



Astrodienst Ephemeris Tables for the year 1965

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 1965
geocentric

JANUARY 1965

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 41 44	10°22'04"	20♈ 7	19♈ 11	15♈ 50	23♈ 49	16°R15	1♈ 17	14°R47	19♈ 19	16°R17	23°R 3	21♈ 58	9♈ 9	14♈ 48	F 1
S 2	6 45 41	11°23'14"	1♈ 55	19°39	17° 5	24° 6	16♈ 14	1°23	14♈ 46	19°21	16♈ 17	23♈ 3	21°55	9°16	14°50	S 2
S 3	6 49 37	12°24'25"	13°42	20°13	18°20	24°22	16°12	1°28	14°46	19°22	16°16	23° 1	21°52	9°23	14°52	S 3
M 4	6 53 34	13°25'36"	25°31	20°53	19°35	24°37	16°11	1°34	14°45	19°24	16°16	22°59	21°49	9°29	14°54	M 4
T 5	6 57 30	14°26'47"	7♈ 24	21°38	20°50	24°52	16° 9	1°40	14°44	19°25	16°15	22°56	21°46	9°36	14°56	T 5
W 6	7 1 127	15°27'57"	19°22	22°28	22° 5	25° 7	16° 8	1°46	14°43	19°27	16°14	22°52	21°43	9°43	14°59	W 6
T 7	7 5 23	16°29'07"	1♈ 28	23°21	23°20	25°21	16° 7	1°51	14°42	19°28	16°14	22°48	21°39	9°49	15° 1	T 7
F 8	7 9 20	17°30'17"	13°45	24°19	24°35	25°35	16° 7	1°57	14°41	19°30	16°13	22°44	21°36	9°56	15° 3	F 8
S 9	7 13 16	18°31'27"	26°14	25°20	25°50	25°48	16° 6	2° 3	14°40	19°31	16°13	22°41	21°33	10° 3	15° 6	S 9
S 10	7 17 13	19°32'35"	9♈ 0	26°24	27° 5	26° 0	16°D 6	2° 9	14°39	19°32	16°12	22°39	21°30	10° 9	15° 8	S 10
M 11	7 21 10	20°33'44"	22° 6	27°30	28°20	26°12	16° 6	2°15	14°38	19°34	16°11	22°D39	21°27	10°16	15°11	M 11
T 12	7 25 6	21°34'51"	5♈ 34	28°39	29°35	26°24	16° 6	2°21	14°37	19°35	16°10	22°39	21°24	10°22	15°13	T 12
W 13	7 29 3	22°35'59"	19°26	29°50	0♈ 50	26°34	16° 7	2°27	14°35	19°36	16°10	22°41	21°20	10°29	15°16	W 13
T 14	7 32 59	23°37'05"	3♈ 44	1♈ 3	2° 5	26°45	16° 8	2°34	14°34	19°37	16° 9	22°42	21°17	10°36	15°18	T 14
F 15	7 36 56	24°38'11"	18°25	2°18	3°20	26°54	16° 8	2°40	14°33	19°39	16° 8	22°R43	21°14	10°42	15°21	F 15
S 16	7 40 52	25°39'16"	3♈ 25	3°34	4°35	27° 4	16° 9	2°46	14°31	19°40	16° 7	22°43	21°11	10°49	15°23	S 16
S 17	7 44 49	26°40'21"	18°36	4°52	5°50	27°12	16°11	2°52	14°30	19°41	16° 6	22°41	21° 8	10°56	15°26	S 17
M 18	7 48 46	27°41'25"	3♈ 50	6°11	7° 5	27°20	16°12	2°59	14°28	19°42	16° 5	22°37	21° 4	11° 2	15°29	M 18
T 19	7 52 42	28°42'28"	18°55	7°31	8°20	27°27	16°14	3° 5	14°27	19°43	16° 4	22°32	21° 1	11° 9	15°32	T 19
W 20	7 56 39	29°43'31"	3♈ 43	8°53	9°35	27°34	16°16	3°12	14°25	19°44	16° 4	22°26	20°58	11°16	15°34	W 20
T 21	8 0 35	0♈ 44'33"	18° 7	10°15	10°50	27°40	16°18	3°18	14°24	19°45	16° 3	22°21	20°55	11°22	15°37	T 21
F 22	8 4 32	1°45'35"	2♈ 1	11°39	12° 5	27°45	16°20	3°25	14°22	19°46	16° 2	22°16	20°52	11°29	15°40	F 22
S 23	8 8 28	2°46'37"	15°26	13° 3	13°20	27°50	16°23	3°31	14°20	19°47	16° 0	22°12	20°49	11°36	15°43	S 23
S 24	8 12 25	3°47'37"	28°24	14°28	14°35	27°54	16°25	3°38	14°18	19°48	15°59	22°D11	20°45	11°42	15°46	S 24
M 25	8 16 21	4°48'38"	10♈ 58	15°54	15°50	27°57	16°28	3°45	14°17	19°49	15°58	22°11	20°42	11°49	15°49	M 25
T 26	8 20 18	5°49'38"	23°12	17°21	17° 5	28° 0	16°31	3°52	14°15	19°50	15°57	22°12	20°39	11°56	15°52	T 26
W 27	8 24 15	6°50'37"	5♈ 13	18°49	18°20	28° 1	16°34	3°58	14°13	19°51	15°56	22°14	20°36	12° 2	15°55	W 27
T 28	8 28 11	7°51'36"	17° 4	20°18	19°35	28° 2	16°38	4° 5	14°11	19°51	15°55	22°R15	20°33	12° 9	15°58	T 28
F 29	8 32 8	8°52'34"	28°51	21°47	20°51	28°R 3	16°42	4°12	14° 9	19°52	15°54	22°15	20°30	12°16	16° 1	F 29
S 30	8 36 4	9°53'31"	10♈ 37	23°17	22° 6	28° 2	16°45	4°19	14° 7	19°53	15°53	22°13	20°26	12°22	16° 4	S 30
S 31	8 40 1	10°54'28"	22♈ 26	24♈ 48	23♈ 21	28♈ 1	16♈ 49	4♈ 26	14♈ 5	19♈ 54	15♈ 51	22♈ 8	20♈ 23	12♈ 29	16♈ 7	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23s 2	22s48	0n16	20s18	2n43	21s45	0n57	5n 3	2n50	15n42	1 s 3	12s30	1 s35	6n43	0n47	15s54	1n44	18n34	14n20
S 2	22 57	24 15	0s49	20 27	2 36	21 55	0 54	4 58	2 51	15 41	1 3	12 28	1 35	6 44	0 48	15 54	1 44	18 35	14 20
S 3	22 52	24 35	1 52	20 37	2 28	22 4	0 52	4 53	2 53	15 41	1 3	12 26	1 35	6 44	0 48	15 55	1 44	18 36	14 21
M 4	22 46	23 49	2 50	20 48	2 20	22 13	0 49	4 48	2 54	15 41	1 2	12 24	1 35	6 44	0 48	15 55	1 44	18 36	14 21
T 5	22 40	21 59	3 41	20 59	2 12	22 21	0 47	4 44	2 56	15 41	1 2	12 22	1 35	6 45	0 48	15 55	1 44	18 37	14 22
W 6	22 33	19 10	4 23	21 11	2 3	22 28	0 44	4 39	2 57	15 41	1 2	12 19	1 35	6 45	0 48	15 56	1 44	18 37	14 22
T 7	22 26	15 31	4 53	21 23	1 54	22 35	0 42	4 35	2 59	15 41	1 1	12 17	1 35	6 46	0 48	15 56	1 44	18 38	14 23
F 8	22 18	11 10	5 10	21 34	1 45	22 41	0 39	4 31	3 0	15 41	1 1	12 15	1 35	6 46	0 48	15 56	1 44	18 39	14 23
S 9	22 10	6 18	5 14	21 46	1 36	22 46	0 36	4 27	3 2	15 41	1 1	12 13	1 35	6 46	0 48	15 57	1 44	18 39	14 24
S 10	22 1	1 3	5 2	21 57	1 27	22 51	0 34	4 24	3 3	15 42	1 1	12 11	1 34	6 47	0 48	15 57	1 44	18 40	14 24
M 11	21 52	4n22	4 34	22 8	1 18	22 55	0 31	4 20	3 5	15 42	1 0	12 9	1 34	6 47	0 48	15 57	1 44	18 41	14 25
T 12	21 43	9 45	3 51	22 18	1 9	22 58	0 29	4 17	3 7	15 42	1 0	12 6	1 34	6 48	0 48	15 58	1 44	18 42	14 25
W 13	21 33	14 49	2 53	22 27	0 59	23 0	0 26	4 14	3 8	15 43	1 0	12 4	1 34	6 48	0 48	15 58	1 44	18 42	14 25
T 14	21 23	19 14	1 42	22 36	0 51	23 2	0 23	4 12	3 10	15 43	0 59	12 2	1 34	6 49	0 48	15 58	1 44	18 43	14 26
F 15	21 12	22 33	0 24	22 44	0 42	23 3	0 21	4 9	3 11	15 44	0 59	12 0	1 34	6 49	0 48	15 58	1 44	18 44	14 26
S 16	21 1	24 22	0n58	22 51	0 33	23 4	0 18	4 7	3 13	15 44	0 59	11 57	1 34	6 50	0 48	15 59	1 44	18 44	14 27
S 17	20 50	24 25	2 17	22 57	0 24	23 3	0 15	4 5	3 15	15 45	0 59	11 55	1 34	6 51	0 48	15 59	1 44	18 45	14 27
M 18	20 38	22 38	3 26	23 2	0 16	23 2	0 13	4 4	3 16	15 46	0 58	11 53	1 34	6 51	0 48	15 59	1 44	18 46	14 27
T 19	20 25	19 16	4 20	23 6	0 8	23 1	0 10	4 2	3 18	15 46	0 58	11 50	1 34	6 52	0 48	15 59	1 45	18 47	14 28
W 20	20 13	14 43	4 55	23 9	0s 1	22 58	0 8	4 1	3 19	15 47	0 58	11 48	1 34	6 53	0 48	16 0	1 45	18 47	14 28
T 21	20 0	9 27	5 10	23 11	0 9	22 55	0 5	4 0	3 21	15 48	0 57	11 45	1 34	6 53	0 48	16 0	1 45	18 48	14 29
F 22	19 46	3 53	5 7	23 12	0 16	22 51	0 2	3 59	3 23	15 49	0 57	11 43	1 34	6 54	0 48	16 0	1 45	18 49	14 29
S 23	19 33	1s41	4 46	23 12	0 24	22 47	0s 0	3 59	3 24	15 50	0 57	11 41	1 34	6 55	0 48	16 0	1 45	18 50	14 29
S 24	19 18	6 59	4 11	23 11	0 31	22 42	0 3	3 59	3 26	15 51	0 57	11 38	1 34	6 55	0 48	16 1	1 45	18 50	14 30
M 25	19 4	11 52	3 25	23 8	0 38	22 36	0 5	3 59	3 27	15 52	0 56	11 36	1 34	6 56	0 48	16 1	1 45	18 51	14 30
T 26	18 49	16 8	2 31	23 4	0 45	22 29	0 8	4 0	3 29	15 53	0 56	11 33	1 34	6 57	0 48	16 1	1 45	18 52	14 31
W 27	18 34	19 41	1 31	22 59	0 52	22 22	0 11	4 0	3 31	15 54	0 56	11 31	1 34	6 57	0 48	16 1	1 45	18 53	14 31
T 28	18 18	22 21	0 28	22 52	0 59	22 14	0 13	4 1	3 32	15 56	0 55	11 28	1 34	6 58	0 48	16 1	1 45	18 53	14 31
F 29	18 3	24 2	0s36	22 45	1 5	22 5	0 16	4 3	3 34	15 57	0 55	11 26	1 34	6 59	0 48	16 1	1 45	18 54	14 32
S 30	17 46	24 39	1 38	22 36	1 11	21 56	0 18	4 4	3 35	15 58	0 55	11 23	1 34	7 0	0 49	16 1	1 45	18 55	14 32
S 31	17s30	24s 8	2s36	22s25	1s16	21s46	0s21	4n 6	3n37	16n 0	0s55	11s21	1s34	7n 1	0n49	16s 2	1n45	18n56	14n32

Julian Day Number = 2438761.5, Delta T = 35.73 sec
Ecliptic obliquity = 23°26'39", Nutation = - 0°00'17", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°15'05", Lahiri = 23°22'06"

ASTRODIENST EPHEMERIS for the year 1965

geocentric

FEBRUARY 1965

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 43 57	11°55'23	4°20	26°30	24°36	27°R59	16°54	4°33	14°R 3	19°M54	15°R50	22°R 1	20°II20	12°36	16°11	M 1
T 2	8 47 54	12°56'18	16°21	27°52	25°51	27°M57	16°58	4°40	14°M 1	19°55	15°M49	21°II53	20°17	12°42	16°14	T 2
W 3	8 51 50	13°57'11	28°30	29°25	27° 6	27°53	17° 3	4°47	13°59	19°56	15°48	21°42	20°14	12°49	16°17	W 3
T 4	8 55 47	14°58'03	10°49	0°59	28°21	27°49	17° 7	4°54	13°57	19°56	15°46	21°32	20°10	12°56	16°20	T 4
F 5	8 59 44	15°58'54	23°18	2°33	29°36	27°44	17°12	5° 1	13°54	19°57	15°45	21°22	20° 7	13° 2	16°24	F 5
S 6	9 3 40	16°59'43	5°Y59	4° 8	0°51	27°38	17°17	5° 8	13°52	19°57	15°44	21°13	20° 4	13° 9	16°27	S 6
S 7	9 7 37	18° 0'31	18°52	5°44	2° 6	27°31	17°23	5°15	13°50	19°58	15°42	21° 7	20° 1	13°16	16°30	S 7
M 8	9 11 33	19° 1'18	1°59	7°21	3°21	27°24	17°28	5°22	13°48	19°58	15°41	21° 3	19°58	13°22	16°34	M 8
T 9	9 15 30	20° 2'03	15°23	8°58	4°36	27°15	17°34	5°29	13°45	19°58	15°40	21°D 2	19°55	13°29	16°37	T 9
W10	9 19 26	21° 2'46	29° 4	10°37	5°51	27° 6	17°40	5°36	13°43	19°59	15°38	21° 2	19°51	13°35	16°40	W10
T 11	9 23 23	22° 3'28	13°II 6	12°16	7° 6	26°57	17°46	5°43	13°41	19°59	15°37	21° 2	19°48	13°42	16°44	T 11
F 12	9 27 19	23° 4'08	27°26	13°56	8°21	26°46	17°52	5°51	13°38	19°59	15°35	21°R 3	19°45	13°49	16°47	F 12
S 13	9 31 16	24° 4'47	12°5	15°37	9°36	26°35	17°58	5°58	13°36	20° 0	15°34	21° 1	19°42	13°55	16°51	S 13
S 14	9 35 13	25° 5'24	26°57	17°18	10°51	26°23	18° 5	6° 5	13°33	20° 0	15°32	20°57	19°39	14° 2	16°54	S 14
M15	9 39 9	26° 5'59	11°55	19° 1	12° 6	26°10	18°11	6°12	13°31	20° 0	15°31	20°50	19°36	14° 9	16°58	M15
T 16	9 43 6	27° 6'32	26°51	20°44	13°21	25°56	18°18	6°20	13°28	20° 0	15°29	20°40	19°32	14°15	17° 1	T 16
W17	9 47 2	28° 7'05	11°M36	22°28	14°36	25°42	18°25	6°27	13°26	20° 0	15°28	20°30	19°29	14°22	17° 5	W17
T 18	9 50 59	29° 7'35	26° 1	24°13	15°51	25°27	18°32	6°34	13°23	20° 0	15°27	20°19	19°26	14°29	17° 8	T 18
F 19	9 54 55	0°X 8'04	10°A 1	26° 0	17° 6	25°11	18°39	6°41	13°21	20° 0	15°25	20° 9	19°23	14°35	17°12	F 19
S 20	9 58 52	1° 8'32	23°33	27°47	18°21	24°55	18°47	6°49	13°18	20°R 0	15°23	20° 1	19°20	14°42	17°16	S 20
S 21	10 2 48	2° 8'59	6°M37	29°34	19°36	24°38	18°54	6°56	13°16	20° 0	15°22	19°56	19°16	14°49	17°19	S 21
M22	10 6 45	3° 9'24	19°15	1°X23	20°51	24°20	19° 2	7° 3	13°13	20° 0	15°20	19°53	19°13	14°55	17°23	M22
T 23	10 10 41	4° 9'48	1°X33	3°13	22° 6	24° 2	19°10	7°11	13°11	20° 0	15°19	19°D52	19°10	15° 2	17°26	T 23
W24	10 14 38	5°10'10	13°35	5° 4	23°21	23°43	19°18	7°18	13° 8	20° 0	15°17	19°R52	19° 7	15° 9	17°30	W24
T 25	10 18 35	6°10'31	25°26	6°55	24°36	23°23	19°26	7°25	13° 5	20° 0	15°16	19°52	19° 4	15°15	17°34	T 25
F 26	10 22 31	7°10'51	7°313	8°47	25°51	23° 3	19°34	7°33	13° 3	20° 0	15°14	19°51	19° 1	15°22	17°37	F 26
S 27	10 26 28	8°11'09	19° 1	10°40	27° 5	22°42	19°43	7°40	13° 0	20° 0	15°13	19°48	18°57	15°29	17°41	S 27
S 28	10 30 24	9°X11'26	0°52	12°X34	28°20	22°M21	19°51	7°X47	12°M58	19°M59	15°M11	19°II41	18°II54	15°35	17°X45	S 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	17s13	22s32	3s27	22s14	1s22	21s35	0s23	4n 8	3n38	16n 1	0s54	11s18	1s34	7n 1	0n49	16s 2	M 1
T 2	16 56	19 54	4 10	22 1	1 27	21 24	0 25	4 11	3 40	16 3	0 54	11 16	1 34	7 2	0 49	16 2	T 2
W 3	16 39	16 23	4 41	21 47	1 32	21 12	0 28	4 14	3 41	16 4	0 54	11 13	1 34	7 3	0 49	16 2	W 3
T 4	16 21	12 8	5 0	21 31	1 37	20 59	0 30	4 17	3 43	16 6	0 54	11 10	1 34	7 4	0 49	16 2	T 4
F 5	16 3	7 20	5 5	21 14	1 41	20 46	0 32	4 20	3 44	16 7	0 53	11 8	1 34	7 5	0 49	16 2	F 5
S 6	15 45	2 9	4 56	20 55	1 45	20 32	0 35	4 24	3 46	16 9	0 53	11 5	1 34	7 6	0 49	16 2	S 6
S 7	15 26	3n13	4 31	20 36	1 49	20 18	0 37	4 27	3 47	16 11	0 53	11 3	1 34	7 7	0 49	16 2	S 7
M 8	15 7	8 33	3 51	20 14	1 52	20 3	0 39	4 32	3 48	16 13	0 52	11 0	1 34	7 8	0 49	16 2	M 8
T 9	14 48	13 36	2 59	19 52	1 55	19 47	0 41	4 36	3 50	16 14	0 52	10 57	1 34	7 8	0 49	16 2	T 9
W10	14 29	18 5	1 55	19 28	1 58	19 31	0 44	4 41	3 51	16 16	0 52	10 55	1 34	7 9	0 49	16 2	W10
T 11	14 10	21 40	0 42	19 3	2 0	19 14	0 46	4 46	3 52	16 18	0 52	10 52	1 34	7 10	0 49	16 2	T 11
F 12	13 50	23 59	0n34	18 36	2 2	18 57	0 48	4 51	3 53	16 20	0 51	10 50	1 34	7 11	0 49	16 2	F 12
S 13	13 30	24 43	1 50	18 8	2 4	18 39	0 50	4 57	3 55	16 22	0 51	10 47	1 34	7 12	0 49	16 2	S 13
S 14	13 10	23 42	2 59	17 38	2 5	18 21	0 52	5 3	3 56	16 24	0 51	10 44	1 34	7 13	0 49	16 2	S 14
M15	12 49	21 0	3 56	17 7	2 6	18 2	0 54	5 9	3 57	16 26	0 51	10 42	1 34	7 14	0 49	16 2	M15
T 16	12 29	16 54	4 37	16 35	2 6	17 42	0 56	5 15	3 58	16 28	0 50	10 39	1 34	7 15	0 49	16 2	T 16
W17	12 8	11 49	4 59	16 1	2 6	17 22	0 57	5 21	3 59	16 31	0 50	10 36	1 34	7 16	0 49	16 2	W17
T 18	11 47	6 11	5 1	15 25	2 6	17 2	0 59	5 28	3 59	16 33	0 50	10 34	1 34	7 17	0 49	16 2	T 18
F 19	11 26	0 24	4 45	14 49	2 5	16 41	1 1	5 35	4 0	16 35	0 50	10 31	1 34	7 18	0 49	16 2	F 19
S 20	11 4	5s13	4 13	14 11	2 3	16 20	1 3	5 42	4 1	16 37	0 49	10 28	1 34	7 19	0 49	16 2	S 20
S 21	10 43	10 26	3 29	13 31	2 2	15 58	1 4	5 50	4 2	16 40	0 49	10 26	1 34	7 20	0 49	16 2	S 21
M22	10 21	15 3	2 35	12 50	1 59	15 35	1 6	5 57	4 2	16 42	0 49	10 23	1 34	7 21	0 49	16 2	M22
T 23	9 59	18 55	1 36	12 8	1 56	15 13	1 7	6 5	4 3	16 44	0 49	10 20	1 34	7 22	0 49	16 2	T 23
W24	9 37	21 53	0 33	11 25	1 53	14 49	1 9	6 13	4 3	16 47	0 49	10 18	1 34	7 23	0 49	16 2	W24
T 25	9 15	23 51	0s30	10 40	1 49	14 26	1 10	6 21	4 4	16 49	0 48	10 15	1 34	7 24	0 49	16 2	T 25
F 26	8 53	24 45	1 31	9 54	1 45	14 2	1 12	6 29	4 4	16 52	0 48	10 12	1 35	7 25	0 49	16 2	F 26
S 27	8 30	24 32	2 28	9 6	1 40	13 38	1 13	6 38	4 4	16 54	0 48	10 10	1 35	7 26	0 49	16 2	S 27
S 28	8s 8	23s12	3s19	8s18	1s34	13s13	1s14	6n46	4n 4	16n57	0s48	10s 7	1s35	7n27	0n49	16s 2	S 28

Julian Day Number = 2438792.5, Delta T = 35.80 sec

Ecliptic obliquity = 23°26'39", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°15'09", Lahiri = 23°22'10"

ASTRODIENST EPHEMERIS for the year 1965
geocentric

MARCH 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 34 21	10°11'41"	12°53'53"	14°29'29"	29°35'35"	22°R 0	20°S 0	7°H 55	12°R55	19°R59	15°R 9	19°R32	18°II51	15°S42	17°H48	M 1
T 2	10 38 17	11°11'54"	25° 3	16°24	0°H50	21°H38	20° 9	8° 2	12°H52	19°H59	15°H 8	19°II21	18°48	15°49	17°52	T 2
W 3	10 42 14	12°12'06"	7°H26	18°19	2° 5	21°15	20°18	8° 9	12°50	19°58	15° 6	19° 7	18°45	15°55	17°56	W 3
T 4	10 46 10	13°12'16"	20° 1	20°15	3°20	20°53	20°27	8°16	12°47	19°58	15° 5	18°53	18°42	16° 2	17°59	T 4
F 5	10 50 7	14°12'24"	2°H49	22°10	4°35	20°30	20°36	8°24	12°44	19°58	15° 3	18°40	18°38	16° 9	18° 3	F 5
S 6	10 54 4	15°12'30"	15°49	24° 6	5°50	20° 7	20°46	8°31	12°42	19°57	15° 2	18°28	18°35	16°15	18° 7	S 6
S 7	10 58 0	16°12'33"	28°59	26° 1	7° 4	19°43	20°55	8°38	12°39	19°57	15° 0	18°19	18°32	16°22	18°10	S 7
M 8	11 1 57	17°12'35"	12°S21	27°56	8°19	19°20	21° 5	8°46	12°37	19°56	14°58	18°13	18°29	16°29	18°14	M 8
T 9	11 5 53	18°12'35"	25°53	29°49	9°34	18°56	21°14	8°53	12°34	19°56	14°57	18°10	18°26	16°35	18°18	T 9
W10	11 9 50	19°12'33"	9°II36	1°H41	10°49	18°32	21°24	9° 0	12°31	19°55	14°55	18° 9	18°22	16°42	18°22	W10
T 11	11 13 46	20°12'28"	23°32	3°32	12° 4	18° 9	21°34	9° 7	12°29	19°55	14°54	18° 9	18°19	16°49	18°25	T 11
F 12	11 17 43	21°12'22"	7°S39	5°20	13°18	17°45	21°44	9°15	12°26	19°54	14°52	18° 8	18°16	16°55	18°29	F 12
S 13	11 21 39	22°12'13"	21°57	7° 5	14°33	17°22	21°54	9°22	12°24	19°53	14°50	18° 6	18°13	17° 2	18°33	S 13
S 14	11 25 36	23°12'02"	6°S25	8°48	15°48	16°58	22° 5	9°29	12°21	19°53	14°49	18° 1	18°10	17° 9	18°36	S 14
M15	11 29 33	24°11'48"	20°57	10°26	17° 3	16°35	22°15	9°36	12°18	19°52	14°47	17°53	18° 7	17°15	18°40	M15
T 16	11 33 29	25°11'33"	5°H29	12° 1	18°17	16°12	22°26	9°43	12°16	19°51	14°46	17°43	18° 3	17°22	18°44	T 16
W17	11 37 26	26°11'15"	19°54	13°31	19°32	15°49	22°36	9°50	12°13	19°50	14°44	17°32	18° 0	17°29	18°47	W17
T 18	11 41 22	27°10'55"	4°S4	14°56	20°47	15°26	22°47	9°58	12°11	19°50	14°43	17°19	17°57	17°35	18°51	T 18
F 19	11 45 19	28°10'33"	17°55	16°15	22° 1	15° 4	22°58	10° 5	12° 8	19°49	14°41	17° 8	17°54	17°42	18°55	F 19
S 20	11 49 15	29°10'09"	1°H22	17°29	23°16	14°42	23° 9	10°12	12° 6	19°48	14°40	16°59	17°51	17°49	18°58	S 20
S 21	11 53 12	0°H9	14°25	18°36	24°31	14°21	23°20	10°19	12° 3	19°47	14°38	16°53	17°47	17°55	19° 2	S 21
M22	11 57 8	1° 9'17"	27° 5	19°36	25°45	14° 0	23°31	10°26	12° 1	19°46	14°37	16°49	17°44	18° 2	19° 6	M22
T 23	12 1 5	2° 8'48"	9°S26	20°30	27° 0	13°40	23°42	10°33	11°59	19°45	14°35	16°47	17°41	18° 9	19° 9	T 23
W24	12 5 2	3° 8'17"	21°30	21°16	28°15	13°20	23°53	10°40	11°56	19°44	14°34	16°D47	17°38	18°15	19°13	W24
T 25	12 8 58	4° 7'44"	3°S24	21°55	29°29	13° 0	24° 4	10°47	11°54	19°43	14°32	16°R47	17°35	18°22	19°16	T 25
F 26	12 12 55	5° 7'10"	15°13	22°26	0°H44	12°41	24°16	10°54	11°51	19°42	14°31	16°47	17°32	18°29	19°20	F 26
S 27	12 16 51	6° 6'34"	27° 3	22°50	1°58	12°23	24°27	11° 1	11°49	19°41	14°29	16°45	17°28	18°35	19°24	S 27
S 28	12 20 48	7° 5'56"	8°S57	23° 6	3°13	12° 5	24°39	11° 7	11°47	19°40	14°28	16°40	17°25	18°42	19°27	S 28
M29	12 24 44	8° 5'16"	21° 2	23°14	4°28	11°48	24°51	11°14	11°45	19°39	14°26	16°33	17°22	18°49	19°31	M29
T 30	12 28 41	9° 4'35"	3°H20	23°R15	5°42	11°32	25° 2	11°21	11°42	19°38	14°25	16°24	17°19	18°55	19°34	T 30
W31	12 32 37	10°H351	15°H54	23°H 8	6°H57	11°H16	25°S14	11°H28	11°H40	19°H37	14°H23	16°H13	17°H16	19°S 2	19°H38	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	7s45	20s49	4s 2	7s28	1s28	12s48	1s16	6m55	4n 4	16n59	0s47	10s 4	1s35	7n28	0n49	16s 1
T 2	7 22	17 28	4 34	6 37	1 21	12 22	1 17	7 3	4 4	17 2	0 47	10 1	1 35	7 29	0 49	16 1
W 3	6 59	13 19	4 54	5 45	1 14	11 57	1 18	7 12	4 4	17 4	0 47	9 59	1 35	7 30	0 49	16 1
T 4	6 36	8 33	5 0	4 53	1 6	11 31	1 19	7 21	4 4	17 7	0 47	9 56	1 35	7 31	0 49	16 1
F 5	6 13	3 20	4 51	3 59	0 58	11 4	1 20	7 29	4 3	17 10	0 46	9 53	1 35	7 32	0 49	16 1
S 6	5 50	2n 7	4 27	3 5	0 49	10 38	1 21	7 38	4 3	17 12	0 46	9 51	1 35	7 33	0 49	16 1
S 7	5 27	7 33	3 48	2 11	0 39	10 11	1 21	7 47	4 2	17 15	0 46	9 48	1 35	7 34	0 49	16 1
M 8	5 3	12 44	2 57	1 16	0 29	9 43	1 22	7 55	4 1	17 18	0 46	9 45	1 35	7 35	0 49	16 0
T 9	4 40	17 22	1 55	0 21	0 18	9 16	1 23	8 4	4 1	17 20	0 46	9 43	1 35	7 36	0 49	16 0
W10	4 16	21 9	0 45	0n34	0 7	8 48	1 24	8 13	4 0	17 23	0 45	9 40	1 35	7 37	0 49	16 0
T 11	3 53	23 46	0n28	1 29	0n 5	8 20	1 24	8 21	3 59	17 26	0 45	9 37	1 35	7 38	0 49	16 0
F 12	3 29	24 54	1 41	2 23	0 17	7 52	1 25	8 29	3 58	17 29	0 45	9 35	1 35	7 39	0 49	15 59
S 13	3 6	24 25	2 48	3 16	0 30	7 24	1 25	8 37	3 57	17 32	0 45	9 32	1 36	7 40	0 49	15 59
S 14	2 42	22 19	3 46	4 8	0 42	6 55	1 26	8 45	3 55	17 34	0 45	9 29	1 36	7 41	0 49	15 59
M15	2 18	18 45	4 28	4 59	0 55	6 26	1 26	8 53	3 54	17 37	0 44	9 27	1 36	7 42	0 49	15 59
T 16	1 55	14 3	5 4	5 48	1 8	5 57	1 26	9 1	3 52	17 40	0 44	9 24	1 36	7 43	0 49	15 59
W17	1 31	8 36	5 0	6 35	1 21	5 28	1 26	9 8	3 51	17 43	0 44	9 22	1 36	7 44	0 49	15 58
T 18	1 7	2 47	4 48	7 20	1 34	4 59	1 26	9 16	3 49	17 46	0 44	9 19	1 36	7 45	0 49	15 58
F 19	0 44	3s 2	4 19	8 2	1 47	4 29	1 27	9 23	3 48	17 49	0 44	9 16	1 36	7 46	0 49	15 58
S 20	0 20	8 34	3 36	8 42	1 59	4 0	1 27	9 30	3 46	17 52	0 43	9 14	1 36	7 47	0 49	15 57
S 21	0n 4	13 35	2 43	9 18	2 11	3 30	1 27	9 36	3 44	17 55	0 43	9 11	1 36	7 48	0 49	15 57
M22	0 28	17 51	1 43	9 52	2 22	3 1	1 26	9 43	3 42	17 58	0 43	9 9	1 36	7 49	0 49	15 57
T 23	0 51	21 14	0 39	10 22	2 33	2 31	1 26	9 49	3 40	18 0	0 43	9 6	1 36	7 49	0 49	15 57
W24	1 15	23 35	0s25	10 49	2 43	2 1	1 26	9 55	3 38	18 3	0 43	9 4	1 37	7 50	0 49	15 56
T 25	1 38	24 51	1 27	11 11	2 52	1 31	1 26	10 0	3 36	18 6	0 43	9 1	1 37	7 51	0 49	15 56
F 26	2 2	24 59	2 25	11 31	3 0	1 1	1 25	10 5	3 34	18 9	0 42	8 58	1 37	7 52	0 49	15 56
S 27	2 26	23 58	3 17	11 46	3 6	0 31	1 25	10 10	3 32	18 12	0 42	8 56	1 37	7 53	0 49	15 55
S 28	2 49	21 53	4 0	11 57	3 12	0 1	1 24	10 15	3 29	18 15	0 42	8 53	1 37	7 54	0 49	15 55
M29	3 13	18 48	4 34	12 4	3 16	0n29	1 24	10 20	3 27	18 18	0 42	8 51	1 37	7 55	0 49	15 55
T 30	3 36	14 52	4 55	12 7	3 19	1 0	1 23	10 24	3 25	18 21	0 42	8 49	1 37	7 56	0 49	15 54
W31	3n59	10s12	5s 3	12n 6	3n20	1n30	1s22	10n27	3n22	18n24	0s42	8s46	1s37	7n56	0n49	15s54

Julian Day Number = 2438820.5, Delta T = 35.86 sec
Ecliptic obliquity = 23°26'40", Nutation = - 0°00'16", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°15'13", Lahiri = 23°22'14"

ASTRODIENST EPHEMERIS for the year 1965

geocentric

APRIL 1965

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	4n22	5s 1	4s55	12n 1	3n20	2n 0	1s22	10n31	3n20	18n27	0s41	8s44	1s38	7n57	0n49	T 1
F 2	4 46	0n31	4 32	11 52	3 18	2 30	1 21	10 34	3 17	18 30	0 41	8 41	1 38	7 58	0 49	F 2
S 3	5 9	6 7	3 54	11 39	3 15	3 0	1 20	10 37	3 15	18 33	0 41	8 39	1 38	7 59	0 49	S 3
S 4	5 32	11 33	3 2	11 22	3 10	3 30	1 19	10 39	3 12	18 36	0 41	8 36	1 38	8 0	0 49	S 4
M 5	5 55	16 30	1 59	11 2	3 3	4 0	1 18	10 42	3 10	18 39	0 41	8 34	1 38	8 0	0 49	M 5
T 6	6 17	20 36	0 48	10 40	2 55	4 29	1 17	10 43	3 7	18 42	0 41	8 32	1 38	8 1	0 49	T 6
W 7	6 40	23 32	0n27	10 14	2 45	4 59	1 16	10 45	3 5	18 45	0 40	8 29	1 38	8 2	0 49	W 7
T 8	7 3	25 2	1 40	9 47	2 33	5 29	1 15	10 46	3 2	18 48	0 40	8 27	1 38	8 3	0 49	T 8
F 9	7 25	24 56	2 48	9 17	2 21	5 58	1 14	10 47	2 59	18 52	0 40	8 25	1 39	8 3	0 48	F 9
S 10	7 47	23 13	3 46	8 47	2 7	6 27	1 12	10 48	2 57	18 55	0 40	8 22	1 39	8 4	0 48	S 10
S 11	8 9	20 3	4 29	8 15	1 52	6 57	1 11	10 48	2 54	18 58	0 40	8 20	1 39	8 5	0 48	S 11
M 12	8 31	15 44	4 57	7 44	1 37	7 26	1 10	10 48	2 52	19 1	0 40	8 18	1 39	8 5	0 48	M 12
T 13	8 53	10 34	5 6	7 13	1 21	7 55	1 8	10 48	2 49	19 4	0 39	8 16	1 39	8 6	0 48	T 13
W 14	9 15	4 55	4 57	6 42	1 4	8 23	1 7	10 47	2 46	19 7	0 39	8 13	1 39	8 7	0 48	W 14
T 15	9 37	0s54	4 31	6 13	0 48	8 52	1 5	10 46	2 44	19 10	0 39	8 11	1 40	8 7	0 48	T 15
F 16	9 58	6 34	3 50	5 45	0 31	9 20	1 4	10 45	2 41	19 13	0 39	8 9	1 40	8 8	0 48	F 16
S 17	10 19	11 51	2 58	5 19	0 14	9 48	1 2	10 44	2 39	19 15	0 39	8 7	1 40	8 8	0 48	S 17
S 18	10 40	16 29	1 57	4 54	0s 2	10 16	1 0	10 42	2 36	19 18	0 39	8 5	1 40	8 9	0 48	S 18
M 19	11 1	20 16	0 52	4 32	0 18	10 44	0 59	10 40	2 33	19 21	0 39	8 3	1 40	8 9	0 48	M 19
T 20	11 22	23 4	0s15	4 13	0 33	11 11	0 57	10 38	2 31	19 24	0 38	8 0	1 40	8 10	0 48	T 20
W 21	11 43	24 46	1 19	3 56	0 48	11 38	0 55	10 35	2 28	19 27	0 38	7 58	1 41	8 10	0 48	W 21
T 22	12 3	25 17	2 20	3 42	1 2	12 5	0 53	10 33	2 26	19 30	0 38	7 56	1 41	8 11	0 48	T 22
F 23	12 23	24 39	3 14	3 30	1 16	12 32	0 51	10 30	2 23	19 33	0 38	7 54	1 41	8 11	0 48	F 23
S 24	12 43	22 55	3 59	3 21	1 29	12 58	0 50	10 26	2 21	19 36	0 38	7 52	1 41	8 12	0 48	S 24
S 25	13 3	20 9	4 35	3 14	1 41	13 24	0 48	10 23	2 18	19 39	0 38	7 50	1 41	8 12	0 48	S 25
M 26	13 22	16 30	4 59	3 10	1 52	13 49	0 46	10 19	2 16	19 42	0 38	7 48	1 41	8 13	0 48	M 26
T 27	13 42	12 6	5 10	3 8	2 2	14 15	0 44	10 15	2 13	19 45	0 38	7 46	1 42	8 13	0 48	T 27
W 28	14 1	7 5	5 6	3 9	2 12	14 40	0 41	10 11	2 11	19 48	0 37	7 44	1 42	8 14	0 48	W 28
T 29	14 20	1 37	4 47	3 13	2 21	15 4	0 39	10 6	2 8	19 51	0 37	7 43	1 42	8 14	0 48	T 29
F 30	14n38	4n 3	4s12	3n18	2s29	15n28	0s37	10n 1	2n 6	19n53	0s37	7s41	1s42	8n14	0n48	F 30

Julian Day Number = 2438851.5, Delta T = 35.92 sec

Ecliptic obliquity = 23°26'40", Nutation = - 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°15'18", Lahiri = 23°22'18"

ASTRODIENST EPHEMERIS for the year 1965
geocentric

MAY 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 51	10♌24'21	3♌59	14♏49	15♏19	9♏27	1♏53	14♏34	10°R50	18°R52	13°R50	14°R 7	15♏37	22♏29	21♏15	S 1
S 2	14 38 47	11°22'36	17°56	15°30	16°33	9°35	2° 6	14°39	10♏49	18♏51	13♏49	14♏4	15°34	22°35	21°18	S 2
M 3	14 42 44	12°20'49	2♏7	16°15	17°47	9°43	2°20	14°44	10°48	18°49	13°48	14° 2	15°31	22°42	21°20	M 3
T 4	14 46 40	13°19'00	16°26	17° 4	19° 1	9°52	2°34	14°49	10°47	18°47	13°48	14°D 1	15°28	22°49	21°23	T 4
W 5	14 50 37	14°17'09	0♏49	17°56	20°15	10° 2	2°47	14°54	10°47	18°46	13°47	14° 2	15°24	22°55	21°26	W 5
T 6	14 54 33	15°15'16	15°11	18°51	21°29	10°13	3° 1	14°59	10°46	18°44	13°46	14° 3	15°21	23° 2	21°28	T 6
F 7	14 58 30	16°13'22	29°31	19°49	22°43	10°24	3°15	15° 4	10°45	18°43	13°46	14° 5	15°18	23° 9	21°31	F 7
S 8	15 2 26	17°11'25	13♏43	20°50	23°56	10°35	3°29	15° 8	10°45	18°41	13°45	14°R 5	15°15	23°15	21°33	S 8
S 9	15 6 23	18° 9'27	27°48	21°54	25°10	10°47	3°42	15°13	10°44	18°39	13°45	14° 5	15°12	23°22	21°35	S 9
M10	15 10 20	19° 7'26	11♏42	23° 1	26°24	11° 0	3°56	15°18	10°44	18°38	13°44	14° 4	15° 9	23°29	21°38	M10
T 11	15 14 16	20° 5'24	25°26	24°11	27°38	11°13	4°10	15°22	10°43	18°36	13°44	14° 1	15° 5	23°35	21°40	T 11
W12	15 18 13	21° 3'20	8♏57	25°23	28°52	11°27	4°24	15°26	10°43	18°34	13°43	13°58	15° 2	23°42	21°42	W12
T 13	15 22 9	22° 1'14	22°16	26°38	0♏6	11°41	4°38	15°31	10°43	18°33	13°43	13°55	14°59	23°49	21°44	T 13
F 14	15 26 6	22°59'06	5♏20	27°55	1°20	11°56	4°52	15°35	10°42	18°31	13°43	13°52	14°56	23°55	21°47	F 14
S 15	15 30 2	23°56'57	18°10	29°15	2°33	12°11	5° 5	15°39	10°42	18°30	13°42	13°49	14°53	24° 2	21°49	S 15
S 16	15 33 59	24°54'46	0♏46	0♏37	3°47	12°27	5°19	15°43	10°42	18°28	13°42	13°48	14°50	24° 9	21°51	S 16
M17	15 37 55	25°52'34	13° 8	2° 1	5° 1	12°43	5°33	15°47	10°42	18°26	13°42	13°D48	14°46	24°15	21°53	M17
T 18	15 41 52	26°50'21	25°19	3°28	6°15	13° 0	5°47	15°51	10°42	18°25	13°42	13°48	14°43	24°22	21°55	T 18
W19	15 45 49	27°48'06	7♏20	4°57	7°28	13°17	6° 1	15°55	10°D42	18°23	13°41	13°49	14°40	24°29	21°57	W19
T 20	15 49 45	28°45'51	19°13	6°29	8°42	13°34	6°15	15°59	10°42	18°21	13°41	13°50	14°37	24°35	21°59	T 20
F 21	15 53 42	29°43'34	1♏ 4	8° 2	9°56	13°52	6°29	16° 2	10°42	18°20	13°41	13°51	14°34	24°42	22° 1	F 21
S 22	15 57 38	0♏41'16	12°55	9°38	11°10	14°11	6°43	16° 6	10°42	18°18	13°41	13°53	14°30	24°49	22° 2	S 22
S 23	16 1 35	1°38'56	24°52	11°16	12°23	14°30	6°57	16° 9	10°42	18°17	13°41	13°53	14°27	24°56	22° 4	S 23
M24	16 5 31	2°36'36	6♏58	12°57	13°37	14°49	7°11	16°13	10°42	18°15	13°41	13°R53	14°24	25° 2	22° 6	M24
T 25	16 9 28	3°34'15	19°19	14°40	14°51	15° 8	7°25	16°16	10°43	18°14	13°D41	13°53	14°21	25° 9	22° 7	T 25
W26	16 13 24	4°31'53	1♏58	16°25	16° 4	15°28	7°39	16°19	10°43	18°12	13°41	13°52	14°18	25°16	22° 9	W26
T 27	16 17 21	5°29'30	14°59	18°12	17°18	15°49	7°53	16°22	10°44	18°10	13°41	13°51	14°15	25°22	22°11	T 27
F 28	16 21 18	6°27'05	28°24	20° 1	18°31	16°10	8° 7	16°25	10°44	18° 9	13°41	13°50	14°11	25°29	22°12	F 28
S 29	16 25 14	7°24'40	12♏13	21°53	19°45	16°31	8°21	16°28	10°45	18° 7	13°41	13°49	14° 8	25°36	22°14	S 29
S 30	16 29 11	8°22'14	26°25	23°47	20°59	16°52	8°35	16°31	10°45	18° 6	13°41	13°49	14° 5	25°42	22°15	S 30
M31	16 33 7	9♏19'48	10♏55	25♏43	22♏12	17♏14	8♏49	16♏34	10♏46	18♏4	13♏41	13°D49	14♏2	25♏49	22♏16	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	14n57	9n42	3s21	3n26	2s36	15n52	0s35	9n56	2n 4	19n56	0s37	7s39	1s42	8n15	0n48	15s41
S 2	15 15	14 59	2 18	3 36	2 43	16 16	0 33	9 51	2 1	19 59	0 37	7 37	1 42	8 15	0 48	15 41
M 3	15 33	19 32	1 5	3 48	2 48	16 39	0 31	9 46	1 59	20 2	0 37	7 35	1 43	8 15	0 48	15 40
T 4	15 50	22 58	0n13	4 2	2 53	17 1	0 28	9 40	1 57	20 5	0 37	7 34	1 43	8 15	0 48	15 40
W 5	16 8	24 57	1 31	4 18	2 58	17 23	0 26	9 34	1 54	20 7	0 37	7 32	1 43	8 16	0 48	15 40
T 6	16 25	25 16	2 43	4 36	3 1	17 45	0 24	9 28	1 52	20 10	0 36	7 30	1 43	8 16	0 48	15 39
F 7	16 42	23 54	3 44	4 55	3 4	18 6	0 22	9 22	1 50	20 13	0 36	7 29	1 43	8 16	0 48	15 39
S 8	16 58	21 2	4 31	5 16	3 6	18 27	0 19	9 16	1 48	20 16	0 36	7 27	1 44	8 16	0 47	15 38
S 9	17 14	16 57	5 1	5 39	3 7	18 47	0 17	9 9	1 46	20 18	0 36	7 25	1 44	8 16	0 47	15 38
M10	17 30	12 0	5 14	6 3	3 8	19 7	0 15	9 2	1 43	20 21	0 36	7 24	1 44	8 17	0 47	15 37
T 11	17 46	6 31	5 8	6 28	3 8	19 26	0 12	8 55	1 41	20 24	0 36	7 22	1 44	8 17	0 47	15 37
W12	18 2	0 49	4 45	6 55	3 7	19 45	0 10	8 48	1 39	20 26	0 36	7 21	1 44	8 17	0 47	15 36
T 13	18 17	4s51	4 7	7 23	3 6	20 3	0 7	8 41	1 37	20 29	0 36	7 19	1 45	8 17	0 47	15 36
F 14	18 31	10 13	3 16	7 52	3 4	20 21	0 5	8 33	1 35	20 32	0 36	7 18	1 45	8 17	0 47	15 36
S 15	18 46	15 3	2 17	8 23	3 1	20 38	0 3	8 25	1 33	20 34	0 35	7 16	1 45	8 17	0 47	15 35
S 16	19 0	19 9	1 11	8 54	2 58	20 55	0 0	8 18	1 31	20 37	0 35	7 15	1 45	8 17	0 47	15 35
M17	19 14	22 19	0 4	9 27	2 55	21 11	0n 2	8 10	1 29	20 39	0 35	7 14	1 46	8 17	0 47	15 34
T 18	19 27	24 25	1s 3	10 0	2 50	21 26	0 5	8 1	1 27	20 42	0 35	7 12	1 46	8 17	0 47	15 34
W19	19 40	25 21	2 6	10 35	2 45	21 41	0 7	7 53	1 25	20 44	0 35	7 11	1 46	8 17	0 47	15 33
T 20	19 53	25 6	3 4	11 10	2 40	21 55	0 10	7 44	1 23	20 47	0 35	7 10	1 46	8 17	0 47	15 33
F 21	20 6	23 42	3 53	11 46	2 34	22 9	0 12	7 36	1 21	20 49	0 35	7 9	1 46	8 17	0 47	15 32
S 22	20 18	21 17	4 32	12 22	2 28	22 22	0 14	7 27	1 19	20 52	0 35	7 7	1 47	8 17	0 47	15 32
S 23	20 30	17 56	5 0	12 59	2 21	22 34	0 17	7 18	1 18	20 54	0 35	7 6	1 47	8 17	0 47	15 32
M24	20 41	13 49	5 14	13 37	2 13	22 46	0 19	7 9	1 16	20 57	0 35	7 5	1 47	8 16	0 47	15 31
T 25	20 52	9 4	5 15	14 14	2 5	22 57	0 22	7 0	1 14	20 59	0 35	7 4	1 47	8 16	0 47	15 31
W26	21 3	3 49	5 1	14 53	1 57	23 7	0 24	6 50	1 12	21 2	0 34	7 3	1 48	8 16	0 47	15 30
T 27	21 13	1n44	4 31	15 31	1 48	23 17	0 27	6 41	1 10	21 4	0 34	7 2	1 48	8 16	0 47	15 30
F 28	21 23	7 23	3 46	16 9	1 39	23 26	0 29	6 31	1 9	21 6	0 34	7 1	1 48	8 16	0 47	15 30
S 29	21 33	12 52	2 46	16 48	1 30	23 34	0 31	6 21	1 7	21 8	0 34	7 0	1 48	8 15	0 47	15 29
S 30	21 42	17 49	1 35	17 26	1 20	23 42	0 34	6 11	1 5	21 11	0 34	6 59	1 49	8 15	0 47	15 29
M31	21n51	21n49	0s16	18n 4	1s10	23n49	0n36	6n 1	1n 3	21n13	0s34	6s58	1s49	8n15	0n46	15s28

Julian Day Number = 2438881.5, Delta T = 35.99 sec
Ecliptic obliquity = 23°26'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°15'22, Lahiri = 23°22'22

ASTRODIENST EPHEMERIS for the year 1965
geocentric

JUNE 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 4	10II1720	25II38	27♂41	23II26	17♂37	9II 3	16♂37	10♂46	18°R 3	13♂41	13II49	13II59	25♂56	22♂18	T 1
W 2	16 41 0	11°14'51	10♂27	29°41	24°39	17°59	9°17	16°39	10°47	18♂1	13°42	13°49	13°56	26° 2	22°19	W 2
T 3	16 44 57	12°12'20	25°14	1II43	25°53	18°22	9°31	16°42	10°48	18° 0	13°42	13°49	13°52	26° 9	22°20	T 3
F 4	16 48 54	13° 9'49	9♂53	3°47	27° 7	18°45	9°45	16°44	10°49	17°59	13°42	13°49	13°49	26°16	22°21	F 4
S 5	16 52 50	14° 7'16	24°20	5°53	28°20	19° 9	9°59	16°47	10°50	17°57	13°43	13°R49	13°46	26°22	22°22	S 5
S 6	16 56 47	15° 4'42	8♂30	8° 0	29°34	19°33	10°13	16°49	10°51	17°56	13°43	13°D49	13°43	26°29	22°24	S 6
M 7	17 0 43	16° 2'07	22°21	10° 8	0♂47	19°57	10°27	16°51	10°52	17°54	13°43	13°49	13°40	26°36	22°25	M 7
T 8	17 4 40	16°59'30	5♂54	12°18	2° 0	20°22	10°41	16°53	10°53	17°53	13°44	13°49	13°36	26°42	22°26	T 8
W 9	17 8 36	17°56'53	19° 8	14°29	3°14	20°47	10°55	16°55	10°54	17°52	13°44	13°50	13°33	26°49	22°26	W 9
T 10	17 12 33	18°54'14	2♂17	16°40	4°27	21°12	11° 9	16°57	10°55	17°50	13°45	13°50	13°30	26°56	22°27	T 10
F 11	17 16 29	19°51'35	14°50	18°52	5°41	21°37	11°23	16°59	10°56	17°49	13°45	13°51	13°27	27° 2	22°28	F 11
S 12	17 20 26	20°48'54	27°20	21° 4	6°54	22° 3	11°37	17° 0	10°58	17°48	13°46	13°51	13°24	27° 9	22°29	S 12
S 13	17 24 23	21°46'13	9♂39	23°16	8° 8	22°29	11°51	17° 2	10°59	17°46	13°46	13°R51	13°21	27°16	22°30	S 13
M14	17 28 19	22°43'31	21°48	25°28	9°21	22°55	12° 5	17° 3	11° 0	17°45	13°47	13°51	13°17	27°23	22°30	M14
T 15	17 32 16	23°40'49	3♂50	27°39	10°34	23°22	12°19	17° 5	11° 2	17°44	13°48	13°51	13°14	27°29	22°31	T 15
W16	17 36 12	24°38'06	15°45	29°49	11°48	23°48	12°32	17° 6	11° 3	17°42	13°48	13°50	13°11	27°36	22°31	W16
T 17	17 40 9	25°35'22	27°36	1♂58	13° 1	24°15	12°46	17° 7	11° 5	17°41	13°49	13°48	13° 8	27°43	22°32	T 17
F 18	17 44 5	26°32'38	9♂37	4° 5	14°14	24°43	13° 0	17° 8	11° 6	17°40	13°50	13°46	13° 5	27°49	22°32	F 18
S 19	17 48 2	27°29'53	21°18	6°11	15°28	25°10	13°14	17° 9	11° 8	17°39	13°50	13°45	13° 2	27°56	22°33	S 19
S 20	17 51 58	28°27'09	3♂15	8°16	16°41	25°38	13°28	17°10	11° 9	17°38	13°51	13°43	12°58	28° 3	22°33	S 20
M21	17 55 55	29°24'24	15°21	10°19	17°54	26° 6	13°41	17°11	11°11	17°37	13°52	13°42	12°55	28° 9	22°33	M21
T 22	17 59 52	0♂21'38	27°40	12°19	19° 7	26°34	13°55	17°11	11°13	17°36	13°53	13°D41	12°52	28°16	22°33	T 22
W23	18 3 48	1°18'53	10°Y16	14°18	20°21	27° 3	14° 9	17°12	11°15	17°34	13°54	13°41	12°49	28°23	22°34	W23
T 24	18 7 45	2°16'08	23°13	16°15	21°34	27°32	14°22	17°12	11°16	17°33	13°54	13°42	12°46	28°29	22°34	T 24
F 25	18 11 41	3°13'22	6♂35	18°10	22°47	28° 0	14°36	17°13	11°18	17°32	13°55	13°43	12°42	28°36	22°R34	F 25
S 26	18 15 38	4°10'36	20°23	20° 3	24° 0	28°30	14°49	17°13	11°20	17°31	13°56	13°45	12°39	28°43	22°34	S 26
S 27	18 19 34	5° 7'51	4II37	21°53	25°13	28°59	15° 3	17°13	11°22	17°30	13°57	13°46	12°36	28°49	22°34	S 27
M28	18 23 31	6° 5'05	19°14	23°41	26°27	29°29	15°17	17°R13	11°24	17°29	13°58	13°R46	12°33	28°56	22°34	M28
T 29	18 27 27	7° 2'20	4♂10	25°28	27°40	29°59	15°30	17°13	11°26	17°29	13°59	13°45	12°30	29° 3	22°33	T 29
W30	18 31 24	7♂59'34	19♂17	27♂12	28♂53	0♂29	15II43	17♂13	11♂28	17♂28	14♂0	13II43	12II27	29♂9	22♂33	W30

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 0	24n27	1n 5	18n41	1s 0	23n55	0n38	5n51	1n 2	21n15	0s34	6s58	1s49	8n15	0n46	15s28	1n49	19n36	14n20	22n28	22n29	24s21	0n59	4n24	
W 2	22 8	25 24	2 23	19 17	0 49	24 1	0 40	5 40	1 0	21 17	0 34	6 57	1 49	8 14	0 46	15 28	1 49	19 35	14 19	22 28	22 29	24 20	1 0	4 24	
T 3	22 16	24 32	3 30	19 53	0 38	24 6	0 43	5 30	0 58	21 20	0 34	6 56	1 49	8 14	0 46	15 27	1 49	19 35	14 19	22 28	22 28	24 20	1 1	4 24	
F 4	22 23	22 0	4 24	20 28	0 28	24 10	0 45	5 19	0 57	21 22	0 34	6 55	1 50	8 14	0 46	15 27	1 49	19 34	14 19	22 28	22 28	24 19	1 1	4 25	
S 5	22 30	18 7	4 59	21 1	0 17	24 13	0 47	5 8	0 55	21 24	0 34	6 55	1 50	8 13	0 46	15 27	1 49	19 34	14 18	22 28	22 27	24 18	1 2	4 25	
S 6	22 37	13 16	5 16	21 33	0 6	24 16	0 49	4 58	0 54	21 26	0 33	6 54	1 50	8 13	0 46	15 26	1 49	19 33	14 18	22 28	22 27	24 18	1 2	4 25	
M 7	22 43	7 50	5 14	22 3	0n 5	24 18	0 52	4 47	0 52	21 28	0 33	6 53	1 50	8 12	0 46	15 26	1 49	19 33	14 18	22 28	22 27	24 17	1 3	4 25	
T 8	22 49	2 10	4 54	22 32	0 16	24 19	0 54	4 36	0 51	21 30	0 33	6 53	1 51	8 12	0 46	15 25	1 49	19 32	14 17	22 28	22 26	24 16	1 4	4 25	
W 9	22 54	3s30	4 19	22 58	0 26	24 20	0 56	4 24	0 49	21 32	0 33	6 52	1 51	8 12	0 46	15 25	1 49	19 32	14 17	22 28	22 26	24 16	1 4	4 26	
T 10	22 59	8 54	3 31	23 22	0 36	24 20	0 58	4 13	0 47	21 34	0 33	6 52	1 51	8 11	0 46	15 25	1 49	19 31	14 16	22 28	22 26	24 15	1 5	4 26	
F 11	23 3	13 50	2 34	23 44	0 46	24 19	1 0	4 2	0 46	21 36	0 33	6 51	1 51	8 11	0 46	15 24	1 49	19 31	14 16	22 28	22 25	24 14	1 5	4 26	
S 12	23 8	18 6	1 30	24 3	0 55	24 17	1 2	3 50	0 44	21 38	0 33	6 51	1 52	8 10	0 46	15 24	1 49	19 30	14 16	22 28	22 25	24 14	1 5	4 26	
S 13	23 11	21 31	0 23	24 20	1 4	24 15	1 4	3 39	0 43	21 40	0 33	6 50	1 52	8 9	0 46	15 24	1 49	19 29	14 15	22 28	22 24	24 13	1 6	4 26	
M14	23 15	23 55	0s44	24 34	1 12	24 12	1 6	3 27	0 42	21 42	0 33	6 50	1 52	8 9	0 46	15 23	1 48	19 29	14 15	22 28	22 24	24 12	1 6	4 27	
T 15	23 18	25 12	1 48	24 45	1 19	24 9	1 7	3 15	0 40	21 44	0 33	6 50	1 52	8 8	0 46	15 23	1 48	19 28	14 14	22 28	22 24	24 11	1 7	4 27	
W16	23 20	25 17	2 48	24 53	1 26	24 4	1 9	3 3	0 39	21 46	0 33	6 50	1 53	8 8	0 46	15 23	1 48	19 28	14 14	22 28	22 23	24 11	1 7	4 27	
T 17	23 22	24 13	3 39	24 58	1 33	23 59	1 11	2 51	0 37	21 48	0 33	6 49	1 53	8 7	0 46	15 23	1 48	19 27	14 14	22 28	22 23	24 10	1 8	4 27	
F 18	23 24	22 5	4 21	25 1	1 38	23 53	1 13	2 39	0 36	21 49	0 33	6 49	1 53	8 7	0 46	15 22	1 48	19 26	14 13	22 27	22 22	24 9	1 8	4 27	
S 19	23 25	19 0	4 52	25 1	1 43	23 47	1 14	2 27	0 35	21 51	0 33	6 49	1 53	8 6	0 46	15 22	1 48	19 26	14 13	22 27	22 22	24 9	1 8	4 27	
S 20	23 26	15 8	5 11	24 58	1 47	23 40	1 16	2 15	0 33	21 53	0 32	6 49	1 54	8 5	0 46	15 22	1 48	19 25	14 13	22 27	22 22	24 8	1 8	4 28	
M21	23 27	10 37	5 16	24 53	1 51	23 32	1 18	2 2	0 32	21 55	0 32	6 49	1 54	8 5	0 46	15 21	1 48	19 25	14 12	22 27	22 21	24 7	1 9	4 28	
T 22	23 27	5 37	5 7	24 45	1 53	23 23	1 19	1 50	0 30	21 56	0 32	6 49	1 54	8 4	0 46	15 21	1 48	19 24	14 12	22 27	22 21	24 6	1 9	4 28	
W23	23 26	0 16	4 43	24 35	1 55	23 14	1 20	1 37	0 29	21 58	0 32	6 49	1 54	8 3	0 46	15 21	1 48	19 23	14 12	22 27	22 20	24 5	1 9	4 28	
T 24	23 25	5n15	4 4	24 23	1 56	23 4	1 22	1 25	0 28	22 0	0 32	6 49	1 55	8 2	0 46	15 21	1 48	19 23	14 11	22 27	22 20	24 5	1 9	4 28	
F 25	23 24	10 43	3 11	24 8	1 57	22 53	1 23	1 12	0 27	22 1	0 32	6 49	1 55	8 2	0 45	15 20	1 48	19 22	14 11	22 27	22 20	24 4	1 10	4 29	
S 26	23 23	15 50	2 5	23 52	1 56	22 42	1 25	0 59	0 25	22 3	0 32	6 49	1 55	8 1	0 45	15 20	1 48	19 21	14 11	22 27	22 19	24 3	1 10	4 29	
S 27	23 21	20 15	0 50	23 34	1 55	22 30	1 26	0 46	0 24	22 5	0 32	6 49	1 55	8 0	0 45	15 20	1 48	19 20	14 10	22 27	22 19	24 2	1 10	4 29	
M28	23 18	23 31	0n30	23 14	1 54	22 17	1 27	0 33	0 23	22 6	0 32	6 49	1 56	7 59	0 45	15 20	1 48	19 20	14 10	22 27	22 18	24 2	1 10	4 29	
T 29	23 15	25 13	1 50	22 52	1 51	22 4	1 28	0 20	0 22	22 8	0 32	6 50	1 56	7 58	0 45	15 19	1 48	19 19	14 9	22 27	22 18	24 1	1 10	4 29	
W30	23n12	25n 5	3n 3	22n30	1n48	21n50	1n29	0n 7	0n20	22n 9	0s32	6s50	1s56	7n58	0n45	15s19	1n48	19n18	14n 9	22n27	22n18	24s 0	1n10	4n30	

ASTRODIENST EPHEMERIS for the year 1965
geocentric

JULY 1965

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 35 21	8°56'48	4♌25	28♊54	0♋6	0♌59	15♍57	17°R13	11♎31	17°R27	14♏2	13°R40	12♐23	29♑16	22°R33	T 1
F 2	18 39 17	9°54'02	19°25	0♋33	1°19	1°29	16°10	17♎13	11°33	17♍26	14°3	13♐36	12°20	29°23	22♑33	F 2
S 3	18 43 14	10°51'15	4♎9	2°11	2°32	2°0	16°24	17°12	11°35	17°25	14°4	13°33	12°17	29°30	22°32	S 3
S 4	18 47 10	11°48'28	18°31	3°46	3°45	2°31	16°37	17°12	11°37	17°24	14°5	13°30	12°14	29°36	22°32	S 4
M 5	18 51 7	12°45'41	2♌28	5°19	4°58	3°2	16°50	17°11	11°40	17°23	14°6	13°29	12°11	29°43	22°31	M 5
T 6	18 55 3	13°42'53	15°59	6°50	6°12	3°33	17°3	17°10	11°42	17°23	14°7	13°D28	12°8	29°50	22°31	T 6
W 7	18 59 0	14°40'05	29°7	8°19	7°25	4°4	17°16	17°9	11°45	17°22	14°9	13°29	12°4	29°56	22°30	W 7
T 8	19 2 56	15°37'17	11♌54	9°45	8°38	4°36	17°30	17°8	11°47	17°21	14°10	13°30	12°1	0♋3	22°30	T 8
F 9	19 6 53	16°34'29	24°24	11°9	9°51	5°8	17°43	17°7	11°49	17°21	14°11	13°32	11°58	0°10	22°29	F 9
S 10	19 10 50	17°31'41	6♌41	12°31	11°3	5°40	17°56	17°6	11°52	17°20	14°12	13°33	11°55	0°16	22°28	S 10
S 11	19 14 46	18°28'53	18°47	13°50	12°16	6°12	18°9	17°5	11°55	17°19	14°14	13°R33	11°52	0°23	22°27	S 11
M12	19 18 43	19°26'04	0♌45	15°7	13°29	6°44	18°21	17°4	11°57	17°19	14°15	13°32	11°48	0°30	22°26	M12
T 13	19 22 39	20°23'17	12°39	16°22	14°42	7°17	18°34	17°2	12°0	17°18	14°17	13°29	11°45	0°36	22°26	T 13
W14	19 26 36	21°20'29	24°30	17°34	15°55	7°49	18°47	17°1	12°2	17°18	14°18	13°24	11°42	0°43	22°25	W14
T 15	19 30 32	22°17'41	6♌21	18°44	17°8	8°22	19°0	16°59	12°5	17°17	14°19	13°18	11°39	0°50	22°24	T 15
F 16	19 34 29	23°14'54	18°13	19°50	18°21	8°55	19°13	16°58	12°8	17°17	14°21	13°10	11°36	0°57	22°23	F 16
S 17	19 38 26	24°12'08	0♋8	20°54	19°33	9°28	19°25	16°56	12°11	17°17	14°22	13°3	11°33	1°3	22°21	S 17
S 18	19 42 22	25°9'22	12°8	21°56	20°46	10°2	19°38	16°54	12°14	17°16	14°24	12°56	11°29	1°10	22°20	S 18
M19	19 46 19	26°6'36	24°16	22°54	21°59	10°35	19°50	16°52	12°16	17°16	14°25	12°51	11°26	1°17	22°19	M19
T 20	19 50 15	27°3'51	6♌36	23°49	23°12	11°9	20°3	16°50	12°19	17°15	14°27	12°47	11°23	1°23	22°18	T 20
W21	19 54 12	28°1'07	19°10	24°41	24°24	11°42	20°15	16°48	12°22	17°15	14°29	12°45	11°20	1°30	22°17	W21
T 22	19 58 8	28°58'24	2♌3	25°30	25°37	12°16	20°28	16°46	12°25	17°15	14°30	12°D44	11°17	1°37	22°15	T 22
F 23	20 2 5	29°55'42	15°18	26°16	26°50	12°50	20°40	16°43	12°28	17°15	14°32	12°45	11°14	1°43	22°14	F 23
S 24	20 6 1	0♋53'00	28°57	26°57	28°2	13°25	20°52	16°41	12°31	17°14	14°33	12°46	11°10	1°50	22°12	S 24
S 25	20 9 58	1°50'20	13♐4	27°35	29°15	13°59	21°4	16°38	12°34	17°14	14°35	12°R47	11°7	1°57	22°11	S 25
M26	20 13 55	2°47'40	27°37	28°10	0♎28	14°34	21°16	16°36	12°37	17°14	14°37	12°46	11°4	2°3	22°9	M26
T 27	20 17 51	3°45'02	12♊31	28°40	1°40	15°8	21°28	16°33	12°40	17°14	14°38	12°43	11°1	2°10	22°8	T 27
W28	20 21 48	4°42'24	27°42	29°6	2°53	15°43	21°40	16°30	12°44	17°14	14°40	12°38	10°58	2°17	22°6	W28
T 29	20 25 44	5°39'47	12♌59	29°27	4°5	16°18	21°52	16°28	12°47	17°14	14°42	12°31	10°54	2°24	22°5	T 29
F 30	20 29 41	6°37'10	28°10	29°44	5°18	16°53	22°4	16°25	12°50	17°D14	14°44	12°23	10°51	2°30	22°3	F 30
S 31	20 33 37	7♌34'35	13♎7	29♌56	6♎30	17♌28	22♐16	16♋22	12♎53	17♍14	14♏45	12♐15	10♐48	2♑37	22♑1	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	23n 6	4n 3	22n 5	1n45	21n36	1n30	0s 6	0n19	22n11	0s32	6s50	1s56	7n57	0n45	15s19	1n48	19n18	14n 9	22n27	22n17	23s59	1n10	4n30
F 2	23 5	19 31	4 46	21 40	1 40	21 21	1 31	0 19	0 18	22 12	0 32	6 51	1 57	7 56	0 45	15 19	1 48	19 17	14 8	22 26	22 17	23 58	1 10	4 30
S 3	23 0	14 47	5 9	21 14	1 36	21 5	1 32	0 32	0 17	22 13	0 32	6 51	1 57	7 55	0 45	15 19	1 48	19 16	14 8	22 26	22 16	23 57	1 10	4 30
S 4	22 55	9 20	5 12	20 46	1 30	20 49	1 33	0 46	0 15	22 15	0 32	6 51	1 57	7 54	0 45	15 19	1 48	19 15	14 8	22 26	22 16	23 57	1 10	4 30
M 5	22 50	3 33	4 57	20 18	1 24	20 32	1 33	0 59	0 14	22 16	0 32	6 52	1 57	7 53	0 45	15 18	1 48	19 15	14 7	22 25	22 15	23 56	1 10	4 30
T 6	22 44	2s13	4 25	19 49	1 18	20 15	1 34	1 13	0 13	22 17	0 32	6 52	1 58	7 52	0 45	15 18	1 48	19 14	14 7	22 25	22 15	23 55	1 10	4 31
W 7	22 38	7 44	3 40	19 20	1 11	19 57	1 35	1 26	0 12	22 19	0 31	6 53	1 58	7 51	0 45	15 18	1 47	19 13	14 7	22 25	22 15	23 54	1 10	4 31
T 8	22 32	12 48	2 45	18 50	1 3	19 38	1 35	1 40	0 11	22 20	0 31	6 54	1 58	7 50	0 45	15 18	1 47	19 12	14 7	22 26	22 14	23 53	1 10	4 31
F 9	22 25	17 13	1 43	18 19	0 55	19 19	1 36	1 53	0 10	22 21	0 31	6 54	1 58	7 49	0 45	15 18	1 47	19 11	14 6	22 26	22 14	23 52	1 10	4 31
S 10	22 18	20 49	0 38	17 48	0 47	19 0	1 36	2 7	0 9	22 23	0 31	6 55	1 59	7 48	0 45	15 18	1 47	19 11	14 6	22 26	22 13	23 51	1 10	4 31
S 11	22 10	23 27	0s28	17 17	0 38	18 40	1 36	2 21	0 7	22 24	0 31	6 56	1 59	7 47	0 45	15 18	1 47	19 10	14 6	22 26	22 13	23 50	1 10	4 32
M12	22 2	24 59	1 32	16 46	0 29	18 19	1 37	2 35	0 6	22 25	0 31	6 56	1 59	7 46	0 45	15 17	1 47	19 9	14 5	22 26	22 12	23 50	1 10	4 32
T 13	21 54	25 22	2 32	16 14	0 19	17 58	1 37	2 49	0 5	22 26	0 31	6 57	1 59	7 45	0 45	15 17	1 47	19 8	14 5	22 25	22 12	23 49	1 9	4 32
W14	21 45	24 34	3 24	15 43	0 9	17 37	1 37	3 2	0 4	22 27	0 31	6 58	2 0	7 44	0 45	15 17	1 47	19 7	14 5	22 25	22 12	23 48	1 9	4 32
T 15	21 36	22 41	4 8	15 12	0s 2	17 15	1 37	3 16	0 3	22 28	0 31	6 59	2 0	7 43	0 45	15 17	1 47	19 7	14 4	22 24	22 11	23 47	1 9	4 32
F 16	21 26	19 49	4 40	14 10	0 12	16 52	1 37	3 30	0 2	22 29	0 31	7 0	2 0	7 42	0 45	15 17	1 47	19 6	14 4	22 23	22 11	23 46	1 9	4 32
S 17	21 17	16 7	5 1	14 9	0 24	16 29	1 37	3 44	0 1	22 30	0 31	7 0	2 0	7 41	0 45	15 17	1 47	19 5	14 4	22 22	22 10	23 45	1 8	4 33
S 18	21 6	11 46	5 9	13 39	0 35	16 6	1 36	3 58	0 0	22 32	0 31	7 1	2 1	7 40	0 45	15 17	1 47	19 4	14 4	22 21	22 10	23 44	1 8	4 33
M19	20 56	6 55	5 3	13 9	0 47	15 42	1 36	4 12	0s 1	22 33	0 31	7 2	2 1	7 39	0 45	15 17	1 47	19 3	14 3	22 21	22 9	23 43	1 8	4 33
T 20	20 45	1 43	4 43	12 39	0 59	15 18	1 36	4 27	0 2	22 34	0 31	7 3	2 1	7 38	0 45	15 17	1 47	19 2	14 3	22 20	22 9	23 42	1 7	4 33
W21	20 34	3n40	4 9	12 11	1 11	14 53	1 35	4 41	0 3	22 34	0 31	7 4	2 1	7 36	0 45	15 17	1 47	19 2	14 3	22 20	22 9	23 41	1 7	4 33
T 22	20 22	9 2	3 22	11 43	1 24	14 28	1 35	4 55	0 4	22 35	0 31	7 6	2 1	7 35	0 45	15 17	1 47	19 1	14 3	22 20	22 8	23 40	1 7	4 33
F 23	20 10	14 9	2 23	11 15	1 36	14 3	1 34	5 9	0 5	22 36	0 31	7 7	2 2	7 34	0 45	15 17	1 47	19 0	14 2	22 20	22 8	23 39	1 6	4 33
S 24	19 58	18 44	1 14	10 49	1 49	13 37	1 34	5 23	0 6	22 37	0 31	7 8	2 2	7 33	0 45	15 17	1 47	18 59	14 2	22 20	22 7	23 38	1 6	4 34
S 25	19 45	22 24	0n 2	10 24	2 2	13 11	1 33	5 37	0 7	22 38	0 31	7 9	2 2	7 32	0 45	15 17	1 46	18 58	14 2	22 20	22 7	23 37	1 5	4 34
M26	19 32	24 44	1 19	10 0	2 15	12 45	1 32	5 52	0 8	22 39	0 31	7 10	2 2	7 31	0 44	15 17	1 46	18 57	14 2	22 20	22 6	23 36	1 5	4 34
T 27	19 19	25 24	2 33	9 37	2 28	12 18	1 31	6 6	0 9	22 40	0 31	7 11	2 3	7 29	0 44	15 17	1 46	18 56	14 1	22 20	22 6	23 35	1 4	4 34
W28	19 5	24 10	3 37	9 16	2 41	11 51	1 30	6 20	0 10	22 40	0 31	7 13	2 3	7 28	0 44	15 17	1 46	18 56	14 1	22 19	22 6	23 34	1 4	4 34
T 29	18 52	21 11	4 26	8 57	2 54	11 24	1 29	6 35	0 11	22 41	0 30	7 14	2 3	7 27	0 44	15 17	1 46	18 55	14 1	22 18	22 5	23 33	1 3	4 34
F 30	18 37	16 45	4 56	8 39	3 7	10 56	1 28	6 49	0 12	22 42	0 30	7 15	2 3	7 26	0 44	15 17	1 46	18 54	14 1	22 17	22 5	23 32	1 3	4 34
S 31	18n23	11n20	5n 6	8n23	3s19	10n28	1n27	7s 3	0s13	22n43	0s30	7s17	2s 3	7n24	0n44	15s17	1n46	18n53	14n 1	22n16	22n 4	23s31	1n 2	4n35

ASTRODIENST EPHEMERIS for the year 1965

geocentric

AUGUST 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 34	8♂31'59	27♂41	0♂ 3	7♂43	18♂ 4	22♂27	16°R19	12♂56	17♂14	14♂47	12°R 8	10♂45	2♂44	21°R59	S 1
M 2	20 41 30	9°29'25	11♂46	0°R 5	8°55	18°39	22°39	16♂16	13° 0	17°14	14°49	12♂ 3	10°42	2°50	21°R57	M 2
T 3	20 45 27	10°26'51	25°23	0° 2	10° 8	19°15	22°50	16°12	13° 3	17°14	14°51	12° 0	10°39	2°57	21°56	T 3
W 4	20 49 24	11°24'17	8♂32	29♂54	11°20	19°51	23° 2	16° 9	13° 6	17°14	14°53	11°D59	10°35	3° 4	21°54	W 4
T 5	20 53 20	12°21'45	21°16	29°40	12°32	20°27	23°13	16° 6	13°10	17°15	14°54	11°59	10°32	3°10	21°52	T 5
F 6	20 57 17	13°19'13	3♂41	29°22	13°44	21° 3	23°24	16° 2	13°13	17°15	14°56	12° 0	10°29	3°17	21°50	F 6
S 7	21 1 13	14°16'42	15°51	28°58	14°57	21°39	23°35	15°59	13°17	17°15	14°58	12°R 0	10°26	3°24	21°48	S 7
S 8	21 5 10	15°14'12	27°50	28°29	16° 9	22°15	23°46	15°55	13°20	17°15	15° 0	11°59	10°23	3°30	21°46	S 8
M 9	21 9 6	16°11'42	9♂43	27°55	17°21	22°52	23°57	15°52	13°23	17°16	15° 2	11°55	10°20	3°37	21°44	M 9
T 10	21 13 3	17° 9'14	21°33	27°17	18°33	23°28	24° 8	15°48	13°27	17°16	15° 4	11°49	10°16	3°44	21°41	T 10
W11	21 16 59	18° 6'46	3♂23	26°36	19°45	24° 5	24°19	15°44	13°30	17°16	15° 6	11°40	10°13	3°51	21°39	W11
T 12	21 20 56	19° 4'20	15°15	25°50	20°57	24°42	24°29	15°40	13°34	17°17	15° 8	11°30	10°10	3°57	21°37	T 12
F 13	21 24 53	20° 1'54	27°11	25° 3	22° 9	25°19	24°40	15°37	13°37	17°17	15°10	11°17	10° 7	4° 4	21°35	F 13
S 14	21 28 49	20°59'30	9♂13	24°14	23°21	25°56	24°50	15°33	13°41	17°18	15°12	11° 5	10° 4	4°11	21°33	S 14
S 15	21 32 46	21°57'07	21°21	23°23	24°33	26°33	25° 1	15°29	13°44	17°18	15°14	10°53	10° 0	4°17	21°30	S 15
M16	21 36 42	22°54'46	3♂37	22°33	25°45	27°10	25°11	15°25	13°48	17°19	15°16	10°43	9°57	4°24	21°28	M16
T 17	21 40 39	23°52'26	16° 3	21°44	26°57	27°48	25°21	15°21	13°52	17°19	15°18	10°35	9°54	4°31	21°26	T 17
W18	21 44 35	24°50'07	28°42	20°57	28° 9	28°25	25°31	15°17	13°55	17°20	15°20	10°30	9°51	4°37	21°23	W18
T 19	21 48 32	25°47'50	11♂35	20°13	29°21	29° 3	25°41	15°12	13°59	17°21	15°22	10°28	9°48	4°44	21°21	T 19
F 20	21 52 28	26°45'35	24°46	19°33	0♂33	29°41	25°51	15° 8	14° 3	17°21	15°24	10°D27	9°45	4°51	21°18	F 20
S 21	21 56 25	27°43'22	8♂19	18°57	1°44	0♂19	26° 1	15° 4	14° 6	17°22	15°26	10°R27	9°41	4°57	21°16	S 21
S 22	22 0 21	28°41'10	22°15	18°28	2°56	0°57	26°11	15° 0	14°10	17°23	15°28	10°27	9°38	5° 4	21°13	S 22
M23	22 4 18	29°39'00	6♂34	18° 4	4° 8	1°35	26°20	14°55	14°14	17°23	15°30	10°25	9°35	5°11	21°11	M23
T 24	22 8 15	0♂36'52	21°16	17°48	5°19	2°13	26°29	14°51	14°17	17°24	15°32	10°20	9°32	5°18	21° 8	T 24
W25	22 12 11	1°34'45	6♂16	17°39	6°31	2°51	26°39	14°47	14°21	17°25	15°34	10°13	9°29	5°24	21° 6	W25
T 26	22 16 8	2°32'40	21°24	17°D37	7°42	3°30	26°48	14°42	14°25	17°26	15°36	10° 4	9°26	5°31	21° 3	T 26
F 27	22 20 4	3°30'37	6♂33	17°44	8°54	4° 8	26°57	14°38	14°28	17°27	15°38	9°53	9°22	5°38	21° 1	F 27
S 28	22 24 1	4°28'34	21°30	17°58	10° 5	4°47	27° 6	14°33	14°32	17°28	15°41	9°42	9°19	5°44	20°58	S 28
S 29	22 27 57	5°26'34	6♂ 8	18°21	11°17	5°26	27°15	14°29	14°36	17°29	15°43	9°32	9°16	5°51	20°55	S 29
M30	22 31 54	6°24'35	20°18	18°52	12°28	6° 5	27°23	14°24	14°40	17°30	15°45	9°24	9°13	5°58	20°53	M30
T 31	22 35 50	7♂22'37	4♂ 0	19♂31	13♂39	6♂44	27♂32	14♂20	14♂43	17♂31	15♂47	9♂19	9♂10	6♂ 4	20♂50	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	18n 8	5n26	4n55	8n 9	3s32	10n 0	1n26	7s18	0s14	22n43	0s30	7s18	2s 4	7n23	0n44	15s17
M 2	17 53	0s35	4 26	7 57	3 43	9 32	1 24	7 32	0 14	22 44	0 30	7 19	2 4	7 22	0 44	15 17
T 3	17 37	6 22	3 43	7 48	3 55	9 3	1 23	7 46	0 15	22 45	0 30	7 21	2 4	7 21	0 44	15 17
W 4	17 22	11 41	2 49	7 41	4 5	8 34	1 21	8 1	0 16	22 45	0 30	7 22	2 4	7 19	0 44	15 17
T 5	17 6	16 20	1 49	7 36	4 15	8 5	1 20	8 15	0 17	22 46	0 30	7 24	2 4	7 18	0 44	15 18
F 6	16 50	20 10	0 44	7 34	4 24	7 36	1 18	8 30	0 18	22 47	0 30	7 25	2 5	7 17	0 44	15 18
S 7	16 33	23 2	0s21	7 35	4 32	7 6	1 16	8 44	0 19	22 47	0 30	7 27	2 5	7 15	0 44	15 18
S 8	16 16	24 49	1 23	7 39	4 39	6 37	1 15	8 58	0 20	22 48	0 30	7 28	2 5	7 14	0 44	15 18
M 9	15 59	25 27	2 22	7 45	4 44	6 7	1 13	9 13	0 21	22 48	0 30	7 30	2 5	7 13	0 44	15 18
T 10	15 42	24 55	3 14	7 54	4 48	5 37	1 11	9 27	0 21	22 49	0 30	7 31	2 5	7 11	0 44	15 18
W11	15 24	23 15	3 58	8 6	4 50	5 7	1 9	9 41	0 22	22 49	0 30	7 33	2 5	7 10	0 44	15 18
T 12	15 6	20 35	4 31	8 21	4 51	4 37	1 7	9 56	0 23	22 50	0 30	7 35	2 6	7 9	0 44	15 19
F 13	14 48	17 1	4 53	8 37	4 50	4 6	1 5	10 10	0 24	22 50	0 30	7 36	2 6	7 7	0 44	15 19
S 14	14 30	12 46	5 1	8 56	4 47	3 36	1 2	10 24	0 25	22 51	0 30	7 38	2 6	7 6	0 44	15 19
S 15	14 12	7 58	4 57	9 17	4 42	3 5	1 0	10 38	0 26	22 51	0 30	7 40	2 6	7 4	0 44	15 19
M16	13 53	2 49	4 38	9 40	4 35	2 34	0 58	10 53	0 26	22 52	0 30	7 41	2 6	7 3	0 44	15 19
T 17	13 34	2n32	4 6	10 4	4 26	2 4	0 55	11 7	0 27	22 52	0 30	7 43	2 6	7 2	0 44	15 20
W18	13 15	7 52	3 22	10 28	4 16	1 33	0 53	11 21	0 28	22 52	0 30	7 45	2 7	7 0	0 44	15 20
T 19	12 55	12 59	2 27	10 53	4 4	1 2	0 50	11 35	0 29	22 53	0 30	7 47	2 7	6 59	0 44	15 20
F 20	12 36	17 38	1 22	11 19	3 50	0 31	0 48	11 49	0 29	22 53	0 30	7 48	2 7	6 57	0 44	15 20
S 21	12 16	21 31	0 11	11 44	3 36	0s 0	0 45	12 3	0 30	22 53	0 30	7 50	2 7	6 56	0 44	15 21
S 22	11 56	24 15	1n 2	12 8	3 20	0 31	0 42	12 17	0 31	22 54	0 30	7 52	2 7	6 55	0 44	15 21
M23	11 36	25 30	2 13	12 31	3 3	1 2	0 40	12 31	0 32	22 54	0 30	7 54	2 7	6 53	0 44	15 21
T 24	11 15	25 1	3 18	12 52	2 46	1 33	0 37	12 45	0 32	22 54	0 30	7 55	2 7	6 52	0 44	15 21
W25	10 55	22 45	4 10	13 12	2 28	2 4	0 34	12 59	0 33	22 54	0 30	7 57	2 7	6 50	0 44	15 22
T 26	10 34	18 52	4 45	13 30	2 9	2 35	0 31	13 13	0 34	22 55	0 30	7 59	2 8	6 49	0 44	15 22
F 27	10 13	13 45	5 0	13 46	1 51	3 6	0 28	13 27	0 35	22 55	0 30	8 1	2 8	6 47	0 44	15 22
S 28	9 52	7 52	4 54	13 59	1 33	3 37	0 25	13 40	0 35	22 55	0 30	8 3	2 8	6 46	0 44	15 23
S 29	9 31	1 41	4 29	14 9	1 15	4 8	0 22	13 54	0 36	22 55	0 30	8 5	2 8	6 45	0 44	15 23
M30	9 10	4s25	3 48	14 16	0 57	4 39	0 19	14 8	0 37	22 56	0 30	8 6	2 8	6 43	0 44	15 23
T 31	8n48	10s 7	2n55	14n20	0s40	5s 9	0n15	14s21	0s37	22n56	0s30	8s 8	2s 8	6n42	0n44	15s24

Julian Day Number = 2438973.5, Delta T = 36.19 sec

Ecliptic obliquity = 23°26'41", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°15'34", Lahiri = 23°22'35"

ASTRODIENST EPHEMERIS for the year 1965

geocentric

SEPTEMBER 1965

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 39 47	8♍20'41	17♍13	20♍17	14♍51	7♍23	27♍40	14°R15	14♍47	17♍32	15♍49	9°R16	9♍6	6♍11	20°R47	W 1
T 2	22 43 44	9°18'46	0♍0	21°12	16°2	8°2	27°49	14°11	14°51	17°33	15°51	9°15	9°3	6°18	20°45	T 2
F 3	22 47 40	10°16'52	12°26	22°13	17°13	8°41	27°57	14°6	14°55	17°34	15°53	9°15	9°0	6°25	20°42	F 3
S 4	22 51 37	11°15'00	24°34	23°21	18°24	9°21	28°5	14°1	14°58	17°35	15°55	9°14	8°57	6°31	20°39	S 4
S 5	22 55 33	12°13'09	6♋32	24°36	19°35	10°0	28°13	13°57	15°2	17°36	15°58	9°13	8°54	6°38	20°37	S 5
M 6	22 59 30	13°11'20	18°23	25°56	20°46	10°40	28°20	13°52	15°6	17°37	16°0	9°9	8°51	6°45	20°34	M 6
T 7	23 3 26	14°9'32	0♋13	27°22	21°57	11°19	28°28	13°48	15°10	17°38	16°2	9°2	8°47	6°51	20°31	T 7
W 8	23 7 23	15°7'46	12°5	28°52	23°8	11°59	28°35	13°43	15°13	17°40	16°4	8°53	8°44	6°58	20°28	W 8
T 9	23 11 19	16°6'02	24°1	0♍27	24°19	12°39	28°43	13°39	15°17	17°41	16°6	8°41	8°41	7°5	20°26	T 9
F 10	23 15 16	17°4'19	6♋4	2°6	25°30	13°19	28°50	13°34	15°21	17°42	16°8	8°28	8°38	7°12	20°23	F 10
S 11	23 19 13	18°2'38	18°16	3°48	26°40	13°59	28°57	13°29	15°25	17°44	16°10	8°14	8°35	7°18	20°20	S 11
S 12	23 23 9	19°0'58	0♍36	5°33	27°51	14°40	29°4	13°25	15°29	17°45	16°13	8°1	8°31	7°25	20°17	S 12
M13	23 27 6	19°59'21	13°6	7°19	29°2	15°20	29°11	13°20	15°32	17°46	16°15	7°50	8°28	7°32	20°14	M13
T14	23 31 2	20°57'46	25°46	9°8	0♍12	16°0	29°17	13°16	15°36	17°48	16°17	7°41	8°25	7°38	20°12	T14
W15	23 34 59	21°56'12	8♋37	10°58	1°23	16°41	29°24	13°11	15°40	17°49	16°19	7°36	8°22	7°45	20°9	W15
T16	23 38 55	22°54'41	21°40	12°49	2°33	17°21	29°30	13°7	15°44	17°51	16°21	7°33	8°19	7°52	20°6	T16
F17	23 42 52	23°53'12	4♍57	14°41	3°43	18°2	29°36	13°2	15°47	17°52	16°23	7°D32	8°16	7°58	20°3	F17
S18	23 46 48	24°51'45	18°29	16°33	4°54	18°43	29°42	12°58	15°51	17°54	16°25	7°R32	8°12	8°5	20°1	S18
S19	23 50 45	25°50'20	2♋19	18°26	6°4	19°24	29°48	12°53	15°55	17°55	16°27	7°32	8°9	8°12	19°58	S19
M20	23 54 42	26°48'58	16°27	20°18	7°14	20°5	29°53	12°49	15°59	17°57	16°30	7°31	8°6	8°19	19°55	M20
T21	23 58 38	27°47'38	0♍52	22°10	8°24	20°46	29°59	12°45	16°2	17°58	16°32	7°27	8°3	8°25	19°52	T21
W22	0 2 35	28°46'20	15°31	24°2	9°34	21°27	0♋4	12°40	16°6	18°0	16°34	7°21	8°0	8°32	19°50	W22
T23	0 6 31	29°45'04	0♍19	25°53	10°44	22°8	0°9	12°36	16°10	18°1	16°36	7°12	7°57	8°39	19°47	T23
F24	0 10 28	0♋43'50	15°8	27°44	11°54	22°50	0°14	12°32	16°13	18°3	16°38	7°2	7°53	8°45	19°44	F24
S25	0 14 24	1°42'39	29°51	29°33	13°4	23°31	0°19	12°27	16°17	18°5	16°40	6°52	7°50	8°52	19°42	S25
S26	0 18 21	2°41'29	14♍18	1♍23	14°14	24°13	0°24	12°23	16°21	18°6	16°42	6°43	7°47	8°59	19°39	S26
M27	0 22 17	3°40'21	28°24	3°11	15°23	24°54	0°28	12°19	16°24	18°8	16°44	6°35	7°44	9°5	19°36	M27
T28	0 26 14	4°39'15	12♍4	4°58	16°33	25°36	0°32	12°15	16°28	18°10	16°46	6°30	7°41	9°12	19°34	T28
W29	0 30 11	5°38'11	25°18	6°45	17°42	26°18	0°37	12°11	16°32	18°12	16°48	6°28	7°37	9°19	19°31	W29
T30	0 34 7	6♋37'09	8♋8	8♋31	18♍52	27♍0	0♋40	12♋7	16♍35	18♍13	16♍50	6°D27	7♍34	9♋26	19°28	T30

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
W 1	8n27	15s10	1n54	14n21	0s23	5s40	0n12	14s35	0s38	22n56	0s29	8s10	2s 8	6n40	0n44	15s24	1n44	18n25	13n57	21n51	21n49	22s55	0n35	4n37	
T 2	8 5	19 22	0 49	14 19	0 8	6 10	0 9	14 48	0 39	22 56	0 29	8 12	2 8	6 39	0 44	15 24	1 44	18 24	13 57	21 51	21 49	22 54	0 34	4 37	
F 3	7 43	22 34	0s17	14 13	0n 7	6 41	0 5	15 1	0 39	22 56	0 29	8 14	2 8	6 37	0 44	15 25	1 44	18 23	13 57	21 51	21 48	22 52	0 33	4 36	
S 4	7 21	24 40	1 20	14 4	0 21	7 11	0 2	15 15	0 40	22 56	0 29	8 16	2 8	6 36	0 44	15 25	1 44	18 22	13 57	21 50	21 48	22 51	0 32	4 36	
S 5	6 59	25 36	2 19	13 52	0 34	7 41	0s 1	15 28	0 41	22 57	0 29	8 17	2 8	6 34	0 44	15 25	1 44	18 22	13 57	21 50	21 47	22 50	0 31	4 36	
M 6	6 36	25 20	3 11	13 36	0 46	8 11	0 5	15 41	0 41	22 57	0 29	8 19	2 8	6 33	0 44	15 26	1 44	18 21	13 58	21 50	21 47	22 49	0 30	4 36	
T 7	6 14	23 56	3 55	13 17	0 57	8 41	0 8	15 54	0 42	22 57	0 29	8 21	2 8	6 31	0 44	15 26	1 44	18 20	13 58	21 49	21 46	22 47	0 29	4 36	
W 8	5 52	21 28	4 28	12 55	1 7	9 11	0 12	16 7	0 43	22 57	0 29	8 23	2 9	6 30	0 44	15 26	1 44	18 19	13 58	21 47	21 46	22 46	0 28	4 36	
T 9	5 29	18 5	4 50	12 30	1 16	9 40	0 15	16 20	0 43	22 57	0 29	8 25	2 9	6 28	0 44	15 27	1 44	18 18	13 58	21 45	21 45	22 45	0 26	4 36	
F 10	5 6	13 55	5 0	12 2	1 23	10 9	0 19	16 32	0 44	22 57	0 29	8 27	2 9	6 27	0 44	15 27	1 44	18 18	13 58	21 43	21 45	22 43	0 25	4 36	
S 11	4 44	9 10	4 55	11 31	1 30	10 39	0 23	16 45	0 45	22 57	0 29	8 28	2 9	6 26	0 44	15 28	1 44	18 17	13 58	21 41	21 44	22 42	0 24	4 36	
S 12	4 21	4 0	4 37	10 58	1 36	11 7	0 26	16 58	0 45	22 57	0 29	8 30	2 9	6 24	0 44	15 28	1 44	18 16	13 58	21 39	21 44	22 41	0 23	4 36	
M13	3 58	1n24	4 6	10 22	1 40	11 36	0 30	17 10	0 46	22 57	0 29	8 32	2 9	6 23	0 44	15 29	1 44	18 15	13 58	21 37	21 43	22 40	0 22	4 36	
T14	3 35	6 50	3 22	9 45	1 44	12 4	0 34	17 22	0 46	22 57	0 29	8 34	2 9	6 21	0 44	15 29	1 44	18 14	13 58	21 36	21 43	22 38	0 21	4 36	
W15	3 12	12 4	2 27	9 6	1 47	12 32	0 37	17 35	0 47	22 57	0 29	8 35	2 9	6 20	0 44	15 29	1 43	18 14	13 58	21 35	21 42	22 37	0 20	4 36	
T16	2 49	16 51	1 23	8 25	1 48	13 0	0 41	17 47	0 48	22 57	0 29	8 37	2 9	6 18	0 44	15 30	1 43	18 13	13 58	21 34	21 42	22 36	0 19	4 36	
F17	2 26	20 54	0 14	7 43	1 49	13 28	0 45	17 59	0 48	22 58	0 29	8 39	2 9	6 17	0 44	15 30	1 43	18 12	13 58	21 34	21 41	22 34	0 17	4 36	
S18	2 3	23 54	0n58	6 59	1 50	13 55	0 49	18 11	0 49	22 58	0 29	8 41	2 9	6 15	0 44	15 31	1 43	18 11	13 58	21 34	21 41	22 33	0 16	4 36	
S19	1 39	25 33	2 7	6 15	1 49	14 22	0 52	18 22	0 49	22 58	0 29	8 42	2 9	6 14	0 44	15 31	1 43	18 11	13 59	21 34	21 40	22 32	0 15	4 36	
M20	1 16	25 35	3 11	5 30	1 48	14 49	0 56	18 34	0 50	22 58	0 29	8 44	2 9	6 12	0 44	15 32	1 43	18 10	13 59	21 34	21 40	22 30	0 14	4 36	
T21	0 53	23 56	4 3	4 44	1 46	15 15	1 0	18 46	0 50	22 58	0 29	8 46	2 9	6 11	0 44	15 32	1 43	18 9	13 59	21 33	21 39	22 29	0 13	4 35	
W22	0 29	20 40	4 41	3 58	1 44	15 41	1 4	18 57	0 51	22 58	0 29	8 47	2 9	6 10	0 44	15 33	1 43	18 9	13 59	21 32	21 39	22 27	0 12	4 35	
T23	0 6	16 3	5 0	3 11	1 41	16 7	1 8	19 8	0 52	22 58	0 29	8 49	2 9	6 8	0 44	15 33	1 43	18 8	13 59	21 31	21 38	22 26	0 10	4 35	
F24	0s17	10 27	5 0	2 24	1 38	16 33	1 11	19 19	0 52	22 58	0 29	8 51	2 9	6 7	0 44	15 34	1 43	18 7	13 59	21 29	21 38	22 25	0 9	4 35	
S25	0 41	4 20	4 39	1 37	1 34	16 58	1 15	19 30	0 53	22 58	0 29	8 52	2 9	6 5	0 44	15 34	1 43	18 7	13 59	21 28	21 37	22 23	0 8	4 35	
S26	1 4	1s56	4 1	0 49	1 30	17 22	1 19	19 41	0 53	22 58	0 29	8 54	2 9	6 4	0 44	15 35	1 43	18 6	14 0	21 26	21 37	22 22	0 7	4 35	
M27	1 28	7 58	3 8	0 2	1 25	17 46	1 23	19 52	0 54	22 58	0 29	8 55	2 9	6 2	0 44	15 35	1 43	18 5	14 0	21 25	21 36	22 20	0 6	4 35	
T28	1 51	13 27	2 6	0s45	1 20	18 10	1 27	20 2	0 54	22 58	0 29	8 57	2 9	6 1	0 44	15 36	1 43	18 5	14 0	21 24	21 36	22 19	0 5	4 35	
W29	2 14	18 8	0 59	1 32	1 15	18 34	1 30	20 13	0 55	22 58	0 29	8 58	2 9	6 0	0 44	15 36	1 43	18 4	14 0	21 24	21 35	22 18	0 3	4 34	
T30	2s38	21s49	0s 9	2s19	1n10	18s57	1s34	20s23	0s55	22n58	0s29	9s 0	2s 9	5n58	0n44	15s37	1n43	18n 3	14n 0	21n24	21n35	22s16	0n 2	4n34	

ASTRODIENST EPHEMERIS for the year 1965
geocentric

OCTOBER 1965

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	0 38 4	7♌36°09	20♊36	10♈16	20♍1	27♍42	0♈44	12°R 3	16♐39	18♍15	16♐52	6♐28	7♐31	9♐32	19°R26	F 1
S 2	0 42 0	8°35'10	2♌47	12° 0	21°10	28°24	0°48	11♋59	16°43	18°17	16°54	6°R29	7°28	9°39	19♋23	S 2
S 3	0 45 57	9°34'13	14°46	13°43	22°19	29° 6	0°51	11°56	16°46	18°19	16°56	6°29	7°25	9°46	19°21	S 3
M 4	0 49 53	10°33'18	26°39	15°26	23°29	29°48	0°54	11°52	16°50	18°21	16°58	6°27	7°22	9°52	19°18	M 4
T 5	0 53 50	11°32'25	8♌30	17° 7	24°37	0♊30	0°57	11°48	16°53	18°23	17° 0	6°23	7°18	9°59	19°16	T 5
W 6	0 57 46	12°31'33	20°23	18°48	25°46	1°13	1° 0	11°44	16°57	18°24	17° 2	6°17	7°15	10° 6	19°13	W 6
T 7	1 1 43	13°30'44	2♋24	20°28	26°55	1°55	1° 3	11°41	17° 0	18°26	17° 4	6°10	7°12	10°13	19°11	T 7
F 8	1 5 40	14°29'56	14°34	22° 7	28° 4	2°38	1° 5	11°37	17° 4	18°28	17° 6	6° 0	7° 9	10°19	19° 8	F 8
S 9	1 9 36	15°29'10	26°56	23°45	29°12	3°21	1° 7	11°34	17° 7	18°30	17° 8	5°51	7° 6	10°26	19° 6	S 9
S 10	1 13 33	16°28'26	9♍30	25°23	0♊21	4° 3	1° 9	11°31	17°10	18°32	17°10	5°42	7° 2	10°33	19° 3	S 10
M 11	1 17 29	17°27'44	22°18	26°59	1°29	4°46	1°11	11°27	17°14	18°34	17°12	5°34	6°59	10°39	19° 1	M 11
T 12	1 21 26	18°27'04	5♌18	28°36	2°37	5°29	1°13	11°24	17°17	18°36	17°14	5°28	6°56	10°46	18°59	T 12
W 13	1 25 22	19°26'26	18°29	0♍11	3°45	6°12	1°14	11°21	17°21	18°38	17°16	5°24	6°53	10°53	18°56	W 13
T 14	1 29 19	20°25'50	1♐52	1°46	4°53	6°55	1°16	11°18	17°24	18°40	17°18	5°D23	6°50	10°59	18°54	T 14
F 15	1 33 15	21°25'17	15°26	3°20	6° 1	7°38	1°17	11°15	17°27	18°42	17°20	5°23	6°47	11° 6	18°52	F 15
S 16	1 37 12	22°24'46	29°10	4°53	7° 8	8°21	1°18	11°12	17°31	18°44	17°22	5°25	6°43	11°13	18°50	S 16
S 17	1 41 8	23°24'18	13♌4	6°26	8°16	9° 5	1°18	11° 9	17°34	18°46	17°23	5°26	6°40	11°20	18°48	S 17
M 18	1 45 5	24°23'51	27° 8	7°58	9°23	9°48	1°19	11° 7	17°37	18°48	17°25	5°R26	6°37	11°26	18°45	M 18
T 19	1 49 2	25°23'27	11♐21	9°29	10°31	10°31	1°19	11° 4	17°40	18°50	17°27	5°25	6°34	11°33	18°43	T 19
W 20	1 52 58	26°23'06	25°41	11° 0	11°38	11°15	1°R19	11° 2	17°43	18°53	17°29	5°22	6°31	11°40	18°41	W 20
T 21	1 56 55	27°22'46	10♐4	12°30	12°45	11°59	1°19	10°59	17°47	18°55	17°30	5°18	6°28	11°46	18°39	T 21
F 22	2 0 51	28°22'29	24°26	14° 0	13°52	12°42	1°18	10°57	17°50	18°57	17°32	5°12	6°24	11°53	18°37	F 22
S 23	2 4 48	29°22'14	8♌41	15°28	14°58	13°26	1°18	10°54	17°53	18°59	17°34	5° 6	6°21	12° 0	18°35	S 23
S 24	2 8 44	0♍22°01	22°46	16°57	16° 5	14°10	1°17	10°52	17°56	19° 1	17°36	5° 1	6°18	12° 7	18°34	S 24
M 25	2 12 41	1°21'50	6♍34	18°24	17°11	14°54	1°16	10°50	17°59	19° 3	17°37	4°57	6°15	12°13	18°32	M 25
T 26	2 16 37	2°21'41	20° 2	19°51	18°17	15°38	1°15	10°48	18° 2	19° 5	17°39	4°54	6°12	12°20	18°30	T 26
W 27	2 20 34	3°21'33	3♊10	21°18	19°23	16°22	1°14	10°46	18° 5	19° 8	17°41	4°D53	6° 8	12°27	18°28	W 27
T 28	2 24 31	4°21'28	15°57	22°43	20°29	17° 6	1°12	10°44	18° 8	19°10	17°42	4°54	6° 5	12°33	18°26	T 28
F 29	2 28 27	5°21'25	28°25	24° 8	21°35	17°50	1°10	10°43	18°10	19°12	17°44	4°55	6° 2	12°40	18°25	F 29
S 30	2 32 24	6°21'23	10♌38	25°32	22°40	18°34	1° 8	10°41	18°13	19°14	17°45	4°57	5°59	12°47	18°23	S 30
S 31	2 36 20	7♍21'23	22♌39	26♍56	23♊45	19♊19	1♌6	10♋40	18♐16	19♍16	17♐47	4♐59	5♐56	12♌54	18♋22	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	3s 1	24s21	1s15	3s 5	1n 4	19s19	1s38	20s33	0s56	22n58	0s29	9s 1	2s 9	5n57	0n44	15s37	1n43	18n 3	14n 1	21n24	21n34	22s15	0n 1	4n34									
S 2	3 24	25 41	2 16	3 51	0 58	19 41	1 42	20 43	0 56	22 58	0 29	9 3	2 8	5 56	0 44	15 38	1 43	18 2	14 1	21 24	21 34	22 13	0s 0	4 34									
S 3	3 48	25 47	3 10	4 37	0 52	20 3	1 45	20 53	0 57	22 58	0 29	9 4	2 8	5 54	0 44	15 38	1 43	18 2	14 1	21 24	21 33	22 12	0 1	4 34									
M 4	4 11	24 41	3 56	5 22	0 46	20 24	1 49	21 2	0 57	22 58	0 29	9 6	2 8	5 53	0 44	15 39	1 43	18 1	14 1	21 23	21 33	22 10	0 2	4 34									
T 5	4 34	22 30	4 31	6 7	0 39	20 45	1 53	21 12	0 57	22 58	0 29	9 7	2 8	5 51	0 44	15 39	1 43	18 0	14 1	21 23	21 32	22 9	0 3	4 34									
W 6	4 57	19 20	4 54	6 52	0 33	21 5	1 56	21 21	0 58	22 58	0 29	9 8	2 8	5 50	0 44	15 40	1 43	18 0	14 2	21 22	21 32	22 8	0 5	4 33									
T 7	5 20	15 22	5 5	7 36	0 26	21 25	2 0	21 30	0 58	22 58	0 29	9 9	2 8	5 49	0 44	15 41	1 43	17 59	14 2	21 20	21 31	22 6	0 6	4 33									
F 8	5 43	10 43	5 2	8 19	0 19	21 44	2 3	21 39	0 59	22 58	0 29	9 11	2 8	5 47	0 44	15 41	1 43	17 59	14 2	21 19	21 31	22 5	0 7	4 33									
S 9	6 6	5 35	4 46	9 2	0 13	22 3	2 7	21 48	0 59	22 58	0 29	9 12	2 8	5 46	0 44	15 42	1 43	17 58	14 2	21 17	21 30	22 3	0 8	4 33									
S 10	6 29	0 8	4 15	9 44	0 6	22 21	2 10	21 56	1 0	22 58	0 29	9 13	2 8	5 45	0 44	15 42	1 42	17 58	14 3	21 16	21 29	22 2	0 9	4 33									
M11	6 51	5n25	3 31	10 25	0s 1	22 39	2 14	22 5	1 0	22 58	0 29	9 14	2 8	5 43	0 44	15 43	1 42	17 57	14 3	21 14	21 29	22 0	0 10	4 32									
T 12	7 14	10 51	2 35	11 6	0 8	22 56	2 17	22 13	1 1	22 58	0 29	9 15	2 8	5 42	0 44	15 43	1 42	17 57	14 3	21 13	21 28	21 59	0 11	4 32									
W13	7 37	15 53	1 30	11 46	0 15	23 12	2 20	22 21	1 1	22 58	0 29	9 17	2 8	5 41	0 44	15 44	1 42	17 56	14 4	21 13	21 28	21 57	0 12	4 32									
T 14	7 59	20 14	0 19	12 26	0 22	23 28	2 24	22 29	1 1	22 58	0 28	9 18	2 8	5 40	0 44	15 45	1 42	17 56	14 4	21 12	21 27	21 56	0 13	4 32									
F 15	8 21	23 33	0n54	13 5	0 29	23 43	2 27	22 36	1 2	22 58	0 28	9 19	2 7	5 38	0 44	15 45	1 42	17 55	14 4	21 12	21 27	21 54	0 14	4 32									
S 16	8 44	25 32	2 5	13 43	0 36	23 58	2 30	22 44	1 2	22 58	0 28	9 20	2 7	5 37	0 44	15 46	1 42	17 55	14 4	21 13	21 26	21 53	0 15	4 31									
S 17	9 6	25 57	3 10	14 20	0 43	24 12	2 33	22 51	1 2	22 58	0 28	9 21	2 7	5 36	0 44	15 46	1 42	17 54	14 5	21 13	21 26	21 51	0 16	4 31									
M18	9 28	24 43	4 4	14 57	0 50	24 26	2 36	22 58	1 3	22 58	0 28	9 22	2 7	5 35	0 44	15 47	1 42	17 54	14 5	21 13	21 25	21 50	0 17	4 31									
T 19	9 49	21 55	4 43	15 33	0 56	24 39	2 39	23 4	1 3	22 58	0 28	9 23	2 7	5 33	0 44	15 47	1 42	17 53	14 5	21 13	21 25	21 48	0 18	4 31									
W 20	10 11	17 45	5 6	16 8	1 3	24 51	2 42	23 11	1 4	22 58	0 28	9 23	2 7	5 32	0 44	15 48	1 42	17 53	14 6	21 12	21 24	21 47	0 19	4 31									
T 21	10 33	12 34	5 9	16 42	1 10	25 3	2 45	23 17	1 4	22 58	0 28	9 24	2 7	5 31	0 44	15 49	1 42	17 53	14 6	21 11	21 24	21 45	0 20	4 30									
F 22	10 54	6 42	4 53	17 15	1 16	25 14	2 47	23 23	1 4	22 58	0 28	9 25	2 7	5 30	0 45	15 49	1 42	17 52	14 6	21 10	21 23	21 43	0 21	4 30									
S 23	11 15	0 31	4 19	17 48	1 22	25 25	2 50	23 29	1 5	22 58	0 28	9 26	2 7	5 29	0 45	15 50	1 42	17 52	14 7	21 9	21 22	21 42	0 22	4 30									
S 24	11 36	5s37	3 29	18 19	1 29	25 35	2 53	23 35	1 5	22 58	0 28	9 26	2 6	5 27	0 45	15 50	1 42	17 52	14 7	21 8	21 22	21 40	0 23	4 30									
M25	11 57	11 22	2 28	18 50	1 35	25 44	2 55	23 40	1 5	22 58	0 28	9 27	2 6	5 26	0 45	15 51	1 42	17 51	14 7	21 8	21 21	21 39	0 24	4 29									
T 26	12 18	16 28	1 20	19 20	1 41	25 52	2 57	23 45	1 6	22 58	0 28	9 28	2 6	5 25	0 45	15 52	1 42	17 51	14 8	21 7	21 21	21 37	0 25	4 29									
W27	12 38	20 38	0 9	19 48	1 47	26 0	3 0	23 50	1 6	22 58	0 28	9 28	2 6	5 24	0 45	15 52	1 42	17 51	14 8	21 7	21 20	21 36	0 26	4 29									
T 28	12 59	23 42	1s 0	20 16	1 52	26 8	3 2	23 55	1 6	22 58	0 28	9 29	2 6	5 23	0 45	15 53	1 42	17 50	14 9	21 7	21 20	21 34	0 27	4 29									
F 29	13 19	25 31	2 5	20 43	1 58	26 14	3 4	23 59	1 6	22 58	0 28	9 29	2 6	5 22	0 45	15 54	1 42	17 50	14 9	21 7	21 19	21 32	0 28	4 28									
S 30	13 39	26 4	3 3	21 8	2 3	26 20	3 6	24 4	1 7	22 59	0 28	9 30	2 6	5 21	0 45	15 54	1 42	17 50	14 9	21 8	21 19	21 31	0 29	4 28									
S 31	13s58	25s22	3s52	21s33	2s 8	26s26	3s 8	24s 8	1s 7	22n59	0s28	9s30	2s 6	5n20	0n45	15s55	1n42	17n50	14n10	21n 8	21n18	21s29	0s30	4n28									

ASTRODIENST EPHEMERIS for the year 1965
geocentric

NOVEMBER 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 40 17	8♍18	4♋32	28♍18	24♌50	20♌3	1°R 4	10°R38	18♍19	19♍19	17♍48	4°R59	5♊53	13♋0	18°R20	M 1
T 2	2 44 13	9°21'27	16°24	29°40	25°55	20°48	1♌1	10°R37	18°22	19°21	17°50	4♊59	5°49	13°7	18°R19	T 2
W 3	2 48 10	10°21'32	28°19	1♌0	27°0	21°32	0°59	10°36	18°24	19°23	17°51	4°58	5°46	13°14	18°17	W 3
T 4	2 52 6	11°21'38	10♋21	2°19	28°4	22°17	0°56	10°35	18°27	19°25	17°53	4°56	5°43	13°20	18°16	T 4
F 5	2 56 3	12°21'46	22°34	3°38	29°8	23°1	0°53	10°34	18°30	19°28	17°54	4°52	5°40	13°27	18°14	F 5
S 6	3 0 0	13°21'55	5♊2	4°55	0♌12	23°46	0°49	10°33	18°32	19°30	17°56	4°49	5°37	13°34	18°13	S 6
S 7	3 3 56	14°22'06	17°47	6°10	1°15	24°31	0°46	10°32	18°35	19°32	17°57	4°45	5°34	13°41	18°12	S 7
M 8	3 7 53	15°22'19	0♌50	7°24	2°18	25°16	0°42	10°31	18°37	19°34	17°58	4°43	5°30	13°47	18°11	M 8
T 9	3 11 49	16°22'33	14°10	8°36	3°21	26°1	0°38	10°31	18°40	19°37	18°0	4°41	5°27	13°54	18°9	T 9
W10	3 15 46	17°22'49	27°46	9°46	4°24	26°46	0°34	10°30	18°42	19°39	18°1	4°40	5°24	14°1	18°8	W10
T 11	3 19 42	18°23'07	11♊36	10°54	5°26	27°31	0°30	10°30	18°44	19°41	18°2	4°D40	5°21	14°7	18°7	T 11
F 12	3 23 39	19°23'27	25°36	11°59	6°28	28°16	0°25	10°29	18°47	19°43	18°3	4°40	5°18	14°14	18°6	F 12
S 13	3 27 35	20°23'48	9♌44	13°1	7°30	29°1	0°21	10°29	18°49	19°46	18°5	4°42	5°14	14°21	18°5	S 13
S 14	3 31 32	21°24'12	23°56	14°1	8°31	29°46	0°16	10°D29	18°51	19°48	18°6	4°43	5°11	14°28	18°5	S 14
M15	3 35 29	22°24'38	8♌10	14°56	9°32	0♌31	0°11	10°29	18°53	19°50	18°7	4°44	5°8	14°34	18°4	M15
T 16	3 39 25	23°25'05	22°23	15°48	10°33	1°17	0°6	10°29	18°55	19°52	18°8	4°R44	5°5	14°41	18°3	T 16
W17	3 43 22	24°25'34	6♍32	16°35	11°33	2°2	0°1	10°30	18°57	19°55	18°9	4°44	5°2	14°48	18°2	W17
T 18	3 47 18	25°26'05	20°36	17°16	12°33	2°48	29♊55	10°30	18°59	19°57	18°10	4°43	4°59	14°54	18°2	T 18
F 19	3 51 15	26°26'38	4♌32	17°52	13°32	3°33	29°50	10°30	19°1	19°59	18°11	4°42	4°55	15°1	18°1	F 19
S 20	3 55 11	27°27'12	18°19	18°22	14°31	4°19	29°44	10°31	19°3	20°1	18°12	4°41	4°52	15°8	18°0	S 20
S 21	3 59 8	28°27'49	1♍54	18°44	15°30	5°4	29°38	10°32	19°5	20°4	18°13	4°40	4°49	15°15	18°0	S 21
M22	4 3 4	29°28'27	15°17	18°59	16°28	5°50	29°32	10°32	19°7	20°6	18°14	4°40	4°46	15°21	18°0	M22
T 23	4 7 1	0♌29'06	28°24	19°R 4	17°26	6°36	29°26	10°33	19°9	20°8	18°15	4°D39	4°43	15°28	17°59	T 23
W24	4 10 58	1°29'47	11♌17	19°0	18°23	7°22	29°19	10°34	19°11	20°10	18°16	4°39	4°40	15°35	17°59	W24
T 25	4 14 54	2°30'30	23°54	18°46	19°20	8°8	29°13	10°35	19°12	20°12	18°17	4°40	4°36	15°41	17°59	T 25
F 26	4 18 51	3°31'13	6♌17	18°21	20°16	8°53	29°6	10°37	19°14	20°15	18°18	4°40	4°33	15°48	17°58	F 26
S 27	4 22 47	4°31'58	18°28	17°46	21°11	9°39	28°59	10°38	19°16	20°17	18°19	4°R40	4°30	15°55	17°58	S 27
S 28	4 26 44	5°32'44	0♌28	16°59	22°6	10°25	28°53	10°39	19°17	20°19	18°19	4°40	4°27	16°2	17°58	S 28
M29	4 30 40	6°33'31	12°22	16°2	23°1	11°11	28°46	10°41	19°19	20°21	18°20	4°40	4°24	16°8	17°D58	M29
T 30	4 34 37	7♌34'19	24♌14	14♌56	23♌54	11♌58	28♊38	10♋43	19♍20	20♍23	18♍21	4♊39	4♊20	16♌15	17♋58	T 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
M 1	14s18	23s31	4s31	21s57	2s13	26s30	3s10	24s11	1s7	22n59	0s28	9s31	2s5	5n19	0n45	15s55	1n42	17n49	14n10	21n8	21n18	21s27	0s30	4n28	
T 2	14 37	20 39	4 58	22 19	2 17	26 34	3 11	24 15	1 8	22 59	0 28	9 31	2 5	5 18	0 45	15 56	1 42	17 49	14 11	21 8	21 17	21 26	0 31	4 27	
W 3	14 56	16 56	5 12	22 40	2 22	26 38	3 13	24 18	1 8	22 59	0 28	9 32	2 5	5 17	0 45	15 57	1 42	17 49	14 11	21 8	21 16	21 24	0 32	4 27	
T 4	15 15	12 30	5 13	23 0	2 25	26 40	3 14	24 21	1 8	22 59	0 28	9 32	2 5	5 15	0 45	15 57	1 42	17 49	14 11	21 7	21 16	21 23	0 33	4 27	
F 5	15 33	7 32	4 59	23 19	2 29	26 42	3 16	24 24	1 8	22 59	0 28	9 32	2 5	5 15	0 45	15 58	1 42	17 48	14 12	21 7	21 15	21 21	0 34	4 27	
S 6	15 51	2 9	4 32	23 37	2 32	26 44	3 17	24 26	1 8	22 59	0 27	9 32	2 5	5 14	0 45	15 58	1 42	17 48	14 12	21 6	21 15	21 19	0 34	4 26	
S 7	16 9	3n26	3 50	23 53	2 35	26 44	3 18	24 29	1 9	22 59	0 27	9 32	2 5	5 13	0 45	15 59	1 42	17 48	14 13	21 6	21 14	21 18	0 35	4 26	
M 8	16 27	9 1	2 56	24 8	2 37	26 44	3 19	24 30	1 9	22 59	0 27	9 33	2 4	5 12	0 45	16 0	1 42	17 48	14 13	21 5	21 14	21 16	0 36	4 26	
T 9	16 44	14 20	1 51	24 22	2 39	26 44	3 20	24 32	1 9	22 59	0 27	9 33	2 4	5 11	0 45	16 0	1 42	17 48	14 13	21 5	21 13	21 14	0 36	4 26	
W10	17 1	19 3	0 38	24 34	2 41	26 43	3 20	24 34	1 9	22 59	0 27	9 33	2 4	5 10	0 45	16 1	1 42	17 48	14 14	21 5	21 12	21 13	0 37	4 25	
T 11	17 18	22 49	0n38	24 45	2 42	26 41	3 21	24 35	1 10	22 59	0 27	9 33	2 4	5 9	0 45	16 1	1 42	17 48	14 14	21 5	21 12	21 11	0 38	4 25	
F 12	17 35	25 15	1 53	24 54	2 42	26 38	3 21	24 36	1 10	23 0	0 27	9 33	2 4	5 8	0 45	16 2	1 42	17 48	14 15	21 5	21 11	21 9	0 38	4 25	
S 13	17 51	26 7	3 2	25 2	2 41	26 35	3 22	24 36	1 10	23 0	0 27	9 33	2 4	5 7	0 45	16 3	1 42	17 47	14 15	21 5	21 11	21 8	0 39	4 24	
S 14	18 7	25 16	4 0	25 8	2 40	26 32	3 22	24 37	1 10	23 0	0 27	9 32	2 3	5 6	0 45	16 3	1 42	17 47	14 16	21 5	21 10	21 6	0 40	4 24	
M15	18 23	22 47	4 43	25 13	2 38	26 27	3 22	24 37	1 10	23 0	0 27	9 32	2 3	5 6	0 45	16 4	1 42	17 47	14 16	21 5	21 10	21 4	0 40	4 24	
T 16	18 38	18 55	5 9	25 16	2 36	26 22	3 21	24 37	1 10	23 0	0 27	9 32	2 3	5 5	0 45	16 4	1 42	17 47	14 17	21 5	21 9	21 2	0 41	4 24	
W17	18 53	14 1	5 16	25 17	2 32	26 17	3 21	24 36	1 11	23 0	0 27	9 32	2 3	5 4	0 45	16 5	1 42	17 47	14 17	21 5	21 8	21 1	0 41	4 23	
T 18	19 8	8 23	5 4	25 17	2 27	26 11	3 20	24 36	1 11	23 0	0 27	9 32	2 3	5 3	0 45	16 6	1 42	17 47	14 17	21 5	21 8	20 59	0 42	4 23	
F 19	19 22	2 24	4 35	25 14	2 21	26 4	3 20	24 35	1 11	23 0	0 27	9 31	2 3	5 2	0 45	16 6	1 42	17 47	14 18	21 5	21 7	20 57	0 42	4 23	
S 20	19 36	3s39	3 49	25 10	2 15	25 57	3 19	24 33	1 11	23 0	0 26	9 31	2 2	5 2	0 45	16 7	1 42	17 47	14 18	21 5	21 7	20 56	0 43	4 22	
S 21	19 49	9 27	2 52	25 4	2 6	25 49	3 18	24 32	1 11	23 0	0 26	9 30	2 2	5 1	0 45	16 7	1 42	17 47	14 19	21 5	21 6	20 54	0 43	4 22	
M22	20 3	14 44	1 45	24 56	1 57	25 41	3 16	24 30	1 11	23 0	0 26	9 30	2 2	5 0	0 46	16 8	1 42	17 47	14 19	21 4	21 6	20 52	0 44	4 22	
T 23	20 15	19 15	0 35	24 45	1 46	25 32	3 15	24 28	1 11	23 0	0 26	9 30	2 2	5 0	0 46	16 9	1 42	17 48	14 20	21 4	21 5	20 50	0 44	4 21	
W24	20 28	22 45	0s37	24 32	1 33	25 22	3 13	24 26	1 11	23 0	0 26	9 29	2 2	4 59	0 46	16 9	1 42	17 48	14 20	21 4	21 4	20 49	0 45	4 21	
T 25	20 40	25 3	1 45	24 17	1 19	25 12	3 11	24 23	1 12	23 1	0 26	9 28	2 2	4 58	0 46	16 10	1 42	17 48	14 21	21 4	21 4	20 47	0 45	4 21	
F 26	20 52	26 4	2 47	24 0	1 4	25 2	3 9	24 20	1 12	23 1	0 26	9 28	2 1	4 58	0 46	16 10	1 42	17 48	14 21	21 4	21 3	20 45	0 45	4 21	
S 27	21 3	25 48	3 40	23 40	0 47	24 51	3 7	24 17	1 12	23 1	0 26	9 27	2 1	4 57	0 46	16 11	1 42	17 48	14 22	21 5	21 3	20 43	0 46	4 20	
S 28	21 14	24 19	4 23	23 17	0 29	24 40	3 5	24 14	1 12	23 1	0 26	9 26	2 1	4 57	0 46	16 11	1 42	17 48	14 22	21 4	21 2	20 42	0 46	4 20	
M29	21 25	21 47	4 54	22 52	0 9	24 28	3 2	24 10	1 12	23 1	0 26	9 26	2 1	4 56	0 46	16 12	1 42	17 48	14 23	21 4	21 2	20 40	0 46	4 20	
T 30	21s35	18s21	5s12	22s25	0n11	24s16	2s59	24s6	1s12	23n1	0s26	9s25	2s1	4n56	0n46	16s13	1n42	17n48	14n23	21n4	21n1	20s38	0s47	4n19	

ASTRODIENST EPHEMERIS for the year 1965

geocentric

DECEMBER 1965

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 38 34	8°35'07	6°17' 7	13°R43	24°348	12°344	28°R31	10°44	19°21	20°M26	18°22	4°D39	4°117	16°22	17°58	W 1
T 2	4 42 30	9°35'57	18° 8	12°24	25°40	13°30	28°II24	10°46	19°23	20°28	18°22	4°II39	4°11	16°28	17°58	T 2
F 3	4 46 27	10°36'48	0°Y19	11° 1	26°32	14°16	28°16	10°48	19°24	20°30	18°23	4°40	4°11	16°35	17°58	F 3
S 4	4 50 23	11°37'39	12°47	9°39	27°23	15° 2	28° 9	10°50	19°25	20°32	18°23	4°40	4° 8	16°42	17°59	S 4
S 5	4 54 20	12°38'31	25°34	8°18	28°13	15°49	28° 1	10°52	19°26	20°34	18°24	4°41	4° 5	16°49	17°59	S 5
M 6	4 58 16	13°39'24	8°42	7° 3	29° 2	16°35	27°54	10°54	19°28	20°36	18°24	4°42	4° 1	16°55	17°59	M 6
T 7	5 2 13	14°40'18	22°15	5°56	29°51	17°22	27°46	10°57	19°29	20°38	18°25	4°42	3°58	17° 2	18° 0	T 7
W 8	5 6 9	15°41'13	6°II 9	4°57	0°38	18° 8	27°38	10°59	19°30	20°40	18°25	4°R43	3°55	17° 9	18° 0	W 8
T 9	5 10 6	16°42'09	20°24	4° 9	1°25	18°54	27°30	11° 2	19°31	20°43	18°26	4°42	3°52	17°15	18° 1	T 9
F 10	5 14 3	17°43'06	4°53	3°32	2°11	19°41	27°22	11° 4	19°31	20°45	18°26	4°41	3°49	17°22	18° 1	F 10
S 11	5 17 59	18°44'04	19°31	3° 7	2°56	20°28	27°14	11° 7	19°32	20°47	18°27	4°40	3°46	17°29	18° 2	S 11
S 12	5 21 56	19°45'03	4°12	2°52	3°40	21°14	27° 6	11°10	19°33	20°49	18°27	4°38	3°42	17°36	18° 3	S 12
M13	5 25 52	20°46'03	18°48	2°D48	4°22	22° 1	26°58	11°13	19°34	20°51	18°27	4°36	3°39	17°42	18° 3	M13
T 14	5 29 49	21°47'04	3°14	2°55	5° 4	22°47	26°50	11°16	19°34	20°53	18°27	4°34	3°36	17°49	18° 4	T 14
W15	5 33 45	22°48'06	17°27	3°10	5°44	23°34	26°42	11°19	19°35	20°55	18°28	4°D33	3°33	17°56	18° 5	W15
T 16	5 37 42	23°49'08	1°25	3°34	6°24	24°21	26°34	11°22	19°36	20°57	18°28	4°34	3°30	18° 2	18° 6	T 16
F 17	5 41 38	24°50'12	15° 6	4° 6	7° 2	25° 8	26°26	11°25	19°36	20°59	18°28	4°34	3°26	18° 9	18° 7	F 17
S 18	5 45 35	25°51'17	28°31	4°45	7°38	25°54	26°18	11°29	19°37	21° 1	18°28	4°36	3°23	18°16	18° 8	S 18
S 19	5 49 32	26°52'23	11°14	5°29	8°14	26°41	26° 9	11°32	19°37	21° 2	18°28	4°37	3°20	18°23	18° 9	S 19
M20	5 53 28	27°53'29	24°39	6°19	8°48	27°28	26° 1	11°36	19°37	21° 4	18°28	4°39	3°17	18°29	18°10	M20
T 21	5 57 25	28°54'36	7°24	7°14	9°20	28°15	25°53	11°40	19°38	21° 6	18°R28	4°R39	3°14	18°36	18°11	T 21
W22	6 1 21	29°55'44	19°57	8°13	9°51	29° 2	25°45	11°43	19°38	21° 8	18°28	4°38	3°11	18°43	18°13	W22
T 23	6 5 18	0°56'53	2°30	9°15	10°21	29°49	25°37	11°47	19°38	21°10	18°28	4°36	3° 7	18°50	18°14	T 23
F 24	6 9 14	1°58'01	14°33	10°21	10°48	0°36	25°29	11°51	19°38	21°12	18°28	4°32	3° 4	18°56	18°15	F 24
S 25	6 13 11	2°59'11	26°38	11°30	11°15	1°23	25°21	11°55	19°R38	21°14	18°28	4°27	3° 1	19° 3	18°17	S 25
S 26	6 17 7	4° 0'20	8°36	12°41	11°39	2°10	25°13	11°59	19°38	21°15	18°28	4°21	2°58	19°10	18°18	S 26
M27	6 21 4	5° 1'29	20°29	13°54	12° 1	2°57	25° 5	12° 4	19°38	21°17	18°28	4°16	2°55	19°16	18°20	M27
T 28	6 25 1	6° 2'39	2°12	15°10	12°22	3°44	24°57	12° 8	19°38	21°19	18°27	4°11	2°52	19°23	18°21	T 28
W29	6 28 57	7° 3'48	14°12	16°27	12°40	4°31	24°49	12°12	19°38	21°21	18°27	4° 7	2°48	19°30	18°23	W29
T 30	6 32 54	8° 4'58	26° 9	17°45	12°57	5°19	24°41	12°17	19°37	21°22	18°27	4° 4	2°45	19°37	18°24	T 30
F 31	6 36 50	9°3 6'07	8°Y16	19°5 5	13°11	6° 6	24°II34	12°21	19°37	21°M24	18°27	4°D 4	2°II42	19°43	18°26	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21s44	14s10	5s17	21s56	0n31	24s 3	2s56	24s 2	1s12	23n 1	0s25	9s24	2s 1	4n55	0n46	16s13
T 2	21 54	9 25	5 8	21 26	0 51	23 50	2 52	23 57	1 12	23 1	0 25	9 23	2 1	4 55	0 46	16 14
F 3	22 3	4 15	4 46	20 56	1 11	23 37	2 49	23 52	1 12	23 1	0 25	9 22	2 0	4 54	0 46	16 14
S 4	22 11	1n13	4 10	20 25	1 30	23 23	2 45	23 47	1 12	23 1	0 25	9 22	2 0	4 54	0 46	16 15
S 5	22 19	6 46	3 20	19 56	1 47	23 9	2 41	23 42	1 12	23 1	0 25	9 21	2 0	4 53	0 46	16 15
M 6	22 27	12 13	2 19	19 29	2 2	22 54	2 36	23 36	1 12	23 1	0 25	9 20	2 0	4 53	0 46	16 16
T 7	22 34	17 14	1 9	19 5	2 16	22 40	2 32	23 31	1 12	23 1	0 25	9 19	2 0	4 52	0 46	16 16
W 8	22 41	21 28	0n 8	18 44	2 27	22 25	2 27	23 24	1 12	23 1	0 25	9 17	2 0	4 52	0 46	16 17
T 9	22 47	24 31	1 26	18 26	2 35	22 9	2 22	23 18	1 12	23 1	0 25	9 16	1 59	4 52	0 46	16 17
F 10	22 53	26 0	2 39	18 13	2 42	21 54	2 16	23 11	1 12	23 1	0 24	9 15	1 59	4 51	0 46	16 18
S 11	22 58	25 42	3 43	18 4	2 46	21 38	2 11	23 4	1 12	23 1	0 24	9 14	1 59	4 51	0 46	16 18
S 12	23 3	23 37	4 32	17 59	2 48	21 22	2 5	22 57	1 12	23 1	0 24	9 13	1 59	4 51	0 46	16 19
M13	23 7	20 0	5 4	17 58	2 49	21 5	1 59	22 50	1 12	23 1	0 24	9 12	1 59	4 51	0 46	16 19
T 14	23 11	15 13	5 15	18 0	2 48	20 49	1 52	22 42	1 12	23 1	0 24	9 10	1 59	4 50	0 46	16 20
W15	23 15	9 41	5 8	18 5	2 46	20 32	1 45	22 34	1 12	23 1	0 24	9 9	1 58	4 50	0 47	16 20
T 16	23 18	3 45	4 42	18 13	2 43	20 16	1 38	22 26	1 12	23 0	0 24	9 8	1 58	4 50	0 47	16 21
F 17	23 21	2s15	4 0	18 23	2 38	19 59	1 30	22 17	1 12	23 0	0 23	9 6	1 58	4 50	0 47	16 21
S 18	23 23	8 3	3 6	18 35	2 33	19 42	1 23	22 9	1 12	23 0	0 23	9 5	1 58	4 50	0 47	16 22
S 19	23 24	13 24	2 3	18 48	2 27	19 25	1 14	22 0	1 12	23 0	0 23	9 3	1 58	4 50	0 47	16 22
M20	23 26	18 3	0 55	19 3	2 21	19 8	1 6	21 50	1 11	23 0	0 23	9 2	1 58	4 50	0 47	16 23
T 21	23 26	21 48	0s15	19 19	2 14	18 50	0 57	21 41	1 11	23 0	0 23	9 0	1 58	4 50	0 47	16 23
W22	23 27	24 27	1 23	19 36	2 7	18 33	0 48	21 31	1 11	23 0	0 23	8 59	1 57	4 49	0 47	16 24
T 23	23 26	25 52	2 26	19 53	1 59	18 16	0 39	21 21	1 11	23 0	0 23	8 57	1 57	4 49	0 47	16 24
F 24	23 26	25 59	3 21	20 10	1 52	17 59	0 29	21 11	1 11	23 0	0 22	8 55	1 57	4 49	0 47	16 25
S 25	23 25	24 52	4 7	20 27	1 44	17 42	0 19	21 0	1 11	23 0	0 22	8 54	1 57	4 49	0 47	16 25
S 26	23 23	22 38	4 41	20 45	1 36	17 25	0 8	20 50	1 11	22 59	0 22	8 52	1 57	4 50	0 47	16 25
M27	23 21	19 27	5 3	21 2	1 27	17 9	0n 3	20 39	1 11	22 59	0 22	8 50	1 57	4 50	0 47	16 26
T 28	23 18	15 29	5 12	21 19	1 19	16 52	0 14	20 28	1 10	22 59	0 22	8 49	1 57	4 50	0 47	16 26
W29	23 15	10 56	5 7	21 35	1 11	16 36	0 26	20 16	1 10	22 59	0 22	8 47	1 57	4 50	0 47	16 27
T 30	23 12	5 57	4 49	21 51	1 2	16 20	0 38	20 5	1 10	22 59	0 21	8 45	1 56	4 50	0 47	16 27
F 31	23s 8	0s40	4s18	22s 6	0n54	16s 4	0n50	19s53	1s10	22n59	0s21	8s43	1s56	4n50	0n47	16s28

Julian Day Number = 2439095.5, Delta T = 36.47 sec
 Ecliptic obliquity = 23°26'41, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°15'51, Lahiri = 23°22'52