10°44	8°43	8°56	8°54	0°24	9°58	M30
T 31	20 32 33	7♂18'58	1♂23	8♂51	20♂25	15♂ 7	11♂24	8° 8	29♂24	10♂44	8♂44	8♂56	8♂50	0♂31	9♂56	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 9	19n52	3s32	19n34	3s16	17n44	1n49	18n16	0s34	7s52	1s 9	18s19	0s39	12n55	0n44	13s22
M 2	23 6	20 32	2 34	19 49	3 6	17 21	1 48	18 27	0 34	7 52	1 9	18 20	0 39	12 54	0 43	13 22
T 3	23 1	20 5	1 29	20 6	2 54	16 59	1 47	18 38	0 33	7 52	1 10	18 21	0 39	12 53	0 43	13 22
W 4	22 56	18 37	0 21	20 22	2 43	16 35	1 46	18 49	0 32	7 53	1 10	18 23	0 39	12 52	0 43	13 21
T 5	22 51	16 18	0n47	20 38	2 31	16 12	1 44	18 59	0 32	7 53	1 10	18 24	0 39	12 51	0 43	13 21
F 6	22 46	13 17	1 52	20 55	2 19	15 48	1 43	19 10	0 31	7 54	1 11	18 25	0 40	12 50	0 43	13 21
S 7	22 40	9 46	2 51	21 11	2 6	15 24	1 41	19 20	0 30	7 54	1 11	18 26	0 40	12 49	0 43	13 21
S 8	22 33	5 54	3 41	21 27	1 54	14 59	1 40	19 30	0 29	7 55	1 11	18 27	0 40	12 48	0 43	13 21
M 9	22 27	1 49	4 23	21 43	1 41	14 34	1 38	19 40	0 29	7 56	1 12	18 28	0 40	12 47	0 43	13 21
T 10	22 20	2s20	4 53	21 58	1 28	14 9	1 36	19 49	0 28	7 56	1 12	18 29	0 40	12 46	0 43	13 21
W11	22 12	6 26	5 11	22 12	1 15	13 43	1 34	19 59	0 27	7 57	1 12	18 30	0 40	12 45	0 43	13 21
T 12	22 4	10 20	5 15	22 25	1 2	13 17	1 32	20 8	0 26	7 58	1 12	18 32	0 40	12 44	0 43	13 21
F 13	21 56	13 54	5 4	22 36	0 49	12 51	1 30	20 17	0 26	7 59	1 13	18 33	0 40	12 43	0 43	13 21
S 14	21 47	16 54	4 39	22 46	0 36	12 24	1 28	20 26	0 25	8 0	1 13	18 34	0 41	12 42	0 43	13 21
S 15	21 38	19 7	3 58	22 54	0 23	11 58	1 25	20 34	0 24	8 1	1 13	18 35	0 41	12 40	0 43	13 21
M16	21 29	20 21	3 3	23 1	0 11	11 30	1 23	20 43	0 23	8 3	1 14	18 36	0 41	12 39	0 43	13 21
T 17	21 19	20 23	1 56	23 5	0n 1	11 3	1 20	20 51	0 23	8 4	1 14	18 38	0 41	12 38	0 43	13 21
W18	21 9	19 8	0 40	23 7	0 13	10 36	1 18	20 59	0 22	8 5	1 14	18 39	0 41	12 37	0 43	13 21
T 19	20 59	16 39	0s40	23 7	0 24	10 8	1 15	21 7	0 21	8 7	1 14	18 40	0 41	12 36	0 43	13 21
F 20	20 48	13 5	1 57	23 4	0 34	9 40	1 12	21 14	0 20	8 8	1 15	18 41	0 41	12 35	0 43	13 21
S 21	20 37	8 44	3 7	22 59	0 44	9 11	1 9	21 22	0 20	8 10	1 15	18 43	0 41	12 34	0 43	13 21
S 22	20 25	3 53	4 6	22 51	0 54	8 43	1 6	21 29	0 19	8 12	1 15	18 44	0 41	12 32	0 43	13 21
M23	20 13	1n 7	4 48	22 40	1 2	8 14	1 3	21 36	0 18	8 13	1 15	18 45	0 41	12 31	0 43	13 21
T 24	20 1	6 0	5 11	22 27	1 10	7 45	1 0	21 43	0 17	8 15	1 16	18 46	0 42	12 30	0 43	13 21
W25	19 49	10 30	5 16	22 10	1 17	7 16	0 56	21 50	0 16	8 17	1 16	18 48	0 42	12 29	0 43	13 21
T 26	19 36	14 22	5 3	21 52	1 24	6 47	0 53	21 56	0 16	8 19	1 16	18 49	0 42	12 28	0 43	13 21
F 27	19 23	17 24	4 33	21 30	1 29	6 18	0 49	22 2	0 15	8 21	1 17	18 50	0 42	12 26	0 43	13 21
S 28	19 9	19 27	3 49	21 7	1 34	5 49	0 46	22 8	0 14	8 23	1 17	18 51	0 42	12 25	0 43	13 21
S 29	18 55	20 26	2 53	20 41	1 38	5 19	0 42	22 14	0 13	8 25	1 17	18 53	0 42	12 24	0 43	13 21
M30	18 41	20 19	1 50	20 13	1 41	4 49	0 38	22 20	0 12	8 27	1 17	18 54	0 42	12 23	0 43	13 21
T 31	18n27	19n10	0s42	19n43	1n44	4n20	0n35	22n25	0s12	8s29	1s18	18s55	0s42	12n21	0n43	13s21

Julian Day Number = 2437846.5, Delta T = 34.22 sec
 Ecliptic obliquity = 23°26'32", Nutation = - 0°00'13", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°12'59", Lahiri = 23°20'00"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

AUGUST 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 36 29	8♌16'23	13♌47	10♌55	21♍32	15♌48	11♌19	8♌R 3	29♌27	10♌44	8♌46	8♌D56	8♌47	0♌38	9♌R53	W 1
T 2	20 40 26	9♌13'49	25♌59	12♌58	22♌38	16♌29	11♌13	7♌59	29♌31	10♌45	8♌48	8♌R56	8♌44	0♌44	9♌R51	T 2
F 3	20 44 22	10♌11'15	8♌12	15♌0	23♌44	17♌9	11♌7	7♌54	29♌34	10♌45	8♌50	8♌D56	8♌41	0♌51	9♌49	F 3
S 4	20 48 19	11♌8'43	19♌58	17♌0	24♌50	17♌50	11♌2	7♌50	29♌38	10♌45	8♌52	8♌56	8♌38	0♌58	9♌46	S 4
S 5	20 52 16	12♌6'11	1♌50	18♌59	25♌56	18♌30	10♌56	7♌45	29♌42	10♌46	8♌54	8♌56	8♌35	1♌4	9♌44	S 5
M 6	20 56 12	13♌3'39	13♌40	20♌56	27♌2	19♌10	10♌50	7♌41	29♌45	10♌46	8♌56	8♌55	8♌31	1♌11	9♌41	M 6
T 7	21 0 9	14♌1'09	25♌33	22♌52	28♌8	19♌50	10♌44	7♌36	29♌49	10♌46	8♌58	8♌55	8♌28	1♌18	9♌39	T 7
W 8	21 4 5	14♌58'39	7♌33	24♌46	29♌13	20♌30	10♌37	7♌32	29♌52	10♌47	8♌59	8♌55	8♌25	1♌25	9♌36	W 8
T 9	21 8 2	15♌56'10	19♌45	26♌39	0♌18	21♌10	10♌31	7♌28	29♌56	10♌47	9♌1	8♌D54	8♌22	1♌31	9♌34	T 9
F 10	21 11 58	16♌53'43	2♌12	28♌31	1♌23	21♌50	10♌24	7♌23	29♌59	10♌48	9♌3	8♌55	8♌19	1♌38	9♌31	F 10
S 11	21 15 55	17♌51'15	14♌59	0♌21	2♌28	22♌30	10♌18	7♌19	0♌3	10♌49	9♌5	8♌55	8♌15	1♌45	9♌29	S 11
S 12	21 19 51	18♌48'49	28♌10	2♌9	3♌33	23♌9	10♌11	7♌14	0♌7	10♌49	9♌7	8♌56	8♌12	1♌51	9♌26	S 12
M13	21 23 48	19♌46'24	11♌34	3♌56	4♌37	23♌49	10♌4	7♌10	0♌11	10♌50	9♌9	8♌57	8♌9	1♌58	9♌23	M13
T14	21 27 45	20♌44'00	25♌46	5♌41	5♌41	24♌29	9♌57	7♌6	0♌15	10♌51	9♌11	8♌58	8♌6	2♌5	9♌21	T14
W15	21 31 41	21♌41'37	10♌10	7♌25	6♌45	25♌8	9♌50	7♌2	0♌18	10♌51	9♌13	8♌R58	8♌3	2♌11	9♌18	W15
T16	21 35 38	22♌39'15	24♌52	9♌7	7♌49	25♌47	9♌43	6♌57	0♌22	10♌52	9♌15	8♌58	8♌0	2♌18	9♌15	T16
F17	21 39 34	23♌36'54	9♌47	10♌48	8♌53	26♌27	9♌36	6♌53	0♌26	10♌53	9♌17	8♌57	7♌56	2♌25	9♌13	F17
S18	21 43 31	24♌34'34	24♌46	12♌27	9♌56	27♌6	9♌28	6♌49	0♌30	10♌54	9♌19	8♌55	7♌53	2♌32	9♌10	S18
S19	21 47 27	25♌32'16	9♌40	14♌5	10♌59	27♌45	9♌21	6♌45	0♌33	10♌54	9♌21	8♌53	7♌50	2♌38	9♌7	S19
M20	21 51 24	26♌30'00	24♌22	15♌42	12♌2	28♌24	9♌13	6♌41	0♌37	10♌55	9♌23	8♌51	7♌47	2♌45	9♌4	M20
T21	21 55 20	27♌27'45	8♌46	17♌17	13♌4	29♌3	9♌6	6♌37	0♌41	10♌56	9♌25	8♌49	7♌44	2♌52	9♌1	T21
W22	21 59 17	28♌25'32	22♌50	18♌50	14♌7	29♌41	8♌58	6♌33	0♌44	10♌57	9♌27	8♌D49	7♌40	2♌58	8♌59	W22
T23	22 3 14	29♌23'21	6♌33	20♌23	15♌8	0♌50	8♌50	6♌29	0♌48	10♌58	9♌29	8♌49	7♌37	3♌5	8♌56	T23
F24	22 7 10	0♌21'12	19♌54	21♌53	16♌10	0♌59	8♌43	6♌25	0♌52	10♌59	9♌31	8♌50	7♌34	3♌12	8♌53	F24
S25	22 11 7	1♌19'04	2♌56	23♌23	17♌12	1♌37	8♌35	6♌21	0♌56	11♌0	9♌34	8♌51	7♌31	3♌18	8♌50	S25
S26	22 15 3	2♌16'58	15♌41	24♌51	18♌13	2♌15	8♌27	6♌17	1♌0	11♌1	9♌36	8♌52	7♌28	3♌25	8♌47	S26
M27	22 19 0	3♌14'54	28♌12	26♌17	19♌14	2♌54	8♌19	6♌14	1♌3	11♌2	9♌38	8♌54	7♌25	3♌32	8♌44	M27
T28	22 22 56	4♌12'51	10♌21	27♌42	20♌14	3♌32	8♌11	6♌10	1♌7	11♌3	9♌40	8♌R54	7♌21	3♌39	8♌42	T28
W29	22 26 53	5♌10'50	22♌40	29♌6	21♌14	4♌10	8♌3	6♌6	1♌11	11♌4	9♌42	8♌53	7♌18	3♌45	8♌39	W29
T30	22 30 49	6♌8'51	4♌42	0♌28	22♌14	4♌48	7♌56	6♌3	1♌15	11♌6	9♌44	8♌51	7♌15	3♌52	8♌36	T30
F31	22 34 46	7♌6'53	16♌38	1♌48	23♌14	5♌26	7♌48	5♌59	1♌18	11♌7	9♌46	8♌D48	7♌D12	3♌59	8♌33	F31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n12	17n 7	0n27	19n11	1n45	3n50	0n31	22n30	0s11	8s31	1s18	18s56	0s42	12n20	0n43	13s22
T 2	17 57	14 19	1 33	18 37	1 46	3 20	0 27	22 35	0 10	8 34	1 18	18 57	0 42	12 19	0 43	13 22
F 3	17 42	10 57	2 35	18 2	1 46	2 50	0 22	22 40	0 9	8 36	1 18	18 59	0 42	12 18	0 43	13 22
S 4	17 26	7 10	3 29	17 26	1 46	2 20	0 18	22 45	0 8	8 38	1 19	19 0	0 43	12 16	0 43	13 22
S 5	17 10	3 9	4 13	16 48	1 45	1 50	0 14	22 49	0 7	8 41	1 19	19 1	0 43	12 15	0 43	13 22
M 6	16 54	0s59	4 47	16 9	1 43	1 19	0 10	22 54	0 6	8 43	1 19	19 2	0 43	12 14	0 43	13 22
T 7	16 37	5 5	5 9	15 29	1 41	0 49	0 5	22 58	0 6	8 46	1 19	19 4	0 43	12 12	0 43	13 23
W 8	16 21	9 2	5 17	14 49	1 38	0 19	0 0	23 1	0 5	8 49	1 19	19 5	0 43	12 11	0 43	13 23
T 9	16 4	12 40	5 11	14 7	1 35	0s11	0s 4	23 5	0 4	8 51	1 20	19 6	0 43	12 10	0 43	13 23
F 10	15 46	15 51	4 51	13 25	1 31	0 41	0 9	23 8	0 3	8 54	1 20	19 7	0 43	12 9	0 43	13 23
S 11	15 29	18 21	4 17	12 43	1 27	1 12	0 14	23 12	0 2	8 57	1 20	19 8	0 43	12 7	0 43	13 23
S 12	15 11	19 58	3 27	12 0	1 22	1 42	0 19	23 15	0 1	8 59	1 20	19 10	0 43	12 6	0 43	13 24
M13	14 53	20 31	2 25	11 16	1 17	2 12	0 24	23 18	0 0	9 2	1 20	19 11	0 43	12 5	0 43	13 24
T14	14 35	19 48	1 12	10 33	1 12	2 42	0 29	23 20	0n 1	9 5	1 21	19 12	0 43	12 3	0 43	13 24
W15	14 17	17 48	0s 7	9 49	1 6	3 12	0 34	23 23	0 1	9 8	1 21	19 13	0 43	12 2	0 43	13 25
T16	13 58	14 36	1 27	9 5	1 0	3 42	0 39	23 25	0 2	9 11	1 21	19 14	0 43	12 1	0 43	13 25
F17	13 39	10 24	2 42	8 21	0 54	4 12	0 44	23 27	0 3	9 14	1 21	19 15	0 43	11 59	0 43	13 25
S18	13 20	5 33	3 47	7 37	0 47	4 42	0 49	23 29	0 4	9 17	1 21	19 16	0 44	11 58	0 43	13 25
S19	13 1	0 24	4 36	6 53	0 40	5 11	0 55	23 31	0 5	9 19	1 21	19 17	0 44	11 57	0 43	13 26
M20	12 41	4n42	5 6	6 9	0 33	5 41	1 0	23 32	0 6	9 22	1 22	19 19	0 44	11 55	0 43	13 26
T21	12 21	9 26	5 16	5 25	0 25	6 10	1 6	23 33	0 7	9 25	1 22	19 20	0 44	11 54	0 43	13 26
W22	12 1	13 33	5 6	4 41	0 18	6 40	1 11	23 34	0 8	9 28	1 22	19 21	0 44	11 53	0 43	13 27
T23	11 41	16 49	4 40	3 58	0 10	7 9	1 17	23 35	0 9	9 31	1 22	19 22	0 44	11 51	0 43	13 27
F24	11 21	19 6	3 58	3 15	0 2	7 38	1 23	23 36	0 10	9 34	1 22	19 23	0 44	11 50	0 43	13 27
S25	11 0	20 19	3 5	2 32	0s 6	8 7	1 28	23 37	0 11	9 37	1 22	19 24	0 44	11 49	0 43	13 28
S26	10 40	20 28	2 4	1 49	0 15	8 36	1 34	23 37	0 12	9 41	1 22	19 25	0 44	11 47	0 43	13 28
M27	10 19	19 34	0 59	1 7	0 23	9 4	1 40	23 37	0 13	9 44	1 23	19 26	0 44	11 46	0 43	13 29
T28	9 58	17 45	0n 9	0 26	0 32	9 33	1 46	23 37	0 14	9 47	1 23	19 27	0 44	11 45	0 43	13 29
W29	9 37	15 8	1 15	0s15	0 40	10 1	1 52	23 37	0 15	9 50	1 23	19 28	0 44	11 43	0 43	13 29
T30	9 15	11 55	2 17	0 56	0 49	10 29	1 58	23 37	0 16	9 53	1 23	19 29	0 44	11 42	0 43	13 30
F31	8n54	8n13	3n12	1s36	0s58	10s57	2s 4	23n36	0n17	9s56	1s23	19s29	0s44	11n41	0n43	13s30

Julian Day Number = 2437877.5, Delta T = 34.26 sec
 Ecliptic obliquity = 23°26'33", Nutation = - 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°13'03", Lahiri = 23°20'04"

ASTRODIENST EPHEMERIS for the year 1962

geocentric

SEPTEMBER 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 42	8 ^h 45 ^m 7 ^s	28 ^h 31 ^m	3 ^h 7 ^m	24 ^h 13 ^m	6 ^h 3 ^m	7 ^h 40 ^m	5 ^h 56 ^m	1 ^h 22 ^m	11 ^h 8 ^m	9 ^h 48 ^m	8 ^h 43 ^m	7 ^h 9 ^m	4 ^h 5 ^m	8 ^h 30 ^m	S 1
S 2	22 42 39	9° 3'02"	10 ^h 21 ^m	4° 24'	25° 12'	6° 41'	7 ^h 32 ^m	5 ^h 53 ^m	1° 26'	11° 9'	9° 50'	8 ^h 38 ^m	7° 6'	4° 12'	8 ^h 27 ^m	S 2
M 3	22 46 36	10° 1'09"	22° 12'	5° 40'	26° 10'	7° 18'	7° 24'	5° 49'	1° 29'	11° 11'	9° 52'	8° 32'	7° 2'	4° 19'	8° 24'	M 3
T 4	22 50 32	10° 59'17"	4 ^h 11 ^m 5 ^s	6° 54'	27° 8'	7° 56'	7° 16'	5° 46'	1° 33'	11° 12'	9° 54'	8° 27'	6° 59'	4° 25'	8° 21'	T 4
W 5	22 54 29	11° 57'27"	16° 5'	8° 6'	28° 6'	8° 33'	7° 8'	5° 43'	1° 37'	11° 13'	9° 56'	8° 23'	6° 56'	4° 32'	8° 19'	W 5
T 6	22 58 25	12° 55'39"	28° 15'	9° 16'	29° 3'	9° 10'	7° 0'	5° 40'	1° 41'	11° 15'	9° 58'	8° 20'	6° 53'	4° 39'	8° 16'	T 6
F 7	23 2 22	13° 53'51"	10 ^h 38 ^m	10° 24'	29° 59'	9° 47'	6° 52'	5° 37'	1° 44'	11° 16'	10° 1'	8° 19'	6° 50'	4° 46'	8° 13'	F 7
S 8	23 6 18	14° 52'06"	23° 20'	11° 30'	0 ^h 11 ^m 56 ^s	10° 24'	6° 45'	5° 34'	1° 48'	11° 17'	10° 3'	8° 20'	6° 46'	4° 52'	8° 10'	S 8
S 9	23 10 15	15° 50'22"	6 ^h 33 ^m 24 ^s	12° 33'	1° 52'	11° 1'	6° 37'	5° 31'	1° 52'	11° 19'	10° 5'	8° 21'	6° 43'	4° 59'	8° 7'	S 9
M10	23 14 11	16° 48'39"	19° 54'	13° 35'	2° 47'	11° 38'	6° 29'	5° 28'	1° 55'	11° 20'	10° 7'	8° 22'	6° 40'	5° 6'	8° 4'	M10
T 11	23 18 8	17° 46'58"	3 ^h 52 ^m	14° 33'	3° 42'	12° 14'	6° 21'	5° 25'	1° 59'	11° 22'	10° 9'	8° 23'	6° 37'	5° 12'	8° 2'	T 11
W12	23 22 5	18° 45'19"	18° 17'	15° 29'	4° 36'	12° 51'	6° 14'	5° 23'	2° 3'	11° 23'	10° 11'	8° 23'	6° 34'	5° 19'	7° 59'	W12
T 13	23 26 1	19° 43'41"	3 ^h 6 ^m	16° 23'	5° 30'	13° 27'	6° 6'	5° 20'	2° 6'	11° 25'	10° 13'	8° 21'	6° 31'	5° 26'	7° 56'	T 13
F 14	23 29 58	20° 42'05"	18° 13'	17° 13'	6° 23'	14° 3'	5° 59'	5° 18'	2° 10'	11° 26'	10° 15'	8° 17'	6° 27'	5° 32'	7° 53'	F 14
S 15	23 33 54	21° 40'30"	3 ^h 12 ^m 28 ^s	18° 0'	7° 15'	14° 39'	5° 52'	5° 15'	2° 14'	11° 28'	10° 17'	8° 11'	6° 24'	5° 39'	7° 50'	S 15
S 16	23 37 51	22° 38'58"	18° 42'	18° 43'	8° 7'	15° 15'	5° 44'	5° 13'	2° 17'	11° 29'	10° 19'	8° 5'	6° 21'	5° 46'	7° 48'	S 16
M17	23 41 47	23° 37'27"	3 ^h 43 ^m	19° 23'	8° 59'	15° 51'	5° 37'	5° 11'	2° 21'	11° 31'	10° 21'	7° 58'	6° 18'	5° 53'	7° 45'	M17
T 18	23 45 44	24° 35'59"	18° 24'	19° 58'	9° 49'	16° 27'	5° 30'	5° 9'	2° 24'	11° 33'	10° 23'	7° 52'	6° 15'	5° 59'	7° 42'	T 18
W19	23 49 40	25° 34'33"	2 ^h 11 ^m 39 ^s	20° 29'	10° 39'	17° 3'	5° 23'	5° 7'	2° 28'	11° 34'	10° 25'	7° 48'	6° 12'	6° 6'	7° 39'	W19
T 20	23 53 37	26° 33'09"	16° 26'	20° 56'	11° 28'	17° 38'	5° 16'	5° 5'	2° 31'	11° 36'	10° 27'	7° 46'	6° 8'	6° 13'	7° 37'	T 20
F 21	23 57 34	27° 31'48"	29° 46'	21° 17'	12° 17'	18° 13'	5° 9'	5° 3'	2° 35'	11° 38'	10° 29'	7° 46'	6° 5'	6° 19'	7° 34'	F 21
S 22	0 1 30	28° 30'29"	12 ^h 54 ^m 42 ^s	21° 33'	13° 5'	18° 49'	5° 3'	5° 1'	2° 38'	11° 40'	10° 31'	7° 46'	6° 2'	6° 26'	7° 32'	S 22
S 23	0 5 27	29° 29'12"	25° 18'	21° 43'	13° 52'	19° 24'	4° 56'	4° 59'	2° 42'	11° 41'	10° 33'	7° 47'	5° 59'	6° 33'	7° 29'	S 23
M24	0 9 23	0 ^h 27 ^m 57 ^s	7 ^h 37 ^m	21° 46'	14° 38'	19° 59'	4° 50'	4° 58'	2° 45'	11° 43'	10° 35'	7° 48'	5° 56'	6° 39'	7° 26'	M24
T 25	0 13 20	1° 26'44"	19° 45'	21° 44'	15° 23'	20° 33'	4° 43'	4° 56'	2° 49'	11° 45'	10° 37'	7° 47'	5° 52'	6° 46'	7° 24'	T 25
W26	0 17 16	2° 25'33"	1 ^h 44 ^m	21° 34'	16° 7'	21° 8'	4° 37'	4° 55'	2° 52'	11° 47'	10° 39'	7° 44'	5° 49'	6° 53'	7° 21'	W26
T 27	0 21 13	3° 24'25"	13° 38'	21° 17'	16° 51'	21° 42'	4° 31'	4° 54'	2° 55'	11° 49'	10° 41'	7° 39'	5° 46'	7° 0'	7° 19'	T 27
F 28	0 25 9	4° 23'19"	25° 30'	20° 52'	17° 33'	22° 17'	4° 25'	4° 52'	2° 59'	11° 50'	10° 43'	7° 31'	5° 43'	7° 6'	7° 16'	F 28
S 29	0 29 6	5° 22'14"	7 ^h 20 ^m	20° 21'	18° 15'	22° 51'	4° 20'	4° 51'	3° 2'	11° 52'	10° 45'	7° 21'	5° 40'	7° 13'	7° 14'	S 29
S 30	0 33 2	6 ^h 21 ^m 12 ^s	19 ^h 12 ^m	19 ^h 41 ^m	18 ^h 11 ^m 55 ^s	23 ^h 25 ^m	4 ^h 14 ^m	4 ^h 50 ^m	3 ^h 11 ^m 54 ^s	11 ^h 54 ^m	10 ^h 47 ^m	7 ^h 10 ^m	5 ^h 37 ^m	7 ^h 20 ^m	7 ^h 11 ^m	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	8n32	4n15	3n59	2s16	1s 7	11s24	2s10	23n36	0n18	9s59	1s23	19s30	0s44	11n39	0n43	13s31	1n45	19n49	12n55	18n 5	18n29	2n20	3s 7	5n41	
S 2	8 11	0 7	4 35	2 54	1 15	11 52	2 16	23 35	0 19	10 2	1 23	19 31	0 44	11 38	0 43	13 31	1 45	19 48	12 55	18 6	18 30	2 18	3 8	5 41	
M 3	7 49	4s 1	4 59	3 32	1 24	12 19	2 22	23 34	0 20	10 5	1 23	19 32	0 44	11 37	0 43	13 31	1 45	19 47	12 55	18 8	18 31	2 16	3 9	5 41	
T 4	7 27	8 0	5 11	4 10	1 33	12 46	2 28	23 33	0 21	10 8	1 23	19 33	0 44	11 35	0 43	13 32	1 45	19 47	12 55	18 9	18 32	2 14	3 10	5 41	
W 5	7 5	11 43	5 9	4 46	1 42	13 12	2 35	23 32	0 22	10 11	1 23	19 34	0 44	11 34	0 43	13 32	1 45	19 46	12 55	18 10	18 33	2 11	3 11	5 40	
T 6	6 42	15 0	4 53	5 22	1 51	13 38	2 41	23 30	0 23	10 14	1 23	19 35	0 44	11 33	0 43	13 33	1 45	19 45	12 55	18 11	18 33	2 9	3 12	5 40	
F 7	6 20	17 42	4 24	5 57	2 0	14 5	2 47	23 29	0 24	10 17	1 23	19 35	0 44	11 32	0 43	13 33	1 45	19 45	12 56	18 11	18 34	2 7	3 13	5 40	
S 8	5 58	19 36	3 41	6 31	2 8	14 30	2 53	23 27	0 25	10 20	1 23	19 36	0 44	11 30	0 43	13 34	1 44	19 44	12 56	18 11	18 35	2 5	3 15	5 40	
S 9	5 35	20 32	2 45	7 4	2 17	14 56	3 0	23 25	0 26	10 23	1 23	19 37	0 44	11 29	0 43	13 34	1 44	19 43	12 56	18 11	18 36	2 2	3 16	5 40	
M10	5 12	20 20	1 39	7 35	2 25	15 21	3 6	23 23	0 27	10 25	1 23	19 37	0 45	11 28	0 43	13 35	1 44	19 42	12 56	18 10	18 37	2 0	3 17	5 40	
T 11	4 50	18 53	0 25	8 6	2 34	15 46	3 12	23 21	0 28	10 28	1 23	19 38	0 45	11 26	0 43	13 35	1 44	19 42	12 56	18 10	18 37	1 58	3 18	5 40	
W12	4 27	16 12	0s53	8 35	2 42	16 10	3 19	23 18	0 29	10 31	1 23	19 39	0 45	11 25	0 43	13 36	1 44	19 41	12 56	18 10	18 38	1 56	3 19	5 40	
T 13	4 4	12 23	2 10	9 3	2 50	16 34	3 25	23 16	0 30	10 34	1 23	19 40	0 45	11 24	0 43	13 36	1 44	19 40	12 56	18 11	18 39	1 54	3 20	5 40	
F 14	3 41	7 43	3 19	9 30	2 58	16 58	3 31	23 13	0 31	10 37	1 23	19 40	0 45	11 22	0 43	13 37	1 44	19 40	12 56	18 12	18 40	1 51	3 22	5 39	
S 15	3 18	2 30	4 14	9 54	3 5	17 22	3 38	23 10	0 32	10 39	1 23	19 41	0 45	11 21	0 43	13 37	1 44	19 39	12 56	18 13	18 40	1 49	3 23	5 39	
S 16	2 55	2n50	4 51	10 18	3 12	17 45	3 44	23 7	0 33	10 42	1 23	19 41	0 45	11 20	0 43	13 38	1 44	19 38	12 57	18 15	18 41	1 47	3 24	5 39	
M17	2 32	7 56	5 8	10 39	3 19	18 7	3 50	23 4	0 34	10 45	1 23	19 42	0 45	11 19	0 43	13 38	1 44	19 38	12 57	18 17	18 42	1 45	3 25	5 39	
T 18	2 9	12 27	5 3	10 58	3 25	18 30	3 56	23 1	0 35	10 47	1 23	19 42	0 45	11 17	0 43	13 39	1 44	19 37	12 57	18 18	18 43	1 42	3 26	5 39	
W19	1 46	16 7	4 40	11 15	3 31	18 52	4 3	22 58	0 37	10 50	1 23	19 43	0 45	11 16	0 43	13 39	1 44	19 36	12 57	18 19	18 44	1 40	3 27	5 39	
T 20	1 22	18 45	4 1	11 30	3 36	19 13	4 9	22 54	0 38	10 52	1 23	19 43	0 45	11 15	0 43	13 40	1 44	19 36	12 57	18 20	18 44	1 38	3 28	5 39	
F 21	0 59	20 16	3 10	11 42	3 40	19 34	4 15	22 51	0 39	10 55	1 23	19 44	0 45	11 14	0 43	13 41	1 44	19 35	12 57	18 20	18 45	1 36	3 30	5 38	
S 22	0 36	20 40	2 11	11 52	3 44	19 55	4 21	22 47	0 40	10 57	1 23	19 44	0 45	11 12	0 43	13 41	1 44	19 34	12 58	18 20	18 46	1 33	3 31	5 38	
S 23	0 12	19 59	1 7	11 58	3 47	20 15	4 27	22 43	0 41	11 0	1 23	19 45	0 45	11 11	0 43	13 42	1 44	19 34	12 58	18 19	18 47	1 31	3 32	5 38	
M24	0s11	18 21	0 1	12 1	3 49	20 35	4 34	22 39	0 42	11 2	1 23	19 45	0 45	11 10	0 43	13 42	1 44	19 33	12 58	18 19	18 48	1 29	3 33	5 38	
T 25	0 34	15 54	1n 4	12 1	3 50	20 54	4 40	22 35	0 43	11 4	1 23	19 46	0 45	11 9	0 43	13 43	1 44	19 33	12 58	18 19	18 48	1 27	3 34	5 38	
W26	0 58	12 48	2 5	11 57	3 49	21 13	4 46	22 31	0 44	11 6	1 23	19 46	0 45	11 8	0 43	13 43	1 44	19 32	12 58	18 20	18 49	1 24	3 35	5 37	
T 27	1 21	9 12	3 0	11 49	3 48	21 31	4 51	22 27	0 46	11 8	1 23	19 46	0 45	11 6	0 43	13 44	1 44	19 32	12 59	18 22	18 50	1 22	3 36	5 37	
F 28	1 45	5 15	3 47	11 37	3 45	21 49	4 57	22 22	0 47	11 10	1 23	19 47	0 45	11 5	0 43	13 45	1 44	19 31	12 59	18 24	18 51	1 20	3 37	5 37	
S 29	2 8	1 7	4 23	11 21	3 40	22 7	5 3	22 18	0 48	11 12	1 23	19 47	0 45	11 4	0 43	13 45	1 44	19 30	12 59	18 26	18 51	1 18	3 38	5 37	
S 30	2s31	3s 3	4n49	11s 0	3s34	22s24	5s 9	22n13	0n49	11s14	1s23	19s47	0s45	11n 3	0n43	13s46	1n44	19n30	12n59	18n29	18n52	1n15	3s40	5n37	

ASTRODIENST EPHEMERIS for the year 1962
geocentric

OCTOBER 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 36 59	7♌20°11	1♍ 5	18°R55	19♍35	23♎59	4°R 9	4°R49	3♏ 9	11♍56	10♏49	6°R58	5♏33	7♌26	7°R 9	M 1
T 2	0 40 56	8°19'13	13° 3	18♌ 1	20°13	24°32	4♏ 3	4♏49	3°12	11°58	10°51	6♏47	5°30	7°33	7♏ 7	T 2
W 3	0 44 52	9°18'16	25° 6	17° 2	20°50	25° 6	3°58	4°48	3°15	12° 0	10°53	6°37	5°27	7°40	7° 4	W 3
T 4	0 48 49	10°17'22	7♏19	15°58	21°26	25°39	3°53	4°47	3°18	12° 2	10°54	6°30	5°24	7°46	7° 2	T 4
F 5	0 52 45	11°16'29	19°42	14°51	22° 1	26°13	3°48	4°47	3°21	12° 4	10°56	6°25	5°21	7°53	7° 0	F 5
S 6	0 56 42	12°15'38	2♎21	13°41	22°34	26°46	3°44	4°46	3°25	12° 6	10°58	6°23	5°17	8° 0	6°58	S 6
S 7	1 0 38	13°14'49	15°19	12°31	23° 6	27°18	3°39	4°46	3°28	12° 8	11° 0	6°D23	5°14	8° 7	6°56	S 7
M 8	1 4 35	14°14'01	28°40	11°23	23°36	27°51	3°35	4°46	3°31	12°10	11° 2	6°23	5°11	8°13	6°53	M 8
T 9	1 8 31	15°13'15	12♏27	10°18	24° 5	28°24	3°31	4°46	3°34	12°12	11° 4	6°R23	5° 8	8°20	6°51	T 9
W10	1 12 28	16°12'31	26°41	9°19	24°32	28°56	3°27	4°D46	3°37	12°14	11° 5	6°21	5° 5	8°27	6°49	W10
T 11	1 16 25	17°11'49	11♏22	8°26	24°58	29°28	3°23	4°46	3°40	12°16	11° 7	6°18	5° 2	8°33	6°47	T 11
F 12	1 20 21	18°11'08	26°24	7°43	25°22	0♏ 0	3°20	4°46	3°43	12°18	11° 9	6°11	4°58	8°40	6°45	F 12
S 13	1 24 18	19°10'29	11♏40	7° 9	25°44	0°32	3°16	4°46	3°46	12°20	11°11	6° 2	4°55	8°47	6°43	S 13
S 14	1 28 14	20° 9'53	27° 0	6°46	26° 5	1° 4	3°13	4°47	3°49	12°22	11°12	5°52	4°52	8°54	6°42	S 14
M15	1 32 11	21° 9'18	12♏11	6°33	26°23	1°35	3°10	4°47	3°51	12°24	11°14	5°41	4°49	9° 0	6°40	M15
T 16	1 36 7	22° 8'46	27° 3	6°D32	26°40	2° 6	3° 7	4°48	3°54	12°27	11°16	5°31	4°46	9° 7	6°38	T 16
W17	1 40 4	23° 8'16	11♏29	6°41	26°55	2°37	3° 5	4°48	3°57	12°29	11°17	5°23	4°43	9°14	6°36	W17
T 18	1 44 0	24° 7'48	25°25	7° 1	27° 7	3° 8	3° 2	4°49	4° 0	12°31	11°19	5°18	4°39	9°20	6°35	T 18
F 19	1 47 57	25° 7'23	8♎52	7°31	27°18	3°39	3° 0	4°50	4° 2	12°33	11°21	5°15	4°36	9°27	6°33	F 19
S 20	1 51 54	26° 6'59	21°50	8°10	27°26	4° 9	2°58	4°51	4° 5	12°35	11°22	5°15	4°33	9°34	6°31	S 20
S 21	1 55 50	27° 6'38	4♏25	8°58	27°32	4°39	2°56	4°52	4° 8	12°37	11°24	5°15	4°30	9°41	6°30	S 21
M22	1 59 47	28° 6'20	16°42	9°54	27°36	5° 9	2°55	4°53	4°10	12°40	11°25	5°14	4°27	9°47	6°28	M22
T 23	2 3 43	29° 6'03	28°45	10°56	27°R38	5°39	2°53	4°55	4°13	12°42	11°27	5°12	4°23	9°54	6°27	T 23
W24	2 7 40	0♍ 5'49	10♏39	12° 4	27°37	6° 8	2°52	4°56	4°15	12°44	11°28	5° 8	4°20	10° 1	6°26	W24
T 25	2 11 36	1° 5'37	22°30	13°18	27°34	6°38	2°51	4°57	4°18	12°46	11°30	5° 1	4°17	10° 7	6°24	T 25
F 26	2 15 33	2° 5'27	4♏20	14°36	27°28	7° 7	2°50	4°59	4°20	12°48	11°31	4°51	4°14	10°14	6°23	F 26
S 27	2 19 29	3° 5'18	16°11	15°58	27°20	7°36	2°50	5° 1	4°23	12°51	11°33	4°38	4°11	10°21	6°22	S 27
S 28	2 23 26	4° 5'13	28° 6	17°23	27°10	8° 4	2°49	5° 2	4°25	12°53	11°34	4°24	4° 8	10°28	6°21	S 28
M29	2 27 23	5° 5'09	10♍ 6	18°51	26°57	8°32	2°D49	5° 4	4°27	12°55	11°36	4° 9	4° 4	10°34	6°19	M29
T 30	2 31 19	6° 5'06	22°13	20°21	26°42	9° 1	2°49	5° 6	4°30	12°57	11°37	3°55	4° 1	10°41	6°18	T 30
W31	2 35 16	7♍ 5'06	4♏26	21♌53	26♍24	9♏28	2♏49	5♏ 8	4♏32	13♍ 0	11♏38	3♏42	3♏58	10♌48	6♏17	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	2s55	7s 8	5n 2	10s34	3s25	22s40	5s14	22n 9	0n50	11s16	1s22	19s47	0s45	11n 2	0n43	13s47	1n44	19n29	12n59	18n32	18n53	1n13	3s41	5n36							
T 2	3 18	10 58	5 2	10 5	3 15	22 56	5 20	22 4	0 52	11 18	1 22	19 48	0 45	11 0	0 43	13 47	1 44	19 29	13 0	18 35	18 54	1 11	3 42	5 36							
W 3	3 41	14 23	4 48	9 31	3 3	23 11	5 25	21 59	0 53	11 20	1 22	19 48	0 45	10 59	0 43	13 48	1 43	19 28	13 0	18 37	18 55	1 9	3 43	5 36							
T 4	4 4	4 17	14 4	2 1	8 53	2 49	23 26	5 30	21 54	0 54	11 22	1 22	19 48	0 45	10 58	0 43	13 48	1 43	19 28	13 0	18 39	18 55	1 6	3 44	5 36						
F 5	4 28	19 22	3 42	8 13	2 34	23 40	5 35	21 49	0 55	11 23	1 22	19 48	0 45	10 57	0 43	13 49	1 43	19 27	13 0	18 40	18 56	1 4	3 45	5 35							
S 6	4 51	20 35	2 51	7 30	2 16	23 54	5 40	21 44	0 57	11 25	1 22	19 48	0 45	10 56	0 43	13 50	1 43	19 27	13 1	18 41	18 57	1 2	3 46	5 35							
S 7	5 14	20 45	1 50	6 45	1 58	24 7	5 45	21 39	0 58	11 26	1 22	19 48	0 45	10 55	0 43	13 50	1 43	19 26	13 1	18 41	18 58	1 0	3 47	5 35							
M 8	5 37	19 46	0 41	6 1	1 38	24 19	5 50	21 33	0 59	11 28	1 22	19 48	0 45	10 54	0 44	13 51	1 43	19 26	13 1	18 41	18 58	0 57	3 48	5 35							
T 9	6 0	17 35	0s32	5 16	1 18	24 31	5 54	21 28	1 0	11 29	1 22	19 48	0 45	10 53	0 44	13 52	1 43	19 26	13 2	18 41	18 59	0 55	3 49	5 34							
W10	6 23	14 17	1 46	4 34	0 37	24 42	5 59	21 23	1 2	11 30	1 21	19 48	0 45	10 52	0 44	13 52	1 43	19 25	13 2	18 41	19 0	0 53	3 50	5 34							
T 11	6 45	9 59	2 54	3 55	0 37	24 52	6 3	21 17	1 3	11 32	1 21	19 48	0 45	10 51	0 44	13 53	1 43	19 25	13 2	18 42	19 1	0 51	3 51	5 34							
F 12	7 8	4 59	3 52	3 19	0 17	25 2	6 7	21 12	1 4	11 33	1 21	19 48	0 45	10 50	0 44	13 54	1 43	19 24	13 2	18 44	19 2	0 48	3 52	5 33							
S 13	7 31	0n24	4 35	2 48	0n 2	25 11	6 10	21 6	1 5	11 34	1 21	19 48	0 45	10 48	0 44	13 54	1 43	19 24	13 3	18 46	19 2	0 46	3 53	5 33							
S 14	7 53	5 46	4 58	2 22	0 21	25 19	6 13	21 1	1 7	11 35	1 21	19 48	0 45	10 47	0 44	13 55	1 43	19 24	13 3	18 49	19 3	0 44	3 54	5 33							
M15	8 15	10 44	4 59	2 2	0 38	25 27	6 16	20 55	1 8	11 36	1 21	19 48	0 45	10 46	0 44	13 55	1 43	19 23	13 3	18 51	19 4	0 41	3 55	5 33							
T 16	8 38	14 57	4 41	1 47	0 53	25 33	6 19	20 49	1 9	11 37	1 21	19 48	0 45	10 45	0 44	13 56	1 43	19 23	13 4	18 54	19 5	0 39	3 56	5 32							
W17	9 0	18 8	4 4	1 38	1 7	25 39	6 22	20 44	1 11	11 38	1 20	19 48	0 45	10 44	0 44	13 57	1 43	19 22	13 4	18 55	19 5	0 37	3 57	5 32							
T 18	9 22	20 8	3 14	1 34	1 20	25 44	6 24	20 38	1 12	11 38	1 20	19 47	0 45	10 44	0 44	13 57	1 43	19 22	13 4	18 57	19 6	0 35	3 57	5 32							
F 19	9 43	20 54	2 15	1 36	1 30	25 48	6 25	20 32	1 14	11 39	1 20	19 47	0 45	10 43	0 44	13 58	1 43	19 22	13 5	18 57	19 7	0 32	3 58	5 31							
S 20	10 5	20 31	1 10	1 43	1 40	25 51	6 27	20 26	1 15	11 39	1 20	19 47	0 45	10 42	0 44	13 59	1 43	19 21	13 5	18 58	19 8	0 30	3 59	5 31							
S 21	10 27	19 5	0 4	1 55	1 47	25 54	6 28	20 20	1 16	11 40	1 20	19 47	0 45	10 41	0 44	13 59	1 43	19 21	13 5	18 58	19 8	0 28	4 0	5 31							
M22	10 48	16 48	1n 0	2 11	1 54	25 55	6 28	20 14	1 18	11 40	1 20	19 46	0 45	10 40	0 44	14 0	1 43	19 21	13 6	18 58	19 9	0 26	4 1	5 30							
T 23	11 9	13 48	2 1	2 31	1 58	25 55	6 28	20 8	1 19	11 41	1 19	19 46	0 45	10 39	0 44	14 1	1 43	19 21	13 6	18 58	19 10	0 23	4 2	5 30							
W24	11 30	10 17	2 55	2 54	2 2	25 55	6 27	20 2	1 21	11 41	1 19	19 46	0 45	10 38	0 44	14 1	1 43	19 20	13 6	18 59	19 11	0 21	4 3	5 30							
T 25	11 51	6 22	3 42	3 20	2 5	25 53	6 26	19 56	1 22	11 41	1 19	19 45	0 45	10 37	0 44	14 2	1 43	19 20	13 7	19 1	19 11	0 19	4 3	5 29							
F 26	12 12	2 14	4 19	3 49	2 6	25 50	6 25	19 51	1 23	11 41	1 19	19 45	0 45	10 36	0 44	14 3	1 43	19 20	13 7	19 3	19 12	0 16	4 4	5 29							
S 27	12 33	1s59	4 44	4 20	2 6	25 46	6 23	19 45	1 25	11 41	1 19	19 45	0 45	10 35	0 44	14 4	1 43	19 20	13 7	19 6	19 13	0 14	4 5	5 29							
S 28	12 53	6 10	4 57	4 53	2 6	25 41	6 20	19 39	1 26	11 41	1 18	19 44	0 45	10 35	0 44	14 4	1 43	19 19	13 8	19 10	19 14	0 12	4 6	5 28							
M29	13 13	10 8	4 58	5 28	2 4	25 35	6 16	19 33	1 28	11 41	1 18	19 44	0 45	10 34	0 44	14 5	1 43	19 19	13 8	19 13	19 14	0 10	4 6	5 28							
T 30	13 33	13 44	4 44	6 4	2 2	25 27	6 12	19 27	1 29	11 41	1 18	19 43	0 45	10 33	0 44	14 6	1 43	19 19	13 9	19 17	19 15	0 7	4 7	5 28							
W31	13s53	16s48	4n18	6s41	1n59	25s18	6s 8	19n21	1n31	11s41	1s18	19s43	0s45	10n32	0n44	14s 6	1n43	19n19	13n 9	19n20	19n16	0n 5	4s 8	5n27							

ASTRODIENST EPHEMERIS for the year 1962

geocentric

NOVEMBER 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 12	8♈ 5'08	16♌ 48	23♈ 27	26°R 5	9♈ 56	2♈ 50	5♈ 11	4♈ 34	13♈ 2	11♈ 40	3°R33	3♈ 55	10♈ 54	6°R16	T 1
F 2	2 43 9	9° 5'11	29°19	25° 2	25♈ 43	10°23	2°50	5°13	4°36	13° 4	11°41	3♈ 26	3°52	11° 1	6°R15	F 2
S 3	2 47 5	10° 5'16	12♈ 3	26°37	25°18	10°50	2°51	5°15	4°38	13° 6	11°42	3°22	3°49	11° 8	6°15	S 3
S 4	2 51 2	11° 5'23	25° 2	28°14	24°52	11°17	2°52	5°18	4°40	13° 9	11°44	3°21	3°45	11°14	6°14	S 4
M 5	2 54 58	12° 5'31	8♈ 19	29°51	24°24	11°43	2°53	5°20	4°42	13°11	11°45	3°21	3°42	11°21	6°13	M 5
T 6	2 58 55	13° 5'41	21°57	1♈ 28	23°54	12° 9	2°55	5°23	4°44	13°13	11°46	3°21	3°39	11°28	6°12	T 6
W 7	3 2 52	14° 5'52	5♈ 58	3° 5	23°23	12°35	2°57	5°26	4°46	13°15	11°47	3°19	3°36	11°35	6°12	W 7
T 8	3 6 48	15° 6'04	20°21	4°43	22°50	13° 1	2°58	5°29	4°48	13°18	11°48	3°16	3°33	11°41	6°11	T 8
F 9	3 10 45	16° 6'18	5♈ 6	6°21	22°16	13°26	3° 0	5°31	4°49	13°20	11°49	3° 9	3°29	11°48	6°11	F 9
S 10	3 14 41	17° 6'33	20° 5	7°58	21°41	13°51	3° 3	5°34	4°51	13°22	11°50	3° 0	3°26	11°55	6°10	S 10
S 11	3 18 38	18° 6'51	5♈ 12	9°36	21° 5	14°15	3° 5	5°38	4°53	13°24	11°52	2°49	3°23	12° 1	6°10	S 11
M12	3 22 34	19° 7'09	20°15	11°13	20°28	14°39	3° 8	5°41	4°54	13°26	11°53	2°38	3°20	12° 8	6°10	M12
T 13	3 26 31	20° 7'30	5♈ 5	12°50	19°52	15° 3	3°11	5°44	4°56	13°29	11°54	2°28	3°17	12°15	6° 9	T 13
W14	3 30 27	21° 7'52	19°33	14°27	19°15	15°27	3°14	5°47	4°58	13°31	11°55	2°20	3°14	12°22	6° 9	W14
T 15	3 34 24	22° 8'16	3♈ 34	16° 4	18°39	15°50	3°17	5°51	4°59	13°33	11°56	2°14	3°10	12°28	6° 9	T 15
F 16	3 38 21	23° 8'42	17° 6	17°41	18° 3	16°13	3°20	5°54	5° 0	13°35	11°56	2°11	3° 7	12°35	6° 9	F 16
S 17	3 42 17	24° 9'10	0♈ 11	19°17	17°28	16°36	3°24	5°58	5° 2	13°38	11°57	2°D10	3° 4	12°42	6°D 9	S 17
S 18	3 46 14	25° 9'39	12°51	20°53	16°54	16°58	3°28	6° 2	5° 3	13°40	11°58	2°10	3° 1	12°48	6° 9	S 18
M19	3 50 10	26°10'11	25°10	22°29	16°21	17°20	3°32	6° 6	5° 4	13°42	11°59	2°R10	2°58	12°55	6° 9	M19
T 20	3 54 7	27°10'44	7♈ 15	24° 5	15°50	17°41	3°36	6°10	5° 6	13°44	12° 0	2°10	2°54	13° 2	6° 9	T 20
W21	3 58 3	28°11'19	19°10	25°40	15°20	18° 2	3°40	6°14	5° 7	13°46	12° 1	2° 7	2°51	13° 9	6° 9	W21
T 22	4 2 0	29°11'55	1♈ 0	27°16	14°53	18°22	3°45	6°18	5° 8	13°49	12° 1	2° 3	2°48	13°15	6°10	T 22
F 23	4 5 56	0♈ 12'33	12°50	28°51	14°27	18°43	3°50	6°22	5° 9	13°51	12° 2	1°55	2°45	13°22	6°10	F 23
S 24	4 9 53	1°13'13	24°44	0♈ 26	14° 3	19° 2	3°54	6°26	5°10	13°53	12° 3	1°45	2°42	13°29	6°10	S 24
S 25	4 13 50	2°13'55	6♈ 44	2° 0	13°41	19°22	4° 0	6°30	5°11	13°55	12° 3	1°34	2°39	13°35	6°11	S 25
M26	4 17 46	3°14'38	18°53	3°35	13°22	19°40	4° 5	6°35	5°12	13°57	12° 4	1°22	2°35	13°42	6°11	M26
T 27	4 21 43	4°15'22	1♈ 11	5° 9	13° 4	19°59	4°10	6°39	5°13	13°59	12° 5	1°11	2°32	13°49	6°12	T 27
W28	4 25 39	5°16'08	13°38	6°44	12°50	20°17	4°16	6°44	5°13	14° 2	12° 5	1° 1	2°29	13°56	6°12	W28
T 29	4 29 36	6°16'55	26°17	8°18	12°38	20°34	4°22	6°48	5°14	14° 4	12° 6	0°54	2°26	14° 2	6°13	T 29
F 30	4 33 32	7♈ 17'43	9♈ 6	9♈ 52	12♈ 28	20°51	4°28	6°53	5°15	14° 6	12° 6	0°49	2°23	14° 9	6°14	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
T 1	14s12	19s 9	3n39	7s19	1n56	25s 8	6s 2	19n15	1n32	11s41	1s18	19s42	0s45	10n32	0n44	14s 7	1n43	19n19	13n 9	19n22	19n17	0n 3	4s 8	5n27			
F 2	14 32	20 37	2 49	7 57	1 52	24 57	5 56	19 9	1 34	11 40	1 18	19 42	0 45	10 31	0 44	14 8	1 43	19 19	13 10	19 23	19 17	0 0	4 9	5 27			
S 3	14 51	21 4	1 50	8 36	1 48	24 44	5 49	19 3	1 36	11 40	1 17	19 41	0 45	10 30	0 44	14 8	1 43	19 18	13 10	19 24	19 18	0s 2	4 10	5 26			
S 4	15 9	20 25	0 44	9 14	1 43	24 30	5 42	18 57	1 37	11 39	1 17	19 41	0 45	10 29	0 44	14 9	1 43	19 18	13 11	19 25	19 19	0 4	4 10	5 26			
M 5	15 28	18 37	0s26	9 53	1 38	24 15	5 33	18 51	1 39	11 38	1 17	19 40	0 45	10 29	0 44	14 10	1 43	19 18	13 11	19 25	19 20	0 7	4 11	5 26			
T 6	15 46	15 43	1 37	10 32	1 33	23 59	5 24	18 46	1 40	11 38	1 17	19 39	0 45	10 28	0 45	14 10	1 43	19 18	13 11	19 25	19 20	0 9	4 11	5 25			
W 7	16 4	11 51	2 43	11 11	1 27	23 41	5 14	18 40	1 42	11 37	1 17	19 39	0 45	10 27	0 45	14 11	1 43	19 18	13 12	19 25	19 21	0 11	4 12	5 25			
T 8	16 22	7 13	3 41	11 49	1 21	23 23	5 4	18 34	1 44	11 36	1 16	19 38	0 45	10 27	0 45	14 12	1 43	19 18	13 12	19 26	19 22	0 13	4 13	5 25			
F 9	16 40	2 3	4 26	12 28	1 15	23 3	4 53	18 28	1 45	11 35	1 16	19 37	0 45	10 26	0 45	14 12	1 43	19 18	13 13	19 27	19 23	0 16	4 13	5 24			
S 10	16 57	3n19	4 54	13 5	1 9	22 42	4 41	18 23	1 47	11 34	1 16	19 36	0 45	10 26	0 45	14 13	1 43	19 18	13 13	19 29	19 23	0 18	4 14	5 24			
S 11	17 14	8 32	5 1	13 42	1 2	22 21	4 29	18 17	1 49	11 33	1 16	19 36	0 45	10 25	0 45	14 14	1 43	19 18	13 14	19 32	19 24	0 20	4 14	5 24			
M12	17 30	13 12	4 47	14 19	0 56	21 58	4 16	18 12	1 50	11 32	1 16	19 35	0 45	10 24	0 45	14 14	1 43	19 18	13 14	19 34	19 25	0 23	4 14	5 23			
T 13	17 47	16 59	4 14	14 55	0 49	21 35	4 2	18 6	1 52	11 31	1 15	19 34	0 45	10 24	0 45	14 15	1 43	19 18	13 14	19 37	19 26	0 25	4 15	5 23			
W14	18 3	19 37	3 26	15 30	0 42	21 12	3 48	18 1	1 54	11 30	1 15	19 33	0 45	10 23	0 45	14 16	1 43	19 18	13 15	19 39	19 26	0 27	4 15	5 22			
T 15	18 18	20 58	2 26	16 5	0 35	20 48	3 34	17 56	1 56	11 28	1 15	19 32	0 45	10 23	0 45	14 16	1 43	19 18	13 15	19 40	19 27	0 30	4 16	5 22			
F 16	18 34	21 2	1 19	16 39	0 29	20 24	3 19	17 51	1 57	11 27	1 15	19 32	0 45	10 22	0 45	14 17	1 43	19 18	13 16	19 41	19 28	0 32	4 16	5 22			
S 17	18 49	19 57	0 11	17 12	0 22	19 59	3 4	17 46	1 59	11 25	1 15	19 31	0 45	10 22	0 45	14 18	1 43	19 18	13 16	19 41	19 28	0 34	4 16	5 21			
S 18	19 3	17 52	0n57	17 44	0 15	19 35	2 49	17 41	2 1	11 24	1 14	19 30	0 45	10 21	0 45	14 18	1 43	19 18	13 17	19 41	19 29	0 37	4 17	5 21			
M19	19 18	15 0	1 59	18 16	0 8	19 11	2 33	17 36	2 3	11 22	1 14	19 29	0 45	10 21	0 45	14 19	1 43	19 18	13 17	19 41	19 30	0 39	4 17	5 21			
T 20	19 32	11 34	2 55	18 46	0 1	18 47	2 18	17 31	2 5	11 20	1 14	19 28	0 45	10 21	0 45	14 19	1 43	19 18	13 18	19 41	19 31	0 41	4 17	5 20			
W21	19 46	7 42	3 43	19 16	0s 5	18 23	2 2	17 26	2 7	11 19	1 14	19 27	0 45	10 20	0 45	14 20	1 43	19 18	13 18	19 41	19 31	0 43	4 18	5 20			
T 22	19 59	3 35	4 21	19 45	0 12	18 0	1 47	17 22	2 8	11 17	1 14	19 26	0 45	10 20	0 45	14 21	1 43	19 19	13 19	19 42	19 32	0 46	4 18	5 20			
F 23	20 12	0s40	4 47	20 13	0 19	17 38	1 31	17 17	2 10	11 15	1 14	19 25	0 45	10 20	0 45	14 21	1 43	19 19	13 19	19 44	19 33	0 48	4 18	5 19			
S 24	20 24	4 54	5 1	20 39	0 25	17 16	1 16	17 13	2 12	11 13	1 13	19 24	0 45	10 19	0 45	14 22	1 43	19 19	13 19	19 46	19 34	0 50	4 18	5 19			
S 25	20 37	9 0	5 2	21 5	0 32	16 55	1 1	17 8	2 14	11 11	1 13	19 23	0 45	10 19	0 45	14 23	1 43	19 19	13 20	19 49	19 34	0 53	4 19	5 18			
M26	20 48	12 47	4 50	21 30	0 38	16 35	0 46	17 4	2 16	11 9	1 13	19 22	0 45	10 19	0 45	14 23	1 43	19 19	13 20	19 51	19 35	0 55	4 19	5 18			
T 27	21 0	16 6	4 24	21 53	0 44	16 16	0 31	17 0	2 18	11 7	1 13	19 20	0 45	10 18	0 45	14 24	1 43	19 20	13 21	19 54	19 36	0 57	4 19	5 18			
W28	21 11	18 43	3 45	22 16	0 51	15 58	0 17	16 57	2 20	11 4	1 13	19 19	0 45	10 18	0 45	14 24	1 43	19 20	13 21	19 56	19 36	1 0	4 19	5 17			
T 29	21 22	20 30	2 54	22 38	0 57	15 41	0 3	16 53	2 22	11 2	1 12	19 18	0 45	10 18	0 46	14 25	1 43	19 20	13 22	19 58	19 37	1 2	4 19	5 17			
F 30	21s32	21s14	1n54	22s58	1s 3	15s25	0n10	16n49	2n24	11s 0	1s12	19s17	0s45	10n18	0n46	14s26	1n43	19n20	13n22	19n59	19n38	1s 4	4s19	5n17			

ASTRODIENST EPHEMERIS for the year 1962

geocentric

DECEMBER 1962

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 29	8♂18'32	22♂ 6	11♂26	12°R20	21♂ 8	4♂34	6♂58	5♂15	14♂ 8	12♂ 7	0°R46	2♂20	14♂16	6♂15	S 1
S 2	4 41 25	9°19'23	5♂17	13° 0	12♂16	21°24	4°40	7° 2	5°16	14°10	12° 7	0°D46	2°16	14°23	6°16	S 2
M 3	4 45 22	10°20'14	18°42	14°34	12°D13	21°39	4°47	7° 7	5°16	14°12	12° 7	0♂47	2°13	14°29	6°16	M 3
T 4	4 49 19	11°21'06	2♂21	16° 8	12°13	21°54	4°53	7°12	5°17	14°14	12° 8	0°48	2°10	14°36	6°17	T 4
W 5	4 53 15	12°21'58	16°16	17°42	12°16	22° 8	5° 0	7°17	5°17	14°16	12° 8	0°R48	2° 7	14°43	6°18	W 5
T 6	4 57 12	13°22'52	0♂26	19°15	12°21	22°22	5° 7	7°23	5°17	14°18	12° 8	0°47	2° 4	14°49	6°19	T 6
F 7	5 1 8	14°23'46	14°49	20°49	12°28	22°35	5°14	7°28	5°18	14°20	12° 9	0°44	2° 0	14°56	6°21	F 7
S 8	5 5 5	15°24'41	29°24	22°23	12°37	22°48	5°22	7°33	5°18	14°22	12° 9	0°38	1°57	15° 3	6°22	S 8
S 9	5 9 1	16°25'36	14♂ 4	23°57	12°49	23° 0	5°29	7°38	5°18	14°24	12° 9	0°32	1°54	15°10	6°23	S 9
M10	5 12 58	17°26'33	28°43	25°31	13° 3	23°12	5°37	7°44	5°18	14°26	12° 9	0°24	1°51	15°16	6°24	M10
T 11	5 16 54	18°27'30	13♂13	27° 5	13°19	23°23	5°45	7°49	5°R18	14°28	12° 9	0°18	1°48	15°23	6°26	T 11
W12	5 20 51	19°28'28	27°27	28°38	13°37	23°33	5°53	7°55	5°18	14°30	12°10	0°12	1°45	15°30	6°27	W12
T 13	5 24 48	20°29'27	11♂21	0♂12	13°57	23°43	6° 1	8° 0	5°18	14°32	12°10	0° 9	1°41	15°36	6°29	T 13
F 14	5 28 44	21°30'27	24°51	1°46	14°19	23°52	6° 9	8° 6	5°18	14°34	12°10	0°D 7	1°38	15°43	6°30	F 14
S 15	5 32 41	22°31'28	7♂57	3°20	14°42	24° 1	6°17	8°11	5°18	14°36	12°R10	0° 7	1°35	15°50	6°32	S 15
S 16	5 36 37	23°32'30	20°41	4°54	15° 8	24° 8	6°26	8°17	5°18	14°38	12°10	0° 9	1°32	15°57	6°33	S 16
M17	5 40 34	24°33'33	3♂ 5	6°28	15°35	24°16	6°35	8°23	5°17	14°39	12°10	0°10	1°29	16° 3	6°35	M17
T 18	5 44 30	25°34'36	15°13	8° 1	16° 5	24°22	6°43	8°29	5°17	14°41	12°10	0°12	1°26	16°10	6°37	T 18
W19	5 48 27	26°35'41	27°11	9°35	16°35	24°28	6°52	8°35	5°17	14°43	12° 9	0°R12	1°22	16°17	6°39	W19
T 20	5 52 23	27°36'46	9♂ 3	11° 8	17° 7	24°33	7° 1	8°41	5°16	14°45	12° 9	0°12	1°19	16°23	6°41	T 20
F 21	5 56 20	28°37'52	20°55	12°41	17°41	24°37	7°11	8°47	5°16	14°47	12° 9	0° 9	1°16	16°30	6°42	F 21
S 22	6 0 17	29°38'59	2♂51	14°13	18°16	24°41	7°20	8°53	5°15	14°48	12° 9	0° 6	1°13	16°37	6°44	S 22
S 23	6 4 13	0♂40'06	14°54	15°46	18°53	24°44	7°29	8°59	5°14	14°50	12° 9	0° 1	1°10	16°44	6°46	S 23
M24	6 8 10	1°41'15	27° 9	17°17	19°31	24°46	7°39	9° 5	5°14	14°52	12° 8	29♂56	1° 6	16°50	6°48	M24
T 25	6 12 6	2°42'23	9♂36	18°48	20°10	24°47	7°49	9°11	5°13	14°53	12° 8	29°51	1° 3	16°57	6°51	T 25
W26	6 16 3	3°43'33	22°18	20°18	20°50	24°R48	7°59	9°18	5°12	14°55	12° 8	29°47	1° 0	17° 4	6°53	W26
T 27	6 19 59	4°44'43	5♂15	21°46	21°32	24°48	8° 9	9°24	5°11	14°57	12° 7	29°43	0°57	17°10	6°55	T 27
F 28	6 23 56	5°45'53	18°27	23°13	22°15	24°47	8°19	9°30	5°10	14°58	12° 7	29°42	0°54	17°17	6°57	F 28
S 29	6 27 52	6°47'03	1♂51	24°39	22°58	24°45	8°29	9°37	5° 9	15° 0	12° 7	29°D41	0°51	17°24	6°59	S 29
S 30	6 31 49	7°48'13	15°27	26° 2	23°43	24°42	8°39	9°43	5° 8	15° 1	12° 6	29°42	0°47	17°31	7° 2	S 30
M31	6 35 46	8♂49'23	29♂14	27♂23	24♂29	24♂39	8♂50	9♂50	5♂ 7	15♂ 3	12♂ 6	29♂43	0♂44	17♂37	7♂ 4	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s42	20s52	0n46	23s17	1s 8	15s10	0n23	16n46	2n26	10s57	1s12	19s16	0s45	10n18	0n46	14s26
S 2	21 51	19 21	0s24	23 35	1 14	14 57	0 36	16 43	2 28	10 55	1 12	19 15	0 45	10 17	0 46	14 27
M 3	22 0	16 44	1 35	23 52	1 19	14 44	0 49	16 40	2 30	10 52	1 12	19 13	0 45	10 17	0 46	14 27
T 4	22 9	13 9	2 42	24 7	1 25	14 33	1 0	16 37	2 33	10 50	1 11	19 12	0 45	10 17	0 46	14 28
W 5	22 17	8 48	3 40	24 22	1 30	14 23	1 12	16 34	2 35	10 47	1 11	19 11	0 45	10 17	0 46	14 29
T 6	22 25	3 54	4 26	24 35	1 35	14 14	1 23	16 32	2 37	10 44	1 11	19 10	0 45	10 17	0 46	14 29
F 7	22 32	1n17	4 57	24 46	1 39	14 6	1 34	16 29	2 39	10 41	1 11	19 8	0 45	10 17	0 46	14 30
S 8	22 39	6 27	5 8	24 57	1 44	13 59	1 44	16 27	2 41	10 39	1 11	19 7	0 45	10 17	0 46	14 30
S 9	22 45	11 17	5 0	25 6	1 48	13 53	1 53	16 25	2 43	10 36	1 11	19 6	0 45	10 17	0 46	14 31
M10	22 51	15 27	4 32	25 14	1 52	13 48	2 3	16 24	2 46	10 33	1 10	19 4	0 45	10 17	0 46	14 31
T 11	22 56	18 38	3 47	25 20	1 56	13 45	2 12	16 22	2 48	10 30	1 10	19 3	0 45	10 17	0 46	14 32
W12	23 2	20 37	2 48	25 25	1 59	13 42	2 20	16 21	2 50	10 27	1 10	19 1	0 45	10 17	0 46	14 33
T 13	23 6	21 18	1 40	25 29	2 2	13 40	2 28	16 20	2 53	10 23	1 10	19 0	0 45	10 17	0 46	14 33
F 14	23 10	20 41	0 29	25 31	2 5	13 39	2 36	16 19	2 55	10 20	1 10	18 59	0 45	10 17	0 46	14 34
S 15	23 14	18 58	0n43	25 31	2 7	13 40	2 43	16 18	2 57	10 17	1 10	18 57	0 45	10 17	0 46	14 34
S 16	23 17	16 20	1 50	25 30	2 9	13 40	2 49	16 18	3 0	10 14	1 9	18 56	0 45	10 17	0 46	14 35
M17	23 20	13 1	2 50	25 28	2 11	13 42	2 56	16 18	3 2	10 10	1 9	18 54	0 45	10 17	0 46	14 35
T 18	23 22	9 13	3 41	25 24	2 12	13 45	3 2	16 18	3 4	10 7	1 9	18 53	0 45	10 18	0 46	14 36
W19	23 24	5 8	4 22	25 19	2 13	13 48	3 8	16 18	3 7	10 4	1 9	18 51	0 45	10 18	0 46	14 36
T 20	23 25	0 53	4 51	25 12	2 14	13 52	3 13	16 19	3 9	10 0	1 9	18 50	0 45	10 18	0 46	14 37
F 21	23 26	3s24	5 8	25 4	2 14	13 57	3 18	16 19	3 11	9 56	1 9	18 48	0 46	10 18	0 46	14 37
S 22	23 27	7 34	5 12	24 54	2 13	14 2	3 22	16 20	3 14	9 53	1 9	18 46	0 46	10 19	0 47	14 37
S 23	23 26	11 30	5 2	24 42	2 13	14 8	3 27	16 22	3 16	9 49	1 8	18 45	0 46	10 19	0 47	14 38
M24	23 26	15 0	4 38	24 29	2 11	14 14	3 31	16 23	3 19	9 45	1 8	18 43	0 46	10 19	0 47	14 38
T 25	23 25	17 55	4 1	24 15	2 9	14 21	3 34	16 25	3 21	9 42	1 8	18 42	0 46	10 19	0 47	14 39
W26	23 23	20 3	3 11	23 59	2 6	14 28	3 38	16 27	3 24	9 38	1 8	18 40	0 46	10 20	0 47	14 39
T 27	23 21	21 10	2 10	23 42	2 3	14 36	3 41	16 30	3 26	9 34	1 8	18 38	0 46	10 20	0 47	14 40
F 28	23 19	21 9	1 1	23 23	1 58	14 44	3 43	16 32	3 29	9 30	1 8	18 37	0 46	10 20	0 47	14 40
S 29	23 16	19 57	0s12	23 4	1 54	14 52	3 46	16 35	3 31	9 26	1 8	18 35	0 46	10 21	0 47	14 41
S 30	23 13	17 34	1 26	22 42	1 48	15 1	3 48	16 38	3 33	9 22	1 7	18 33	0 46	10 21	0 47	14 41
M31	23s 9	14s10	2s36	22s20	1s41	15s10	3n50	16n42	3n36	9s18	1s 7	18s32	0s46	10n22	0n47	14s41

Julian Day Number = 2437999.5, Delta T = 34.43 sec
 Ecliptic obliquity = 23°26'33, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°13'20, Lahiri = 23°20'21