



Astrodienst Ephemeris Tables for the year 1754

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 1754

geocentric

JANUARY 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 10	10°36'27	1°51	26°R24	18°53	18°11	16°R44	8°347	4°28	5°R48	12°26	23°R18	22°56	3°51	23°10	T 1
W 2	6 46 7	11°37'37	13°50	25°51	20° 9	18°19	16°R38	8°54	4°30	5°R46	12°29	23°D18	22°53	3°58	23°16	W 2
T 3	6 50 3	12°38'47	26° 2	25°27	21°24	18°28	16°33	9° 1	4°32	5°45	12°31	23°R18	22°49	4° 5	23°23	T 3
F 4	6 54 0	13°39'56	8°33	25°14	22°39	18°38	16°27	9° 8	4°35	5°43	12°33	23°17	22°46	4°11	23°29	F 4
S 5	6 57 56	14°41'05	21°27	25°D10	23°54	18°48	16°21	9°15	4°37	5°42	12°35	23°14	22°43	4°18	23°36	S 5
S 6	7 1 53	15°42'13	4°49	25°14	25° 9	18°59	16°16	9°22	4°40	5°40	12°37	23° 9	22°40	4°25	23°42	S 6
M 7	7 5 49	16°43'21	18°39	25°27	26°24	19°10	16° 9	9°29	4°42	5°38	12°39	23° 1	22°37	4°32	23°48	M 7
T 8	7 9 46	17°44'29	2°55	25°48	27°39	19°22	16° 3	9°36	4°45	5°37	12°41	22°50	22°33	4°38	23°55	T 8
W 9	7 13 43	18°45'36	17°34	26°15	28°54	19°35	15°57	9°43	4°48	5°35	12°43	22°38	22°30	4°45	24° 1	W 9
T 10	7 17 39	19°46'43	2°27	26°48	0°3 9	19°48	15°51	9°50	4°50	5°34	12°45	22°26	22°27	4°52	24° 8	T 10
F 11	7 21 36	20°47'49	17°26	27°26	1°24	20° 2	15°44	9°57	4°53	5°32	12°47	22°15	22°24	4°58	24°14	F 11
S 12	7 25 32	21°48'55	2°20	28°10	2°39	20°16	15°37	10° 4	4°56	5°30	12°49	22° 7	22°21	5° 5	24°20	S 12
S 13	7 29 29	22°50'01	17° 2	28°58	3°55	20°31	15°31	10°11	4°58	5°29	12°50	22° 1	22°18	5°12	24°26	S 13
M14	7 33 25	23°51'06	1°27	29°50	5°10	20°46	15°24	10°18	5° 1	5°27	12°52	21°58	22°14	5°18	24°32	M14
T 15	7 37 22	24°52'11	15°33	0°346	6°25	21° 2	15°17	10°25	5° 4	5°26	12°54	21°57	22°11	5°25	24°39	T 15
W16	7 41 18	25°53'16	29°18	1°45	7°40	21°18	15° 9	10°32	5° 7	5°24	12°56	21°57	22° 8	5°32	24°45	W16
T 17	7 45 15	26°54'20	12°44	2°47	8°55	21°35	15° 2	10°39	5°10	5°22	12°58	21°57	22° 5	5°38	24°51	T 17
F 18	7 49 12	27°55'25	25°55	3°52	10°10	21°52	14°55	10°46	5°12	5°21	13° 0	21°54	22° 2	5°45	24°57	F 18
S 19	7 53 8	28°56'28	8°51	4°59	11°25	22° 9	14°48	10°53	5°15	5°19	13° 1	21°49	21°59	5°52	25° 3	S 19
S 20	7 57 5	29°57'32	21°34	6° 8	12°41	22°28	14°40	11° 0	5°18	5°17	13° 3	21°41	21°55	5°58	25° 9	S 20
M21	8 1 1	0°58'34	4°3 8	7°20	13°56	22°46	14°33	11° 6	5°21	5°15	13° 5	21°30	21°52	6° 5	25°15	M21
T 22	8 4 58	1°59'36	16°31	8°33	15°11	23° 5	14°25	11°13	5°24	5°14	13° 6	21°16	21°49	6°12	25°21	T 22
W23	8 8 54	3° 0'37	28°46	9°47	16°26	23°24	14°17	11°20	5°27	5°12	13° 8	21° 2	21°46	6°19	25°26	W23
T 24	8 12 51	4° 1'38	10°52	11° 4	17°41	23°44	14°10	11°27	5°30	5°10	13°10	20°47	21°43	6°25	25°32	T 24
F 25	8 16 47	5° 2'37	22°51	12°21	18°56	24° 4	14° 2	11°33	5°33	5° 9	13°11	20°34	21°39	6°32	25°38	F 25
S 26	8 20 44	6° 3'35	4°44	13°41	20°11	24°25	13°54	11°40	5°36	5° 7	13°13	20°24	21°36	6°39	25°43	S 26
S 27	8 24 41	7° 4'32	16°32	15° 1	21°27	24°46	13°46	11°47	5°40	5° 5	13°15	20°16	21°33	6°45	25°49	S 27
M28	8 28 37	8° 5'28	28°19	16°22	22°42	25° 7	13°38	11°53	5°43	5° 4	13°16	20°11	21°30	6°52	25°55	M28
T 29	8 32 34	9° 6'23	10°9	17°45	23°57	25°29	13°30	12° 0	5°46	5° 2	13°18	20° 9	21°27	6°59	26° 0	T 29
W30	8 36 30	10° 7'16	22° 6	19° 9	25°12	25°50	13°22	12° 7	5°49	5° 0	13°19	20°D 8	21°24	7° 5	26° 6	W30
T 31	8 40 27	11°8'08	4°15	20°33	26°27	26°13	13°14	12°13	5°52	4°59	13°21	20°18	21°20	7°12	26°11	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	23s 3	2n26	1n51	20s11	3n14	22s19	0n42	19n10	1n58	16n39	0n50	22s40	0n31	10s35	0s45	18n43
W 2	22 58	6 14	0 50	20 12	3 13	22 27	0 39	19 12	1 59	16 40	0 51	22 40	0 31	10 34	0 45	18 43
T 3	22 52	9 50	0s15	20 14	3 10	22 35	0 37	19 15	1 59	16 42	0 51	22 39	0 31	10 33	0 45	18 44
F 4	22 46	13 7	1 20	20 18	3 5	22 42	0 34	19 19	2 0	16 44	0 51	22 39	0 30	10 32	0 45	18 44
S 5	22 40	15 51	2 23	20 23	3 0	22 48	0 31	19 22	2 0	16 46	0 51	22 38	0 30	10 31	0 45	18 45
S 6	22 33	17 50	3 21	20 30	2 53	22 54	0 29	19 25	2 1	16 48	0 51	22 38	0 30	10 30	0 45	18 45
M 7	22 25	18 51	4 9	20 38	2 46	22 59	0 26	19 29	2 1	16 50	0 52	22 38	0 30	10 29	0 45	18 45
T 8	22 17	18 44	4 43	20 47	2 38	23 3	0 24	19 32	2 1	16 52	0 52	22 37	0 30	10 28	0 45	18 46
W 9	22 9	17 22	4 59	20 56	2 29	23 7	0 21	19 36	2 2	16 54	0 52	22 37	0 30	10 27	0 45	18 46
T 10	22 1	14 50	4 56	21 6	2 20	23 10	0 19	19 40	2 2	16 56	0 52	22 36	0 30	10 26	0 45	18 47
F 11	21 51	11 18	4 32	21 16	2 11	23 12	0 16	19 44	2 2	16 58	0 52	22 36	0 30	10 25	0 45	18 47
S 12	21 42	7 4	3 50	21 26	2 1	23 13	0 13	19 48	2 3	17 1	0 53	22 35	0 30	10 24	0 45	18 47
S 13	21 32	2 28	2 53	21 36	1 52	23 14	0 11	19 52	2 3	17 3	0 53	22 35	0 30	10 23	0 45	18 48
M14	21 22	2s12	1 46	21 46	1 42	23 14	0 8	19 57	2 3	17 5	0 53	22 34	0 30	10 22	0 44	18 48
T 15	21 11	6 39	0 34	21 56	1 32	23 13	0 6	20 1	2 3	17 7	0 53	22 34	0 30	10 21	0 44	18 49
W16	21 0	10 38	0n39	22 5	1 23	23 12	0 3	20 5	2 3	17 10	0 53	22 33	0 30	10 20	0 44	18 49
T 17	20 48	13 58	1 48	22 13	1 13	23 10	0 20	20 10	2 4	17 12	0 53	22 33	0 30	10 19	0 44	18 50
F 18	20 36	16 31	2 49	22 21	1 3	23 7	0s 2	20 15	2 4	17 14	0 54	22 32	0 30	10 18	0 44	18 50
S 19	20 24	18 10	3 41	22 29	0 54	23 3	0 5	20 19	2 4	17 16	0 54	22 32	0 30	10 17	0 44	18 50
S 20	20 11	18 52	4 20	22 35	0 45	22 59	0 7	20 24	2 4	17 19	0 54	22 31	0 29	10 16	0 44	18 51
M21	19 58	18 38	4 47	22 41	0 35	22 54	0 10	20 29	2 4	17 21	0 54	22 31	0 29	10 15	0 44	18 51
T 22	19 44	17 30	4 59	22 45	0 26	22 48	0 12	20 34	2 4	17 24	0 54	22 30	0 29	10 14	0 44	18 52
W23	19 31	15 35	4 57	22 49	0 18	22 42	0 15	20 39	2 4	17 26	0 54	22 30	0 29	10 13	0 44	18 52
T 24	19 16	13 0	4 42	22 52	0 9	22 35	0 17	20 44	2 4	17 28	0 55	22 29	0 29	10 11	0 44	18 52
F 25	19 2	9 54	4 15	22 53	0 0	22 27	0 20	20 49	2 4	17 31	0 55	22 29	0 29	10 10	0 44	18 53
S 26	18 47	6 26	3 36	22 54	0s 8	22 19	0 22	20 54	2 4	17 33	0 55	22 28	0 29	10 9	0 44	18 53
S 27	18 32	2 44	2 48	22 53	0 16	22 10	0 24	20 59	2 4	17 36	0 55	22 28	0 29	10 8	0 44	18 54
M28	18 16	1n 4	1 53	22 52	0 24	22 0	0 27	21 4	2 4	17 38	0 55	22 27	0 29	10 7	0 44	18 54
T 29	18 0	4 50	0 53	22 49	0 32	21 49	0 29	21 10	2 4	17 40	0 55	22 27	0 29	10 6	0 44	18 55
W30	17 44	8 27	0s10	22 45	0 39	21 38	0 31	21 15	2 4	17 43	0 55	22 26	0 29	10 4	0 44	18 55
T 31	17s27	11n47	1s14	22s39	0s46	21s27	0s34	21n20	2n 4	17n45	0n56	22s26	0n29	10s 3	0s44	18n55

Julian Day Number = 2361695.5, Delta T = 17.16 sec
 Ecliptic obliquity = 23°28'08", Nutation = 0°00'07", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°18'21", Lahiri = 20°25'22"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

FEBRUARY 1754

00:00 UT

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

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s10	14n40	2s17	22s33	0s53	21s14	0s36	21n25	2n 4	17n48	0n56	22s25	0n29	10s 2	0s44	18n56	0s 8	12s34	9n56	7s53	8s19	5s31	17s59	5n26			
S 2	16 53	16 55	3 14	22 25	1 0	21 1	0 38	21 31	2 4	17 50	0 56	22 25	0 29	10 1	0 44	18 56	0 8	12 34	9 56	7 52	8 18	5 29	17 59	5 26			
S 3	16 36	18 21	4 2	22 16	1 6	20 47	0 40	21 36	2 3	17 52	0 56	22 24	0 29	10 0	0 44	18 57	0 8	12 34	9 56	7 51	8 16	5 27	17 59	5 27			
M 4	16 18	18 46	4 39	22 5	1 12	20 33	0 43	21 41	2 3	17 55	0 56	22 23	0 29	9 58	0 44	18 57	0 8	12 34	9 57	7 49	8 15	5 25	17 58	5 27			
T 5	16 0	18 3	5 0	21 53	1 18	20 18	0 45	21 46	2 3	17 57	0 56	22 23	0 29	9 57	0 44	18 57	0 8	12 34	9 57	7 46	8 14	5 23	17 58	5 28			
W 6	15 42	16 6	5 2	21 40	1 23	20 3	0 47	21 52	2 3	17 59	0 56	22 22	0 29	9 56	0 44	18 58	0 7	12 34	9 57	7 42	8 13	5 21	17 58	5 28			
T 7	15 23	13 3	4 44	21 26	1 29	19 47	0 49	21 57	2 3	18 2	0 56	22 22	0 29	9 55	0 44	18 58	0 7	12 34	9 57	7 38	8 12	5 20	17 57	5 29			
F 8	15 4	9 5	4 5	21 10	1 34	19 30	0 51	22 2	2 3	18 4	0 56	22 21	0 29	9 53	0 44	18 59	0 7	12 34	9 57	7 35	8 10	5 18	17 57	5 29			
S 9	14 45	4 31	3 9	20 53	1 38	19 13	0 53	22 8	2 3	18 6	0 56	22 21	0 28	9 52	0 44	18 59	0 7	12 34	9 58	7 32	8 9	5 16	17 57	5 30			
S 10	14 26	0s17	2 0	20 35	1 43	18 55	0 55	22 13	2 3	18 9	0 56	22 20	0 28	9 51	0 44	18 59	0 7	12 34	9 58	7 31	8 8	5 14	17 56	5 30			
M11	14 6	4 59	0 44	20 15	1 47	18 37	0 56	22 18	2 2	18 11	0 57	22 20	0 28	9 50	0 44	19 0	0 7	12 34	9 58	7 30	8 7	5 12	17 56	5 31			
T 12	13 47	9 16	0n33	19 53	1 50	18 18	0 58	22 23	2 2	18 13	0 57	22 19	0 28	9 48	0 44	19 0	0 7	12 34	9 58	7 30	8 6	5 10	17 55	5 31			
W13	13 27	12 54	1 46	19 31	1 54	17 58	1 0	22 29	2 2	18 15	0 57	22 18	0 28	9 47	0 44	19 1	0 7	12 33	9 58	7 30	8 4	5 8	17 55	5 32			
T 14	13 6	15 43	2 50	19 7	1 57	17 38	1 2	22 34	2 2	18 17	0 57	22 18	0 28	9 46	0 44	19 1	0 7	12 33	9 59	7 30	8 3	5 6	17 54	5 32			
F 15	12 46	17 38	3 44	18 41	1 59	17 18	1 3	22 39	2 2	18 19	0 57	22 17	0 28	9 45	0 44	19 1	0 7	12 33	9 59	7 30	8 2	5 5	17 54	5 33			
S 16	12 25	18 35	4 25	18 15	2 2	16 57	1 5	22 44	2 1	18 22	0 57	22 17	0 28	9 43	0 44	19 2	0 7	12 33	9 59	7 29	8 1	5 3	17 54	5 33			
S 17	12 4	18 35	4 52	17 46	2 4	16 36	1 6	22 49	2 1	18 24	0 57	22 16	0 28	9 42	0 44	19 2	0 7	12 33	9 59	7 27	8 0	5 1	17 53	5 34			
M18	11 43	17 42	5 6	17 17	2 5	16 14	1 8	22 54	2 1	18 26	0 57	22 16	0 28	9 41	0 44	19 3	0 7	12 33	10 0	7 25	7 58	4 59	17 53	5 34			
T 19	11 22	16 2	5 5	16 46	2 6	15 52	1 9	22 59	2 1	18 28	0 57	22 15	0 28	9 40	0 44	19 3	0 7	12 33	10 0	7 22	7 57	4 57	17 52	5 35			
W20	11 1	13 40	4 50	16 13	2 7	15 29	1 11	23 4	2 1	18 30	0 57	22 15	0 28	9 38	0 44	19 3	0 7	12 33	10 0	7 18	7 56	4 55	17 52	5 35			
T 21	10 39	10 45	4 23	15 39	2 7	15 6	1 12	23 9	2 0	18 32	0 57	22 14	0 28	9 37	0 44	19 4	0 7	12 33	10 0	7 14	7 55	4 53	17 51	5 36			
F 22	10 17	7 25	3 45	15 4	2 7	14 42	1 13	23 14	2 0	18 34	0 57	22 14	0 28	9 36	0 44	19 4	0 7	12 32	10 1	7 11	7 54	4 51	17 51	5 37			
S 23	9 55	3 48	2 56	14 27	2 7	14 18	1 15	23 18	2 0	18 35	0 57	22 13	0 28	9 34	0 44	19 4	0 7	12 32	10 1	7 9	7 52	4 50	17 50	5 37			
S 24	9 33	0 3	2 1	13 49	2 5	13 54	1 16	23 23	2 0	18 37	0 57	22 12	0 28	9 33	0 44	19 5	0 7	12 32	10 1	7 7	7 51	4 48	17 50	5 38			
M25	9 11	3n43	0 59	13 10	2 4	13 29	1 17	23 28	1 59	18 39	0 57	22 12	0 28	9 32	0 44	19 5	0 7	12 32	10 1	7 6	7 50	4 46	17 49	5 38			
T 26	8 49	7 21	0s 5	12 29	2 2	13 4	1 18	23 32	1 59	18 41	0 57	22 11	0 28	9 31	0 44	19 5	0 7	12 32	10 1	7 5	7 49	4 44	17 48	5 39			
W27	8 26	10 44	1 10	11 47	2 0	12 39	1 19	23 37	1 59	18 42	0 57	22 11	0 28	9 29	0 44	19 6	0 7	12 32	10 2	7 6	7 48	4 42	17 48	5 40			
T 28	8s 4	13n42	2s13	11s 3	1s57	12s13	1s20	23n41	1n58	18n44	0n57	22s10	0n28	9s28	0s44	19n 6	0s 7	12s31	10n 2	7s 6	7s46	4s40	17s47	5n40			

Julian Day Number = 2361726.5, Delta T = 17.19 sec

ASTRODIENST EPHEMERIS for the year 1754
geocentric

MARCH 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 34 47	10♌22'54	25♋35	8♌ 4	2♌42	8♌54	9°R42	15♌ 2	7♌30	4°R14	13♌50	18♌ 7	19♌48	10♌26	28♌20	F 1
S 2	10 38 43	11°23'00	8♌21	9°57	3°57	9°23	9♌36	15° 7	7°33	4♌13	13°50	18°R 8	19°45	10°32	28°23	S 2
S 3	10 42 40	12°23'03	21°30	11°51	5°12	9°53	9°30	15°11	7°37	4°12	13°51	18° 8	19°42	10°39	28°26	S 3
M 4	10 46 36	13°23'05	5♌ 6	13°46	6°27	10°22	9°25	15°16	7°40	4°10	13°51	18° 6	19°39	10°46	28°29	M 4
T 5	10 50 33	14°23'04	19°11	15°41	7°42	10°52	9°19	15°21	7°44	4° 9	13°52	18° 2	19°36	10°52	28°33	T 5
W 6	10 54 30	15°23'01	3♌43	17°37	8°57	11°22	9°14	15°26	7°47	4° 8	13°52	17°58	19°32	10°59	28°36	W 6
T 7	10 58 26	16°22'56	18°38	19°34	10°11	11°52	9° 9	15°30	7°51	4° 7	13°52	17°53	19°29	11° 6	28°38	T 7
F 8	11 2 23	17°22'49	3♌48	21°32	11°26	12°22	9° 4	15°35	7°54	4° 6	13°53	17°49	19°26	11°12	28°41	F 8
S 9	11 6 19	18°22'39	19° 5	23°30	12°41	12°53	8°59	15°39	7°57	4° 5	13°53	17°46	19°23	11°19	28°44	S 9
S 10	11 10 16	19°22'28	4♌17	25°29	13°56	13°23	8°55	15°44	8° 1	4° 3	13°53	17°44	19°20	11°26	28°47	S 10
M 11	11 14 12	20°22'15	19°15	27°27	15°10	13°54	8°50	15°48	8° 4	4° 2	13°53	17°D43	19°16	11°32	28°49	M 11
T 12	11 18 9	21°22'00	3♌51	29°26	16°25	14°24	8°46	15°52	8° 8	4° 1	13°54	17°44	19°13	11°39	28°52	T 12
W 13	11 22 5	22°21'43	18° 2	1°Y24	17°40	14°55	8°42	15°56	8°11	4° 0	13°54	17°45	19°10	11°46	28°54	W 13
T 14	11 26 2	23°21'24	1♌45	3°21	18°55	15°26	8°38	16° 0	8°14	3°59	13°54	17°47	19° 7	11°52	28°57	T 14
F 15	11 29 59	24°21'04	15° 2	5°18	20° 9	15°57	8°34	16° 4	8°18	3°58	13°54	17°48	19° 4	11°59	28°59	F 15
S 16	11 33 55	25°20'42	27°55	7°13	21°24	16°28	8°30	16° 8	8°21	3°57	13°54	17°R48	19° 1	12° 6	29° 1	S 16
S 17	11 37 52	26°20'19	10♌28	9° 7	22°39	17° 0	8°27	16°12	8°24	3°57	13°R54	17°47	18°57	12°13	29° 3	S 17
M 18	11 41 48	27°19'53	22°45	10°58	23°53	17°31	8°24	16°16	8°28	3°56	13°54	17°45	18°54	12°19	29° 5	M 18
T 19	11 45 45	28°19'26	4♌50	12°47	25° 8	18° 3	8°21	16°19	8°31	3°55	13°54	17°43	18°51	12°26	29° 7	T 19
W 20	11 49 41	29°18'57	16°46	14°33	26°23	18°34	8°18	16°23	8°34	3°54	13°54	17°40	18°48	12°33	29° 9	W 20
T 21	11 53 38	0°Y18'26	28°37	16°15	27°37	19° 6	8°15	16°26	8°37	3°53	13°54	17°37	18°45	12°39	29°10	T 21
F 22	11 57 34	1°17'53	10♌26	17°54	28°52	19°38	8°12	16°30	8°41	3°52	13°53	17°34	18°42	12°46	29°12	F 22
S 23	12 1 31	2°17'18	22°15	19°28	0°Y 6	20°10	8°10	16°33	8°44	3°52	13°53	17°32	18°38	12°53	29°13	S 23
S 24	12 5 28	3°16'42	4°Y 6	20°58	1°21	20°42	8° 8	16°36	8°47	3°51	13°53	17°31	18°35	12°59	29°15	S 24
M 25	12 9 24	4°16'03	16° 1	22°22	2°36	21°14	8° 6	16°40	8°50	3°50	13°53	17°D31	18°32	13° 6	29°16	M 25
T 26	12 13 21	5°15'22	28° 3	23°42	3°50	21°46	8° 4	16°43	8°54	3°50	13°52	17°31	18°29	13°13	29°17	T 26
W 27	12 17 17	6°14'38	10♌13	24°55	5° 5	22°18	8° 3	16°46	8°57	3°49	13°52	17°32	18°26	13°19	29°19	W 27
T 28	12 21 14	7°13'53	22°34	26° 2	6°19	22°51	8° 1	16°49	9° 0	3°48	13°52	17°33	18°22	13°26	29°20	T 28
F 29	12 25 10	8°13'06	5♌ 9	27° 4	7°34	23°23	8° 0	16°51	9° 3	3°48	13°51	17°34	18°19	13°33	29°21	F 29
S 30	12 29 7	9°12'16	18° 0	27°58	8°48	23°56	7°59	16°54	9° 6	3°47	13°51	17°34	18°16	13°39	29°21	S 30
S 31	12 33 3	10°Y11'24	1♌ 9	28°Y47	10°Y 3	24♌28	7♌58	16♌57	9♌ 9	3♌47	13♌51	17♌35	18♌13	13♌46	29♌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
F 1	7s41	16n 6	3s10	10s18	1s53	11s47	1s21	23n45	1n58	18n46	0n57	22s10	0n28	9s27	0s44	19n 6	0s 7	12s31	10n 2	7s 7	7s45	4s38	17s47	5n41			
S 2	7 18	17 46	4 0	9 32	1 49	11 20	1 22	23 50	1 58	18 47	0 57	22 9	0 28	9 26	0 44	19 7	0 7	12 31	10 2	7 7	7 44	4 36	17 46	5 41			
S 3	6 55	18 33	4 40	8 44	1 44	10 53	1 22	23 54	1 58	18 49	0 57	22 9	0 28	9 24	0 44	19 7	0 7	12 31	10 3	7 7	7 43	4 35	17 46	5 42			
M 4	6 32	18 18	5 5	7 55	1 39	10 26	1 23	23 58	1 57	18 50	0 57	22 8	0 28	9 23	0 44	19 7	0 7	12 31	10 3	7 6	7 42	4 33	17 45	5 43			
T 5	6 9	16 56	5 12	7 5	1 34	9 59	1 24	24 2	1 57	18 52	0 57	22 8	0 27	9 22	0 44	19 8	0 7	12 30	10 3	7 5	7 40	4 31	17 44	5 43			
W 6	5 46	14 28	5 1	6 14	1 27	9 32	1 24	24 6	1 57	18 53	0 57	22 7	0 27	9 20	0 44	19 8	0 7	12 30	10 3	7 3	7 39	4 29	17 44	5 44			
T 7	5 23	11 0	4 29	5 22	1 21	9 4	1 25	24 10	1 57	18 55	0 57	22 7	0 27	9 19	0 44	19 8	0 7	12 30	10 4	7 2	7 38	4 27	17 43	5 44			
F 8	5 0	6 44	3 38	4 29	1 13	8 36	1 25	24 14	1 56	18 56	0 57	22 6	0 27	9 18	0 44	19 9	0 7	12 30	10 4	7 0	7 37	4 25	17 43	5 45			
S 9	4 36	2 1	2 31	3 35	1 5	8 7	1 25	24 17	1 56	18 57	0 57	22 6	0 27	9 17	0 44	19 9	0 7	12 30	10 4	6 59	7 36	4 23	17 42	5 46			
S 10	4 13	2s49	1 13	2 40	0 57	7 39	1 26	24 21	1 56	18 58	0 57	22 5	0 27	9 15	0 44	19 9	0 7	12 29	10 4	6 58	7 34	4 21	17 41	5 46			
M11	3 49	7 25	0n 8	1 45	0 48	7 10	1 26	24 24	1 55	18 59	0 57	22 5	0 27	9 14	0 44	19 9	0 7	12 29	10 5	6 58	7 33	4 20	17 41	5 47			
T 12	3 26	11 27	1 28	0 49	0 38	6 41	1 26	24 28	1 55	19 1	0 57	22 4	0 27	9 13	0 44	19 10	0 7	12 29	10 5	6 58	7 32	4 18	17 40	5 48			
W13	3 2	14 40	2 39	0n 8	0 28	6 12	1 26	24 31	1 55	19 2	0 57	22 4	0 27	9 12	0 44	19 10	0 7	12 29	10 5	6 58	7 31	4 16	17 40	5 48			
T 14	2 38	16 57	3 39	1 4	0 17	5 43	1 26	24 34	1 54	19 3	0 57	22 4	0 27	9 10	0 44	19 10	0 7	12 28	10 5	6 59	7 30	4 14	17 39	5 49			
F 15	2 15	18 14	4 25	2 1	0 6	5 14	1 26	24 37	1 54	19 4	0 57	22 3	0 27	9 9	0 44	19 10	0 7	12 28	10 6	6 59	7 28	4 12	17 38	5 50			
S 16	1 51	18 31	4 57	2 57	0n 5	4 44	1 26	24 40	1 54	19 4	0 57	22 3	0 27	9 8	0 44	19 11	0 7	12 28	10 6	7 0	7 27	4 10	17 38	5 50			
S 17	1 27	17 51	5 13	3 53	0 17	4 14	1 26	24 43	1 53	19 5	0 57	22 2	0 27	9 7	0 44	19 11	0 7	12 28	10 6	6 59	7 26	4 8	17 37	5 51			
M18	1 4	16 23	5 14	4 47	0 29	3 45	1 26	24 46	1 53	19 6	0 57	22 2	0 27	9 5	0 44	19 11	0 7	12 28	10 6	6 59	7 25	4 6	17 36	5 52			
T 19	0 40	14 12	5 1	5 41	0 41	3 15	1 25	24 48	1 53	19 7	0 57	22 1	0 27	9 4	0 44	19 11	0 7	12 27	10 7	6 58	7 24	4 5	17 36	5 52			
W20	0 16	11 27	4 36	6 34	0 54	2 45	1 25	24 51	1 53	19 8	0 57	22 1	0 27	9 3	0 44	19 11	0 7	12 27	10 7	6 57	7 22	4 3	17 35	5 53			
T 21	0n 7	8 14	3 58	7 25	1 6	2 15	1 25	24 53	1 52	19 8	0 57	22 1	0 27	9 2	0 44	19 12	0 7	12 27	10 7	6 55	7 21	4 1	17 34	5 54			
F 22	0 31	4 43	3 11	8 14	1 18	1 44	1 24	24 55	1 52	19 9	0 57	22 0	0 27	9 0	0 44	19 12	0 7	12 27	10 7	6 54	7 20	3 59	17 34	5 54			
S 23	0 55	1 0	2 15	9 1	1 31	1 14	1 24	24 57	1 52	19 9	0 57	22 0	0 27	8 59	0 44	19 12	0 7	12 26	10 8	6 54	7 19	3 57	17 33	5 55			
S 24	1 18	2n45	1 14	9 46	1 42	0 44	1 23	24 59	1 51	19 10	0 56	21 59	0 27	8 58	0 44	19 12	0 7	12 26	10 8	6 53	7 18	3 55	17 32	5 56			
M25	1 42	6 26	0 8	10 29	1 54	0 14	1 23	25 1	1 51	19 10	0 56	21 59	0 27	8 57	0 44	19 12	0 7	12 26	10 8	6 53	7 16	3 53	17 32	5 56			
T 26	2 5	9 53	0s58	11 9	2 5	0n17	1 22	25 3	1 51	19 11	0 56	21 59	0 27	8 56	0 44	19 13	0 7	12 26	10 8	6 53	7 15	3 51	17 31	5 57			
W27	2 29	12 58	2 3	11 46	2 16	0 47	1 21	25 5	1 50	19 11	0 56	21 58	0 27	8 55	0 44	19 13	0 7	12 25	10 8	6 53	7 14	3 50	17 30	5 58			
T 28	2 52	15 30	3 3	12 20	2 26	1 17	1 20	25 6	1 50	19 11	0 56	21 58	0 27	8 53	0 44	19 13	0 7	12 25	10 9	6 54	7 13	3 48	17 30	5 58			
F 29	3 16	17 20	3 55	12 51	2 35	1 47	1 19	25 8	1 49	19 12	0 56	21 58	0 27	8 52	0 44	19 13	0 7	12 25	10 9	6 54	7 11	3 46	17 29	5 59			
S 30	3 39	18 20	4 36	13 18	2 43	2 18	1 18	25 9	1 49	19 12	0 56	21 57	0 27	8 51	0 44	19 13	0 7	12 24	10 9	6 54	7 10	3 44	17 28	6 0			
S 31	4n 2	18n23	5s 5	13n42	2n51	2n48	1s17	25n10	1n49	19n12	0n56	21s57	0n27	8s50	0s44	19n13	0s 7	12s24	10n 9	6s55	7s 9	3s42	17s28	6n 0			

ASTRODIENST EPHEMERIS for the year 1754

geocentric

APRIL 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 0	11°10'29	14°40	29°28	11°17	25°11	7°R58	16°359	9°12	3°R46	13°R50	17°R35	18°10	13°53	29°23	M 1
T 2	12 40 56	12° 9'32	28°34	0°8 2	12°31	25°34	7°D57	17° 2	9°15	3°D46	13°R50	17°R35	18° 7	13°59	29°23	T 2
W 3	12 44 53	13° 8'33	12°20	0°30	13°46	26° 7	7°57	17° 4	9°18	3°46	13°49	17°34	18° 3	14° 6	29°24	W 3
T 4	12 48 50	14° 7'32	27°26	0°51	15° 0	26°40	7°D57	17° 6	9°21	3°45	13°48	17°34	18° 0	14°13	29°24	T 4
F 5	12 52 46	15° 6'28	12°18	1° 5	16°15	27°13	7°57	17° 8	9°24	3°45	13°48	17°34	17°57	14°19	29°25	F 5
S 6	12 56 43	16° 5'21	27°18	1°12	17°29	27°46	7°58	17°10	9°27	3°45	13°47	17°33	17°54	14°26	29°25	S 6
S 7	13 0 39	17° 4'13	12°20	1°R12	18°43	28°19	7°58	17°12	9°30	3°44	13°47	17°33	17°51	14°33	29°25	S 7
M 8	13 4 36	18° 3'03	27°14	1° 6	19°58	28°52	7°59	17°14	9°33	3°44	13°46	17°33	17°47	14°39	29°R25	M 8
T 9	13 8 32	19° 1'51	11°53	0°54	21°12	29°25	8° 0	17°16	9°36	3°44	13°45	17°33	17°44	14°46	29°25	T 9
W10	13 12 29	20° 0'37	26°10	0°36	22°26	29°59	8° 1	17°18	9°39	3°44	13°44	17°33	17°41	14°53	29°25	W10
T 11	13 16 25	20°59'21	10°2	0°13	23°40	0°32	8° 2	17°19	9°41	3°44	13°44	17°33	17°38	14°59	29°25	T 11
F 12	13 20 22	21°58'03	23°27	29°45	24°55	1° 6	8° 3	17°21	9°44	3°44	13°43	17°32	17°35	15° 6	29°24	F 12
S 13	13 24 19	22°56'44	6°32	29°13	26° 9	1°39	8° 5	17°22	9°47	3°44	13°42	17°32	17°32	15°13	29°24	S 13
S 14	13 28 15	23°55'23	19° 5	28°37	27°23	2°13	8° 7	17°23	9°50	3°D44	13°41	17°D32	17°28	15°19	29°23	S 14
M15	13 32 12	24°54'01	1°24	27°59	28°37	2°47	8° 9	17°25	9°52	3°44	13°40	17°32	17°25	15°26	29°23	M15
T 16	13 36 8	25°52'36	13°28	27°19	29°51	3°20	8°11	17°26	9°55	3°44	13°39	17°32	17°22	15°33	29°22	T 16
W17	13 40 5	26°51'10	25°23	26°37	1°8 6	3°54	8°13	17°27	9°57	3°44	13°38	17°33	17°19	15°39	29°21	W17
T 18	13 44 1	27°49'42	7°12	25°55	2°20	4°28	8°16	17°28	10° 0	3°44	13°37	17°34	17°16	15°46	29°21	T 18
F 19	13 47 58	28°48'13	19° 0	25°13	3°34	5° 2	8°19	17°29	10° 3	3°44	13°36	17°35	17°13	15°53	29°20	F 19
S 20	13 51 54	29°46'41	0°51	24°32	4°48	5°36	8°22	17°29	10° 5	3°44	13°35	17°36	17° 9	15°59	29°19	S 20
S 21	13 55 51	0°45'08	12°47	23°53	6° 2	6°10	8°25	17°30	10° 8	3°44	13°34	17°R36	17° 6	16° 6	29°17	S 21
M22	13 59 48	1°43'34	24°51	23°16	7°16	6°44	8°28	17°30	10°10	3°45	13°33	17°36	17° 3	16°13	29°16	M22
T 23	14 3 44	2°41'57	7°8 5	22°42	8°30	7°18	8°31	17°31	10°12	3°45	13°32	17°36	17° 0	16°19	29°15	T 23
W24	14 7 41	3°40'19	19°31	22°12	9°44	7°52	8°35	17°31	10°15	3°45	13°31	17°34	16°57	16°26	29°13	W24
T 25	14 11 37	4°38'38	2°11 9	21°46	10°58	8°27	8°39	17°31	10°17	3°45	13°30	17°32	16°53	16°33	29°12	T 25
F 26	14 15 34	5°36'56	15° 1	21°23	12°12	9° 1	8°43	17°31	10°19	3°46	13°29	17°29	16°50	16°39	29°10	F 26
S 27	14 19 30	6°35'12	28° 7	21° 5	13°26	9°35	8°47	17°R31	10°22	3°46	13°28	17°27	16°47	16°46	29° 9	S 27
S 28	14 23 27	7°33'26	11°28	20°52	14°40	10°10	8°51	17°31	10°24	3°47	13°26	17°24	16°44	16°53	29° 7	S 28
M29	14 27 23	8°31'38	25° 4	20°43	15°54	10°44	8°55	17°31	10°26	3°47	13°25	17°23	16°41	16°59	29° 5	M29
T 30	14 31 20	9°29'48	8°25	20°D40	17°8 8	11°29	9°D 0	17°31	10°28	3°D48	13°R24	17°D22	16°D38	17°8 6	29°23	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4n26	17n24	5s17	14n 3	2n57	3n18	1s16	25n11	1n48	19n12	0n56	21s57	0n27	8s49	0s44	19n13
T 2	4 49	15 23	5 12	14 21	3 2	3 48	1 15	25 12	1 48	19 12	0 56	21 57	0 27	8 48	0 44	19 13
W 3	5 12	12 23	4 47	14 34	3 7	4 18	1 14	25 12	1 48	19 12	0 56	21 56	0 27	8 47	0 44	19 14
T 4	5 35	8 33	4 4	14 44	3 10	4 48	1 13	25 13	1 47	19 12	0 56	21 56	0 26	8 45	0 44	19 14
F 5	5 57	4 7	3 4	14 51	3 11	5 18	1 11	25 13	1 47	19 12	0 56	21 56	0 26	8 44	0 44	19 14
S 6	6 20	0s37	1 50	14 54	3 11	5 47	1 10	25 14	1 47	19 12	0 56	21 56	0 26	8 43	0 44	19 14
S 7	6 43	5 20	0 29	14 53	3 10	6 17	1 9	25 14	1 46	19 12	0 56	21 55	0 26	8 42	0 44	19 14
M 8	7 5	9 40	0n54	14 48	3 8	6 47	1 7	25 14	1 46	19 11	0 55	21 55	0 26	8 41	0 44	19 14
T 9	7 28	13 20	2 11	14 40	3 3	7 16	1 6	25 14	1 46	19 11	0 55	21 55	0 26	8 40	0 44	19 14
W10	7 50	16 6	3 19	14 28	2 58	7 45	1 4	25 13	1 45	19 11	0 55	21 55	0 26	8 39	0 45	19 14
T 11	8 12	17 49	4 12	14 13	2 51	8 14	1 3	25 13	1 45	19 10	0 55	21 55	0 26	8 38	0 45	19 14
F 12	8 34	18 29	4 50	13 55	2 42	8 43	1 1	25 12	1 45	19 10	0 55	21 55	0 26	8 37	0 45	19 14
S 13	8 56	18 7	5 12	13 35	2 32	9 11	0 59	25 12	1 44	19 9	0 55	21 54	0 26	8 36	0 45	19 14
S 14	9 18	16 52	5 18	13 11	2 21	9 40	0 58	25 11	1 44	19 9	0 55	21 54	0 26	8 35	0 45	19 14
M15	9 39	14 51	5 8	12 46	2 8	10 8	0 56	25 10	1 44	19 8	0 55	21 54	0 26	8 34	0 45	19 14
T 16	10 1	12 14	4 46	12 18	1 54	10 36	0 54	25 9	1 43	19 7	0 55	21 54	0 26	8 33	0 45	19 14
W17	10 22	9 8	4 11	11 49	1 39	11 3	0 52	25 7	1 43	19 7	0 55	21 54	0 26	8 32	0 45	19 14
T 18	10 43	5 41	3 26	11 19	1 24	11 31	0 50	25 6	1 42	19 6	0 55	21 54	0 26	8 31	0 45	19 14
F 19	11 4	2 1	2 32	10 49	1 8	11 58	0 48	25 4	1 42	19 5	0 55	21 54	0 26	8 30	0 45	19 14
S 20	11 24	1n44	1 32	10 19	0 51	12 25	0 46	25 3	1 42	19 4	0 54	21 54	0 26	8 29	0 45	19 14
S 21	11 45	5 28	0 27	9 48	0 34	12 51	0 44	25 1	1 41	19 4	0 54	21 54	0 26	8 28	0 45	19 14
M22	12 5	9 1	0s40	9 19	0 17	13 17	0 42	24 59	1 41	19 3	0 54	21 54	0 26	8 27	0 45	19 14
T 23	12 25	12 14	1 46	8 51	0 0	13 43	0 40	24 56	1 41	19 2	0 54	21 54	0 26	8 27	0 45	19 14
W24	12 45	14 57	2 48	8 24	0s17	14 9	0 38	24 54	1 40	19 1	0 54	21 54	0 26	8 26	0 45	19 14
T 25	13 5	16 59	3 42	7 59	0 33	14 34	0 36	24 52	1 40	19 0	0 54	21 54	0 26	8 25	0 45	19 14
F 26	13 25	18 13	4 26	7 36	0 49	14 59	0 34	24 49	1 39	18 58	0 54	21 54	0 26	8 24	0 45	19 14
S 27	13 44	18 30	4 58	7 15	1 4	15 24	0 31	24 46	1 39	18 57	0 54	21 54	0 26	8 23	0 45	19 14
S 28	14 3	17 46	5 14	6 56	1 19	15 48	0 29	24 43	1 39	18 56	0 54	21 54	0 26	8 22	0 45	19 14
M29	14 22	16 1	5 13	6 40	1 33	16 11	0 27	24 40	1 38	18 55	0 54	21 54	0 26	8 21	0 45	19 14
T 30	14n40	13n20	4s54	6n26	1s46	16n35	0s25	24n37	1n38	18n54	0n54	21s54	0n26	8s21	0s45	19n13

Julian Day Number = 2361785.5, Delta T = 17.24 sec
 Ecliptic obliquity = 23°28'08, Nutation = 0°00'05, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°18'34, Lahiri = 20°25'34Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

MAY 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 35 17	10 ⁸ 27'56	22 ⁸ 59	20 ⁴ 41	18 ⁸ 22	11 ⁵ 53	9 ⁸ 5	17°R31	10 ⁸ 30	3 ⁸ 48	13°R23	17 ⁸ 23	16 ⁸ 34	17 ⁸ 13	29°R 1	W 1
T 2	14 39 13	11°26'01	7 ¹¹ 17	20°46	19°36	12°28	9°10	17 ⁸ 30	10°33	3°49	13 ⁸ 21	17°24	16°31	17°19	28 ⁸ 59	T 2
F 3	14 43 10	12°24'05	21°46	20°57	20°50	13° 2	9°15	17°30	10°35	3°49	13°20	17°25	16°28	17°26	28°57	F 3
S 4	14 47 6	13°22'07	6 ¹² 23	21°12	22° 4	13°37	9°20	17°29	10°37	3°50	13°19	17°26	16°25	17°33	28°55	S 4
S 5	14 51 3	14°20'07	21° 1	21°31	23°18	14°12	9°25	17°28	10°39	3°51	13°17	17°R27	16°22	17°39	28°53	S 5
M 6	14 54 59	15°18'05	5 ¹¹ 36	21°55	24°31	14°46	9°31	17°27	10°40	3°51	13°16	17°26	16°18	17°46	28°51	M 6
T 7	14 58 56	16°16'02	20° 2	22°24	25°45	15°21	9°36	17°26	10°42	3°52	13°15	17°23	16°15	17°53	28°48	T 7
W 8	15 2 52	17°13'57	4 ¹¹ 11	22°56	26°59	15°56	9°42	17°25	10°44	3°53	13°13	17°20	16°12	17°59	28°46	W 8
T 9	15 6 49	18°11'51	18° 1	23°32	28°13	16°31	9°48	17°24	10°46	3°54	13°12	17°15	16° 9	18° 6	28°43	T 9
F 10	15 10 46	19° 9'43	1 ¹² 27	24°12	29°27	17° 6	9°54	17°23	10°48	3°54	13°10	17°10	16° 6	18°13	28°41	F 10
S 11	15 14 42	20° 7'34	14°30	24°56	0 ¹¹ 40	17°41	10° 1	17°22	10°49	3°55	13° 9	17° 6	16° 3	18°19	28°38	S 11
S 12	15 18 39	21° 5'24	27°11	25°44	1°54	18°16	10° 7	17°20	10°51	3°56	13° 8	17° 2	15°59	18°26	28°35	S 12
M13	15 22 35	22° 3'12	9 ¹² 33	26°35	3° 8	18°51	10°14	17°19	10°53	3°57	13° 6	17° 0	15°56	18°32	28°32	M13
T 14	15 26 32	23° 0'59	21°39	27°29	4°21	19°26	10°20	17°17	10°54	3°58	13° 5	16°D59	15°53	18°39	28°29	T 14
W15	15 30 28	23°58'46	3 ¹³ 34	28°27	5°35	20° 1	10°27	17°15	10°56	3°59	13° 3	16°59	15°50	18°46	28°26	W15
T 16	15 34 25	24°56'30	15°24	29°28	6°49	20°36	10°34	17°14	10°57	4° 0	13° 2	17° 1	15°47	18°52	28°23	T 16
F 17	15 38 21	25°54'14	27°13	0 ¹³ 31	8° 2	21°11	10°41	17°12	10°59	4° 1	13° 0	17° 2	15°44	18°59	28°20	F 17
S 18	15 42 18	26°51'57	9 ¹⁴ 6	1°38	9°16	21°47	10°48	17°10	11° 0	4° 2	12°59	17° 4	15°40	19° 6	28°17	S 18
S 19	15 46 14	27°49'39	21° 7	2°48	10°30	22°22	10°56	17° 8	11° 1	4° 3	12°57	17°R 4	15°37	19°12	28°14	S 19
M20	15 50 11	28°47'19	3 ¹⁵ 21	4° 0	11°43	22°57	11° 3	17° 6	11° 3	4° 4	12°56	17° 2	15°34	19°19	28°11	M20
T 21	15 54 8	29°44'58	15°48	5°15	12°57	23°32	11°11	17° 4	11° 4	4° 6	12°54	16°59	15°31	19°26	28° 8	T 21
W22	15 58 4	0 ¹⁶ 42'37	28°31	6°33	14°11	24° 8	11°18	17° 1	11° 5	4° 7	12°52	16°54	15°28	19°32	28° 4	W22
T 23	16 2 1	1°40'14	11 ¹⁷ 31	7°53	15°24	24°43	11°26	16°59	11° 6	4° 8	12°51	16°47	15°24	19°39	28° 1	T 23
F 24	16 5 57	2°37'50	24°46	9°17	16°38	25°19	11°34	16°56	11° 8	4° 9	12°49	16°40	15°21	19°46	27°57	F 24
S 25	16 9 54	3°35'24	8 ¹⁸ 15	10°42	17°51	25°54	11°42	16°54	11° 9	4°10	12°48	16°32	15°18	19°52	27°54	S 25
S 26	16 13 50	4°32'58	21°56	12°10	19° 5	26°30	11°51	16°51	11°10	4°12	12°46	16°25	15°15	19°59	27°50	S 26
M27	16 17 47	5°30'30	5 ¹⁹ 47	13°41	20°18	27° 5	11°59	16°49	11°11	4°13	12°45	16°20	15°12	20° 6	27°47	M27
T 28	16 21 44	6°28'00	19°45	15°14	21°32	27°41	12° 7	16°46	11°12	4°14	12°43	16°17	15° 9	20°12	27°43	T 28
W29	16 25 40	7°25'29	3 ²⁰ 50	16°50	22°45	28°16	12°16	16°43	11°12	4°16	12°41	16°D15	15° 5	20°19	27°40	W29
T 30	16 29 37	8°22'57	17°59	18°28	23°59	28°52	12°25	16°40	11°13	4°17	12°40	16°16	15° 2	20°26	27°36	T 30
F 31	16 33 33	9 ²² 20'24	2 ²¹ 11	20 ¹⁸ 9	25 ¹¹ 12	29 ¹⁵ 28	12 ²⁸ 33	16 ³³ 37	11 ¹⁴ 14	4 ¹⁹ 19	12 ³⁸ 38	16 ¹⁷ 17	14 ⁵⁹ 59	20 ³² 32	27 ³² 32	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14n59	9n50	4s17	6n15	1s59	16n58	0s22	24n33	1n38	18n52	0n54	21s54	0n25	8s20	0s45	19n13	0s 6	12s16	10n14	6s50	6s31	2s44	17s 8	6n20					
T 2	15 17	5 42	3 23	6 7	2 10	17 20	0 20	24 30	1 37	18 51	0 54	21 54	0 25	8 19	0 45	19 13	0 6	12 16	10 15	6 50	6 30	2 42	17 7	6 21					
F 3	15 35	1 10	2 17	6 1	2 21	17 42	0 18	24 26	1 37	18 49	0 53	21 54	0 25	8 18	0 45	19 13	0 6	12 16	10 15	6 51	6 29	2 40	17 7	6 21					
S 4	15 52	3s28	1 1	5 57	2 30	18 4	0 15	24 22	1 36	18 48	0 53	21 54	0 25	8 18	0 45	19 13	0 6	12 15	10 15	6 51	6 28	2 38	17 6	6 22					
S 5	16 10	7 55	0n20	5 57	2 39	18 25	0 13	24 18	1 36	18 46	0 53	21 54	0 25	8 17	0 45	19 13	0 6	12 15	10 15	6 51	6 26	2 36	17 5	6 22					
M 6	16 27	11 52	1 38	5 58	2 47	18 45	0 10	24 14	1 36	18 45	0 53	21 55	0 25	8 16	0 45	19 13	0 6	12 15	10 15	6 51	6 25	2 34	17 5	6 23					
T 7	16 43	15 3	2 49	6 2	2 54	19 5	0 8	24 10	1 35	18 43	0 53	21 55	0 25	8 16	0 45	19 13	0 6	12 15	10 15	6 50	6 24	2 33	17 4	6 24					
W 8	17 0	17 16	3 49	6 8	3 0	19 25	0 6	24 5	1 35	18 42	0 53	21 55	0 25	8 15	0 45	19 12	0 6	12 14	10 15	6 49	6 23	2 31	17 4	6 24					
T 9	17 16	18 24	4 33	6 17	3 5	19 44	0 3	24 1	1 35	18 40	0 53	21 55	0 25	8 14	0 45	19 12	0 6	12 14	10 15	6 47	6 22	2 29	17 3	6 25					
F 10	17 32	18 27	5 1	6 27	3 10	20 3	0 1	23 56	1 34	18 38	0 53	21 55	0 25	8 14	0 45	19 12	0 6	12 14	10 15	6 45	6 20	2 27	17 3	6 25					
S 11	17 48	17 30	5 12	6 40	3 13	20 21	0n 2	23 51	1 34	18 37	0 53	21 56	0 25	8 13	0 45	19 12	0 6	12 14	10 15	6 43	6 19	2 25	17 2	6 26					
S 12	18 3	15 43	5 8	6 55	3 16	20 38	0 4	23 46	1 33	18 35	0 53	21 56	0 25	8 12	0 45	19 12	0 6	12 13	10 15	6 42	6 18	2 23	17 2	6 26					
M13	18 18	13 14	4 49	7 11	3 18	20 55	0 7	23 41	1 33	18 33	0 53	21 56	0 25	8 12	0 46	19 11	0 6	12 13	10 15	6 41	6 17	2 21	17 1	6 27					
T 14	18 33	10 15	4 17	7 29	3 19	21 11	0 9	23 35	1 33	18 31	0 53	21 56	0 25	8 11	0 46	19 11	0 6	12 13	10 15	6 41	6 15	2 19	17 1	6 27					
W15	18 47	6 52	3 35	7 49	3 20	21 27	0 11	23 30	1 32	18 29	0 53	21 57	0 25	8 11	0 46	19 11	0 6	12 13	10 15	6 41	6 14	2 17	17 0	6 28					
T 16	19 2	3 14	2 44	8 11	3 20	21 42	0 14	23 24	1 32	18 27	0 53	21 57	0 25	8 10	0 46	19 11	0 6	12 13	10 15	6 41	6 13	2 16	16 59	6 28					
F 17	19 15	0n31	1 46	8 34	3 19	21 57	0 16	23 18	1 31	18 25	0 52	21 57	0 25	8 10	0 46	19 11	0 6	12 12	10 15	6 42	6 12	2 14	16 59	6 29					
S 18	19 29	4 16	0 43	8 59	3 17	22 11	0 19	23 12	1 31	18 23	0 52	21 57	0 25	8 9	0 46	19 10	0 6	12 12	10 15	6 43	6 11	2 12	16 59	6 29					
S 19	19 42	7 55	0s22	9 24	3 15	22 24	0 21	23 6	1 31	18 21	0 52	21 58	0 25	8 9	0 46	19 10	0 6	12 12	10 15	6 43	6 9	2 10	16 58	6 29					
M20	19 55	11 16	1 27	9 52	3 12	22 37	0 24	23 0	1 30	18 19	0 52	21 58	0 25	8 8	0 46	19 10	0 6	12 12	10 15	6 42	6 8	2 8	16 58	6 30					
T 21	20 7	14 12	2 30	10 20	3 8	22 49	0 26	22 53	1 30	18 17	0 52	21 58	0 25	8 8	0 46	19 10	0 6	12 12	10 15	6 41	6 7	2 6	16 57	6 30					
W22	20 19	16 31	3 26	10 49	3 4	23 0	0 28	22 47	1 29	18 15	0 52	21 59	0 25	8 7	0 46	19 9	0 6	12 12	10 15	6 39	6 6	2 4	16 57	6 31					
T 23	20 31	18 2	4 12	11 20	2 59	23 11	0 31	22 40	1 29	18 12	0 52	21 59	0 24	8 7	0 46	19 9	0 6	12 11	10 15	6 36	6 4	2 2	16 56	6 31					
F 24	20 43	18 36	4 46	11 51	2 54	23 21	0 33	22 33	1 29	18 10	0 52	21 59	0 24	8 7	0 46	19 9	0 6	12 11	10 15	6 33	6 3	2 1	16 56	6 32					
S 25	20 54	18 9	5 5	12 24	2 48	23 30	0 36	22 26	1 28	18 8	0 52	22 0	0 24	8 6	0 46	19 8	0 6	12 11	10 15	6 30	6 2	1 59	16 55	6 32					
S 26	21 5	16 38	5 6	12 57	2 41	23 39	0 38	22 19	1 28	18 5	0 52	22 0	0 24	8 6	0 46	19 8	0 6	12 11	10 15	6 28	6 1	1 57	16 55	6 32					
M27	21 15	14 9	4 51	13 31	2 34	23 47	0 40	22 12	1 28	18 3	0 52	22 1	0 24	8 6	0 46	19 8	0 6	12 11	10 15	6 26	6 0	1 55	16 54	6 33					
T 28	21 25	10 50	4 17	14 5	2 27	23 54	0 43	22 4	1 27	18 1	0 52	22 1	0 24	8 5	0 46	19 8	0 6	12 11	10 15	6 25	5 58	1 53	16 54	6 33					
W29	21 35	6 53	3 28	14 40	2 19	24 1	0 45	21 57	1 27	17 58	0 52	22 1	0 24	8 5	0 46	19 7	0 6	12 11	10 15	6 24	5 57	1 51	16 54	6 33					
T 30	21 44	2 31	2 26	15 16	2 10	24 7	0 47	21 49	1 26	17 56	0 52	22 2	0 24	8 5	0 46	19 7	0 6	12 10	10 15	6 24	5 56	1 49	16 53	6 34					
F 31	21n53	2s 1	1s15	15n51	2s 1	24n12	0n49	21n41	1n26	17n53	0n52	22s 2	0n24	8s 4	0s46	19n 7	0s 6	12s10	10n15	6s24	5s55	1s47	16s53	6n34					

ASTRODIENST EPHEMERIS for the year 1754

geocentric

JUNE 1754

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	16 37 30	10 ^{II} 1749	16 [♊] 25	21 [♋] 52	26 ^{II} 25	0 [♌] 3	12 [♍] 42	16 [♎] R34	11 [♏] 15	4 [♐] 20	12 [♑] R36	16 [♒] R17	14 [♓] 56	20 [♈] 39	27 [♉] R28	S 1
S 2	16 41 26	11°15'13	0 [♋] 38	23°38	27°39	0°39	12°51	16 [♌] 31	11°15	4°21	12 [♍] 35	16 [♎] 16	14°53	20°46	27 [♏] 25	S 2
M 3	16 45 23	12°12'36	14°47	25°26	28°52	1°15	13° 0	16°28	11°16	4°23	12°33	16°13	14°50	20°52	27°21	M 3
T 4	16 49 19	13° 9'58	28°49	27°17	0 [♌] 6	1°51	13°10	16°24	11°17	4°24	12°32	16° 8	14°46	20°59	27°17	T 4
W 5	16 53 16	14° 7'20	12 [♍] 40	29°10	1°19	2°27	13°19	16°21	11°17	4°26	12°30	16° 0	14°43	21° 6	27°13	W 5
T 6	16 57 13	15° 4'40	26°15	1 ^{II} 5	2°32	3° 2	13°28	16°18	11°18	4°28	12°28	15°51	14°40	21°12	27° 9	T 6
F 7	17 1 9	16° 2'00	9 [♌] 32	3° 2	3°46	3°38	13°38	16°14	11°18	4°29	12°27	15°41	14°37	21°19	27° 5	F 7
S 8	17 5 6	16°59'19	22°30	5° 2	4°59	4°14	13°47	16°11	11°19	4°31	12°25	15°31	14°34	21°26	27° 1	S 8
S 9	17 9 2	17°56'37	5 [♎] 8	7° 4	6°12	4°50	13°57	16° 7	11°19	4°32	12°24	15°23	14°30	21°32	26°58	S 9
M10	17 12 59	18°53'55	17°29	9° 8	7°25	5°26	14° 7	16° 4	11°19	4°34	12°22	15°16	14°27	21°39	26°54	M10
T 11	17 16 55	19°51'13	29°35	11°13	8°39	6° 2	14°17	16° 0	11°20	4°36	12°20	15°12	14°24	21°46	26°50	T 11
W12	17 20 52	20°48'30	11 [♏] 30	13°20	9°52	6°38	14°27	15°56	11°20	4°37	12°19	15°10	14°21	21°52	26°46	W12
T 13	17 24 48	21°45'46	23°20	15°29	11° 5	7°14	14°37	15°52	11°20	4°39	12°17	15°D10	14°18	21°59	26°42	T 13
F 14	17 28 45	22°43'03	5 [♐] 10	17°38	12°18	7°51	14°47	15°48	11°20	4°41	12°16	15°10	14°15	22° 6	26°38	F 14
S 15	17 32 42	23°40'19	17° 4	19°49	13°31	8°27	14°57	15°45	11°20	4°43	12°14	15°R10	14°11	22°12	26°34	S 15
S 16	17 36 38	24°37'35	29° 9	22° 0	14°45	9° 3	15° 8	15°41	11°R20	4°44	12°13	15° 9	14° 8	22°19	26°30	S 16
M17	17 40 35	25°34'51	11 [♏] 29	24°12	15°58	9°39	15°18	15°37	11°20	4°46	12°11	15° 6	14° 5	22°26	26°25	M17
T 18	17 44 31	26°32'06	24° 6	26°23	17°11	10°15	15°29	15°33	11°20	4°48	12° 9	15° 1	14° 2	22°32	26°21	T 18
W19	17 48 28	27°29'21	7 ^{II} 4	28°35	18°24	10°52	15°39	15°29	11°20	4°50	12° 8	14°53	13°59	22°39	26°17	W19
T 20	17 52 24	28°26'36	20°23	0 [♌] 46	19°37	11°28	15°50	15°24	11°20	4°52	12° 6	14°43	13°56	22°46	26°13	T 20
F 21	17 56 21	29°23'51	4 [♌] 2	2°56	20°50	12° 4	16° 1	15°20	11°20	4°54	12° 5	14°32	13°52	22°52	26° 9	F 21
S 22	18 0 17	0 [♌] 21'05	17°56	5° 5	22° 3	12°41	16°11	15°16	11°19	4°55	12° 3	14°21	13°49	22°59	26° 5	S 22
S 23	18 4 14	1°18'19	2 [♌] 3	7°14	23°16	13°17	16°22	15°12	11°19	4°57	12° 2	14°11	13°46	23° 5	26° 1	S 23
M24	18 8 11	2°15'33	16°17	9°21	24°29	13°53	16°33	15° 8	11°19	4°59	12° 0	14° 2	13°43	23°12	25°57	M24
T 25	18 12 7	3°12'46	0 [♋] 33	11°26	25°42	14°30	16°44	15° 3	11°18	5° 1	11°59	13°57	13°40	23°19	25°53	T 25
W26	18 16 4	4° 9'59	14°48	13°30	26°55	15° 6	16°55	14°59	11°18	5° 3	11°57	13°54	13°36	23°25	25°49	W26
T 27	18 20 0	5° 7'11	29° 0	15°32	28° 8	15°43	17° 7	14°55	11°17	5° 5	11°56	13°53	13°33	23°32	25°46	T 27
F 28	18 23 57	6° 4'22	13 [♊] 6	17°32	29°21	16°19	17°18	14°50	11°17	5° 7	11°55	13°53	13°30	23°39	25°42	F 28
S 29	18 27 53	7° 1'34	27° 6	19°31	0 [♌] 34	16°56	17°29	14°46	11°16	5° 9	11°53	13°52	13°27	23°45	25°38	S 29
S 30	18 31 50	7 [♌] 58'45	10 [♋] 59	21 [♌] 27	1 [♌] 47	17 [♌] 33	17 [♌] 41	14 [♌] 42	11 [♏] 15	5 [♌] 11	11 [♏] 52	13 [♊] 50	13 [♊] 24	23 [♏] 52	25 [♏] 34	S 30

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	
S 1	22n 1	6s27 0n 1	16n27 1s52	24n17 0n51	21n33 1n26	17n50 0n52	22s 3 0n24	8s 4 0s46	19n 6 0s 6	12s10 10n15	6s25 5s53	1s46 16s52	6n34		
S 2	22 9 10 31	1 16 17 3	1 42 24 20	0 54 21 25	1 25 17 48	0 52 22 3	0 24 8 4	0 46 19 6	0 6 12 10	10 15 6 24	5 52 1 44	16 52 6 35			
M 3	22 17 13 57	2 27 17 39	1 32 24 24	0 56 21 17	1 25 17 45	0 51 22 3	0 24 8 4	0 46 19 6	0 6 12 10	10 15 6 23	5 51 1 42	16 52 6 35			
T 4	22 24 16 33	3 28 18 15	1 22 24 26	0 58 21 9	1 24 17 43	0 51 22 4	0 24 8 3	0 46 19 5	0 6 12 10	10 15 6 21	5 50 1 40	16 51 6 35			
W 5	22 31 18 8	4 15 18 50	1 12 24 28	1 0 21 0	1 24 17 40	0 51 22 4	0 24 8 3	0 46 19 5	0 6 12 10	10 14 6 18	5 48 1 38	16 51 6 35			
T 6	22 38 18 38	4 47 19 25	1 1 24 28	1 2 20 51	1 24 17 37	0 51 22 5	0 24 8 3	0 46 19 5	0 6 12 10	10 14 6 15	5 47 1 36	16 51 6 36			
F 7	22 44 18 6	5 3 19 59	0 50 24 29	1 4 20 43	1 23 17 34	0 51 22 5	0 24 8 3	0 46 19 4	0 6 12 10	10 14 6 11	5 46 1 34	16 50 6 36			
S 8	22 50 16 37	5 2 20 32	0 39 24 28	1 6 20 34	1 23 17 31	0 51 22 6	0 24 8 3	0 47 19 4	0 6 12 10	10 14 6 7	5 45 1 32	16 50 6 36			
S 9	22 55 14 22	4 47 21 4	0 28 24 27	1 8 20 25	1 22 17 29	0 51 22 6	0 23 8 3	0 47 19 3	0 6 12 9	10 14 6 4	5 44 1 31	16 50 6 36			
M10	23 0 11 31	4 18 21 34	0 17 24 25	1 10 20 15	1 22 17 26	0 51 22 7	0 23 8 3	0 47 19 3	0 6 12 9	10 14 6 1	5 42 1 29	16 49 6 37			
T 11	23 5 8 13	3 38 22 3	0 6 24 22	1 11 20 6	1 21 17 23	0 51 22 7	0 23 8 3	0 47 19 3	0 6 12 9	10 14 6 0	5 41 1 27	16 49 6 37			
W12	23 9 4 39	2 50 22 31	0n 5 24 19	1 13 19 57	1 21 17 20	0 51 22 8	0 23 8 3	0 47 19 2	0 6 12 9	10 14 5 59	5 40 1 25	16 49 6 37			
T 13	23 13 0 54	1 54 22 56	0 16 24 15	1 15 19 47	1 21 17 17	0 51 22 8	0 23 8 3	0 47 19 2	0 6 12 9	10 13 5 59	5 39 1 23	16 49 6 37			
F 14	23 16 2n52	0 53 23 20	0 26 24 10	1 16 19 37	1 20 17 14	0 51 22 9	0 23 8 3	0 47 19 1	0 6 12 9	10 13 5 59	5 37 1 21	16 48 6 37			
S 15	23 19 6 33	0s10 23 41	0 36 24 4	1 18 19 28	1 20 17 11	0 51 22 9	0 23 8 3	0 47 19 1	0 6 12 9	10 13 5 59	5 36 1 19	16 48 6 37			
S 16	23 22 10 2	1 14 23 59	0 46 23 58	1 20 19 18	1 19 17 8	0 51 22 10	0 23 8 3	0 47 19 1	0 6 12 9	10 13 5 59	5 35 1 17	16 48 6 38			
M17	23 24 13 9	2 15 24 15	0 55 23 51	1 21 19 7	1 19 17 5	0 51 22 10	0 23 8 3	0 47 19 0	0 6 12 9	10 13 5 57	5 34 1 16	16 48 6 38			
T 18	23 25 15 44	3 11 24 29	1 4 23 44	1 23 18 57	1 19 17 1	0 51 22 11	0 23 8 3	0 47 19 0	0 6 12 9	10 13 5 55	5 32 1 14	16 47 6 38			
W19	23 27 17 35	3 59 24 39	1 12 23 35	1 24 18 47	1 18 16 58	0 51 22 12	0 23 8 3	0 47 18 59	0 6 12 9	10 12 5 52	5 31 1 12	16 47 6 38			
T 20	23 28 18 33	4 35 24 47	1 19 23 26	1 25 18 36	1 18 16 55	0 51 22 12	0 23 8 3	0 47 18 59	0 6 12 9	10 12 5 49	5 30 1 10	16 47 6 38			
F 21	23 28 18 28	4 57 24 52	1 26 23 17	1 27 18 26	1 17 16 52	0 51 22 13	0 23 8 3	0 47 18 59	0 6 12 9	10 12 5 44	5 29 1 8	16 47 6 38			
S 22	23 28 17 17	5 1 24 54	1 32 23 6	1 28 18 15	1 17 16 49	0 51 22 13	0 23 8 3	0 47 18 58	0 6 12 9	10 12 5 40	5 28 1 6	16 47 6 38			
S 23	23 28 15 4	4 47 24 53	1 37 22 55	1 29 18 4	1 16 16 45	0 51 22 14	0 22 8 3	0 47 18 58	0 6 12 9	10 12 5 36	5 26 1 4	16 46 6 38			
M24	23 27 11 54	4 16 24 50	1 42 22 44	1 30 17 54	1 16 16 42	0 51 22 14	0 22 8 4	0 47 18 57	0 6 12 9	10 11 5 33	5 25 1 3	16 46 6 38			
T 25	23 26 8 3	3 28 24 44	1 46 22 31	1 31 17 43	1 16 16 39	0 51 22 15	0 22 8 4	0 47 18 57	0 6 12 9	10 11 5 30	5 24 1 1	16 46 6 38			
W26	23 24 3 43	2 28 24 35	1 49 22 18	1 32 17 31	1 15 16 35	0 51 22 15	0 22 8 4	0 47 18 56	0 6 12 9	10 11 5 29	5 23 0 59	16 46 6 38			
T 27	23 22 0s48	1 18 24 24	1 51 22 5	1 33 17 20	1 15 16 32	0 51 22 16	0 22 8 4	0 47 18 56	0 6 12 9	10 11 5 29	5 21 0 57	16 46 6 38			
F 28	23 20 5 14	0 4 24 11	1 53 21 50	1 34 17 9	1 14 16 28	0 51 22 17	0 22 8 4	0 47 18 55	0 5 12 9	10 10 5 29	5 20 0 55	16 46 6 38			
S 29	23 17 9 22	1n 9 23 55	1 54 21 36	1 35 16 57	1 14 16 25	0 51 22 17	0 22 8 5	0 47 18 55	0 5 12 9	10 10 5 29	5 19 0 53	16 46 6 38			
S 30	23n14	12s57 2n18	23n38 1n54	21n20 1n35	16n46 1n14	16n21 0n51	22s18 0n22	8s 5 0s47	18n54 0s 5	12s 9 10n10	5s28 5s18	0s51 16s46	6n38		

Julian Day Number = 2361846.5, Delta T = 17.28 sec
 Ecliptic obliquity = 23°28'07, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°18'42, Lahiri = 20°25'42Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

JULY 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 35 46	8°55'55	24°45	23°22	3°0	18°9	17°52	14°R37	11°R15	5°L13	11°R50	13°R46	13°21	23°59	25°R30	M 1
T 2	18 39 43	9°53'06	8°22	25°15	4°13	18°46	18°3	14°33	11°14	5°15	11°49	13°39	13°17	24°5	25°26	T 2
W 3	18 43 40	10°50'17	21°48	27°5	5°25	19°23	18°15	14°28	11°13	5°17	11°48	13°29	13°14	24°12	25°22	W 3
T 4	18 47 36	11°47'27	5°3	28°54	6°38	19°59	18°27	14°24	11°12	5°19	11°46	13°18	13°11	24°19	25°19	T 4
F 5	18 51 33	12°44'38	18°3	0°40	7°51	20°36	18°38	14°20	11°11	5°21	11°45	13°5	13°8	24°25	25°15	F 5
S 6	18 55 29	13°41'48	0°47	2°25	9°4	21°13	18°50	14°15	11°11	5°24	11°44	12°53	13°5	24°32	25°11	S 6
S 7	18 59 26	14°38'59	13°17	4°8	10°16	21°50	19°2	14°11	11°10	5°26	11°42	12°41	13°2	24°39	25°8	S 7
M 8	19 3 22	15°36'11	25°32	5°48	11°29	22°27	19°14	14°6	11°9	5°28	11°41	12°32	12°58	24°45	25°4	M 8
T 9	19 7 19	16°33'22	7°34	7°27	12°42	23°3	19°26	14°2	11°8	5°30	11°40	12°26	12°55	24°52	25°0	T 9
W10	19 11 15	17°30'34	19°27	9°3	13°54	23°40	19°38	13°58	11°6	5°32	11°39	12°22	12°52	24°59	24°57	W10
T 11	19 15 12	18°27'47	1°16	10°38	15°7	24°17	19°50	13°53	11°5	5°34	11°37	12°21	12°49	25°5	24°53	T 11
F 12	19 19 9	19°25'00	13°5	12°10	16°20	24°54	20°2	13°49	11°4	5°36	11°36	12°21	12°46	25°12	24°50	F 12
S 13	19 23 5	20°22'14	25°0	13°41	17°32	25°31	20°14	13°44	11°3	5°38	11°35	12°21	12°42	25°19	24°46	S 13
S 14	19 27 2	21°19'28	7°8	15°9	18°45	26°8	20°26	13°40	11°2	5°41	11°34	12°20	12°39	25°25	24°43	S 14
M15	19 30 58	22°16'44	19°27	16°36	19°57	26°45	20°38	13°36	11°0	5°43	11°33	12°17	12°36	25°32	24°40	M15
T 16	19 34 55	23°14'00	2°11	18°0	21°10	27°22	20°50	13°31	10°59	5°45	11°32	12°12	12°33	25°38	24°37	T 16
W17	19 38 51	24°11'16	15°15	19°22	22°22	28°0	21°3	13°27	10°58	5°47	11°31	12°5	12°30	25°45	24°33	W17
T 18	19 42 48	25°8'34	28°46	20°42	23°35	28°37	21°15	13°23	10°56	5°49	11°30	11°56	12°27	25°52	24°30	T 18
F 19	19 46 44	26°5'52	12°41	22°0	24°47	29°14	21°27	13°18	10°55	5°52	11°29	11°45	12°23	25°58	24°27	F 19
S 20	19 50 41	27°3'11	26°57	23°16	26°0	29°51	21°40	13°14	10°53	5°54	11°28	11°34	12°20	26°5	24°24	S 20
S 21	19 54 38	28°0'30	11°28	24°29	27°12	0°28	21°52	13°10	10°52	5°56	11°27	11°23	12°17	26°12	24°21	S 21
M22	19 58 34	28°57'50	26°7	25°40	28°24	1°6	22°5	13°6	10°50	5°58	11°26	11°15	12°14	26°18	24°18	M22
T 23	20 2 31	29°55'10	10°47	26°48	29°37	1°43	22°17	13°2	10°49	6°0	11°25	11°10	12°11	26°25	24°15	T 23
W24	20 6 27	0°52'31	25°21	27°54	0°49	2°20	22°30	12°57	10°47	6°3	11°24	11°7	12°8	26°32	24°13	W24
T 25	20 10 24	1°49'53	9°45	28°57	2°1	2°58	22°42	12°53	10°45	6°5	11°23	11°D 6	12°4	26°38	24°10	T 25
F 26	20 14 20	2°47'15	23°56	29°58	3°13	3°35	22°55	12°49	10°44	6°7	11°22	11°6	12°1	26°45	24°7	F 26
S 27	20 18 17	3°44'37	7°53	0°56	4°25	4°13	23°8	12°45	10°42	6°9	11°21	11°R 6	11°58	26°52	24°5	S 27
S 28	20 22 13	4°42'00	21°37	1°50	5°38	4°50	23°20	12°41	10°40	6°11	11°20	11°5	11°55	26°58	24°2	S 28
M29	20 26 10	5°39'23	5°7	2°42	6°50	5°28	23°33	12°38	10°38	6°14	11°20	11°2	11°52	27°5	24°0	M29
T 30	20 30 7	6°36'48	18°24	3°30	8°2	6°5	23°46	12°34	10°36	6°16	11°19	10°56	11°48	27°12	23°57	T 30
W31	20 34 3	7°34'13	1°29	4°15	9°14	6°43	23°59	12°30	10°35	6°18	11°18	10°48	11°45	27°18	23°55	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n10	15s46	3n18	23n18	1n53	21n 4	1n36	16n34	1n13	16n18	0n51	22s18	0n22	8s 5	0s47	18n54	0s 5
T 2	23 6	17 41	4 6	22 57	1 52	20 48	1 37	16 22	1 13	16 14	0 51	22 19	0 22	8 6	0 47	18 53	0 5
W 3	23 2	18 34	4 40	22 34	1 50	20 30	1 37	16 10	1 12	16 11	0 50	22 19	0 22	8 6	0 47	18 53	0 5
T 4	22 57	18 25	4 57	22 10	1 48	20 13	1 38	15 58	1 12	16 7	0 50	22 20	0 22	8 6	0 48	18 52	0 5
F 5	22 51	17 18	4 59	21 44	1 45	19 54	1 38	15 46	1 11	16 3	0 50	22 20	0 22	8 7	0 48	18 52	0 5
S 6	22 46	15 21	4 46	21 17	1 41	19 35	1 38	15 34	1 11	16 0	0 50	22 21	0 21	8 7	0 48	18 51	0 5
S 7	22 40	12 42	4 19	20 49	1 37	19 16	1 38	15 22	1 11	15 56	0 50	22 22	0 21	8 7	0 48	18 51	0 5
M 8	22 33	9 33	3 41	20 20	1 32	18 56	1 39	15 9	1 10	15 52	0 50	22 22	0 21	8 8	0 48	18 50	0 5
T 9	22 26	6 4	2 53	19 50	1 27	18 36	1 39	14 57	1 10	15 49	0 50	22 23	0 21	8 8	0 48	18 50	0 5
W10	22 19	2 22	1 58	19 19	1 21	18 15	1 39	14 44	1 9	15 45	0 50	22 23	0 21	8 9	0 48	18 49	0 5
T 11	22 12	1n24	0 58	18 48	1 15	17 53	1 38	14 31	1 9	15 41	0 50	22 24	0 21	8 9	0 48	18 49	0 5
F 12	22 4	5 7	0s 4	18 15	1 8	17 31	1 38	14 19	1 8	15 37	0 50	22 24	0 21	8 10	0 48	18 48	0 5
S 13	21 55	8 39	1 7	17 43	1 1	17 9	1 38	14 6	1 8	15 33	0 50	22 25	0 21	8 10	0 48	18 48	0 5
S 14	21 47	11 53	2 7	17 10	0 53	16 46	1 38	13 53	1 8	15 30	0 50	22 25	0 21	8 11	0 48	18 47	0 5
M15	21 37	14 40	3 3	16 36	0 45	16 23	1 37	13 40	1 7	15 26	0 50	22 26	0 21	8 11	0 48	18 47	0 5
T 16	21 28	16 50	3 52	16 2	0 37	15 59	1 37	13 27	1 7	15 22	0 50	22 26	0 21	8 12	0 48	18 46	0 5
W17	21 18	18 11	4 30	15 29	0 28	15 35	1 36	13 13	1 6	15 18	0 50	22 27	0 20	8 12	0 48	18 46	0 5
T 18	21 8	18 34	4 54	14 55	0 19	15 11	1 36	13 0	1 6	15 14	0 50	22 27	0 20	8 13	0 48	18 45	0 5
F 19	20 57	17 51	5 2	14 21	0 10	14 46	1 35	12 46	1 5	15 10	0 50	22 28	0 20	8 13	0 48	18 45	0 5
S 20	20 46	16 2	4 51	13 47	0s 0	14 21	1 34	12 33	1 5	15 6	0 50	22 29	0 20	8 14	0 48	18 44	0 5
S 21	20 35	13 10	4 22	13 13	0 10	13 55	1 33	12 19	1 4	15 2	0 50	22 29	0 20	8 15	0 48	18 44	0 5
M22	20 23	9 27	3 35	12 39	0 21	13 29	1 32	12 6	1 4	14 58	0 50	22 30	0 20	8 15	0 48	18 43	0 5
T 23	20 12	5 10	2 34	12 6	0 31	13 3	1 31	11 52	1 4	14 54	0 50	22 30	0 20	8 16	0 48	18 43	0 5
W24	19 59	0 35	1 23	11 33	0 42	12 36	1 30	11 38	1 3	14 50	0 51	22 31	0 20	8 16	0 48	18 42	0 5
T 25	19 47	3s59	0 7	11 1	0 54	12 9	1 29	11 24	1 3	14 46	0 51	22 31	0 20	8 17	0 48	18 42	0 5
F 26	19 34	8 15	1n 8	10 29	1 5	11 42	1 28	11 10	1 2	14 41	0 51	22 32	0 20	8 18	0 48	18 41	0 5
S 27	19 20	11 59	2 18	9 58	1 16	11 15	1 27	10 56	1 2	14 37	0 51	22 32	0 19	8 18	0 48	18 40	0 5
S 28	19 7	15 0	3 18	9 28	1 28	10 47	1 25	10 42	1 1	14 33	0 51	22 32	0 19	8 19	0 48	18 40	0 5
M29	18 53	17 8	4 7	8 58	1 40	10 19	1 24	10 28	1 1	14 29	0 51	22 33	0 19	8 20	0 48	18 39	0 5
T 30	18 39	18 18	4 41	8 30	1 52	9 50	1 22	10 14	1 0	14 25	0 51	22 33	0 19	8 21	0 48	18 39	0 5
W31	18n24	18s28	5n 0	8n 2	2s 4	9n22	1n20	9n59	1n 0	14n20	0n51	22s34	0n19	8s21	0s48	18n38	0s 5

Julian Day Number = 2361876.5, Delta T = 17.31 sec
 Ecliptic obliquity = 23°28'07, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°18'46, Lahiri = 20°25'47Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754
geocentric

AUGUST 1754

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	20 38 0	8♌31'38	14♋22	4♊56	10♏26	7♏20	24♏11	12°R26	10°R33	6♏20	11°R18	10°R38	11♏42	27♏25	23°R53	T 1
F 2	20 41 56	9°29'05	27° 3	5°34	11°38	7°58	24°24	12♋22	10♏31	6°23	11♏17	10♏27	11°39	27°32	23♏50	F 2
S 3	20 45 53	10°26'32	9♏31	6° 8	12°50	8°36	24°37	12°19	10°29	6°25	11°16	10°17	11°36	27°38	23°48	S 3
S 4	20 49 49	11°24'01	21°48	6°37	14° 1	9°13	24°50	12°15	10°27	6°27	11°16	10° 7	11°33	27°45	23°46	S 4
M 5	20 53 46	12°21'30	3♏53	7° 3	15°13	9°51	25° 3	12°12	10°25	6°29	11°15	10° 0	11°29	27°51	23°44	M 5
T 6	20 57 42	13°19'01	15°50	7°23	16°25	10°29	25°16	12° 8	10°23	6°31	11°15	9°55	11°26	27°58	23°43	T 6
W 7	21 1 39	14°16'33	27°40	7°39	17°37	11° 7	25°29	12° 5	10°21	6°34	11°14	9°52	11°23	28° 5	23°41	W 7
T 8	21 5 36	15°14'06	9♏27	7°50	18°49	11°45	25°42	12° 1	10°19	6°36	11°14	9°D51	11°20	28°11	23°39	T 8
F 9	21 9 32	16°11'41	21°15	7°56	20° 0	12°22	25°55	11°58	10°16	6°38	11°13	9°51	11°17	28°18	23°37	F 9
S 10	21 13 29	17° 9'17	3♏ 9	7°R57	21°12	13° 0	26° 8	11°55	10°14	6°40	11°13	9°53	11°13	28°25	23°36	S 10
S 11	21 17 25	18° 6'55	15°13	7°52	22°23	13°38	26°21	11°52	10°12	6°42	11°12	9°R53	11°10	28°31	23°34	S 11
M12	21 21 22	19° 4'34	27°34	7°42	23°35	14°16	26°34	11°49	10°10	6°45	11°12	9°53	11° 7	28°38	23°33	M12
T 13	21 25 18	20° 2'15	10♏15	7°26	24°46	14°54	26°47	11°46	10° 8	6°47	11°12	9°51	11° 4	28°45	23°32	T 13
W14	21 29 15	20°59'57	23°21	7° 4	25°58	15°32	27° 0	11°43	10° 6	6°49	11°11	9°47	11° 1	28°51	23°30	W14
T 15	21 33 11	21°57'41	6♏55	6°37	27° 9	16°10	27°13	11°40	10° 3	6°51	11°11	9°41	10°58	28°58	23°29	T 15
F 16	21 37 8	22°55'27	20°56	6° 5	28°21	16°49	27°26	11°37	10° 1	6°53	11°11	9°34	10°54	29° 5	23°28	F 16
S 17	21 41 5	23°53'14	5♏22	5°27	29°32	17°27	27°39	11°34	9°59	6°56	11°11	9°27	10°51	29°11	23°27	S 17
S 18	21 45 1	24°51'02	20° 8	4°45	0♏43	18° 5	27°52	11°32	9°57	6°58	11°11	9°21	10°48	29°18	23°26	S 18
M19	21 48 58	25°48'52	5♏ 6	3°59	1°54	18°43	28° 5	11°29	9°54	7° 0	11°10	9°15	10°45	29°25	23°26	M19
T 20	21 52 54	26°46'44	20° 6	3° 9	3° 6	19°21	28°18	11°27	9°52	7° 2	11°10	9°12	10°42	29°31	23°25	T 20
W21	21 56 51	27°44'36	5♏ 2	2°17	4°17	20° 0	28°31	11°24	9°50	7° 4	11°10	9°D11	10°39	29°38	23°24	W21
T 22	22 0 47	28°42'30	19°44	1°23	5°28	20°38	28°44	11°22	9°47	7° 6	11°10	9°11	10°35	29°45	23°24	T 22
F 23	22 4 44	29°40'25	4♏ 9	0°29	6°39	21°16	28°57	11°20	9°45	7° 8	11°D10	9°12	10°32	29°51	23°23	F 23
S 24	22 8 40	0♏38'22	18°15	29♏34	7°50	21°55	29°10	11°18	9°43	7°10	11°10	9°13	10°29	29°58	23°23	S 24
S 25	22 12 37	1°36'20	1♏59	28°42	9° 1	22°33	29°23	11°16	9°40	7°12	11°10	9°R14	10°26	0°Y 4	23°23	S 25
M26	22 16 34	2°34'19	15°24	27°52	10°12	23°12	29°36	11°14	9°38	7°14	11°10	9°13	10°23	0°11	23°22	M26
T 27	22 20 30	3°32'20	28°30	27° 6	11°22	23°50	29°49	11°12	9°36	7°17	11°11	9°11	10°19	0°18	23°22	T 27
W28	22 24 27	4°30'21	11♋21	26°25	12°33	24°29	0♏ 2	11°10	9°33	7°19	11°11	9° 7	10°16	0°24	23°D22	W28
T 29	22 28 23	5°28'25	23°57	25°50	13°44	25° 8	0°16	11° 8	9°31	7°21	11°11	9° 2	10°13	0°31	23°22	T 29
F 30	22 32 20	6°26'29	6♏21	25°21	14°54	25°46	0°29	11° 7	9°28	7°23	11°11	8°56	10°10	0°38	23°22	F 30
S 31	22 36 16	7♏24'36	18♏34	25♏ 0	16♏ 5	26♏25	0♏42	11♋ 5	9♏26	7♏25	11♏11	8♏51	10♏ 7	0°Y44	23♏23	S 31

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	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	18n 9	17s40	5n 3	7n36	2s16	8n53	1n19	9n45	0n59	14n16	0n51	22s34	0n19	8s22	0s48	18n38	0s 5	12s15	10n 0	4s13	4s38	0n 8	16s48	6n32
F 2	17 54	16 0	4 51	7 11	2 28	8 24	1 17	9 30	0 59	14 12	0 51	22 35	0 19	8 23	0 48	18 37	0 5	12 16	9 59	4 9	4 37	0 10	16 48	6 32
S 3	17 39	13 37	4 26	6 48	2 40	7 55	1 15	9 16	0 59	14 8	0 51	22 35	0 19	8 24	0 48	18 37	0 5	12 16	9 59	4 5	4 35	0 12	16 49	6 31
S 4	17 23	10 40	3 48	6 26	2 52	7 25	1 13	9 1	0 58	14 3	0 51	22 36	0 19	8 24	0 48	18 36	0 5	12 16	9 59	4 1	4 34	0 14	16 49	6 31
M 5	17 7	7 17	3 1	6 5	3 4	6 55	1 11	8 46	0 58	13 59	0 51	22 36	0 19	8 25	0 48	18 36	0 5	12 17	9 58	3 58	4 33	0 16	16 49	6 31
T 6	16 51	3 40	2 5	5 47	3 15	6 26	1 9	8 32	0 57	13 55	0 51	22 36	0 18	8 26	0 48	18 35	0 5	12 17	9 58	3 56	4 32	0 18	16 49	6 30
W 7	16 34	0n 4	1 5	5 31	3 27	5 56	1 7	8 17	0 57	13 51	0 51	22 37	0 18	8 27	0 48	18 34	0 5	12 17	9 57	3 55	4 31	0 19	16 50	6 30
T 8	16 17	3 47	0 2	5 17	3 37	5 26	1 5	8 2	0 56	13 46	0 51	22 37	0 18	8 28	0 48	18 34	0 5	12 18	9 57	3 54	4 29	0 21	16 50	6 29
F 9	16 0	7 21	1s 1	5 5	3 48	4 55	1 2	7 47	0 56	13 42	0 51	22 38	0 18	8 28	0 48	18 33	0 5	12 18	9 57	3 55	4 28	0 23	16 50	6 29
S 10	15 43	10 40	2 2	4 55	3 58	4 25	1 0	7 32	0 55	13 37	0 51	22 38	0 18	8 29	0 49	18 33	0 5	12 18	9 56	3 55	4 27	0 25	16 51	6 29
S 11	15 25	13 34	2 59	4 49	4 7	3 54	0 58	7 17	0 55	13 33	0 51	22 38	0 18	8 30	0 49	18 32	0 5	12 19	9 56	3 55	4 26	0 27	16 51	6 28
M12	15 7	15 56	3 49	4 45	4 15	3 24	0 55	7 2	0 54	13 29	0 51	22 39	0 18	8 31	0 49	18 32	0 5	12 19	9 55	3 55	4 24	0 29	16 51	6 28
T 13	14 49	17 35	4 29	4 44	4 23	2 53	0 52	6 47	0 54	13 24	0 51	22 39	0 18	8 32	0 49	18 31	0 5	12 19	9 55	3 54	4 23	0 31	16 52	6 27
W14	14 31	18 22	4 56	4 46	4 29	2 22	0 50	6 32	0 53	13 20	0 51	22 40	0 18	8 33	0 49	18 31	0 5	12 20	9 55	3 53	4 22	0 32	16 52	6 27
T 15	14 12	18 9	5 8	4 51	4 34	1 51	0 47	6 17	0 53	13 15	0 51	22 40	0 18	8 33	0 49	18 30	0 5	12 20	9 54	3 51	4 21	0 34	16 52	6 27
F 16	13 54	16 51	5 3	4 59	4 38	1 20	0 44	6 1	0 53	13 11	0 51	22 40	0 17	8 34	0 49	18 30	0 5	12 20	9 54	3 48	4 19	0 36	16 53	6 26
S 17	13 34	14 27	4 38	5 10	4 40	0 49	0 42	5 46	0 52	13 6	0 51	22 41	0 17	8 35	0 49	18 29	0 5	12 21	9 53	3 45	4 18	0 38	16 53	6 26
S 18	13 15	11 5	3 54	5 25	4 41	0 18	0 39	5 31	0 52	13 2	0 51	22 41	0 17	8 36	0 49	18 29	0 5	12 21	9 53	3 42	4 17	0 40	16 53	6 25
M19	12 56	6 57	2 54	5 42	4 40	0s13	0 36	5 15	0 51	12 58	0 51	22 41	0 17	8 37	0 49	18 28	0 5	12 22	9 53	3 40	4 16	0 42	16 54	6 25
T 20	12 36	2 22	1 42	6 3	4 37	0 44	0 33	5 0	0 51	12 53	0 51	22 42	0 17	8 38	0 49	18 27	0 5	12 22	9 52	3 39	4 14	0 44	16 54	6 24
W21	12 16	2s21	0 23	6 26	4 33	1 15	0 30	4 44	0 50	12 49	0 52	22 42	0 17	8 39	0 49	18 27	0 5	12 22	9 52	3 39	4 13	0 45	16 55	6 24
T 22	11 56	6 51	0n57	6 51	4 26	1 46	0 26	4 29	0 50	12 44	0 52	22 42	0 17	8 40	0 49	18 26	0 5	12 23	9 51	3 39	4 12	0 47	16 55	6 24
F 23	11 36	10 51	2 12	7 18	4 17	2 17	0 23	4 13	0 49	12 40	0 52	22 42	0 17	8 40	0 49	18 26	0 5	12 23	9 51	3 39	4 11	0 49	16 56	6 23
S 24	11 16	14 8	3 17	7 47	4 7	2 48	0 20	3 57	0 49	12 35	0 52	22 43	0 17	8 41	0 49	18 25	0 5	12 24	9 50	3 40	4 9	0 51	16 56	6 23
S 25	10 55	16 31	4 9	8 16	3 55	3 19	0 17	3 42	0 48	12 31	0 52	22 43	0 16	8 42	0 49	18 25	0 5	12 24	9 50	3 40	4 8	0 53	16 56	6 22
M26	10 34	17 56	4 46	8 46	3 41	3 50	0 13	3 26	0 48	12 26	0 52	22 43	0 16	8 43	0 49	18 24	0 5	12 24	9 50	3 40	4 7	0 55	16 57	6 22
T 27	10 13	18 21	5 7	9 16	3 26	4 21	0 10	3 10	0 47	12 21	0 52	22 44	0 16	8 44	0 49	18 24	0 5	12 25	9 49	3 39	4 6	0 57	16 57	6 21
W28	9 52	17 48	5 12	9 46	3 9	4 52	0 7	2 55	0 47	12 17	0 52	22 44	0 16	8 45	0 49	18 23	0 5	12 25	9 49	3 37	4 4	0 58	16 58	6 21
T 29	9 31	16 24	5 1	10 14	2 52	5 23	0 3	2 39	0 46	12 12	0 52	22 44	0 16	8 46	0 49	18 23	0 5	12 26	9 48	3 35	4 3	1 0	16 58	6 20
F 30	9 10	14 14	4 37	10 40	2 34	5 53	0s 0	2 23	0 46	12 8	0 52	22 44	0 16	8 47	0 49	18 22	0 5	12 26	9 48	3 33	4 2	1 2	16 59	6 20
S 31	8n48	11s28	4n 1	11n 5	2s15	6s24	0s 4	2n 7	0n45	12n 3	0n52	22s45	0n16	8s48	0s49	18n22	0s 5	12s27	9n48	3s31	4s 1	1n 4	16s59	6n19

ASTRODIENST EPHEMERIS for the year 1754

geocentric

SEPTEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 13	8 ^h 22'44"	0 ^h 38'	24°R47	17 ^h 15'	27 ^h 4	0 ^h 55'	11°R 4	9°R24	7 ^h 02'27"	11 ^h 12'	8°R46	10 ^h 4	0 ^h 51'	23 ^h 23'	S 1
M 2	22 44 9	9°20'53"	12°35'	24°D42	18°26'	27°42'	1° 8'	11°3 3	9 ^h 12'	7°28'	11°12'	8 ^h 42'	10° 0'	0°58'	23°23'	M 2
T 3	22 48 6	10°19'04"	24°26'	24 ^h 04'	19°36'	28°21'	1°21'	11° 1'	9°19'	7°30'	11°12'	8°40'	9°57'	1° 4'	23°24'	T 3
W 4	22 52 2	11°17'17"	6 ^h 14'	24°59'	20°47'	29° 0'	1°34'	11° 0'	9°16'	7°32'	11°13'	8°D39	9°54'	1°11'	23°25'	W 4
T 5	22 55 59	12°15'32"	18° 1'	25°21'	21°57'	29°39'	1°46'	10°59'	9°14'	7°34'	11°13'	8°39'	9°51'	1°18'	23°25'	T 5
F 6	22 59 56	13°13'49"	29°50'	25°52'	23° 7'	0 ^h 18'	1°59'	10°58'	9°12'	7°36'	11°14'	8°40'	9°48'	1°24'	23°26'	F 6
S 7	23 3 52	14°12'08"	11 ^h 8'45"	26°31'	24°17'	0°57'	2°12'	10°57'	9° 9'	7°38'	11°14'	8°42'	9°45'	1°31'	23°27'	S 7
S 8	23 7 49	15°10'29"	23°50'	27°18'	25°27'	1°35'	2°25'	10°57'	9° 7'	7°40'	11°15'	8°44'	9°41'	1°37'	23°28'	S 8
M 9	23 11 45	16° 8'53"	6 ^h 11'10"	28°13'	26°37'	2°15'	2°38'	10°56'	9° 4'	7°42'	11°15'	8°45'	9°38'	1°44'	23°29'	M 9
T 10	23 15 42	17° 7'18"	18°48'	29°16'	27°47'	2°54'	2°51'	10°55'	9° 2'	7°44'	11°16'	8°R45	9°35'	1°51'	23°30'	T 10
W11	23 19 38	18° 5'45"	1 ^h 50'	0 ^h 25'	28°57'	3°33'	3° 4'	10°55'	9° 0'	7°45'	11°16'	8°45'	9°32'	1°57'	23°31'	W11
T 12	23 23 35	19° 4'15"	15°17'	1°41'	0 ^h 16'	4°12'	3°17'	10°55'	8°57'	7°47'	11°17'	8°43'	9°29'	2° 4'	23°32'	T 12
F 13	23 27 31	20° 2'47"	29°13'	3° 2'	1°16'	4°51'	3°29'	10°54'	8°55'	7°49'	11°18'	8°41'	9°25'	2°11'	23°34'	F 13
S 14	23 31 28	21° 1'21"	13 ^h 02'35"	4°29'	2°26'	5°30'	3°42'	10°54'	8°53'	7°51'	11°18'	8°39'	9°22'	2°17'	23°35'	S 14
S 15	23 35 25	21°59'57"	28°21'	6° 0'	3°35'	6° 9'	3°55'	10°D54	8°50'	7°52'	11°19'	8°37'	9°19'	2°24'	23°37'	S 15
M16	23 39 21	22°58'35"	13 ^h 23'	7°35'	4°44'	6°49'	4° 8'	10°54'	8°48'	7°54'	11°20'	8°35'	9°16'	2°31'	23°39'	M16
T 17	23 43 18	23°57'15"	28°34'	9°13'	5°54'	7°28'	4°20'	10°54'	8°46'	7°56'	11°21'	8°34'	9°13'	2°37'	23°40'	T 17
W18	23 47 14	24°55'57"	13 ^h 45'	10°54'	7° 3'	8° 8'	4°33'	10°55'	8°43'	7°57'	11°22'	8°D34	9°10'	2°44'	23°42'	W18
T 19	23 51 11	25°54'41"	28°44'	12°38'	8°12'	8°47'	4°46'	10°55'	8°41'	7°59'	11°23'	8°34'	9° 6'	2°51'	23°44'	T 19
F 20	23 55 7	26°53'27"	13 ^h 26'	14°23'	9°21'	9°26'	4°58'	10°55'	8°39'	8° 1'	11°23'	8°35'	9° 3'	2°57'	23°46'	F 20
S 21	23 59 4	27°52'14"	27°45'	16°10'	10°30'	10° 6'	5°11'	10°56'	8°37'	8° 2'	11°24'	8°36'	9° 0'	3° 4'	23°48'	S 21
S 22	0 3 0	28°51'04"	11 ^h 13'39"	17°57'	11°39'	10°45'	5°23'	10°56'	8°35'	8° 4'	11°25'	8°37'	8°57'	3°11'	23°50'	S 22
M23	0 6 57	29°49'55"	25° 8'	19°46'	12°48'	11°25'	5°36'	10°57'	8°32'	8° 5'	11°26'	8°R37	8°54'	3°17'	23°52'	M23
T 24	0 10 54	0 ^h 48'47"	8 ^h 13'	21°35'	13°57'	12° 5'	5°48'	10°58'	8°30'	8° 7'	11°27'	8°37'	8°50'	3°24'	23°55'	T 24
W25	0 14 50	1°47'42"	20°57'	23°24'	15° 5'	12°44'	6° 1'	10°59'	8°28'	8° 8'	11°28'	8°37'	8°47'	3°30'	23°57'	W25
T 26	0 18 47	2°46'38"	3 ^h 24'	25°13'	16°14'	13°24'	6°13'	11° 0'	8°26'	8°10'	11°30'	8°36'	8°44'	3°37'	24° 0'	T 26
F 27	0 22 43	3°45'36"	15°37'	27° 3'	17°22'	14° 4'	6°25'	11° 1'	8°24'	8°11'	11°31'	8°36'	8°41'	3°44'	24° 2'	F 27
S 28	0 26 40	4°44'36"	27°39'	28°51'	18°30'	14°44'	6°37'	11° 2'	8°22'	8°13'	11°32'	8°35'	8°38'	3°50'	24° 5'	S 28
S 29	0 30 36	5°43'37"	9 ^h 34'	0 ^h 40'	19°38'	15°23'	6°50'	11° 4'	8°20'	8°14'	11°33'	8°35'	8°35'	3°57'	24° 8'	S 29
M30	0 34 33	6 ^h 42'41"	21 ^h 12'25"	2 ^h 28'	20 ^h 46'	16 ^h 3	7 ^h 2	11°3 5	8 ^h 18'	8 ^h 15'	11°34'	8 ^h 34'	8 ^h 31'	4 ^h 4	24 ^h 10'	M30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉	♊	♋	♌	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat				
S 1	8n26	8s15	3n14	11n27	1s56	6s54	0s 8	1n51	0n45	11n59	0n52	22s45	0n16	8s49	0s49	18n21	0s 5	12s27	9n47	3s29	3s59	1n 6	17s 0	6n19		
M 2	8 4	4 43	2 18	11 47	1 37	7 24	0 11	1 36	0 44	11 54	0 52	22 45	0 16	8 49	0 49	18 21	0 5	12 28	9 47	3 27	3 58	1 8	17 0	6 19		
T 3	7 43	1 2	1 17	12 3	1 18	7 55	0 15	1 20	0 44	11 50	0 52	22 45	0 15	8 50	0 49	18 20	0 5	12 28	9 46	3 26	3 57	1 9	17 1	6 18		
W 4	7 20	2n41	0 13	12 16	0 59	8 25	0 19	1 4	0 43	11 45	0 52	22 45	0 15	8 51	0 49	18 20	0 5	12 28	9 46	3 26	3 56	1 11	17 1	6 18		
T 5	6 58	6 17	0s51	12 26	0 41	8 54	0 22	0 48	0 43	11 40	0 53	22 46	0 15	8 52	0 49	18 19	0 5	12 29	9 45	3 26	3 54	1 13	17 2	6 17		
F 6	6 36	9 39	1 54	12 32	0 24	9 24	0 26	0 32	0 42	11 36	0 53	22 46	0 15	8 53	0 49	18 19	0 5	12 29	9 45	3 27	3 53	1 15	17 2	6 17		
S 7	6 13	12 38	2 53	12 34	0 8	9 54	0 30	0 16	0 42	11 31	0 53	22 46	0 15	8 54	0 49	18 18	0 5	12 30	9 45	3 27	3 52	1 17	17 3	6 16		
S 8	5 51	15 8	3 44	12 33	0n 8	10 23	0 34	0s 0	0 41	11 27	0 53	22 46	0 15	8 55	0 49	18 18	0 5	12 30	9 44	3 28	3 51	1 19	17 3	6 16		
M 9	5 28	16 59	4 27	12 27	0 22	10 52	0 38	0 16	0 41	11 22	0 53	22 46	0 15	8 56	0 49	18 18	0 5	12 31	9 44	3 28	3 49	1 20	17 4	6 15		
T 10	5 6	18 4	4 57	12 18	0 36	11 21	0 42	0 32	0 40	11 18	0 53	22 46	0 15	8 57	0 49	18 17	0 5	12 31	9 43	3 28	3 48	1 22	17 4	6 15		
W11	4 43	18 14	5 14	12 6	0 48	11 49	0 46	0 48	0 40	11 13	0 53	22 47	0 15	8 58	0 49	18 17	0 5	12 32	9 43	3 28	3 47	1 24	17 5	6 14		
T 12	4 20	17 23	5 14	11 49	1 0	12 18	0 49	1 4	0 39	11 9	0 53	22 47	0 15	8 58	0 49	18 16	0 5	12 32	9 43	3 28	3 46	1 26	17 5	6 14		
F 13	3 57	15 31	4 56	11 29	1 10	12 46	0 53	1 20	0 39	11 4	0 53	22 47	0 14	8 59	0 49	18 16	0 5	12 33	9 42	3 27	3 44	1 28	17 6	6 13		
S 14	3 34	12 37	4 20	11 6	1 19	13 14	0 57	1 36	0 38	10 59	0 53	22 47	0 14	9 0	0 49	18 15	0 5	12 33	9 42	3 26	3 43	1 30	17 6	6 13		
S 15	3 11	8 52	3 25	10 40	1 26	13 41	1 1	1 52	0 38	10 55	0 53	22 47	0 14	9 1	0 49	18 15	0 5	12 34	9 41	3 25	3 42	1 32	17 7	6 12		
M16	2 47	4 27	2 15	10 11	1 33	14 9	1 5	2 8	0 37	10 50	0 54	22 47	0 14	9 2	0 49	18 14	0 5	12 34	9 41	3 24	3 41	1 33	17 7	6 12		
T 17	2 24	0s17	0 55	9 39	1 39	14 36	1 9	2 24	0 37	10 46	0 54	22 47	0 14	9 3	0 49	18 14	0 5	12 35	9 40	3 24	3 39	1 35	17 8	6 12		
W18	2 1	4 59	0n29	9 5	1 43	15 2	1 13	2 40	0 36	10 41	0 54	22 47	0 14	9 4	0 49	18 14	0 5	12 35	9 40	3 24	3 38	1 37	17 8	6 11		
T 19	1 38	9 20	1 50	8 28	1 47	15 29	1 17	2 56	0 36	10 37	0 54	22 47	0 14	9 4	0 49	18 13	0 5	12 36	9 40	3 24	3 37	1 39	17 9	6 11		
F 20	1 14	13 0	3 2	7 50	1 49	15 55	1 21	3 12	0 35	10 32	0 54	22 47	0 14	9 5	0 49	18 13	0 5	12 36	9 39	3 25	3 36	1 41	17 10	6 10		
S 21	0 51	15 46	4 1	7 10	1 51	16 20	1 25	3 28	0 35	10 28	0 54	22 48	0 14	9 6	0 49	18 12	0 5	12 37	9 39	3 25	3 34	1 43	17 10	6 10		
S 22	0 27	17 32	4 43	6 29	1 52	16 46	1 29	3 44	0 34	10 23	0 54	22 48	0 13	9 7	0 49	18 12	0 5	12 37	9 38	3 25	3 33	1 44	17 11	6 9		
M23	0 4	18 14	5 9	5 46	1 52	17 11	1 33	4 0	0 34	10 19	0 54	22 48	0 13	9 8	0 49	18 12	0 5	12 38	9 38	3 25	3 32	1 46	17 11	6 9		
T 24	0s19	17 56	5 18	5 3	1 51	17 35	1 37	4 16	0 33	10 14	0 54	22 48	0 13	9 9	0 49	18 11	0 5	12 38	9 38	3 25	3 31	1 48	17 12	6 8		
W25	0 43	16 43	5 10	4 18	1 50	17 59	1 41	4 32	0 33	10 10	0 55	22 48	0 13	9 9	0 49	18 11	0 5	12 39	9 37	3 25	3 29	1 50	17 12	6 8		
T 26	1 6	14 44	4 49	3 33	1 48	18 23	1 45	4 48	0 32	10 5	0 55	22 48	0 13	9 10	0 48	18 10	0 5	12 40	9 37	3 25	3 28	1 52	17 13	6 7		
F 27	1 30	12 8	4 14	2 47	1 45	18 47	1 49	5 4	0 32	10 1	0 55	22 48	0 13	9 11	0 48	18 10	0 5	12 40	9 36	3 25	3 27	1 54	17 13	6 7		
S 28	1 53	9 2	3 29	2 1	1 42	19 10	1 53	5 20	0 31	9 56	0 55	22 48	0 13	9 12	0 48	18 10	0 5	12 41	9 36	3 24	3 26	1 55	17 14	6 7		
S 29	2 17	5 36	2 34	1 15	1 39	19 32	1 57	5 36	0 31	9 52	0 55	22 48	0 13	9 12	0 48	18 9	0 5	12 41	9 36	3 24	3 24	1 57	17 14	6 6		
M30	2s40	1s58	1n34	0n28	1n35	19s54	2s 0	5s52	0n30	9n48	0n55	22s48	0n13	9s13	0s48	18n 9	0s 5	12s42	9n35	3s24	3s23	1n59	17s15	6n 6		

ASTRODIENST EPHEMERIS for the year 1754

geocentric

OCTOBER 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 29	7♂41'46	3♂13	4♂15	21♂54	16♂43	7♂14	11♂6	8♂R16	8♂L17	11♂35	8♂R34	8♂28	4♂10	24♂13	T 1
W 2	0 42 26	8°40'54	15° 1	6° 2	23° 2	17°23	7°26	11° 8	8♂14	8°18	11°37	8♂34	8°25	4°17	24°16	W 2
T 3	0 46 22	9°40'03	26°51	7°48	24° 9	18° 3	7°38	11°10	8°12	8°19	11°38	8°34	8°22	4°24	24°19	T 3
F 4	0 50 19	10°39'15	8♂46	9°33	25°17	18°43	7°50	11°12	8°10	8°21	11°39	8°34	8°19	4°30	24°22	F 4
S 5	0 54 16	11°38'29	20°47	11°18	26°24	19°23	8° 2	11°13	8° 8	8°22	11°41	8°34	8°16	4°37	24°26	S 5
S 6	0 58 12	12°37'45	2♂59	13° 2	27°31	20° 4	8°14	11°15	8° 6	8°23	11°42	8°33	8°12	4°44	24°29	S 6
M 7	1 2 9	13°37'03	15°22	14°45	28°39	20°44	8°25	11°18	8° 4	8°24	11°43	8°33	8° 9	4°50	24°32	M 7
T 8	1 6 5	14°36'24	28° 2	16°27	29°45	21°24	8°37	11°20	8° 2	8°25	11°45	8°32	8° 6	4°57	24°36	T 8
W 9	1 10 2	15°35'47	11♂1	18° 9	0♂52	22° 4	8°49	11°22	8° 1	8°26	11°46	8°D32	8° 3	5° 3	24°39	W 9
T 10	1 13 58	16°35'13	24°21	19°50	1°59	22°45	9° 0	11°24	7°59	8°27	11°48	8°32	8° 0	5°10	24°43	T 10
F 11	1 17 55	17°34'41	8♂5	21°30	3° 5	23°25	9°12	11°27	7°57	8°28	11°49	8°32	7°56	5°17	24°46	F 11
S 12	1 21 51	18°34'11	22°14	23°10	4°12	24° 5	9°23	11°29	7°56	8°29	11°51	8°33	7°53	5°23	24°50	S 12
S 13	1 25 48	19°33'43	6♂45	24°49	5°18	24°46	9°35	11°32	7°54	8°30	11°52	8°34	7°50	5°30	24°54	S 13
M14	1 29 45	20°33'17	21°37	26°27	6°24	25°26	9°46	11°35	7°52	8°31	11°54	8°35	7°47	5°37	24°58	M14
T 15	1 33 41	21°32'54	6♂42	28° 5	7°29	26° 7	9°57	11°38	7°51	8°32	11°56	8°R35	7°44	5°43	25° 1	T 15
W16	1 37 38	22°32'33	21°51	29°42	8°35	26°47	10° 9	11°40	7°49	8°33	11°57	8°35	7°41	5°50	25° 5	W16
T 17	1 41 34	23°32'14	6♂57	1♂18	9°40	27°28	10°20	11°43	7°48	8°34	11°59	8°34	7°37	5°57	25° 9	T 17
F 18	1 45 31	24°31'57	21°48	2°54	10°46	28° 9	10°31	11°47	7°46	8°35	12° 1	8°32	7°34	6° 3	25°14	F 18
S 19	1 49 27	25°31'42	6♂19	4°29	11°51	28°49	10°42	11°50	7°45	8°36	12° 2	8°30	7°31	6°10	25°18	S 19
S 20	1 53 24	26°31'28	20°24	6° 3	12°55	29°30	10°53	11°53	7°44	8°36	12° 4	8°28	7°28	6°17	25°22	S 20
M21	1 57 20	27°31'17	4♂2	7°37	14° 0	0♂11	11° 3	11°56	7°42	8°37	12° 6	8°26	7°25	6°23	25°26	M21
T 22	2 1 17	28°31'07	17°12	9°11	15° 4	0°52	11°14	12° 0	7°41	8°38	12° 8	8°24	7°21	6°30	25°31	T 22
W23	2 5 14	29°30'58	29°58	10°43	16° 8	1°33	11°25	12° 3	7°40	8°39	12° 9	8°D24	7°18	6°36	25°35	W23
T 24	2 9 10	0♂30'52	12♂23	12°16	17°12	2°14	11°35	12° 7	7°39	8°39	12°11	8°24	7°15	6°43	25°40	T 24
F 25	2 13 7	1°30'47	24°32	13°48	18°16	2°55	11°46	12°11	7°38	8°40	12°13	8°26	7°12	6°50	25°44	F 25
S 26	2 17 3	2°30'43	6♂29	15°19	19°19	3°36	11°56	12°14	7°37	8°40	12°15	8°27	7° 9	6°56	25°49	S 26
S 27	2 21 0	3°30'41	18°19	16°50	20°22	4°17	12° 6	12°18	7°36	8°41	12°17	8°29	7° 6	7° 3	25°53	S 27
M28	2 24 56	4°30'41	0♂6	18°20	21°25	4°58	12°17	12°22	7°35	8°41	12°19	8°30	7° 2	7°10	25°58	M28
T 29	2 28 53	5°30'43	11°54	19°50	22°27	5°39	12°27	12°26	7°34	8°42	12°21	8°R31	6°59	7°16	26° 3	T 29
W30	2 32 49	6°30'46	23°45	21°20	23°29	6°20	12°37	12°30	7°33	8°42	12°23	8°30	6°56	7°23	26° 8	W30
T 31	2 36 46	7♂30'52	5♂43	22♂48	24♂31	7♂2	12♂47	12♂34	7♂32	8♂L43	12♂25	8♂27	6♂53	7♂30	26♂13	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 3	1n44	0n30	0s18	1n30	20s16	2s 4	6s 8	0n30	9n43	0n55	22s48	0n13	9s14	0s48	18n 9
W 2	3 27	5 22	0s36	1 5	1 26	20 37	2 8	6 23	0 29	9 39	0 55	22 48	0 12	9 15	0 48	18 8
T 3	3 50	8 48	1 40	1 52	1 21	20 58	2 12	6 39	0 28	9 35	0 56	22 48	0 12	9 15	0 48	18 8
F 4	4 13	11 54	2 40	2 38	1 16	21 18	2 15	6 55	0 28	9 30	0 56	22 48	0 12	9 16	0 48	18 8
S 5	4 37	14 32	3 34	3 24	1 10	21 38	2 19	7 11	0 27	9 26	0 56	22 47	0 12	9 17	0 48	18 7
S 6	5 0	16 33	4 19	4 10	1 4	21 57	2 23	7 26	0 27	9 22	0 56	22 47	0 12	9 17	0 48	18 7
M 7	5 23	17 49	4 52	4 55	0 58	22 16	2 26	7 42	0 26	9 17	0 56	22 47	0 12	9 18	0 48	18 7
T 8	5 46	18 15	5 13	5 40	0 52	22 34	2 30	7 57	0 26	9 13	0 56	22 47	0 12	9 19	0 48	18 7
W 9	6 9	17 44	5 18	6 25	0 46	22 51	2 33	8 13	0 25	9 9	0 56	22 47	0 12	9 19	0 48	18 6
T 10	6 32	16 15	5 6	7 9	0 40	23 8	2 37	8 28	0 25	9 5	0 57	22 47	0 12	9 20	0 48	18 6
F 11	6 54	13 49	4 37	7 53	0 33	23 25	2 40	8 44	0 24	9 0	0 57	22 47	0 12	9 20	0 48	18 6
S 12	7 17	10 29	3 50	8 36	0 27	23 41	2 43	8 59	0 24	8 56	0 57	22 47	0 11	9 21	0 48	18 5
S 13	7 40	6 27	2 48	9 19	0 20	23 56	2 46	9 15	0 23	8 52	0 57	22 47	0 11	9 22	0 48	18 5
M14	8 2	1 54	1 33	10 1	0 13	24 11	2 50	9 30	0 22	8 48	0 57	22 47	0 11	9 22	0 48	18 5
T 15	8 25	2s49	0 11	10 42	0 6	24 26	2 53	9 45	0 22	8 44	0 57	22 46	0 11	9 23	0 48	18 5
W16	8 47	7 24	2n13	11 23	0s 0	24 39	2 56	10 0	0 21	8 40	0 57	22 46	0 11	9 23	0 48	18 5
T 17	9 9	11 28	2 31	12 3	0 7	24 52	2 59	10 16	0 21	8 36	0 58	22 46	0 11	9 24	0 48	18 4
F 18	9 31	14 44	3 37	12 43	0 14	25 5	3 1	10 31	0 20	8 32	0 58	22 46	0 11	9 24	0 48	18 4
S 19	9 53	16 59	4 28	13 21	0 21	25 17	3 4	10 46	0 20	8 28	0 58	22 46	0 11	9 25	0 48	18 4
S 20	10 15	18 7	5 1	13 59	0 28	25 28	3 7	11 1	0 19	8 24	0 58	22 46	0 11	9 25	0 48	18 4
M21	10 36	18 9	5 15	14 37	0 34	25 39	3 9	11 16	0 19	8 20	0 58	22 45	0 11	9 26	0 48	18 4
T 22	10 58	17 12	5 13	15 13	0 41	25 49	3 12	11 30	0 18	8 16	0 58	22 45	0 11	9 26	0 48	18 3
W23	11 19	15 23	4 54	15 49	0 48	25 58	3 14	11 45	0 17	8 12	0 59	22 45	0 10	9 27	0 48	18 3
T 24	11 40	12 54	4 22	16 24	0 54	26 7	3 17	12 0	0 17	8 8	0 59	22 45	0 10	9 27	0 48	18 3
F 25	12 1	9 54	3 40	16 58	1 1	26 15	3 19	12 14	0 16	8 4	0 59	22 44	0 10	9 27	0 48	18 3
S 26	12 22	6 33	2 48	17 31	1 7	26 22	3 21	12 29	0 16	8 0	0 59	22 44	0 10	9 28	0 48	18 3
S 27	12 42	2 57	1 49	18 4	1 13	26 29	3 23	12 43	0 15	7 56	0 59	22 44	0 10	9 28	0 48	18 3
M28	13 2	0n45	0 46	18 35	1 20	26 36	3 25	12 58	0 15	7 53	0 59	22 44	0 10	9 28	0 48	18 3
T 29	13 23	4 26	0s19	19 6	1 26	26 41	3 26	13 12	0 14	7 49	1 0	22 43	0 10	9 29	0 48	18 2
W30	13 42	7 57	1 23	19 35	1 32	26 46	3 28	13 26	0 14	7 45	1 0	22 43	0 10	9 29	0 48	18 2
T 31	14s 2	11n11	2s24	20s 4	1s37	26s51	3s29	13s40	0n13	7n42	1n 0	22s43	0n10	9s29	0s48	18n 2

Julian Day Number = 2361968.5, Delta T = 17.38 sec
 Ecliptic obliquity = 23°28'08, Nutation = 0°00'02, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°18'59, Lahiri = 20°25'59Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

NOVEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 42	8♉30'59	17♊48	24♋17	25♌33	7♍43	12♎56	12♏39	7°R31	8♐43	12♑27	8°R23	6♒50	7°Y36	26♓18	F 1
S 2	2 44 39	9°31'08	0♉2	25°45	26°34	8°24	13°6	12°43	7°K30	8°43	12°28	8♒18	6°47	7°43	26°23	S 2
S 3	2 48 36	10°31'19	12°27	27°12	27°35	9°6	13°16	12°47	7°30	8°44	12°31	8°12	6°43	7°50	26°28	S 3
M 4	2 52 32	11°31'32	25°3	28°39	28°35	9°47	13°25	12°52	7°29	8°44	12°33	8°6	6°40	7°56	26°33	M 4
T 5	2 56 29	12°31'47	7♊53	0♋5	29°35	10°29	13°35	12°57	7°28	8°44	12°35	8°1	6°37	8°3	26°38	T 5
W 6	3 0 25	13°32'04	20°56	1°30	0♌35	11°10	13°44	13°1	7°28	8°44	12°37	7°58	6°34	8°9	26°43	W 6
T 7	3 4 22	14°32'23	4♌16	2°55	1°34	11°52	13°53	13°6	7°27	8°44	12°39	7°56	6°31	8°16	26°48	T 7
F 8	3 8 18	15°32'43	17°53	4°19	2°33	12°33	14°2	13°11	7°27	8°45	12°41	7°D55	6°27	8°23	26°54	F 8
S 9	3 12 15	16°33'06	1♍47	5°42	3°31	13°15	14°11	13°15	7°26	8°45	12°43	7°56	6°24	8°29	26°59	S 9
S 10	3 16 11	17°33'31	16°1	7°5	4°29	13°57	14°20	13°20	7°26	8°45	12°45	7°57	6°21	8°36	27°4	S 10
M 11	3 20 8	18°33'58	0♑31	8°26	5°27	14°38	14°29	13°25	7°26	8°R45	12°47	7°R58	6°18	8°43	27°10	M 11
T 12	3 24 5	19°34'26	15°15	9°46	6°24	15°20	14°37	13°30	7°25	8°45	12°49	7°58	6°15	8°49	27°15	T 12
W 13	3 28 1	20°34'56	0♒7	11°5	7°21	16°2	14°46	13°36	7°25	8°45	12°51	7°57	6°12	8°56	27°21	W 13
T 14	3 31 58	21°35'29	15°1	12°23	8°17	16°44	14°54	13°41	7°25	8°45	12°54	7°53	6°8	9°3	27°26	T 14
F 15	3 35 54	22°36'02	29°47	13°39	9°12	17°26	15°3	13°46	7°25	8°44	12°56	7°47	6°5	9°9	27°32	F 15
S 16	3 39 51	23°36'38	14♓18	14°54	10°7	18°8	15°11	13°51	7°25	8°44	12°58	7°39	6°2	9°16	27°38	S 16
S 17	3 43 47	24°37'14	28°27	16°6	11°1	18°50	15°19	13°57	7°D25	8°44	13°0	7°31	5°59	9°23	27°43	S 17
M 18	3 47 44	25°37'52	12♊10	17°16	11°55	19°32	15°27	14°2	7°25	8°44	13°2	7°24	5°56	9°29	27°49	M 18
T 19	3 51 40	26°38'31	25°26	18°24	12°48	20°14	15°34	14°8	7°25	8°44	13°5	7°18	5°53	9°36	27°55	T 19
W 20	3 55 37	27°39'12	8♌17	19°28	13°40	20°57	15°42	14°13	7°25	8°43	13°7	7°13	5°49	9°43	28°1	W 20
T 21	3 59 34	28°39'53	20°44	20°30	14°32	21°39	15°49	14°19	7°25	8°43	13°9	7°11	5°46	9°49	28°6	T 21
F 22	4 3 30	29°40'36	2♋54	21°27	15°23	22°21	15°57	14°24	7°25	8°43	13°11	7°D11	5°43	9°56	28°12	F 22
S 23	4 7 27	0♌41'19	14°51	22°20	16°13	23°3	16°4	14°30	7°26	8°42	13°14	7°12	5°40	10°2	28°18	S 23
S 24	4 11 23	1°42'04	26°40	23°9	17°3	23°46	16°11	14°36	7°26	8°42	13°16	7°13	5°37	10°9	28°24	S 24
M 25	4 15 20	2°42'49	8♑26	23°51	17°51	24°28	16°18	14°42	7°27	8°41	13°18	7°R14	5°33	10°16	28°30	M 25
T 26	4 19 16	3°43'36	20°15	24°28	18°39	25°11	16°25	14°48	7°27	8°41	13°20	7°12	5°30	10°22	28°36	T 26
W 27	4 23 13	4°44'24	2♊11	24°57	19°26	25°53	16°31	14°54	7°27	8°40	13°23	7°9	5°27	10°29	28°42	W 27
T 28	4 27 9	5°45'12	14°16	25°19	20°12	26°36	16°38	15°0	7°28	8°40	13°25	7°3	5°24	10°36	28°48	T 28
F 29	4 31 6	6°46'02	26°34	25°32	20°57	27°18	16°44	15°6	7°29	8°39	13°27	6°55	5°21	10°42	28°54	F 29
S 30	4 35 3	7♓46'53	9♉4	25°R36	21♊40	28♌1	16°W50	15♊12	7°K29	8♐39	13♑29	6♒45	5♒18	10°Y49	29♓0	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s22	13n58	3s19	20s32	1s43	26s54	3s31	13s54	0n12	7n38	1n 0	22s42	0n10	9s30	0s47	18n 2	0s 4	12s58	9n25	3s20	2s43	2n57	17s31	5n54			
S 2	14 41	16 11	4 6	20 58	1 48	26 57	3 32	14 8	0 12	7 35	1 0	22 42	0 10	9 30	0 47	18 2	0 4	12 59	9 25	3 18	2 42	2 59	17 31	5 54			
S 3	15 0	17 40	4 41	21 24	1 54	27 0	3 33	14 22	0 11	7 31	1 1	22 42	0 9	9 30	0 47	18 2	0 4	12 59	9 24	3 15	2 40	3 1	17 32	5 54			
M 4	15 19	18 19	5 4	21 48	1 58	27 2	3 34	14 36	0 11	7 28	1 1	22 41	0 9	9 30	0 47	18 2	0 4	13 0	9 24	3 13	2 39	3 3	17 32	5 53			
T 5	15 37	18 3	5 12	22 12	2 3	27 3	3 35	14 49	0 10	7 24	1 1	22 41	0 9	9 31	0 47	18 2	0 4	13 0	9 24	3 11	2 38	3 5	17 33	5 53			
W 6	15 55	16 50	5 4	22 34	2 8	27 3	3 35	15 3	0 9	7 21	1 1	22 41	0 9	9 31	0 47	18 2	0 4	13 1	9 24	3 10	2 37	3 6	17 33	5 53			
T 7	16 13	14 41	4 40	22 56	2 12	27 3	3 36	15 16	0 9	7 17	1 1	22 40	0 9	9 31	0 47	18 2	0 4	13 1	9 23	3 9	2 35	3 8	17 33	5 53			
F 8	16 31	11 41	3 59	23 16	2 16	27 3	3 36	15 30	0 8	7 14	1 2	22 40	0 9	9 31	0 47	18 2	0 4	13 2	9 23	3 9	2 34	3 10	17 34	5 52			
S 9	16 48	7 59	3 4	23 34	2 20	27 1	3 36	15 43	0 8	7 11	1 2	22 40	0 9	9 31	0 47	18 2	0 4	13 2	9 23	3 9	2 33	3 12	17 34	5 52			
S 10	17 5	3 44	1 57	23 52	2 23	27 0	3 36	15 56	0 7	7 8	1 2	22 39	0 9	9 31	0 47	18 2	0 4	13 3	9 23	3 10	2 32	3 14	17 34	5 52			
M11	17 22	0s50	0 41	24 8	2 26	26 57	3 36	16 9	0 7	7 4	1 2	22 39	0 9	9 31	0 47	18 2	0 4	13 3	9 23	3 10	2 30	3 16	17 35	5 52			
T 12	17 39	5 24	0n39	24 23	2 28	26 54	3 36	16 22	0 6	7 1	1 2	22 38	0 9	9 31	0 47	18 2	0 4	13 4	9 22	3 10	2 29	3 17	17 35	5 51			
W13	17 55	9 42	1 57	24 37	2 30	26 51	3 35	16 34	0 5	6 58	1 3	22 38	0 9	9 31	0 47	18 2	0 4	13 4	9 22	3 9	2 28	3 19	17 35	5 51			
T 14	18 11	13 23	3 7	24 49	2 32	26 46	3 34	16 47	0 5	6 55	1 3	22 37	0 8	9 31	0 47	18 2	0 4	13 5	9 22	3 8	2 26	3 21	17 36	5 51			
F 15	18 27	16 9	4 4	25 0	2 33	26 42	3 33	16 59	0 4	6 52	1 3	22 37	0 8	9 31	0 47	18 2	0 4	13 5	9 22	3 5	2 25	3 23	17 36	5 51			
S 16	18 42	17 51	4 43	25 10	2 34	26 37	3 32	17 12	0 4	6 49	1 3	22 37	0 8	9 31	0 47	18 2	0 4	13 6	9 22	3 2	2 24	3 25	17 36	5 51			
S 17	18 57	18 23	5 5	25 18	2 34	26 31	3 31	17 24	0 3	6 46	1 4	22 36	0 8	9 31	0 47	18 2	0 4	13 6	9 21	2 59	2 23	3 26	17 37	5 50			
M18	19 11	17 49	5 7	25 24	2 34	26 24	3 29	17 36	0 2	6 43	1 4	22 36	0 8	9 31	0 47	18 2	0 4	13 6	9 21	2 56	2 21	3 28	17 37	5 50			
T 19	19 26	16 16	4 53	25 29	2 32	26 18	3 28	17 48	0 2	6 41	1 4	22 35	0 8	9 31	0 47	18 2	0 4	13 7	9 21	2 54	2 20	3 30	17 37	5 50			
W20	19 40	13 57	4 25	25 33	2 30	26 10	3 26	18 0	0 1	6 38	1 4	22 35	0 8	9 31	0 47	18 2	0 4	13 7	9 21	2 52	2 19	3 32	17 37	5 50			
T 21	19 53	11 3	3 44	25 35	2 28	26 3	3 23	18 11	0 1	6 35	1 4	22 34	0 8	9 31	0 47	18 2	0 4	13 8	9 21	2 51	2 18	3 34	17 38	5 50			
F 22	20 6	7 45	2 54	25 35	2 24	25 54	3 21	18 23	0s 0	6 33	1 5	22 34	0 8	9 31	0 47	18 2	0 4	13 8	9 20	2 51	2 16	3 35	17 38	5 50			
S 23	20 19	4 10	1 58	25 34	2 20	25 46	3 18	18 34	0 1	6 30	1 5	22 33	0 8	9 31	0 47	18 2	0 4	13 9	9 20	2 52	2 15	3 37	17 38	5 50			
S 24	20 32	0 28	0 57	25 31	2 14	25 37	3 15	18 45	0 1	6 27	1 5	22 32	0 8	9 31	0 47	18 3	0 4	13 9	9 20	2 52	2 14	3 39	17 38	5 49			
M25	20 44	3n15	0s 7	25 27	2 7	25 27	3 12	18 56	0 2	6 25	1 5	22 32	0 8	9 30	0 47	18 3	0 4	13 9	9 20	2 52	2 13	3 41	17 38	5 49			
T 26	20 55	6 51	1 9	25 21	2 0	25 17	3 9	19 7	0 2	6 23	1 6	22 31	0 7	9 30	0 47	18 3	0 4	13 10	9 20	2 52	2 11	3 43	17 39	5 49			
W27	21 7	10 13	2 10	25 13	1 51	25 7	3 5	19 18	0 3	6 20	1 6	22 31	0 7	9 30	0 46	18 3	0 4	13 10	9 20	2 51	2 10	3 44	17 39	5 49			
T 28	21 18	13 12	3 5	25 3	1 40	24 56	3 1	19 29	0 4	6 18	1 6	22 30	0 7	9 30	0 46	18 3	0 4	13 11	9 20	2 48	2 9	3 46	17 39	5 49			
F 29	21 28	15 39	3 52	24 52	1 28	24 45	2 57	19 39	0 4	6 16	1 6	22 30	0 7	9 30	0 46	18 3	0 4	13 11	9 19	2 45	2 8	3 48	17 39	5 49			
S 30	21s38	17n24	4s29	24s39	1s15	24s33	2s52	19s49	0s 5	6n14	1n 7	22s29	0n 7	9s29	0s46	18n 3	0s 4	13s11	9n19	2s41	2s 6	3n50	17s39	5n49			

ASTRODIENST EPHEMERIS for the year 1754

geocentric

DECEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 59	8♂47'45	21♂48	25°R29	22♂23	28♂44	16♂56	15♂18	7♂30	8°R38	13♂32	6°R33	5♂14	10♂56	29♂6	S 1
M 2	4 42 56	9°48'39	4♂45	25♂12	23° 5	29°27	17° 2	15°24	7°31	8♂37	13°34	6♂21	5°11	11° 2	29°12	M 2
T 3	4 46 52	10°49'33	17°54	24°43	23°46	0♂9	17° 8	15°30	7°32	8°37	13°36	6°11	5° 8	11° 9	29°18	T 3
W 4	4 50 49	11°50'29	1♂15	24° 3	24°25	0°52	17°13	15°36	7°32	8°36	13°39	6° 2	5° 5	11°16	29°25	W 4
T 5	4 54 45	12°51'25	14°45	23°12	25° 3	1°35	17°19	15°43	7°33	8°35	13°41	5°56	5° 2	11°22	29°31	T 5
F 6	4 58 42	13°52'23	28°26	22°11	25°40	2°18	17°24	15°49	7°34	8°34	13°43	5°53	4°59	11°29	29°37	F 6
S 7	5 2 39	14°53'22	12♂17	21° 1	26°16	3° 1	17°29	15°56	7°35	8°34	13°46	5°D52	4°55	11°35	29°43	S 7
S 8	5 6 35	15°54'22	26°19	19°44	26°50	3°44	17°34	16° 2	7°36	8°33	13°48	5°52	4°52	11°42	29°49	S 8
M 9	5 10 32	16°55'24	10♂30	18°23	27°22	4°27	17°39	16° 8	7°37	8°32	13°50	5°R52	4°49	11°49	29°56	M 9
T 10	5 14 28	17°56'26	24°50	17° 0	27°54	5°10	17°43	16°15	7°39	8°31	13°52	5°51	4°46	11°55	0♂2	T 10
W 11	5 18 25	18°57'30	9♂16	15°38	28°23	5°53	17°48	16°22	7°40	8°30	13°55	5°47	4°43	12° 2	0° 8	W 11
T 12	5 22 21	19°58'34	23°45	14°20	28°51	6°37	17°52	16°28	7°41	8°29	13°57	5°41	4°39	12° 9	0°14	T 12
F 13	5 26 18	20°59'40	8♂9	13° 8	29°18	7°20	17°56	16°35	7°42	8°28	13°59	5°31	4°36	12°15	0°21	F 13
S 14	5 30 14	22° 0'46	22°24	12° 4	29°42	8° 3	18° 0	16°41	7°44	8°27	14° 2	5°19	4°33	12°22	0°27	S 14
S 15	5 34 11	23° 1'52	6♂22	11°10	0♂5	8°47	18° 3	16°48	7°45	8°26	14° 4	5° 7	4°30	12°29	0°33	S 15
M 16	5 38 8	24° 3'00	20° 0	10°26	0°26	9°30	18° 7	16°55	7°47	8°25	14° 6	4°54	4°27	12°35	0°40	M 16
T 17	5 42 4	25° 4'07	3♂15	9°53	0°45	10°13	18°10	17° 2	7°48	8°24	14° 8	4°44	4°24	12°42	0°46	T 17
W 18	5 46 1	26° 5'15	16° 6	9°31	1° 2	10°57	18°14	17° 8	7°50	8°23	14°11	4°35	4°20	12°49	0°52	W 18
T 19	5 49 57	27° 6'23	28°36	9°20	1°17	11°40	18°17	17°15	7°51	8°21	14°13	4°30	4°17	12°55	0°59	T 19
F 20	5 53 54	28° 7'32	10♂47	9°D19	1°29	12°24	18°19	17°22	7°53	8°20	14°15	4°27	4°14	13° 2	1° 5	F 20
S 21	5 57 50	29° 8'40	22°45	9°27	1°40	13° 8	18°22	17°29	7°54	8°19	14°17	4°26	4°11	13° 9	1°11	S 21
S 22	6 1 47	0♂9'49	4♂35	9°44	1°48	13°51	18°24	17°36	7°56	8°18	14°20	4°26	4° 8	13°15	1°18	S 22
M 23	6 5 43	1°10'57	16°22	10° 8	1°54	14°35	18°27	17°43	7°58	8°17	14°22	4°26	4° 5	13°22	1°24	M 23
T 24	6 9 40	2°12'06	28°12	10°40	1°57	15°19	18°29	17°49	8° 0	8°15	14°24	4°24	4° 1	13°28	1°30	T 24
W 25	6 13 37	3°13'14	10♂11	11°18	1°R58	16° 2	18°31	17°56	8° 2	8°14	14°26	4°20	3°58	13°35	1°37	W 25
T 26	6 17 33	4°14'23	22°22	12° 2	1°57	16°46	18°32	18° 3	8° 4	8°13	14°29	4°13	3°55	13°42	1°43	T 26
F 27	6 21 30	5°15'31	4♂49	12°51	1°53	17°30	18°34	18°10	8° 5	8°11	14°31	4° 3	3°52	13°48	1°49	F 27
S 28	6 25 26	6°16'40	17°33	13°44	1°46	18°14	18°35	18°17	8° 7	8°10	14°33	3°51	3°49	13°55	1°56	S 28
S 29	6 29 23	7°17'49	0♂36	14°41	1°37	18°58	18°36	18°24	8°10	8° 9	14°35	3°38	3°45	14° 2	2° 2	S 29
M 30	6 33 19	8°18'57	13°56	15°42	1°26	19°42	18°37	18°31	8°12	8° 7	14°37	3°24	3°42	14° 8	2° 8	M 30
T 31	6 37 16	9♂20'06	27♂30	16♂46	1♂12	20♂26	18♂38	18♂38	8♂14	8♂6	14♂39	3♂12	3♂39	14♂15	2♂15	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s48	18n20	4s54	24s24	1s 1	24s22	2s48	19s59	0s 6	6n11	1n 7	22s28	0n 7	9s29	0s46	18n 4
M 2	21 57	18 20	5 3	24 7	0 45	24 10	2 42	20 9	0 6	6 9	1 7	22 28	0 7	9 29	0 46	18 4
T 3	22 6	17 22	4 57	23 49	0 27	23 57	2 37	20 19	0 7	6 7	1 7	22 27	0 7	9 28	0 46	18 4
W 4	22 14	15 26	4 35	23 29	0 9	23 45	2 31	20 29	0 7	6 5	1 8	22 26	0 7	9 28	0 46	18 4
T 5	22 22	12 39	3 57	23 7	0n11	23 32	2 25	20 38	0 8	6 4	1 8	22 26	0 7	9 28	0 46	18 4
F 6	22 30	9 8	3 5	22 43	0 31	23 19	2 19	20 47	0 9	6 2	1 8	22 25	0 7	9 27	0 46	18 5
S 7	22 37	5 5	2 2	22 19	0 51	23 5	2 12	20 56	0 9	6 0	1 8	22 24	0 7	9 27	0 46	18 5
S 8	22 43	0 42	0 51	21 53	1 11	22 52	2 5	21 5	0 10	5 58	1 9	22 24	0 7	9 26	0 46	18 5
M 9	22 50	3s47	0n25	21 27	1 31	22 38	1 58	21 14	0 10	5 57	1 9	22 23	0 6	9 26	0 46	18 5
T 10	22 55	8 6	1 39	21 2	1 49	22 24	1 50	21 22	0 11	5 55	1 9	22 22	0 6	9 25	0 46	18 6
W 11	23 1	11 57	2 47	20 37	2 5	22 10	1 42	21 30	0 12	5 54	1 9	22 22	0 6	9 25	0 46	18 6
T 12	23 5	15 6	3 45	20 14	2 20	21 56	1 34	21 39	0 12	5 52	1 10	22 21	0 6	9 24	0 46	18 6
F 13	23 10	17 17	4 28	19 54	2 32	21 42	1 25	21 46	0 13	5 51	1 10	22 20	0 6	9 24	0 46	18 6
S 14	23 14	18 22	4 54	19 36	2 42	21 28	1 16	21 54	0 14	5 50	1 10	22 19	0 6	9 23	0 46	18 7
S 15	23 17	18 18	5 1	19 21	2 49	21 14	1 6	22 2	0 14	5 48	1 10	22 19	0 6	9 23	0 46	18 7
M 16	23 20	17 11	4 51	19 10	2 54	21 0	0 56	22 9	0 15	5 47	1 11	22 18	0 6	9 22	0 46	18 7
T 17	23 23	15 9	4 25	19 2	2 57	20 45	0 46	22 16	0 15	5 46	1 11	22 17	0 6	9 22	0 46	18 8
W 18	23 25	12 25	3 46	18 58	2 58	20 31	0 35	22 23	0 16	5 45	1 11	22 16	0 6	9 21	0 46	18 8
T 19	23 26	9 12	2 58	18 57	2 58	20 17	0 24	22 29	0 17	5 44	1 12	22 16	0 6	9 20	0 46	18 8
F 20	23 27	5 39	2 2	18 59	2 56	20 3	0 12	22 36	0 17	5 44	1 12	22 15	0 6	9 20	0 46	18 8
S 21	23 28	1 56	1 2	19 3	2 52	19 49	0 0	22 42	0 18	5 43	1 12	22 14	0 6	9 19	0 46	18 9
S 22	23 28	1n49	0s 1	19 10	2 48	19 35	0n12	22 48	0 19	5 42	1 12	22 13	0 5	9 18	0 46	18 9
M 23	23 28	5 29	1 3	19 19	2 42	19 21	0 25	22 54	0 19	5 41	1 13	22 12	0 5	9 18	0 45	18 9
T 24	23 27	8 57	2 2	19 30	2 36	19 8	0 38	22 59	0 20	5 41	1 13	22 11	0 5	9 17	0 45	18 10
W 25	23 26	12 5	2 57	19 42	2 29	18 55	0 51	23 5	0 21	5 40	1 13	22 11	0 5	9 16	0 45	18 10
T 26	23 24	14 46	3 45	19 55	2 22	18 41	1 5	23 10	0 21	5 40	1 14	22 10	0 5	9 16	0 45	18 11
F 27	23 22	16 49	4 23	20 9	2 14	18 29	1 19	23 14	0 22	5 40	1 14	22 9	0 5	9 15	0 45	18 11
S 28	23 19	18 6	4 48	20 23	2 6	18 16	1 34	23 19	0 22	5 39	1 14	22 8	0 5	9 14	0 45	18 11
S 29	23 16	18 28	5 0	20 38	1 58	18 4	1 49	23 24	0 23	5 39	1 14	22 7	0 5	9 13	0 45	18 12
M 30	23 12	17 51	4 55	20 53	1 49	17 51	2 4	23 28	0 24	5 39	1 15	22 6	0 5	9 12	0 45	18 12
T 31	23s 8	16n12	4s34	21s 8	1n41	17s40	2n19	23s32	0s24	5n39	1n15	22s 5	0n 5	9s12	0s45	18n12

Julian Day Number = 2362029.5, Delta T = 17.43 sec
 Ecliptic obliquity = 23°28'06, Nutation = 0°00'01, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°19'07, Lahiri = 20°26'08Greg. Calendar