



Astrodienst Ephemeris Tables for the year 1759

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 1759

geocentric

JANUARY 1759

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 19	10°22'57	2°24	29°3 9	7°37	21°37	3°3 7	0°24	23°37	17°R 6	23°28	15°59	16°14	27°11 5	1°2 2	M 1
T 2	6 45 15	11°24'08	16°37	0°23	8°52	22°24	3°20	0°29	23°39	17°R 5	23°30	15°59	16°11	27°12	1° 7	T 2
W 3	6 49 12	12°25'20	0°56	1°33	10° 8	23°11	3°34	0°35	23°41	17° 4	23°32	15°59	16° 7	27°19	1°12	W 3
T 4	6 53 8	13°26'30	15°17	2°38	11°23	23°58	3°48	0°40	23°42	17° 2	23°34	16° 0	16° 4	27°26	1°17	T 4
F 5	6 57 5	14°27'40	29°35	3°36	12°39	24°45	4° 2	0°46	23°44	17° 1	23°36	16° 0	16° 1	27°32	1°22	F 5
S 6	7 1 2	15°28'50	13°48	4°29	13°54	25°32	4°15	0°52	23°45	17° 0	23°38	16° 0	15°58	27°39	1°26	S 6
S 7	7 4 58	16°29'59	27°53	5°13	15°10	26°19	4°29	0°58	23°47	16°58	23°40	16° 0	15°55	27°46	1°31	S 7
M 8	7 8 55	17°31'08	11°49	5°50	16°25	27° 6	4°43	1° 4	23°49	16°57	23°42	16° 0	15°51	27°52	1°36	M 8
T 9	7 12 51	18°32'16	25°35	6°17	17°41	27°53	4°56	1°10	23°51	16°56	23°45	16° 0	15°48	27°59	1°41	T 9
W10	7 16 48	19°33'23	9°11 9	6°34	18°56	28°40	5°10	1°16	23°53	16°54	23°47	16° 1	15°45	28° 6	1°46	W10
T 11	7 20 44	20°34'30	22°31	6°R40	20°12	29°27	5°24	1°22	23°55	16°53	23°49	16° 1	15°42	28°13	1°51	T 11
F 12	7 24 41	21°35'36	5°39	6°34	21°27	0°14	5°37	1°28	23°57	16°51	23°51	16° 1	15°39	28°19	1°56	F 12
S 13	7 28 37	22°36'42	18°35	6°17	22°43	1° 1	5°51	1°34	23°59	16°50	23°53	16°R 1	15°36	28°26	2° 1	S 13
S 14	7 32 34	23°37'47	1°12	5°48	23°58	1°49	6° 4	1°41	24° 1	16°48	23°55	16° 1	15°32	28°33	2° 6	S 14
M15	7 36 31	24°38'52	13°45	5° 8	25°13	2°36	6°18	1°47	24° 3	16°47	23°57	16° 0	15°29	28°39	2°11	M15
T 16	7 40 27	25°39'56	26° 1	4°18	26°29	3°23	6°31	1°53	24° 5	16°45	23°59	15°59	15°26	28°46	2°16	T 16
W17	7 44 24	26°40'59	8°11 7	3°18	27°44	4°10	6°45	2° 0	24° 7	16°44	24° 1	15°58	15°23	28°53	2°21	W17
T 18	7 48 20	27°42'02	20° 5	2°11	29° 0	4°57	6°58	2° 6	24° 9	16°42	24° 3	15°56	15°20	29° 0	2°26	T 18
F 19	7 52 17	28°43'05	1°58	0°58	0°15	5°45	7°11	2°12	24°11	16°40	24° 4	15°54	15°16	29° 6	2°31	F 19
S 20	7 56 13	29°44'07	13°50	29°42	1°30	6°32	7°25	2°19	24°14	16°39	24° 6	15°53	15°13	29°13	2°36	S 20
S 21	8 0 10	0°45'08	25°45	28°25	2°46	7°19	7°38	2°26	24°16	16°37	24° 8	15°D52	15°10	29°20	2°41	S 21
M22	8 4 6	1°46'09	7°14	27°10	4° 1	8° 7	7°51	2°32	24°18	16°36	24°10	15°52	15° 7	29°26	2°46	M22
T 23	8 8 3	2°47'10	20° 4	25°58	5°17	8°54	8° 5	2°39	24°21	16°34	24°12	15°53	15° 4	29°33	2°50	T 23
W24	8 12 0	3°48'09	2°36	24°51	6°32	9°41	8°18	2°45	24°23	16°32	24°14	15°54	15° 1	29°40	2°55	W24
T 25	8 15 56	4°49'09	15°30	23°51	7°47	10°29	8°31	2°52	24°26	16°31	24°16	15°56	14°57	29°47	3° 0	T 25
F 26	8 19 53	5°50'07	28°47	22°59	9° 3	11°16	8°44	2°59	24°28	16°29	24°17	15°57	14°54	29°53	3° 5	F 26
S 27	8 23 49	6°51'05	12°30	22°15	10°18	12° 3	8°57	3° 6	24°31	16°27	24°19	15°R58	14°51	0° 0	3°10	S 27
S 28	8 27 46	7°52'02	26°36	21°39	11°33	12°51	9°10	3°13	24°33	16°26	24°21	15°58	14°48	0° 7	3°15	S 28
M29	8 31 42	8°52'58	11°33	21°13	12°49	13°38	9°23	3°19	24°36	16°24	24°23	15°56	14°45	0°13	3°20	M29
T 30	8 35 39	9°53'52	25°44	20°55	14° 4	14°25	9°36	3°26	24°38	16°22	24°24	15°54	14°42	0°20	3°25	T 30
W31	8 39 35	10°54'46	10°33	20°34	15°19	15°13	9°39	3°33	24°41	16°21	24°26	15°50	14°38	0°27	3°30	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	23s 4	21s 6	1s30	21s45	1s25	23s44	0s29	22s46	1s 3	23s19	0n 7	12s51	1s37	3s13	0s44	15n56
T 2	22 59	18 27	2 42	21 20	1 16	23 41	0 31	22 38	1 3	23 19	0 7	12 49	1 37	3 12	0 44	15 57
W 3	22 53	14 39	3 44	20 55	1 6	23 38	0 33	22 31	1 3	23 18	0 7	12 47	1 37	3 12	0 44	15 57
T 4	22 47	10 0	4 33	20 29	0 55	23 34	0 35	22 23	1 3	23 18	0 7	12 45	1 37	3 11	0 44	15 57
F 5	22 41	4 49	5 4	20 3	0 42	23 29	0 38	22 15	1 3	23 18	0 7	12 43	1 36	3 10	0 44	15 58
S 6	22 34	0n35	5 17	19 38	0 29	23 24	0 40	22 6	1 4	23 17	0 7	12 41	1 36	3 10	0 44	15 58
S 7	22 27	5 54	5 10	19 13	0 14	23 18	0 42	21 58	1 4	23 17	0 7	12 39	1 36	3 9	0 44	15 59
M 8	22 19	10 52	4 46	18 49	0n 1	23 11	0 44	21 49	1 4	23 17	0 7	12 37	1 36	3 8	0 44	15 59
T 9	22 11	15 13	4 5	18 27	0 17	23 4	0 46	21 39	1 4	23 16	0 6	12 34	1 36	3 7	0 44	16 0
W10	22 3	18 43	3 11	18 6	0 35	22 55	0 48	21 30	1 4	23 16	0 6	12 32	1 36	3 7	0 44	16 0
T 11	21 54	21 9	2 7	17 47	0 53	22 46	0 50	21 20	1 4	23 15	0 6	12 30	1 36	3 6	0 44	16 1
F 12	21 44	22 24	0 57	17 30	1 11	22 37	0 52	21 10	1 4	23 15	0 6	12 28	1 36	3 5	0 44	16 1
S 13	21 34	22 25	0n14	17 16	1 30	22 26	0 54	21 0	1 4	23 14	0 6	12 25	1 36	3 4	0 44	16 1
S 14	21 24	21 16	1 24	17 5	1 48	22 15	0 56	20 50	1 5	23 14	0 6	12 23	1 36	3 3	0 44	16 2
M15	21 13	19 5	2 28	16 58	2 7	22 4	0 57	20 39	1 5	23 13	0 6	12 21	1 36	3 2	0 44	16 2
T 16	21 2	16 3	3 24	16 53	2 24	21 51	0 59	20 28	1 5	23 13	0 6	12 19	1 36	3 2	0 44	16 3
W17	20 51	12 24	4 10	16 51	2 40	21 38	1 1	20 17	1 5	23 12	0 6	12 16	1 36	3 1	0 44	16 3
T 18	20 39	8 18	4 45	16 52	2 55	21 24	1 3	20 6	1 5	23 12	0 6	12 14	1 36	3 0	0 44	16 4
F 19	20 27	3 54	5 7	16 55	3 7	21 10	1 4	19 54	1 5	23 11	0 6	12 12	1 36	2 59	0 44	16 4
S 20	20 14	0s37	5 16	17 1	3 18	20 55	1 6	19 43	1 5	23 10	0 5	12 9	1 36	2 58	0 44	16 5
S 21	20 1	5 8	5 11	17 9	3 26	20 40	1 7	19 31	1 5	23 10	0 5	12 7	1 36	2 57	0 44	16 5
M22	19 47	9 30	4 53	17 18	3 31	20 23	1 9	19 19	1 5	23 9	0 5	12 4	1 36	2 56	0 44	16 6
T 23	19 34	13 34	4 22	17 29	3 34	20 7	1 10	19 6	1 5	23 8	0 5	12 2	1 36	2 55	0 44	16 6
W24	19 20	17 10	3 37	17 40	3 34	19 49	1 12	18 54	1 5	23 8	0 5	12 0	1 36	2 54	0 44	16 7
T 25	19 5	20 1	2 40	17 52	3 33	19 31	1 13	18 41	1 5	23 7	0 5	11 57	1 36	2 53	0 44	16 7
F 26	18 50	21 55	1 33	18 5	3 29	19 13	1 14	18 28	1 5	23 6	0 5	11 55	1 36	2 52	0 44	16 8
S 27	18 35	22 34	0 19	18 17	3 23	18 54	1 15	18 15	1 5	23 5	0 5	11 52	1 36	2 51	0 44	16 8
S 28	18 20	21 49	0s58	18 29	3 16	18 34	1 17	18 1	1 5	23 4	0 5	11 50	1 36	2 50	0 44	16 9
M29	18 4	19 37	2 14	18 42	3 8	18 14	1 18	17 48	1 5	23 4	0 5	11 47	1 36	2 49	0 44	16 9
T 30	17 47	16 7	3 21	18 53	2 59	17 53	1 19	17 34	1 5	23 3	0 5	11 45	1 36	2 48	0 44	16 10
W31	17s31	11s34	4s16	19s 5	2n49	17s32	1s20	17s20	1s 5	23s 2	0n 4	11s42	1s36	2s47	0s43	16n10

Julian Day Number = 2363521.5, Delta T = 18.57 sec

Ecliptic obliquity = 23°28'11", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°22'32", Lahiri = 20°29'33Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1759

geocentric

FEBRUARY 1759

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 32	11°55'38	25°21	20°D43	16°35	16°0	10°2	3°40	24°44	16°R19	24°28	15°R46	14°35	0°34	3°35	T 1
F 2	8 47 29	12°56'29	10°Y 2	20°349	17°50	16°48	10°14	3°47	24°47	16°R17	24°29	15°343	14°32	0°40	3°40	F 2
S 3	8 51 25	13°57'18	24°29	21° 1	19° 5	17°35	10°27	3°54	24°49	16°16	24°31	15°40	14°29	0°47	3°45	S 3
S 4	8 55 22	14°58'06	8°39	21°20	20°20	18°23	10°40	4° 1	24°52	16°14	24°33	15°D39	14°26	0°54	3°50	S 4
M 5	8 59 18	15°58'52	22°30	21°45	21°36	19°10	10°52	4° 8	24°55	16°12	24°34	15°39	14°22	1° 1	3°55	M 5
T 6	9 3 15	16°59'37	6°II 3	22°15	22°51	19°57	11° 5	4°15	24°58	16°11	24°36	15°40	14°19	1° 7	4° 0	T 6
W 7	9 7 11	18° 0'20	19°18	22°50	24° 6	20°45	11°17	4°23	25° 1	16° 9	24°37	15°42	14°16	1°14	4° 5	W 7
T 8	9 11 8	19° 1'01	22°17	23°30	25°21	21°32	11°30	4°30	25° 4	16° 7	24°39	15°43	14°13	1°21	4° 9	T 8
F 9	9 15 4	20° 1'41	15° 3	24°14	26°36	22°20	11°42	4°37	25° 7	16° 6	24°40	15°R44	14°10	1°27	4°14	F 9
S 10	9 19 1	21° 2'19	27°38	25° 2	27°51	23° 7	11°54	4°44	25° 9	16° 4	24°42	15°43	14° 7	1°34	4°19	S 10
S 11	9 22 58	22° 2'56	10°II 2	25°54	29° 7	23°55	12° 6	4°51	25°12	16° 2	24°43	15°41	14° 3	1°41	4°24	S 11
M12	9 26 54	23° 3'31	22°17	26°48	0°H22	24°42	12°18	4°58	25°15	16° 1	24°44	15°36	14° 0	1°48	4°29	M12
T 13	9 30 51	24° 4'05	4°II 24	27°46	1°37	25°29	12°31	5° 6	25°19	15°59	24°46	15°30	13°57	1°54	4°33	T 13
W14	9 34 47	25° 4'37	16°24	28°47	2°52	26°17	12°42	5°13	25°22	15°57	24°47	15°23	13°54	2° 1	4°38	W14
T 15	9 38 44	26° 5'07	28°20	29°50	4° 7	27° 4	12°54	5°20	25°25	15°56	24°48	15°15	13°51	2° 8	4°43	T 15
F 16	9 42 40	27° 5'37	10°II 12	0°55	5°22	27°52	13° 6	5°27	25°28	15°54	24°50	15° 7	13°48	2°14	4°48	F 16
S 17	9 46 37	28° 6'04	22° 4	2° 3	6°37	28°39	13°18	5°35	25°31	15°52	24°51	15° 0	13°44	2°21	4°52	S 17
S 18	9 50 33	29° 6'31	3°III 58	3°13	7°52	29°27	13°30	5°42	25°34	15°51	24°52	14°55	13°41	2°28	4°57	S 18
M19	9 54 30	0°H 6'56	15°59	4°24	9° 7	0°H 14	13°41	5°49	25°37	15°49	24°53	14°52	13°38	2°35	5° 2	M19
T 20	9 58 27	1° 7'20	28°11	5°38	10°22	1° 1	13°53	5°56	25°40	15°47	24°55	14°D50	13°35	2°41	5° 6	T 20
W21	10 2 23	2° 7'42	10°II 38	6°53	11°37	1°49	14° 4	6° 4	25°44	15°46	24°56	14°51	13°32	2°48	5°11	W21
T 22	10 6 20	3° 8'03	23°26	8°10	12°52	2°36	14°16	6°11	25°47	15°44	24°57	14°52	13°28	2°55	5°15	T 22
F 23	10 10 16	4° 8'23	6°39	9°28	14° 7	3°23	14°27	6°18	25°50	15°43	24°58	14°53	13°25	3° 1	5°20	F 23
S 24	10 14 13	5° 8'41	20°19	10°48	15°22	4°11	14°38	6°26	25°53	15°41	24°59	14°R53	13°22	3° 8	5°24	S 24
S 25	10 18 9	6° 8'57	4°28	12°10	16°37	4°58	14°49	6°33	25°57	15°39	25° 0	14°51	13°19	3°15	5°29	S 25
M26	10 22 6	7° 9'12	19° 3	13°33	17°51	5°46	15° 0	6°40	26° 0	15°38	25° 1	14°47	13°16	3°22	5°33	M26
T 27	10 26 2	8° 9'25	4°H 0	14°57	19° 6	6°33	15°11	6°48	26° 3	15°36	25° 2	14°41	13°13	3°28	5°38	T 27
W28	10 29 59	9°H 9'36	19°H 10	16°22	20°H 21	7°H 20	15°22	6°H 55	26°H 6	15°R35	25°H 3	14°33	13°9	3°H 35	5°H 42	W28

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	
T 1	17s14	6s20	4s54	19s16	2n38	17s10	1s21	17s 6	1s 5	23s 1	0n 4	11s40	1s36	2s46	0s43	16n11
F 2	16 57	0 48	5 12	19 26	2 27	16 48	1 22	16 51	1 5	23 0	0 4	11 37	1 36	2 45	0 43	16 11
S 3	16 40	4n42	5 10	19 35	2 16	16 26	1 22	16 37	1 5	22 59	0 4	11 34	1 36	2 43	0 43	16 12
S 4	16 22	9 51	4 49	19 43	2 5	16 2	1 23	16 22	1 5	22 58	0 4	11 32	1 36	2 42	0 43	16 13
M 5	16 4	14 22	4 11	19 51	1 53	15 39	1 24	16 7	1 5	22 57	0 4	11 29	1 36	2 41	0 43	16 13
T 6	15 46	18 3	3 20	19 58	1 41	15 15	1 25	15 52	1 5	22 57	0 4	11 27	1 36	2 40	0 43	16 14
W 7	15 27	20 43	2 20	20 3	1 30	14 51	1 25	15 37	1 5	22 56	0 4	11 24	1 36	2 39	0 43	16 14
T 8	15 8	22 14	1 13	20 8	1 18	14 26	1 26	15 22	1 5	22 55	0 4	11 22	1 36	2 38	0 43	16 15
F 9	14 49	22 33	0 4	20 12	1 7	14 1	1 26	15 6	1 4	22 54	0 4	11 19	1 36	2 36	0 43	16 15
S 10	14 30	21 43	1n 4	20 14	0 56	13 35	1 26	14 50	1 4	22 53	0 4	11 16	1 36	2 35	0 43	16 16
S 11	14 11	19 49	2 8	20 15	0 45	13 9	1 27	14 35	1 4	22 52	0 3	11 14	1 36	2 34	0 43	16 16
M12	13 51	17 2	3 6	20 16	0 34	12 43	1 27	14 19	1 4	22 51	0 3	11 11	1 36	2 33	0 43	16 17
T 13	13 31	13 32	3 54	20 15	0 24	12 16	1 27	14 3	1 4	22 50	0 3	11 8	1 36	2 32	0 43	16 17
W14	13 11	9 31	4 31	20 12	0 14	11 49	1 27	13 46	1 4	22 49	0 3	11 6	1 36	2 30	0 43	16 18
T 15	12 50	5 11	4 55	20 9	0 4	11 22	1 27	13 30	1 4	22 48	0 3	11 3	1 36	2 29	0 43	16 18
F 16	12 30	0 40	5 8	20 4	0s 6	10 55	1 27	13 14	1 4	22 47	0 3	11 0	1 36	2 28	0 43	16 19
S 17	12 9	3s52	5 6	19 58	0 15	10 27	1 27	12 57	1 3	22 45	0 3	10 58	1 36	2 27	0 43	16 19
S 18	11 48	8 17	4 52	19 51	0 24	9 59	1 27	12 40	1 3	22 44	0 3	10 55	1 36	2 25	0 43	16 20
M19	11 27	12 25	4 25	19 43	0 33	9 30	1 27	12 23	1 3	22 43	0 3	10 52	1 36	2 24	0 43	16 20
T 20	11 5	16 7	3 45	19 33	0 41	9 2	1 27	12 6	1 3	22 42	0 3	10 50	1 36	2 23	0 43	16 21
W21	10 44	19 12	2 54	19 22	0 49	8 33	1 26	11 49	1 3	22 41	0 2	10 47	1 36	2 22	0 43	16 21
T 22	10 22	21 26	1 53	19 10	0 57	8 4	1 26	11 32	1 3	22 40	0 2	10 44	1 36	2 20	0 43	16 22
F 23	10 0	22 34	0 44	18 56	1 4	7 35	1 26	11 15	1 2	22 39	0 2	10 42	1 36	2 19	0 43	16 22
S 24	9 38	22 25	0s29	18 41	1 11	7 5	1 25	10 57	1 2	22 38	0 2	10 39	1 36	2 18	0 43	16 23
S 25	9 16	20 51	1 43	18 25	1 18	6 35	1 24	10 40	1 2	22 37	0 2	10 36	1 36	2 16	0 43	16 23
M26	8 54	17 52	2 53	18 8	1 24	6 6	1 24	10 22	1 2	22 36	0 2	10 34	1 36	2 15	0 43	16 24
T 27	8 31	13 39	3 52	17 49	1 30	5 36	1 23	10 4	1 2	22 34	0 2	10 31	1 36	2 14	0 43	16 24
W28	8s 9	8s31	4s36	17s29	1s36	5s 5	1s22	9s47	1s 1	22s33	0n 2	10s28	1s36	2s12	0s43	16n24

Julian Day Number = 2363552.5, Delta T = 18.59 sec

Ecliptic obliquity = 23°28'12, Nutation = - 0°00'15, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°22'37, Lahiri = 20°29'37Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1759

geocentric

MARCH 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 56	10° 9'46	4° 22	17° 49	21° 36	8° 7	15° 33	7° 2	26° 10	15° R33	25° 4	14° R24	13° 6	3° 42	5° 46	T 1
F 2	10 37 52	11° 9'53	19° 27	19° 16	22° 51	8° 55	15° 43	7° 10	26° 13	15° 32	25° 5	14° 16	13° 3	3° 49	5° 51	F 2
S 3	10 41 49	12° 9'58	4° 14	20° 45	24° 5	9° 42	15° 54	7° 17	26° 16	15° 30	25° 5	14° 9	13° 0	3° 55	5° 55	S 3
S 4	10 45 45	13° 10'02	18° 39	22° 16	25° 20	10° 29	16° 4	7° 24	26° 20	15° 29	25° 6	14° 4	12° 57	4° 2	5° 59	S 4
M 5	10 49 42	14° 10'03	2° 38	23° 47	26° 35	11° 16	16° 14	7° 32	26° 23	15° 27	25° 7	14° 2	12° 54	4° 9	6° 3	M 5
T 6	10 53 38	15° 10'02	16° 10	25° 20	27° 49	12° 4	16° 25	7° 39	26° 27	15° 26	25° 8	14° D 1	12° 50	4° 15	6° 7	T 6
W 7	10 57 35	16° 9'58	29° 19	26° 54	29° 4	12° 51	16° 35	7° 46	26° 30	15° 25	25° 8	14° 1	12° 47	4° 22	6° 11	W 7
T 8	11 1 131	17° 9'53	12° 8	28° 29	0° 19	13° 38	16° 45	7° 53	26° 33	15° 23	25° 9	14° R 2	12° 44	4° 29	6° 15	T 8
F 9	11 5 28	18° 9'45	24° 41	0° 5	1° 33	14° 25	16° 55	8° 1	26° 37	15° 22	25° 10	14° 1	12° 41	4° 36	6° 19	F 9
S 10	11 9 25	19° 9'35	7° 0	1° 42	2° 48	15° 12	17° 4	8° 8	26° 40	15° 20	25° 10	13° 59	12° 38	4° 42	6° 23	S 10
S 11	11 13 21	20° 9'23	19° 11	3° 21	4° 2	15° 59	17° 14	8° 15	26° 44	15° 19	25° 11	13° 54	12° 34	4° 49	6° 27	S 11
M 12	11 17 18	21° 9'09	1° 14	5° 0	5° 17	16° 46	17° 24	8° 22	26° 47	15° 18	25° 12	13° 46	12° 31	4° 56	6° 31	M 12
T 13	11 21 14	22° 8'52	13° 12	6° 41	6° 31	17° 34	17° 33	8° 29	26° 50	15° 16	25° 12	13° 35	12° 28	5° 2	6° 35	T 13
W 14	11 25 11	23° 8'34	25° 8	8° 23	7° 46	18° 21	17° 42	8° 37	26° 54	15° 15	25° 13	13° 22	12° 25	5° 9	6° 39	W 14
T 15	11 29 7	24° 8'13	7° 1	10° 6	9° 0	19° 8	17° 52	8° 44	26° 57	15° 14	25° 13	13° 9	12° 22	5° 16	6° 43	T 15
F 16	11 33 4	25° 7'51	18° 53	11° 51	10° 15	19° 54	18° 1	8° 51	27° 1	15° 13	25° 13	12° 56	12° 19	5° 23	6° 46	F 16
S 17	11 37 0	26° 7'27	0° 47	13° 37	11° 29	20° 41	18° 10	8° 58	27° 4	15° 12	25° 14	12° 44	12° 15	5° 29	6° 50	S 17
S 18	11 40 57	27° 7'01	12° 43	15° 24	12° 43	21° 28	18° 18	9° 5	27° 7	15° 10	25° 14	12° 34	12° 12	5° 36	6° 54	S 18
M 19	11 44 53	28° 6'33	24° 46	17° 12	13° 58	22° 15	18° 27	9° 12	27° 11	15° 9	25° 14	12° 26	12° 9	5° 43	6° 57	M 19
T 20	11 48 50	29° 6'03	6° 57	19° 2	15° 12	23° 2	18° 36	9° 19	27° 14	15° 8	25° 15	12° 22	12° 6	5° 50	7° 1	T 20
W 21	11 52 47	0° 5'31	19° 22	20° 53	16° 26	23° 49	18° 44	9° 26	27° 18	15° 7	25° 15	12° 20	12° 3	5° 56	7° 4	W 21
T 22	11 56 43	1° 4'58	2° 5	22° 45	17° 40	24° 36	18° 53	9° 33	27° 21	15° 6	25° 15	12° D20	11° 59	6° 3	7° 8	T 22
F 23	12 0 40	2° 4'23	15° 11	24° 38	18° 55	25° 23	19° 1	9° 40	27° 25	15° 5	25° 15	12° R20	11° 56	6° 10	7° 11	F 23
S 24	12 4 36	3° 3'46	28° 42	26° 33	20° 9	26° 9	19° 9	9° 47	27° 28	15° 4	25° 16	12° 19	11° 53	6° 16	7° 14	S 24
S 25	12 8 33	4° 3'08	12° 43	28° 29	21° 23	26° 56	19° 17	9° 54	27° 31	15° 3	25° 16	12° 16	11° 50	6° 23	7° 18	S 25
M 26	12 12 29	5° 2'27	27° 12	0° 26	22° 37	27° 43	19° 25	10° 1	27° 35	15° 2	25° 16	12° 11	11° 47	6° 30	7° 21	M 26
T 27	12 16 26	6° 1'45	12° 46	2° 25	23° 51	28° 29	19° 32	10° 8	27° 38	15° 1	25° 16	12° 3	11° 44	6° 37	7° 24	T 27
W 28	12 20 22	7° 1'01	27° 19	4° 24	25° 5	29° 16	19° 40	10° 15	27° 42	15° 0	25° R16	11° 53	11° 40	6° 43	7° 27	W 28
T 29	12 24 19	8° 0'14	12° 40	6° 25	26° 19	0° 3	19° 47	10° 21	27° 45	14° 59	25° 16	11° 42	11° 37	6° 50	7° 30	T 29
F 30	12 28 16	8° 59'26	27° 57	8° 27	27° 33	0° 49	19° 54	10° 28	27° 48	14° 58	25° 16	11° 31	11° 34	6° 57	7° 33	F 30
S 31	12 32 12	9° 58'36	12° 59	10° 30	28° 47	1° 36	20° 3	10° 35	27° 52	14° 57	25° 16	11° 21	11° 31	7° 3	7° 36	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s46	2s51	5s 0	17s 7	1s41	4s35	1s22	9s29	1s 1	22s32	0n 2	10s26	1s36	2s11	0s43	16n25	0n14
F 2	7 23	2n56	5 4	16 44	1 46	4 5	1 21	9 11	1 1	22 31	0 2	10 23	1 36	2 10	0 43	16 25	0 14
S 3	7 0	8 27	4 47	16 20	1 51	3 34	1 20	8 53	1 1	22 30	0 1	10 20	1 37	2 8	0 43	16 26	0 14
S 4	6 37	13 22	4 12	15 55	1 55	3 4	1 19	8 35	1 0	22 29	0 1	10 18	1 37	2 7	0 43	16 26	0 14
M 5	6 14	17 24	3 22	15 28	1 59	2 33	1 18	8 16	1 0	22 28	0 1	10 15	1 37	2 6	0 43	16 27	0 14
T 6	5 51	20 23	2 23	15 0	2 2	2 2	1 16	7 58	1 0	22 26	0 1	10 12	1 37	2 4	0 43	16 27	0 14
W 7	5 28	22 10	1 18	14 31	2 5	1 31	1 15	7 40	1 0	22 25	0 1	10 10	1 37	2 3	0 43	16 28	0 14
T 8	5 5	22 45	0 10	14 1	2 7	1 0	1 14	7 21	0 59	22 24	0 1	10 7	1 37	2 2	0 43	16 28	0 14
F 9	4 41	22 9	0n56	13 29	2 10	0 29	1 13	7 3	0 59	22 23	0 1	10 5	1 37	2 0	0 43	16 28	0 14
S 10	4 18	20 28	1 59	12 56	2 11	0n 2	1 11	6 44	0 59	22 22	0 1	10 2	1 37	1 59	0 43	16 29	0 14
S 11	3 54	17 52	2 55	12 21	2 13	0 33	1 10	6 26	0 59	22 21	0 1	9 59	1 37	1 58	0 43	16 29	0 14
M 12	3 31	14 31	3 43	11 46	2 14	1 3	1 8	6 7	0 58	22 20	0 1	9 57	1 37	1 56	0 43	16 30	0 14
T 13	3 7	10 37	4 20	11 9	2 14	1 34	1 7	5 49	0 58	22 19	0 0	9 54	1 37	1 55	0 43	16 30	0 14
W 14	2 44	6 19	4 46	10 30	2 14	2 5	1 5	5 30	0 58	22 17	0 0	9 51	1 37	1 53	0 43	16 30	0 14
T 15	2 20	1 48	4 59	9 51	2 14	2 36	1 3	5 11	0 57	22 16	0 0	9 49	1 37	1 52	0 43	16 31	0 14
F 16	1 56	2s47	4 59	9 10	2 13	3 7	1 2	4 52	0 57	22 15	0 0	9 46	1 38	1 51	0 43	16 31	0 14
S 17	1 33	7 17	4 46	8 28	2 11	3 38	1 0	4 34	0 57	22 14	0 0	9 44	1 38	1 49	0 43	16 31	0 14
S 18	1 9	11 32	4 21	7 45	2 9	4 8	0 58	4 15	0 56	22 13	0s 0	9 41	1 38	1 48	0 43	16 32	0 14
M 19	0 45	15 22	3 43	7 1	2 7	4 39	0 56	3 56	0 56	22 12	0 0	9 38	1 38	1 47	0 43	16 32	0 14
T 20	0 21	18 37	2 55	6 15	2 4	5 10	0 54	3 37	0 56	22 11	0 0	9 36	1 38	1 45	0 43	16 32	0 14
W 21	0n 2	21 5	1 58	5 28	2 1	5 40	0 52	3 18	0 55	22 10	0 0	9 33	1 38	1 44	0 43	16 33	0 14
T 22	0 26	22 33	0 54	4 40	1 57	6 10	0 50	2 59	0 55	22 9	0 1	9 31	1 38	1 42	0 43	16 33	0 14
F 23	0 50	22 51	0s15	3 51	1 52	6 40	0 48	2 40	0 55	22 8	0 1	9 28	1 38	1 41	0 43	16 33	0 14
S 24	1 13	21 50	1 25	3 1	1 48	7 10	0 46	2 22	0 54	22 7	0 1	9 26	1 38	1 40	0 43	16 34	0 14
S 25	1 37	19 28	2 33	2 10	1 42	7 40	0 44	2 3	0 54	22 6	0 1	9 23	1 38	1 38	0 43	16 34	0 14
M 26	2 0	15 48	3 33	1 18	1 36	8 10	0 42	1 44	0 53	22 5	0 1	9 21	1 39	1 37	0 43	16 34	0 14
T 27	2 24	11 2	4 21	0 25	1 30	8 39	0 40	1 25	0 53	22 4	0 1	9 18	1 39	1 36	0 43	16 35	0 14
W 28	2 47	5 31	4 51	0n29	1 23	9 9	0 37	1 6	0 53	22 3	0 1	9 16	1 39	1 34	0 43	16 35	0 14
T 29	3 11	0n24	5 0	1 24	1 15	9 38	0 35	0 47	0 52	22 2	0 1	9 13	1 39	1 33	0 43	16 35	0 14
F 30	3 34	6 16	4 48	2 20	1 7	10 6	0 33	0 28	0 52	22 1	0 1	9 11	1 39	1 32	0 43	16 35	0 14
S 31	3n57	11n41	4s16	3n16	0s59	10n35	0s30	0s 9	0s51	22s 0	0s 2	9s 8	1s39	1s30	0s43	16n36	0n14

Julian Day Number = 2363580.5, Delta T = 18.62 sec
 Ecliptic obliquity = 23°28'13", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°22'40", Lahiri = 20°29'41"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1759
geocentric

MAY 1759

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 34 25	10♈15'31	4♌0	29♊37	6♋41	25♌18	22♍21	13♎40	29♏29	14♐47	24♑58	8♒D23	9♓52	10♈32	8♉37	T 1
W 2	14 38 22	11°13'39	17°20	0♊6	7°54	26°3	22°23	13°45	29°32	14°47	24♑57	8♒23	9°49	10°39	8°38	W 2
T 3	14 42 18	12°11'45	0♊14	0°30	9°7	26°48	22°24	13°50	29°34	14°48	24°56	8°24	9°46	10°45	8°38	T 3
F 4	14 46 15	13°9'48	12°46	0°49	10°20	27°33	22°26	13°55	29°37	14°48	24°55	8°R24	9°43	10°52	8°39	F 4
S 5	14 50 11	14°7'50	25°2	1°2	11°32	28°18	22°27	14°0	29°40	14°48	24°54	8°24	9°40	10°59	8°40	S 5
S 6	14 54 8	15°5'50	7♎5	1°10	12°45	29°3	22°28	14°4	29°42	14°48	24°53	8°21	9°36	11°6	8°40	S 6
M 7	14 58 5	16°3'48	19°1	1°R13	13°57	29°48	22°28	14°9	29°45	14°49	24°52	8°16	9°33	11°12	8°41	M 7
T 8	15 2 1	17°1'44	0♌53	1°11	15°10	0♊33	22°29	14°14	29°48	14°49	24°51	8°10	9°30	11°19	8°41	T 8
W 9	15 5 58	17°59'39	12°44	1°5	16°22	1°17	22°29	14°18	29°50	14°50	24°50	8°1	9°27	11°26	8°42	W 9
T 10	15 9 54	18°57'32	24°39	0°53	17°34	2°2	22°30	14°23	29°53	14°50	24°49	7°52	9°24	11°32	8°42	T 10
F 11	15 13 51	19°55'23	6♎38	0°37	18°47	2°47	22°R30	14°27	29°55	14°51	24°47	7°43	9°21	11°39	8°42	F 11
S 12	15 17 47	20°53'13	18°44	0°18	19°59	3°31	22°29	14°31	29°58	14°51	24°46	7°35	9°17	11°46	8°43	S 12
S 13	15 21 44	21°51'01	0♌57	29♊54	21°11	4°16	22°29	14°35	29°59	14°52	24°45	7°28	9°14	11°53	8°43	S 13
M14	15 25 40	22°48'48	13°20	29°28	22°23	5°0	22°28	14°40	0♑2	14°52	24°44	7°23	9°11	11°59	8°R43	M14
T 15	15 29 37	23°46'33	25°52	28°58	23°35	5°45	22°28	14°44	0°5	14°53	24°42	7°21	9°8	12°6	8°43	T 15
W16	15 33 34	24°44'18	8♊35	28°27	24°48	6°29	22°27	14°48	0°7	14°53	24°41	7°D20	9°5	12°13	8°43	W16
T 17	15 37 30	25°42'01	21°32	27°54	26°0	7°14	22°26	14°52	0°9	14°54	24°40	7°21	9°2	12°20	8°43	T 17
F 18	15 41 27	26°39'43	4♌45	27°20	27°11	7°58	22°24	14°55	0°12	14°55	24°39	7°22	8°58	12°26	8°42	F 18
S 19	15 45 23	27°37'24	18°14	26°45	28°23	8°42	22°23	14°59	0°14	14°56	24°37	7°23	8°55	12°33	8°42	S 19
S 20	15 49 20	28°35'04	2♊2	26°11	29°35	9°27	22°21	15°3	0°16	14°56	24°36	7°R24	8°52	12°40	8°42	S 20
M21	15 53 16	29°32'43	16°9	25°37	0♊47	10°11	22°19	15°6	0°18	14°57	24°34	7°23	8°49	12°46	8°41	M21
T 22	15 57 13	0♊30'21	0♑34	25°5	1°59	10°55	22°17	15°10	0°20	14°58	24°33	7°20	8°46	12°53	8°41	T 22
W23	16 1 9	1°27'58	15°13	24°35	3°11	11°39	22°15	15°13	0°22	14°59	24°32	7°16	8°42	13°0	8°40	W23
T 24	16 5 6	2°25'34	0♊2	24°7	4°22	12°23	22°12	15°17	0°24	15°0	24°30	7°11	8°39	13°7	8°40	T 24
F 25	16 9 3	3°23'09	14°52	23°42	5°34	13°7	22°10	15°20	0°26	15°1	24°29	7°6	8°36	13°13	8°39	F 25
S 26	16 12 59	4°20'43	29°36	23°20	6°45	13°51	22°7	15°23	0°28	15°2	24°27	7°2	8°33	13°20	8°38	S 26
S 27	16 16 56	5°18'16	14♋6	23°1	7°57	14°35	22°4	15°26	0°30	15°3	24°26	6°59	8°30	13°27	8°37	S 27
M28	16 20 52	6°15'48	28°16	22°47	9°8	15°18	22°1	15°29	0°32	15°4	24°25	6°57	8°27	13°33	8°36	M28
T 29	16 24 49	7°13'19	12♊3	22°36	10°20	16°2	21°58	15°32	0°34	15°5	24°23	6°D57	8°23	13°40	8°35	T 29
W30	16 28 45	8°10'49	25°25	22°30	11°31	16°46	21°54	15°35	0°35	15°6	24°22	6°58	8°20	13°47	8°34	W30
T 31	16 32 42	9♋8'17	8♊23	22°D28	12♊42	17♊29	21♊50	15♋38	0♑37	15♊7	24♑20	6♊59	8♊17	13♊54	8♋33	T 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
T 1	14n55	23n 1	0s23	22n37	2n35	22n18	0n51	9n14	0s36	21s42	0s 6	8s 2	1s44	0s52	0s43	16n39	0n14	16s14	7n 9	23n12	23n 6	0n34	11s23	6n59
W 2	15 13	23 8	0n48	22 38	2 30	22 32	0 54	9 31	0 36	21 42	0 6	8 0	1 44	0 51	0 43	16 39	0 14	16 13	7 9	23 12	23 6	0 31	11 22	6 59
T 3	15 31	21 59	1 54	22 38	2 24	22 47	0 56	9 48	0 35	21 42	0 6	7 59	1 45	0 50	0 43	16 39	0 14	16 13	7 9	23 12	23 7	0 28	11 22	7 0
F 4	15 49	19 46	2 53	22 34	2 17	23 0	0 59	10 5	0 35	21 42	0 6	6 57	1 45	0 49	0 43	16 39	0 14	16 13	7 9	23 12	23 7	0 26	11 21	7 0
S 5	16 6	16 42	3 43	22 29	2 8	23 13	1 1	10 21	0 34	21 42	0 6	7 55	1 45	0 48	0 43	16 38	0 14	16 13	7 9	23 12	23 7	0 23	11 20	7 1
S 6	16 23	12 58	4 22	22 21	1 58	23 25	1 4	10 38	0 33	21 42	0 6	7 54	1 45	0 47	0 43	16 38	0 14	16 13	7 10	23 12	23 7	0 20	11 20	7 1
M 7	16 40	8 47	4 49	22 11	1 48	23 36	1 6	10 54	0 33	21 42	0 6	7 52	1 45	0 46	0 43	16 38	0 14	16 13	7 10	23 13	23 8	0 18	11 19	7 2
T 8	16 57	4 18	5 4	21 59	1 36	23 47	1 9	11 10	0 32	21 42	0 7	7 50	1 46	0 45	0 43	16 38	0 14	16 13	7 10	23 13	23 8	0 15	11 19	7 2
W 9	17 13	0s21	5 5	21 45	1 23	23 57	1 11	11 27	0 32	21 42	0 7	7 49	1 46	0 44	0 43	16 38	0 14	16 13	7 10	23 14	23 8	0 12	11 18	7 3
T 10	17 29	5 1	4 53	21 29	1 9	24 7	1 14	11 43	0 31	21 42	0 7	7 47	1 46	0 43	0 43	16 38	0 14	16 13	7 10	23 14	23 8	0 10	11 18	7 3
F 11	17 45	9 31	4 29	21 12	0 54	24 15	1 16	11 59	0 30	21 42	0 7	7 46	1 46	0 42	0 43	16 38	0 14	16 13	7 10	23 15	23 8	0 7	11 17	7 4
S 12	18 0	13 42	3 52	20 52	0 39	24 23	1 18	12 14	0 30	21 43	0 7	7 44	1 46	0 41	0 43	16 38	0 14	16 13	7 10	23 15	23 9	0 5	11 16	7 4
S 13	18 15	17 23	3 3	20 32	0 23	24 31	1 20	12 30	0 29	21 43	0 7	7 43	1 47	0 40	0 43	16 37	0 14	16 12	7 10	23 16	23 9	0 2	11 16	7 5
M14	18 30	20 21	2 6	20 10	0 6	24 37	1 23	12 45	0 29	21 43	0 7	7 41	1 47	0 39	0 43	16 37	0 14	16 12	7 10	23 16	23 9	0s 1	11 16	7 5
T 15	18 44	22 23	1 2	19 46	0s11	24 43	1 25	13 1	0 28	21 43	0 8	7 40	1 47	0 38	0 44	16 37	0 14	16 12	7 10	23 16	23 9	0 3	11 15	7 6
W16	18 59	23 18	0s 7	19 23	0 29	24 49	1 27	13 16	0 27	21 44	0 8	7 39	1 47	0 37	0 44	16 37	0 14	16 12	7 10	23 16	23 10	0 6	11 15	7 6
T 17	19 13	23 0	1 16	18 58	0 46	24 53	1 29	13 31	0 27	21 44	0 8	7 37	1 48	0 36	0 44	16 37	0 14	16 12	7 10	23 16	23 10	0 9	11 14	7 7
F 18	19 26	21 25	2 23	18 33	1 4	24 57	1 31	13 46	0 26	21 44	0 8	7 36	1 48	0 35	0 44	16 37	0 14	16 12	7 10	23 16	23 10	0 11	11 14	7 7
S 19	19 39	18 37	3 24	18 9	1 21	25 0	1 33	14 1	0 26	21 45	0 8	7 35	1 48	0 35	0 44	16 36	0 14	16 12	7 10	23 16	23 10	0 14	11 13	7 8
S 20	19 52	14 43	4 14	17 44	1 38	25 3	1 35	14 16	0 25	21 45	0 8	7 34	1 48	0 34	0 44	16 36	0 14	16 12	7 10	23 16	23 10	0 17	11 13	7 8
M21	20 5	9 55	4 50	17 20	1 54	25 4	1 36	14 30	0 24	21 46	0 9	7 32	1 48	0 33	0 44	16 36	0 14	16 12	7 10	23 16	23 11	0 19	11 13	7 8
T 22	20 17	4 30	5 9	16 57	2 10	25 5	1 38	14 45	0 24	21 46	0 9	7 31	1 49	0 32	0 44	16 36	0 14	16 12	7 10	23 16	23 11	0 22	11 12	7 9
W23	20 29	1n16	5 8	16 36	2 25	25 6	1 40	14 59	0 23	21 47	0 9	7 30	1 49	0 31	0 44	16 35	0 14	16 12	7 10	23 16	23 11	0 25	11 12	7 9
T 24	20 40	7 1	4 47	16 15	2 39	25 5	1 42	15 13	0 22	21 47	0 9	7 29	1 49	0 31	0 44	16 35	0 14	16 12	7 10	23 17	23 11	0 27	11 12	7 10
F 25	20 52	12 24	4 6	15 56	2 52	25 4	1 43	15 27	0 22	21 48	0 9	7 28	1 49	0 30	0 44	16 35	0 14	16 12	7 10	23 17	23 11	0 30	11 12	7 10
S 26	21 2	17 0	3 10	15 39	3 4	25 2	1 45	15 41	0 21	21 48	0 9	7 27	1 50	0 29	0 44	16 35	0 14	16 12	7 10	23 17	23 12	0 33	11 11	7 11
S 27	21 13	20 31	2 2	15 24	3 15	25 0	1 46	15 54	0 21	21 49	0 10	7 26	1 50	0 28	0 44	16 34	0 14	16 12	7 10	23 17	23 12	0 35	11 11	7 11
M28	21 23	22 40	0 47	15 11	3 25	24 57	1 47	16 8	0 20	21 50	0 10	7 25	1 50	0 28	0 44	16 34	0 14	16 12	7 10	23 17	23 12	0 38	11 11	7 12
T 29	21 33	23 23	0n28	15 0	3 33	24 53	1 49	16 21	0 19	21 50	0 10	7 24	1 50	0 27	0 44	16 34	0 14	16 12	7 10	23 17	23 12	0 41	11 11	7 12
W30	21 42	22 43	1 39	14 52	3 41	24 58	1 50	16 34	0 19	21 51	0 10	7 23	1 51	0 26	0 44	16 33	0 14	16 12	7 10	23 17	23 12	0 43	11 11	7 13
T 31	21n51	20n50	2n44	14n45	3s47	24n42	1n51	16n47	0s18	21s52	0s10	7s23	1s51	0s26	0s44	16n33	0n14	16s12	7n10	23n17	23n13	0s46	11s10	7n13

ASTRODIENST EPHEMERIS for the year 1759

geocentric

JUNE 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 36 39	10 ^{II} 5'44	20 ^{II} 59	22 ^{II} 30	13 ^{II} 53	18 ^{II} 13	21 ^{II} R46	15 ^{II} 40	0 ^{II} 39	15 ^{II} 8	24 ^{II} R19	7 ^{II} 1	8 ^{II} 14	14 ^{II} 0	8 ^{II} R32	F 1
S 2	16 40 35	11° 3'10	3 ^{II} 18	22° 37	15° 5	18° 56	21 ^{II} 42	15° 43	0° 41	15° 9	24 ^{II} 17	7° 2	8° 11	14° 7	8 ^{II} 31	S 2
S 3	16 44 32	12° 0'35	15° 23	22° 48	16° 16	19° 40	21° 38	15° 45	0° 42	15° 10	24° 16	7° R 2	8° 8	14° 14	8° 30	S 3
M 4	16 48 28	12° 57'58	27° 20	23° 4	17° 27	20° 23	21° 34	15° 47	0° 44	15° 12	24° 14	7° 1	8° 4	14° 21	8° 28	M 4
T 5	16 52 25	13° 55'20	9 ^{II} 13	23° 25	18° 37	21° 6	21° 29	15° 50	0° 45	15° 13	24° 13	6° 59	8° 1	14° 27	8° 27	T 5
W 6	16 56 21	14° 52'42	21° 7	23° 49	19° 48	21° 50	21° 25	15° 52	0° 47	15° 14	24° 11	6° 57	7° 58	14° 34	8° 25	W 6
T 7	17 0 18	15° 50'02	3 ^{II} 4	24° 18	20° 59	22° 33	21° 20	15° 54	0° 48	15° 15	24° 9	6° 53	7° 55	14° 41	8° 24	T 7
F 8	17 4 14	16° 47'22	15° 8	24° 52	22° 10	23° 16	21° 15	15° 56	0° 49	15° 17	24° 8	6° 50	7° 52	14° 47	8° 22	F 8
S 9	17 8 11	17° 44'40	27° 22	25° 29	23° 20	23° 59	21° 10	15° 58	0° 51	15° 18	24° 6	6° 47	7° 48	14° 54	8° 21	S 9
S 10	17 12 7	18° 41'58	9 ^{II} 48	26° 11	24° 31	24° 42	21° 5	15° 59	0° 52	15° 19	24° 5	6° 45	7° 45	15° 1	8° 19	S 10
M 11	17 16 4	19° 39'15	22° 25	26° 57	25° 41	25° 25	20° 59	16° 1	0° 53	15° 21	24° 3	6° 44	7° 42	15° 8	8° 17	M 11
T 12	17 20 1	20° 36'32	5 ^{II} 16	27° 46	26° 52	26° 8	20° 54	16° 3	0° 55	15° 22	24° 2	6° D43	7° 39	15° 14	8° 15	T 12
W 13	17 23 57	21° 33'48	18° 21	28° 40	28° 2	26° 51	20° 48	16° 4	0° 56	15° 24	24° 0	6° 43	7° 36	15° 21	8° 13	W 13
T 14	17 27 54	22° 31'03	1 ^{II} 38	29° 37	29° 12	27° 34	20° 42	16° 6	0° 57	15° 25	23° 59	6° 44	7° 33	15° 28	8° 11	T 14
F 15	17 31 50	23° 28'19	15° 9	0 ^{II} 38	0 ^{II} 23	28° 16	20° 36	16° 7	0° 58	15° 27	23° 57	6° 45	7° 29	15° 34	8° 9	F 15
S 16	17 35 47	24° 25'33	28° 53	1° 43	1° 33	28° 59	20° 30	16° 8	0° 59	15° 28	23° 55	6° 46	7° 26	15° 41	8° 7	S 16
S 17	17 39 43	25° 22'48	12 ^{II} 48	2° 51	2° 43	29° 42	20° 24	16° 9	1° 0	15° 30	23° 54	6° 47	7° 23	15° 48	8° 5	S 17
M 18	17 43 40	26° 20'02	26° 54	4° 3	3° 53	0 ^{II} 24	20° 18	16° 10	1° 1	15° 31	23° 52	6° R47	7° 20	15° 55	8° 3	M 18
T 19	17 47 37	27° 17'17	11 ^{II} 10	5° 19	5° 3	1° 7	20° 11	16° 11	1° 2	15° 33	23° 51	6° 47	7° 17	16° 1	8° 1	T 19
W 20	17 51 33	28° 14'31	25° 31	6° 38	6° 12	1° 49	20° 5	16° 12	1° 2	15° 34	23° 49	6° 46	7° 14	16° 8	7° 59	W 20
T 21	17 55 30	29° 11'45	9 ^{II} 56	8° 0	7° 22	2° 32	19° 58	16° 12	1° 3	15° 36	23° 48	6° 46	7° 10	16° 15	7° 56	T 21
F 22	17 59 26	0 ^{II} 8'59	24° 20	9° 26	8° 32	3° 14	19° 51	16° 13	1° 4	15° 38	23° 46	6° 45	7° 7	16° 22	7° 54	F 22
S 23	18 3 23	1° 6'13	8 ^{II} 37	10° 55	9° 41	3° 56	19° 44	16° 14	1° 5	15° 39	23° 44	6° 44	7° 4	16° 28	7° 51	S 23
S 24	18 7 19	2° 3'27	22° 44	12° 27	10° 50	4° 39	19° 37	16° 14	1° 5	15° 41	23° 43	6° 44	7° 1	16° 35	7° 49	S 24
M 25	18 11 16	3° 0'41	6 ^{II} 36	14° 3	12° 0	5° 21	19° 30	16° 14	1° 6	15° 43	23° 41	6° D44	6° 58	16° 42	7° 46	M 25
T 26	18 15 12	3° 57'55	20° 10	15° 42	13° 9	6° 3	19° 23	16° 14	1° 6	15° 45	23° 40	6° 44	6° 54	16° 48	7° 44	T 26
W 27	18 19 9	4° 55'08	3 ^{II} 25	17° 24	14° 18	6° 45	19° 16	16° R14	1° 7	15° 46	23° 38	6° 44	6° 51	16° 55	7° 41	W 27
T 28	18 23 6	5° 52'21	16° 20	19° 10	15° 27	7° 27	19° 9	16° 14	1° 7	15° 48	23° 37	6° 44	6° 48	17° 2	7° 39	T 28
F 29	18 27 2	6° 49'34	28° 56	20° 58	16° 36	8° 9	19° 1	16° 14	1° 8	15° 50	23° 35	6° R44	6° 45	17° 9	7° 36	F 29
S 30	18 30 59	7° 46'46	11 ^{II} 16	22 ^{II} 49	17° 45	8 ^{II} 51	18° 54	16° 14	1° 8	15° 52	23° 34	6° 44	6° 42	17° 15	7° 33	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 0	17n58	3n38	14n41	3s52	24n36	1n52	17n 0	0s17	21s53	0s10	7s22	1s51	0s25	0s44	16n33	0n14	16s12	7n10	23n17	23n13	0s49	11s10	7n13	
S 2	22 8	14 22	4 21	14 39	3 56	24 30	1 53	17 12	0 17	21 53	0 10	7 21	1 51	0 24	0 44	16 32	0 14	16 12	7 10	23 17	23 13	0 51	11 10	7 14	
S 3	22 16	10 15	4 52	14 39	3 58	24 22	1 54	17 25	0 16	21 54	0 11	7 20	1 51	0 24	0 44	16 32	0 14	16 12	7 10	23 17	23 13	0 54	11 10	7 14	
M 4	22 23	5 47	5 10	14 42	4 0	24 14	1 55	17 37	0 15	21 55	0 11	7 20	1 52	0 23	0 44	16 32	0 14	16 12	7 10	23 17	23 13	0 57	11 10	7 15	
T 5	22 30	1 9	5 14	14 46	4 0	24 5	1 56	17 49	0 15	21 56	0 11	7 19	1 52	0 22	0 44	16 31	0 14	16 11	7 9	23 17	23 14	0 59	11 10	7 15	
W 6	22 37	3s32	5 4	14 53	4 0	23 56	1 57	18 1	0 14	21 57	0 11	7 18	1 52	0 22	0 44	16 31	0 14	16 11	7 9	23 17	23 14	1 2	11 10	7 16	
T 7	22 43	8 8	4 42	15 1	3 59	23 46	1 57	18 13	0 13	21 58	0 11	7 18	1 52	0 21	0 44	16 31	0 14	16 11	7 9	23 17	23 14	1 5	11 10	7 16	
F 8	22 49	12 28	4 7	15 11	3 56	23 35	1 58	18 24	0 13	21 59	0 11	7 17	1 53	0 21	0 44	16 30	0 14	16 11	7 9	23 18	23 14	1 7	11 10	7 16	
S 9	22 54	16 21	3 20	15 23	3 53	23 23	1 58	18 36	0 12	22 0	0 12	7 17	1 53	0 20	0 44	16 30	0 14	16 12	7 9	23 18	23 14	1 10	11 10	7 17	
S 10	22 59	19 35	2 23	15 37	3 49	23 11	1 59	18 47	0 11	22 1	0 12	7 16	1 53	0 20	0 44	16 29	0 14	16 12	7 9	23 18	23 15	1 13	11 10	7 17	
M11	23 4	21 57	1 18	15 52	3 44	22 59	1 59	18 58	0 11	22 2	0 12	7 16	1 53	0 19	0 44	16 29	0 14	16 12	7 9	23 18	23 15	1 15	11 10	7 17	
T 12	23 8	23 14	0 8	16 9	3 38	22 46	1 59	19 9	0 10	22 3	0 12	7 15	1 54	0 19	0 44	16 29	0 14	16 12	7 9	23 18	23 15	1 18	11 10	7 18	
W13	23 12	23 16	1s 4	16 26	3 32	22 32	1 59	19 19	0 9	22 4	0 12	7 15	1 54	0 19	0 44	16 28	0 14	16 12	7 9	23 18	23 15	1 21	11 10	7 18	
T 14	23 16	21 59	2 13	16 46	3 25	22 17	1 59	19 30	0 9	22 5	0 12	7 15	1 54	0 18	0 44	16 28	0 14	16 12	7 9	23 18	23 15	1 23	11 10	7 19	
F 15	23 19	19 27	3 17	17 6	3 17	22 2	1 59	19 40	0 8	22 6	0 13	7 15	1 54	0 18	0 44	16 27	0 14	16 12	7 9	23 18	23 15	1 26	11 11	7 19	
S 16	23 21	15 47	4 10	17 27	3 9	21 46	1 59	19 50	0 7	22 7	0 13	7 14	1 55	0 17	0 45	16 27	0 14	16 12	7 9	23 18	23 16	1 29	11 11	7 19	
S 17	23 23	11 13	4 49	17 49	3 0	21 30	1 59	20 0	0 7	22 8	0 13	7 14	1 55	0 17	0 45	16 26	0 14	16 12	7 8	23 18	23 16	1 32	11 11	7 20	
M18	23 25	6 0	5 12	18 11	2 51	21 14	1 58	20 10	0 6	22 9	0 13	7 14	1 55	0 17	0 45	16 26	0 14	16 12	7 8	23 18	23 16	1 34	11 11	7 20	
T 19	23 27	0 25	5 15	18 35	2 41	20 56	1 58	20 19	0 5	22 10	0 13	7 14	1 55	0 16	0 45	16 25	0 14	16 12	7 8	23 18	23 16	1 37	11 11	7 20	
W20	23 27	5n14	5 0	18 58	2 31	20 38	1 57	20 29	0 5	22 11	0 13	7 14	1 56	0 16	0 45	16 25	0 14	16 12	7 8	23 18	23 16	1 40	11 12	7 21	
T 21	23 28	10 37	4 25	19 22	2 20	20 20	1 57	20 38	0 4	22 12	0 14	7 14	1 56	0 16	0 45	16 25	0 14	16 12	7 8	23 18	23 17	1 42	11 12	7 21	
F 22	23 28	15 25	3 34	19 46	2 9	20 1	1 56	20 47	0 3	22 14	0 14	7 14	1 56	0 16	0 45	16 24	0 14	16 12	7 8	23 18	23 17	1 45	11 12	7 21	
S 23	23 28	19 18	2 30	20 10	1 58	19 42	1 55	20 55	0 3	22 15	0 14	7 14	1 56	0 15	0 45	16 24	0 14	16 12	7 8	23 18	23 17	1 48	11 12	7 22	
S 24	23 27	22 0	1 17	20 34	1 46	19 22	1 54	21 4	0 2	22 16	0 14	7 14	1 57	0 15	0 45	16 23	0 14	16 12	7 8	23 18	23 17	1 50	11 13	7 22	
M25	23 26	23 18	0 1	20 57	1 34	19 2	1 53	21 12	0 1	22 17	0 14	7 14	1 57	0 15	0 45	16 23	0 14	16 12	7 7	23 18	23 17	1 53	11 13	7 22	
T 26	23 25	23 10	1n14	21 20	1 22	18 41	1 52	21 20	0 1	22 18	0 14	7 14	1 57	0 15	0 45	16 22	0 14	16 12	7 7	23 18	23 17	1 56	11 13	7 23	
W27	23 23	21 44	2 23	21 42	1 10	18 20	1 51	21 28	0n 0	22 19	0 14	7 14	1 58	0 15	0 45	16 22	0 14	16 12	7 7	23 18	23 18	1 58	11 14	7 23	
T 28	23 20	19 11	3 22	22 4	0 58	17 58	1 49	21 36	0 1	22 21	0 15	7 15	1 58	0 14	0 45	16 21	0 14	16 12	7 7	23 18	23 18	2	1 11 14	7 23	
F 29	23 18	15 46	4 11	22 24	0 46	17 36	1 48	21 43	0 2	22 22	0 15	7 15	1 58	0 14	0 45	16 20	0 14	16 12	7 7	23 18	23 18	2 4	11 15	7 23	
S 30	23n14	11n45	4n46	22n43	0s34	17n13	1n46	21n50	0n 2	22s23	0s15	7s15	1s58	0s14	0s45	16n20	0n14	16s13	7n 7	23n18	23n18	2s 7	11s15	7n24	

ASTRODIENST EPHEMERIS for the year 1759
geocentric

JULY 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 55	8♂43'58	23♂23	24♂43	18♂54	9♂33	18♂R46	16♂R14	1♂Y 8	15♂L54	23♂R32	6♂R44	6♂39	17♂22	7♂R30	S 1
M 2	18 38 52	9♂41'10	5♂21	26♂39	20° 2	10°14	18♂39	16♂H13	1° 9	15°55	23♂31	6♂D44	6°35	17°29	7♂28	M 2
T 3	18 42 48	10♂38'22	17°15	28♂38	21°11	10°56	18°31	16°13	1° 9	15°57	23°29	6♂44	6°32	17°35	7°25	T 3
W 4	18 46 45	11♂35'33	29° 9	0♂40	22°19	11°38	18°24	16°12	1° 9	15°59	23°28	6°44	6°29	17°42	7°22	W 4
T 5	18 50 41	12♂32'45	11♂8	2°43	23°27	12°19	18°16	16°12	1° 9	16° 1	23°26	6°45	6°26	17°49	7°19	T 5
F 6	18 54 38	13♂29'56	23°15	4°48	24°36	13° 1	18° 8	16°11	1° 9	16° 3	23°25	6°45	6°23	17°56	7°16	F 6
S 7	18 58 35	14♂27'07	5♂35	6°54	25°44	13°42	18° 1	16°10	1°R 9	16° 5	23°24	6°46	6°20	18° 2	7°13	S 7
S 8	19 2 31	15°24'18	18°10	9° 1	26°51	14°24	17°53	16° 9	1° 9	16° 7	23°22	6°47	6°16	18° 9	7°10	S 8
M 9	19 6 28	16°21'30	1♂3	11°10	27°59	15° 5	17°45	16° 8	1° 9	16° 9	23°21	6°R47	6°13	18°16	7° 7	M 9
T 10	19 10 24	17°18'41	14°13	13°19	29° 7	15°46	17°38	16° 7	1° 9	16°11	23°19	6°47	6°10	18°23	7° 4	T 10
W11	19 14 21	18°15'53	27°41	15°28	0♂14	16°27	17°30	16° 5	1° 9	16°13	23°18	6°46	6° 7	18°29	7° 1	W11
T 12	19 18 17	19°13'05	11♂24	17°37	1°22	17° 9	17°22	16° 4	1° 8	16°15	23°17	6°45	6° 4	18°36	6°58	T 12
F 13	19 22 14	20°10'18	25°21	19°46	2°29	17°50	17°15	16° 2	1° 8	16°17	23°15	6°44	6° 0	18°43	6°55	F 13
S 14	19 26 10	21° 7'31	9♂28	21°54	3°36	18°31	17° 7	16° 1	1° 8	16°19	23°14	6°42	5°57	18°49	6°52	S 14
S 15	19 30 7	22° 4'44	23°41	24° 1	4°43	19°12	16°59	15°59	1° 7	16°21	23°13	6°40	5°54	18°56	6°48	S 15
M16	19 34 4	23° 1'59	7♂57	26° 8	5°50	19°53	16°51	15°57	1° 7	16°23	23°11	6°39	5°51	19° 3	6°45	M16
T 17	19 38 0	23°59'14	22°13	28°13	6°56	20°34	16°44	15°56	1° 6	16°25	23°10	6°D39	5°48	19°10	6°42	T 17
W18	19 41 57	24°56'30	6♂25	0♂17	8° 3	21°14	16°36	15°54	1° 6	16°27	23° 9	6°39	5°45	19°16	6°39	W18
T 19	19 45 53	25°53'47	20°32	2°20	9° 9	21°55	16°29	15°52	1° 5	16°29	23° 7	6°40	5°41	19°23	6°35	T 19
F 20	19 49 50	26°51'05	4♂32	4°22	10°15	22°36	16°21	15°49	1° 5	16°31	23° 6	6°41	5°38	19°30	6°32	F 20
S 21	19 53 46	27°48'24	18°22	6°22	11°21	23°16	16°14	15°47	1° 4	16°34	23° 5	6°42	5°35	19°36	6°29	S 21
S 22	19 57 43	28°45'43	2♂2	8°20	12°27	23°57	16° 6	15°45	1° 3	16°36	23° 4	6°R43	5°32	19°43	6°26	S 22
M23	20 1 39	29°43'04	15°30	10°17	13°33	24°38	15°59	15°43	1° 3	16°38	23° 3	6°43	5°29	19°50	6°22	M23
T 24	20 5 36	0♂40'25	28°44	12°12	14°38	25°18	15°52	15°40	1° 2	16°40	23° 1	6°42	5°26	19°57	6°19	T 24
W25	20 9 33	1°37'47	11♂44	14° 5	15°43	25°58	15°44	15°38	1° 1	16°42	23° 0	6°39	5°22	20° 3	6°16	W25
T 26	20 13 29	2°35'09	24°28	15°57	16°48	26°39	15°37	15°35	1° 0	16°44	22°59	6°36	5°19	20°10	6°12	T 26
F 27	20 17 26	3°32'32	6♂58	17°47	17°53	27°19	15°30	15°32	0°59	16°47	22°58	6°31	5°16	20°17	6° 9	F 27
S 28	20 21 22	4°29'56	19°15	19°35	18°58	27°59	15°23	15°29	0°58	16°49	22°57	6°27	5°13	20°24	6° 6	S 28
S 29	20 25 19	5°27'20	1♂21	21°22	20° 2	28°39	15°17	15°26	0°57	16°51	22°56	6°23	5°10	20°30	6° 2	S 29
M30	20 29 15	6°24'45	13°18	23° 7	21° 7	29°19	15°10	15°23	0°56	16°53	22°55	6°19	5° 6	20°37	5°59	M30
T 31	20 33 12	7♂22'11	25♂11	24♂50	22♂11	29♂59	15♂3	15♂20	0°Y55	16♂L55	22♂54	6♂17	5♂3	20♂44	5♂56	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	23n11	7n21 5n 8	23n 0	0s22	16n50	1n45	21n57	0n 3	22s24	0s15	7s16	1s59	0s14	0s45	16n19	0n14
M 2	23 7	2 43 5 17	23 16	0 10	16 27	1 43	22 4	0 4	22 25	0 15	7 16	1 59	0 14	0 45	16 19	0 14
T 3	23 3	1s59 5 12	23 29	0n 1	16 3	1 41	22 11	0 4	22 26	0 15	7 16	1 59	0 14	0 45	16 18	0 14
W 4	22 58	6 37 4 53	23 41	0 13	15 39	1 39	22 17	0 5	22 28	0 16	7 17	1 59	0 14	0 45	16 18	0 14
T 5	22 53	11 2 4 22	23 50	0 23	15 15	1 37	22 24	0 6	22 29	0 16	7 17	2 0	0 14	0 45	16 17	0 14
F 6	22 47	15 5 3 38	23 57	0 34	14 50	1 35	22 30	0 6	22 30	0 16	7 18	2 0	0 14	0 45	16 17	0 14
S 7	22 41	18 34 2 44	24 1	0 44	14 25	1 33	22 36	0 7	22 31	0 16	7 18	2 0	0 14	0 45	16 16	0 14
S 8	22 35	21 16 1 41	24 3	0 53	13 59	1 30	22 41	0 8	22 32	0 16	7 19	2 0	0 14	0 45	16 15	0 14
M 9	22 28	22 56 0 32	24 1	1 2	13 34	1 28	22 47	0 9	22 34	0 16	7 20	2 0	0 14	0 45	16 15	0 15
T 10	22 21	23 23 0s41	23 57	1 10	13 8	1 25	22 52	0 9	22 35	0 16	7 20	2 1	0 14	0 45	16 14	0 15
W11	22 13	22 30 1 53	23 51	1 17	12 41	1 23	22 57	0 10	22 36	0 17	7 21	2 1	0 14	0 45	16 14	0 15
T 12	22 5	20 16 3 0	23 41	1 23	12 15	1 20	23 1	0 11	22 37	0 17	7 22	2 1	0 14	0 45	16 13	0 15
F 13	21 57	16 48 3 57	23 29	1 29	11 48	1 17	23 6	0 11	22 38	0 17	7 23	2 1	0 15	0 45	16 12	0 15
S 14	21 49	12 22 4 41	23 14	1 34	11 21	1 14	23 10	0 12	22 39	0 17	7 24	2 2	0 15	0 45	16 12	0 15
S 15	21 39	7 13 5 7	22 57	1 38	10 54	1 11	23 15	0 13	22 40	0 17	7 24	2 2	0 15	0 46	16 11	0 15
M16	21 30	1 40 5 15	22 37	1 42	10 26	1 8	23 18	0 13	22 41	0 17	7 25	2 2	0 15	0 46	16 11	0 15
T 17	21 20	3n57 5 4	22 15	1 44	9 58	1 4	23 22	0 14	22 43	0 17	7 26	2 2	0 15	0 46	16 10	0 15
W18	21 10	9 22 4 34	21 51	1 46	9 30	1 1	23 26	0 15	22 44	0 18	7 27	2 3	0 16	0 46	16 9	0 15
T 19	21 0	14 15 3 48	21 25	1 48	9 2	0 57	23 29	0 16	22 45	0 18	7 28	2 3	0 16	0 46	16 9	0 15
F 20	20 49	18 19 2 48	20 57	1 48	8 34	0 54	23 32	0 16	22 46	0 18	7 29	2 3	0 16	0 46	16 8	0 15
S 21	20 38	21 19 1 39	20 27	1 48	8 5	0 50	23 35	0 17	22 47	0 18	7 30	2 3	0 16	0 46	16 8	0 15
S 22	20 26	23 2 0 26	19 56	1 47	7 36	0 46	23 38	0 18	22 48	0 18	7 31	2 4	0 17	0 46	16 7	0 15
M23	20 14	23 22 0n48	19 23	1 46	7 8	0 42	23 40	0 19	22 49	0 18	7 33	2 4	0 17	0 46	16 6	0 15
T 24	20 2	22 22 1 58	18 49	1 44	6 39	0 38	23 42	0 19	22 50	0 18	7 34	2 4	0 17	0 46	16 6	0 15
W25	19 49	20 11 3 0	18 14	1 41	6 10	0 34	23 44	0 20	22 51	0 18	7 35	2 4	0 18	0 46	16 5	0 15
T 26	19 36	17 2 3 52	17 38	1 38	5 40	0 30	23 46	0 21	22 52	0 19	7 36	2 4	0 18	0 46	16 4	0 15
F 27	19 23	13 10 4 32	17 1	1 35	5 11	0 25	23 48	0 21	22 53	0 19	7 37	2 5	0 19	0 46	16 4	0 15
S 28	19 10	8 50 4 59	16 24	1 30	4 42	0 21	23 49	0 22	22 54	0 19	7 39	2 5	0 19	0 46	16 3	0 15
S 29	18 56	4 13 5 11	15 45	1 26	4 12	0 16	23 51	0 23	22 54	0 19	7 40	2 5	0 19	0 46	16 2	0 15
M30	18 42	0s30 5 10	15 6	1 21	3 43	0 12	23 52	0 24	22 55	0 19	7 41	2 5	0 20	0 46	16 2	0 15
T 31	18n27	5s10 4n56	14n27	1n15	3n13	0n 7	23n53	0n24	22s56	0s19	7s43	2s 5	0s20	0s46	16n 1	0n15

Julian Day Number = 2363702.5, Delta T = 18.71 sec
Ecliptic obliquity = 23°28'13", Nutation = - 0°00'17", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°22'57", Lahiri = 20°29'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1759

geocentric

AUGUST 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 37 8	8♂19'38	7♂ 4	26♂32	23♂15	0♂39	14♂R57	15♂R17	0♂R54	16♂L57	22♂R53	6♂D16	5♂ 0	20♂50	5♂R52	W 1
T 2	20 41 5	9♂17'05	19♂ 2	28♂12	24♂18	1♂19	14♂S50	15♂H14	0♂Y53	17♂ 0	22♂X52	6♂B17	4♂57	20♂57	5♂X49	T 2
F 3	20 45 2	10♂14'33	1♂X 9	29♂50	25♂22	1♂59	14♂44	15♂11	0♂51	17♂ 2	22♂51	6♂18	4♂54	21♂ 4	5♂46	F 3
S 4	20 48 58	11♂12'02	13♂30	1♂B27	26♂25	2♂39	14♂38	15♂ 8	0♂50	17♂ 4	22♂50	6♂20	4♂51	21♂11	5♂42	S 4
S 5	20 52 55	12♂ 9'31	26♂10	3♂ 3	27♂28	3♂19	14♂31	15♂ 4	0♂49	17♂ 6	22♂49	6♂21	4♂47	21♂17	5♂39	S 5
M 6	20 56 51	13♂ 7'02	9♂S11	4♂36	28♂30	3♂58	14♂26	15♂ 1	0♂47	17♂ 9	22♂48	6♂R22	4♂44	21♂24	5♂36	M 6
T 7	21 0 48	14♂ 4'33	22♂35	6♂ 8	29♂33	4♂38	14♂20	14♂57	0♂46	17♂11	22♂48	6♂20	4♂41	21♂31	5♂32	T 7
W 8	21 4 44	15♂ 2'05	6♂X23	7♂39	0♂A35	5♂17	14♂14	14♂54	0♂45	17♂13	22♂47	6♂18	4♂38	21♂37	5♂29	W 8
T 9	21 8 41	15♂59'39	20♂31	9♂ 7	1♂36	5♂57	14♂ 8	14♂50	0♂43	17♂15	22♂46	6♂13	4♂35	21♂44	5♂26	T 9
F 10	21 12 37	16♂57'14	4♂H56	10♂34	2♂38	6♂36	14♂ 3	14♂46	0♂42	17♂17	22♂45	6♂ 7	4♂32	21♂51	5♂23	F 10
S 11	21 16 34	17♂54'50	19♂30	12♂ 0	3♂39	7♂15	13♂58	14♂42	0♂40	17♂20	22♂44	6♂ 1	4♂28	21♂58	5♂19	S 11
S 12	21 20 31	18♂52'27	4♂Y 8	13♂24	4♂40	7♂55	13♂53	14♂39	0♂39	17♂22	22♂44	5♂55	4♂25	22♂ 4	5♂16	S 12
M13	21 24 27	19♂50'06	18♂43	14♂46	5♂40	8♂34	13♂48	14♂35	0♂37	17♂24	22♂43	5♂50	4♂22	22♂11	5♂13	M13
T 14	21 28 24	20♂47'46	3♂B 9	16♂ 6	6♂41	9♂13	13♂43	14♂31	0♂35	17♂26	22♂42	5♂47	4♂19	22♂18	5♂10	T 14
W15	21 32 20	21♂45'28	17♂23	17♂25	7♂41	9♂52	13♂38	14♂27	0♂34	17♂29	22♂42	5♂D46	4♂16	22♂24	5♂ 7	W15
T 16	21 36 17	22♂43'12	1♂H22	18♂41	8♂40	10♂31	13♂34	14♂23	0♂32	17♂31	22♂41	5♂46	4♂12	22♂31	5♂ 4	T 16
F 17	21 40 13	23♂40'57	15♂ 7	19♂56	9♂39	11♂10	13♂29	14♂18	0♂30	17♂33	22♂41	5♂47	4♂ 9	22♂38	5♂ 0	F 17
S 18	21 44 10	24♂38'45	28♂37	21♂ 9	10♂38	11♂49	13♂25	14♂14	0♂28	17♂35	22♂40	5♂48	4♂ 6	22♂45	4♂57	S 18
S 19	21 48 6	25♂36'33	11♂S54	22♂20	11♂37	12♂28	13♂21	14♂10	0♂26	17♂37	22♂40	5♂R48	4♂ 3	22♂51	4♂54	S 19
M20	21 52 3	26♂34'24	24♂58	23♂28	12♂35	13♂ 7	13♂17	14♂ 6	0♂25	17♂40	22♂39	5♂46	4♂ 0	22♂58	4♂51	M20
T 21	21 56 0	27♂32'16	7♂L51	24♂35	13♂32	13♂45	13♂14	14♂ 2	0♂23	17♂42	22♂39	5♂42	3♂57	23♂ 5	4♂48	T 21
W22	21 59 56	28♂30'10	20♂33	25♂39	14♂30	14♂24	13♂10	13♂57	0♂21	17♂44	22♂38	5♂36	3♂53	23♂11	4♂45	W22
T 23	22 3 53	29♂28'05	3♂B 3	26♂41	15♂26	15♂ 3	13♂ 7	13♂53	0♂19	17♂46	22♂38	5♂27	3♂50	23♂18	4♂42	T 23
F 24	22 7 49	0♂B26'01	15♂23	27♂40	16♂23	15♂41	13♂ 4	13♂49	0♂17	17♂48	22♂38	5♂17	3♂47	23♂25	4♂40	F 24
S 25	22 11 46	1♂23'59	27♂32	28♂37	17♂19	16♂20	13♂ 1	13♂44	0♂15	17♂51	22♂37	5♂ 7	3♂44	23♂32	4♂37	S 25
S 26	22 15 42	2♂21'59	9♂A33	29♂30	18♂14	16♂58	12♂58	13♂40	0♂13	17♂53	22♂37	4♂57	3♂41	23♂38	4♂34	S 26
M27	22 19 39	3♂20'00	21♂28	0♂A21	19♂ 9	17♂36	12♂56	13♂35	0♂11	17♂55	22♂37	4♂48	3♂37	23♂45	4♂31	M27
T 28	22 23 35	4♂18'02	3♂B19	1♂ 8	20♂ 3	18♂15	12♂53	13♂31	0♂ 9	17♂57	22♂36	4♂41	3♂34	23♂52	4♂28	T 28
W29	22 27 32	5♂16'06	15♂10	1♂52	20♂57	18♂53	12♂51	13♂26	0♂ 7	17♂59	22♂36	4♂37	3♂31	23♂58	4♂26	W29
T 30	22 31 29	6♂14'11	27♂ 5	2♂33	21♂51	19♂31	12♂49	13♂22	0♂ 4	18♂ 1	22♂36	4♂35	3♂28	24♂ 5	4♂23	T 30
F 31	22 35 25	7♂B12'18	9♂X 9	3♂A 9	22♂A43	20♂S 9	12♂S47	13♂H17	0♂Y 2	18♂L 3	22♂X36	4♂D34	3♂S25	24♂A12	4♂X21	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n12	9s39	4n29	13n47	1n10	2n43	0n 2	23n53	0n25	22s57	0s19	7s44	2s 6	0s21	0s46	16n 0
T 2	17 57	13 49	3 50	13 6	1 3	2 14	0s 3	23 54	0 26	22 58	0 19	7 46	2 6	0 21	0 46	16 0
F 3	17 42	17 29	3 0	12 26	0 57	1 44	0 8	23 54	0 26	22 59	0 19	7 47	2 6	0 22	0 46	15 59
S 4	17 26	20 27	2 1	11 45	0 50	1 14	0 13	23 54	0 27	22 59	0 20	7 48	2 6	0 22	0 46	15 58
S 5	17 10	22 30	0 55	11 4	0 43	0 44	0 18	23 54	0 28	23 0	0 20	7 50	2 6	0 23	0 46	15 58
M 6	16 54	23 24	0s15	10 23	0 35	0 14	0 23	23 53	0 29	23 1	0 20	7 51	2 7	0 23	0 46	15 57
T 7	16 38	23 0	1 27	9 42	0 28	0s15	0 29	23 53	0 29	23 2	0 20	7 53	2 7	0 24	0 46	15 56
W 8	16 21	21 13	2 36	9 1	0 20	0 45	0 34	23 52	0 30	23 2	0 20	7 55	2 7	0 25	0 46	15 56
T 9	16 4	18 5	3 36	8 20	0 11	1 15	0 40	23 51	0 31	23 3	0 20	7 56	2 7	0 25	0 46	15 55
F 10	15 46	13 49	4 25	7 39	0 3	1 44	0 45	23 50	0 32	23 4	0 20	7 58	2 7	0 26	0 46	15 54
S 11	15 29	8 42	4 56	6 59	0s 6	2 14	0 51	23 49	0 32	23 4	0 20	7 59	2 7	0 27	0 46	15 54
S 12	15 11	3 4	5 9	6 19	0 15	2 43	0 57	23 47	0 33	23 5	0 20	8 1	2 8	0 27	0 46	15 53
M13	14 53	2n42	5 1	5 39	0 24	3 13	1 3	23 45	0 34	23 6	0 20	8 3	2 8	0 28	0 46	15 52
T 14	14 35	8 17	4 34	4 59	0 33	3 42	1 9	23 43	0 35	23 6	0 21	8 4	2 8	0 29	0 46	15 52
W15	14 16	13 21	3 51	4 20	0 42	4 11	1 15	23 41	0 35	23 7	0 21	8 6	2 8	0 29	0 46	15 51
T 16	13 58	17 36	2 55	3 41	0 52	4 41	1 21	23 39	0 36	23 7	0 21	8 8	2 8	0 30	0 46	15 50
F 17	13 39	20 50	1 49	3 3	1 1	5 10	1 27	23 37	0 37	23 8	0 21	8 9	2 8	0 31	0 46	15 50
S 18	13 19	22 49	0 39	2 26	1 11	5 39	1 33	23 34	0 38	23 8	0 21	8 11	2 9	0 31	0 46	15 49
S 19	13 0	23 29	0n33	1 49	1 21	6 7	1 39	23 31	0 38	23 9	0 21	8 13	2 9	0 32	0 47	15 48
M20	12 40	22 49	1 41	1 13	1 30	6 36	1 46	23 28	0 39	23 9	0 21	8 15	2 9	0 33	0 47	15 48
T 21	12 21	20 57	2 43	0 37	1 40	7 4	1 52	23 25	0 40	23 10	0 21	8 16	2 9	0 34	0 47	15 47
W22	12 1	18 4	3 36	0 3	1 50	7 33	1 59	23 22	0 41	23 10	0 21	8 18	2 9	0 34	0 47	15 46
T 23	11 40	14 24	4 18	0s31	2 0	8 1	2 5	23 18	0 41	23 11	0 21	8 20	2 9	0 35	0 47	15 46
F 24	11 20	10 10	4 46	1 3	2 9	8 29	2 12	23 15	0 42	23 11	0 21	8 22	2 9	0 36	0 47	15 45
S 25	10 59	5 36	5 2	1 34	2 19	8 57	2 19	23 11	0 43	23 11	0 21	8 24	2 9	0 37	0 47	15 44
S 26	10 39	0 51	5 3	2 5	2 29	9 24	2 26	23 7	0 44	23 12	0 22	8 25	2 10	0 38	0 47	15 44
M27	10 18	3s52	4 52	2 33	2 38	9 51	2 32	23 3	0 44	23 12	0 22	8 27	2 10	0 38	0 47	15 43
T 28	9 57	8 26	4 28	3 1	2 48	10 18	2 39	22 58	0 45	23 12	0 22	8 29	2 10	0 39	0 47	15 43
W29	9 36	12 42	3 52	3 27	2 57	10 45	2 46	22 54	0 46	23 13	0 22	8 31	2 10	0 40	0 47	15 42
T 30	9 14	16 31	3 6	3 51	3 6	11 12	2 53	22 49	0 47	23 13	0 22	8 33	2 10	0 41	0 47	15 41
F 31	8n53	19s41	2n11	4s14	3s14	11s38	3s 0	22n44	0n47	23s13	0s22	8s35	2s10	0s42	0s47	15n41

Julian Day Number = 2363733.5, Delta T = 18.73 sec
 Ecliptic obliquity = 23°28'13", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°23'01", Lahiri = 20°30'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1759

geocentric

SEPTEMBER 1759

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 22	8 ^h 10'26"	21 ^h 28'	3 ^h 42'	23 ^h 36'	20 ^h 47'	12 ^h R46	13 ^h R13	0 ^h R 0	18 ^h Ω 6	22 ^h R36	4 ^h Ω35	3 ^h Ω22	24 ^h Ω19	4 ^h R18	S 1
S 2	22 43 18	9° 8'36"	4 ^h 36'	4°10'	24°27'	21°25'	12 ^h Ω44	13 ^h Ω 8	29 ^h Ω58	18° 8'	22 ^h Ω36	4 ^h R35	3°18'	24°25'	4 ^h Ω15	S 2
M 3	22 47 15	10° 6'47"	17° 8'	4°33'	25°18'	22° 2'	12°43'	13° 3'	29°56'	18°10'	22°36'	4°35'	3°15'	24°32'	4°13'	M 3
T 4	22 51 11	11° 5'00"	0 ^h 37'	4°51'	26° 8'	22°40'	12°42'	12°59'	29°54'	18°12'	22°D36	4°32'	3°12'	24°39'	4°11'	T 4
W 5	22 55 8	12° 3'14"	14°34'	5° 4'	26°58'	23°18'	12°41'	12°54'	29°51'	18°14'	22°36'	4°27'	3° 9'	24°45'	4° 8'	W 5
T 6	22 59 4	13° 1'30"	28°57'	5°11'	27°46'	23°56'	12°40'	12°50'	29°49'	18°16'	22°36'	4°19'	3° 6'	24°52'	4° 6'	T 6
F 7	23 3 1	13°59'47"	13 ^h 42'	5°R12	28°34'	24°33'	12°40'	12°45'	29°47'	18°18'	22°36'	4°10'	3° 3'	24°59'	4° 4'	F 7
S 8	23 6 58	14°58'06"	28°41'	5° 8'	29°22'	25°11'	12°40'	12°41'	29°44'	18°20'	22°36'	4° 0'	2°59'	25° 6'	4° 1'	S 8
S 9	23 10 54	15°56'27"	13 ^h 44'	4°56'	0 ^h Ω 8	25°48'	12°D39	12°36'	29°42'	18°22'	22°36'	3°50'	2°56'	25°12'	3°59'	S 9
M10	23 14 51	16°54'50"	28°42'	4°38'	0°53'	26°25'	12°40'	12°31'	29°40'	18°24'	22°36'	3°41'	2°53'	25°19'	3°57'	M10
T 11	23 18 47	17°53'16"	13 ^h 26'	4°13'	1°38'	27° 3'	12°40'	12°27'	29°37'	18°26'	22°37'	3°35'	2°50'	25°26'	3°55'	T 11
W12	23 22 44	18°51'43"	27°51'	3°42'	2°22'	27°40'	12°40'	12°22'	29°35'	18°28'	22°37'	3°31'	2°47'	25°32'	3°53'	W12
T 13	23 26 40	19°50'13"	11 ^h 54'	3° 3'	3° 5'	28°17'	12°41'	12°18'	29°33'	18°30'	22°37'	3°30'	2°43'	25°39'	3°51'	T 13
F 14	23 30 37	20°48'45"	25°35'	2°19'	3°47'	28°54'	12°42'	12°13'	29°30'	18°32'	22°37'	3°D30	2°40'	25°46'	3°49'	F 14
S 15	23 34 33	21°47'19"	8 ^h 55'	1°28'	4°27'	29°31'	12°43'	12° 9'	29°28'	18°34'	22°38'	3°R30	2°37'	25°53'	3°47'	S 15
S 16	23 38 30	22°45'56"	21°58'	0°33'	5° 7'	0°Ω 8	12°44'	12° 4'	29°26'	18°36'	22°38'	3°29'	2°34'	25°59'	3°46'	S 16
M17	23 42 27	23°44'34"	4 ^h 46'	29 ^h 33'	5°46'	0°45'	12°46'	12° 0'	29°23'	18°38'	22°39'	3°25'	2°31'	26° 6'	3°44'	M17
T 18	23 46 23	24°43'15"	17°21'	28°30'	6°23'	1°21'	12°47'	11°55'	29°21'	18°40'	22°39'	3°19'	2°28'	26°13'	3°42'	T 18
W19	23 50 20	25°41'58"	29°46'	27°25'	7° 0'	1°58'	12°49'	11°51'	29°18'	18°42'	22°39'	3°10'	2°24'	26°19'	3°41'	W19
T 20	23 54 16	26°40'42"	12 ^h 22'	26°20'	7°35'	2°35'	12°51'	11°47'	29°16'	18°43'	22°40'	2°58'	2°21'	26°26'	3°39'	T 20
F 21	23 58 13	27°39'29"	24°11'	25°16'	8° 9'	3°11'	12°53'	11°42'	29°14'	18°45'	22°40'	2°45'	2°18'	26°33'	3°38'	F 21
S 22	0 2 9	28°38'18"	6 ^h 12'	24°15'	8°41'	3°47'	12°56'	11°38'	29°11'	18°47'	22°41'	2°31'	2°15'	26°40'	3°36'	S 22
S 23	0 6 6	29°37'09"	18° 8'	23°19'	9°12'	4°24'	12°58'	11°34'	29° 9'	18°49'	22°42'	2°17'	2°12'	26°46'	3°35'	S 23
M24	0 10 2	0 ^h 36'02"	29°59'	22°29'	9°42'	5° 0'	13° 1'	11°29'	29° 6'	18°51'	22°42'	2° 4'	2° 9'	26°53'	3°34'	M24
T 25	0 13 59	1°34'56"	11 ^h 49'	21°46'	10°10'	5°36'	13° 4'	11°25'	29° 4'	18°52'	22°43'	1°54'	2° 5'	27° 0'	3°33'	T 25
W26	0 17 55	2°33'53"	23°39'	21°12'	10°37'	6°12'	13° 7'	11°21'	29° 2'	18°54'	22°44'	1°47'	2° 2'	27° 6'	3°31'	W26
T 27	0 21 52	3°32'51"	5 ^h 33'	20°47'	11° 1'	6°48'	13°10'	11°17'	28°59'	18°56'	22°44'	1°43'	1°59'	27°13'	3°30'	T 27
F 28	0 25 49	4°31'51"	17°35'	20°32'	11°25'	7°24'	13°14'	11°13'	28°57'	18°58'	22°45'	1°41'	1°56'	27°20'	3°29'	F 28
S 29	0 29 45	5°30'53"	29°50'	20°D28	11°46'	8° 0'	13°18'	11° 9'	28°54'	18°59'	22°46'	1°40'	1°53'	27°26'	3°28'	S 29
S 30	0 33 42	6 ^h 29'57"	12 ^h 23'	20 ^h 34'	12 ^h Ω 6	8°Ω36	13 ^h Ω21	11 ^h Ω 5	28 ^h Ω52	19°Ω 1	22 ^h Ω47	1 ^h Ω40	1 ^h Ω49	27 ^h Ω33	3 ^h Ω28	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	decl	lat	
S 1	8n31	22s 2	1n 9	4s34	3s22	12s 4	3s 7	22n39	0n48	23s13	0s22	8s36	2s10	0s43	0s47	15n40	0n15	16s26	6n51	23n23	23n26	4s58	12s 4	7n21						
S 2	8 9	23 22	0 3	4 52	3 30	12 30	3 14	22 34	0 49	23 14	0 22	8 38	2 10	0 44	0 47	15 39	0 15	16 26	6 50	23 23	23 26	5 1	12 5	7 20						
M 3	7 47	23 28	1s 6	5 8	3 38	12 55	3 21	22 29	0 50	23 14	0 22	8 40	2 10	0 45	0 47	15 39	0 15	16 27	6 50	23 23	23 26	5 3	12 6	7 20						
T 4	7 25	22 13	2 14	5 22	3 45	13 20	3 28	22 23	0 50	23 14	0 22	8 42	2 10	0 45	0 47	15 38	0 15	16 27	6 50	23 24	23 26	5 6	12 7	7 20						
W 5	7 3	19 36	3 15	5 33	3 51	13 45	3 36	22 18	0 51	23 14	0 22	8 44	2 10	0 46	0 47	15 37	0 15	16 27	6 49	23 24	23 26	5 9	12 7	7 19						
T 6	6 41	15 42	4 7	5 41	3 56	14 10	3 43	22 12	0 52	23 14	0 22	8 46	2 10	0 47	0 47	15 37	0 15	16 27	6 49	23 24	23 26	5 11	12 8	7 19						
F 7	6 18	10 46	4 43	5 45	4 1	14 34	3 50	22 6	0 53	23 14	0 22	8 47	2 10	0 48	0 47	15 36	0 15	16 28	6 49	23 24	23 26	5 14	12 9	7 19						
S 8	5 56	5 7	5 0	5 47	4 5	14 57	3 57	22 0	0 53	23 14	0 22	8 49	2 11	0 49	0 47	15 36	0 15	16 28	6 48	23 25	23 26	5 17	12 10	7 18						
S 9	5 33	0n52	4 57	5 45	4 7	15 21	4 4	21 54	0 54	23 14	0 22	8 51	2 11	0 50	0 47	15 35	0 15	16 28	6 48	23 25	23 26	5 20	12 11	7 18						
M10	5 10	6 46	4 34	5 39	4 9	15 44	4 12	21 48	0 55	23 14	0 23	8 53	2 11	0 51	0 47	15 34	0 15	16 29	6 48	23 25	23 26	5 22	12 12	7 18						
T 11	4 48	12 12	3 52	5 29	4 9	16 6	4 19	21 41	0 56	23 14	0 23	8 55	2 11	0 52	0 47	15 34	0 15	16 29	6 47	23 25	23 26	5 25	12 13	7 17						
W12	4 25	16 50	2 57	5 15	4 7	16 28	4 26	21 35	0 56	23 15	0 23	8 56	2 11	0 53	0 47	15 33	0 15	16 29	6 47	23 25	23 26	5 28	12 13	7 17						
T 13	4 2	20 24	1 52	4 57	4 4	16 50	4 33	21 28	0 57	23 14	0 23	8 58	2 11	0 54	0 47	15 33	0 15	16 30	6 47	23 25	23 27	5 31	12 14	7 16						
F 14	3 39	22 42	0 42	4 35	3 59	17 11	4 41	21 21	0 58	23 14	0 23	9 0	2 11	0 55	0 47	15 32	0 15	16 30	6 46	23 25	23 27	5 33	12 15	7 16						
S 15	3 16	23 39	0n29	4 8	3 52	17 32	4 48	21 14	0 59	23 14	0 23	9 2	2 11	0 56	0 47	15 31	0 15	16 30	6 46	23 25	23 27	5 36	12 16	7 16						
S 16	2 52	23 15	1 36	3 38	3 44	17 52	4 55	21 7	1 0	23 14	0 23	9 3	2 11	0 57	0 47	15 31	0 15	16 31	6 46	23 25	23 27	5 39	12 17	7 15						
M17	2 29	21 38	2 37	3 5	3 33	18 12	5 2	21 0	1 0	23 14	0 23	9 5	2 11	0 58	0 47	15 30	0 15	16 31	6 45	23 26	23 27	5 42	12 18	7 15						
T 18	2 6	18 59	3 29	2 28	3 20	18 31	5 9	20 53	1 1	23 14	0 23	9 7	2 11	0 59	0 47	15 30	0 15	16 31	6 45	23 26	23 27	5 44	12 18	7 14						
W19	1 43	15 29	4 11	1 49	3 6	18 50	5 16	20 45	1 2	23 14	0 23	9 8	2 11	1 0	0 47	15 29	0 15	16 32	6 45	23 26	23 27	5 47	12 19	7 14						
T 20	1 19	11 22	4 40	1 9	2 50	19 8	5 23	20 38	1 3	23 14	0 23	9 10	2 11	1 0	0 47	15 29	0 15	16 32	6 44	23 26	23 27	5 50	12 20	7 13						
F 21	0 56	6 51	4 56	0 27	2 33	19 26	5 30	20 30	1 4	23 14	0 23	9 12	2 11	1 1	0 47	15 28	0 15	16 33	6 44	23 27	23 27	5 52	12 21	7 13						
S 22	0 33	2 6	4 59	0n14	2 14	19 43	5 37	20 22	1 4	23 14	0 23	9 13	2 11	1 2	0 47	15 27	0 15	16 33	6 44	23 27	23 27	5 55	12 21	7 12						
S 23	0 9	2s41	4 48	0 54	1 54	20 0	5 43	20 14	1 5	23 13	0 23	9 15	2 11	1 3	0 47	15 27	0 15	16 33	6 44	23 27	23 27	5 58	12 22	7 12						
M24	0s14	7 21	4 25	1 32	1 34	20 16	5 50	20 6	1 6	23 13	0 23	9 17	2 11	1 4	0 47	15 26	0 15	16 34	6 43	23 27	23 27	6 1	12 23	7 11						
T 25	0 38	11 44	3 51	2 8	1 14	20 31	5 56	19 58	1 7	23 13	0 23	9 18	2 11	1 5	0 47	15 26	0 15	16 34	6 43	23 27	23 27	6 3	12 24	7 11						
W26	1 1	15 42	3 6	2 40	0 54	20 45	6 3	19 50	1 8	23 13	0 23	9 20	2 11	1 6	0 47	15 25	0 15	16 34	6 43	23 28	23 27	6 6	12 24	7 11						
T 27	1 25	19 4	2 13	3 8	0 34	20 59	6 9	19 42	1 8	23 12	0 23	9 21	2 11	1 7	0 47	15 25	0 15	16 35	6 42	23 28	23 27	6 9	12 25	7 10						
F 28	1 48	21 40	1 14	3 31	0 15	21 12	6 15	19 34	1 9	23 12	0 23	9 23	2 11	1 8	0 47	15 24	0 15	16 35	6 42	23 28	23 27	6 12	12 26	7 10						
S 29	2 12	23 19	0 10	3 50	0n 3	21 25	6 21	19 25	1 10	23 12	0 23	9 24	2 10	1 9	0 47	15 24	0 15	16 35	6 42	23 28	23 27	6 14	12 26	7 9						
S 30	2s35	23s50	0s56	4n 3	0n20	21s36	6s26	19n17	1n11	23s11	0s24	9s26	2s10	1s10	0s47	15n23	0n16	16s36	6n41	23n28	23n27	6s17	12s27	7n 9						

ASTRODIENST EPHEMERIS for the year 1759
geocentric

OCTOBER 1759

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	0 37 38	7 ^h 29'03"	25 ^h 32'0"	20 ^h 50'	12 ^h 24'	9 ^h 11'	13 ^h 35'	11 ^h R 1	28 ^h R50	19 ^h 12'	22 ^h 48'	1 ^h R39	1 ^h 46'	27 ^h 40'	3 ^h R27	M 1
T 2	0 41 35	8 ^h 28'10"	8 ^h 45'	21 ^h 17'	12 ^h 39'	9 ^h 47'	13 ^h 30'	10 ^h 57'	28 ^h 47'	19 ^h 4'	22 ^h 48'	1 ^h 37'	1 ^h 43'	27 ^h 47'	3 ^h 26'	T 2
W 3	0 45 31	9 ^h 27'19"	22 ^h 39'	21 ^h 52'	12 ^h 53'	10 ^h 22'	13 ^h 34'	10 ^h 54'	28 ^h 45'	19 ^h 6'	22 ^h 49'	1 ^h 31'	1 ^h 40'	27 ^h 53'	3 ^h 25'	W 3
T 4	0 49 28	10 ^h 26'30"	7 ^h 44'	22 ^h 37'	13 ^h 5'	10 ^h 58'	13 ^h 39'	10 ^h 50'	28 ^h 42'	19 ^h 7'	22 ^h 50'	1 ^h 24'	1 ^h 37'	28 ^h 0'	3 ^h 25'	T 4
F 5	0 53 24	11 ^h 25'43"	21 ^h 55'	23 ^h 30'	13 ^h 15'	11 ^h 33'	13 ^h 43'	10 ^h 46'	28 ^h 40'	19 ^h 9'	22 ^h 51'	1 ^h 14'	1 ^h 34'	28 ^h 7'	3 ^h 24'	F 5
S 6	0 57 21	12 ^h 24'57"	7 ^h 44'	24 ^h 31'	13 ^h 22'	12 ^h 8'	13 ^h 48'	10 ^h 43'	28 ^h 38'	19 ^h 10'	22 ^h 52'	1 ^h 3'	1 ^h 30'	28 ^h 13'	3 ^h 24'	S 6
S 7	1 1 18	13 ^h 24'14"	22 ^h 23'	25 ^h 38'	13 ^h 27'	12 ^h 43'	13 ^h 53'	10 ^h 39'	28 ^h 35'	19 ^h 12'	22 ^h 53'	0 ^h 52'	1 ^h 27'	28 ^h 20'	3 ^h 23'	S 7
M 8	1 5 14	14 ^h 23'33"	7 ^h 38'	26 ^h 51'	13 ^h 30'	13 ^h 18'	13 ^h 59'	10 ^h 36'	28 ^h 33'	19 ^h 13'	22 ^h 54'	0 ^h 43'	1 ^h 24'	28 ^h 27'	3 ^h 23'	M 8
T 9	1 9 11	15 ^h 22'54"	22 ^h 41'	28 ^h 9'	13 ^h R31	13 ^h 53'	14 ^h 4'	10 ^h 33'	28 ^h 31'	19 ^h 15'	22 ^h 55'	0 ^h 36'	1 ^h 21'	28 ^h 34'	3 ^h 23'	T 9
W10	1 13 7	16 ^h 22'17"	7 ^h 11'21"	29 ^h 32'	13 ^h 29'	14 ^h 28'	14 ^h 10'	10 ^h 29'	28 ^h 29'	19 ^h 16'	22 ^h 56'	0 ^h 32'	1 ^h 18'	28 ^h 40'	3 ^h 22'	W10
T 11	1 17 4	17 ^h 21'43"	21 ^h 36'	0 ^h 59'	13 ^h 25'	15 ^h 3'	14 ^h 15'	10 ^h 26'	28 ^h 26'	19 ^h 17'	22 ^h 58'	0 ^h 30'	1 ^h 14'	28 ^h 47'	3 ^h 22'	T 11
F 12	1 21 0	18 ^h 21'11"	5 ^h 52'24"	2 ^h 29'	13 ^h 18'	15 ^h 38'	14 ^h 21'	10 ^h 23'	28 ^h 24'	19 ^h 19'	22 ^h 59'	0 ^h D30	1 ^h 11'	28 ^h 54'	3 ^h D22	F 12
S 13	1 24 57	19 ^h 20'41"	18 ^h 46'	4 ^h 2'	13 ^h 9'	16 ^h 12'	14 ^h 28'	10 ^h 20'	28 ^h 22'	19 ^h 20'	23 ^h 0'	0 ^h R30	1 ^h 8'	29 ^h 0'	3 ^h 22'	S 13
S 14	1 28 53	20 ^h 20'14"	1 ^h 12'46"	5 ^h 37'	12 ^h 58'	16 ^h 46'	14 ^h 34'	10 ^h 17'	28 ^h 20'	19 ^h 21'	23 ^h 1'	0 ^h 29'	1 ^h 5'	29 ^h 7'	3 ^h 22'	S 14
M15	1 32 50	21 ^h 19'49"	14 ^h 27'	7 ^h 13'	12 ^h 44'	17 ^h 21'	14 ^h 40'	10 ^h 14'	28 ^h 18'	19 ^h 22'	23 ^h 2'	0 ^h 27'	1 ^h 2'	29 ^h 14'	3 ^h 23'	M15
T 16	1 36 47	22 ^h 19'26"	26 ^h 52'	8 ^h 52'	12 ^h 28'	17 ^h 55'	14 ^h 47'	10 ^h 11'	28 ^h 15'	19 ^h 24'	23 ^h 4'	0 ^h 22'	0 ^h 59'	29 ^h 21'	3 ^h 23'	T 16
W17	1 40 43	23 ^h 19'05"	9 ^h 17' 7"	10 ^h 31'	12 ^h 9'	18 ^h 29'	14 ^h 53'	10 ^h 8'	28 ^h 13'	19 ^h 25'	23 ^h 5'	0 ^h 14'	0 ^h 55'	29 ^h 27'	3 ^h 23'	W17
T 18	1 44 40	24 ^h 18'47"	21 ^h 12'	12 ^h 11'	11 ^h 49'	19 ^h 3'	15 ^h 0'	10 ^h 6'	28 ^h 11'	19 ^h 26'	23 ^h 6'	0 ^h 4'	0 ^h 52'	29 ^h 34'	3 ^h 23'	T 18
F 19	1 48 36	25 ^h 18'30"	3 ^h 11'	13 ^h 52'	11 ^h 26'	19 ^h 37'	15 ^h 7'	10 ^h 3'	28 ^h 9'	19 ^h 27'	23 ^h 8'	29 ^h 11'52"	0 ^h 49'	29 ^h 41'	3 ^h 24'	F 19
S 20	1 52 33	26 ^h 18'16"	15 ^h 6'	15 ^h 33'	11 ^h 1'	20 ^h 11'	15 ^h 15'	10 ^h 1'	28 ^h 7'	19 ^h 28'	23 ^h 9'	29 ^h 40'	0 ^h 46'	29 ^h 47'	3 ^h 24'	S 20
S 21	1 56 29	27 ^h 18'04"	26 ^h 58'	17 ^h 14'	10 ^h 34'	20 ^h 45'	15 ^h 22'	9 ^h 58'	28 ^h 5'	19 ^h 29'	23 ^h 11'	29 ^h 27'	0 ^h 43'	29 ^h 54'	3 ^h 25'	S 21
M22	2 0 26	28 ^h 17'54"	8 ^h 11'49"	18 ^h 56'	10 ^h 5'	21 ^h 18'	15 ^h 29'	9 ^h 56'	28 ^h 3'	19 ^h 30'	23 ^h 12'	29 ^h 16'	0 ^h 40'	0 ^h 11'	3 ^h 26'	M22
T 23	2 4 22	29 ^h 17'45"	20 ^h 39'	20 ^h 37'	9 ^h 35'	21 ^h 52'	15 ^h 37'	9 ^h 54'	28 ^h 1'	19 ^h 32'	23 ^h 13'	29 ^h 7'	0 ^h 36'	0 ^h 7'	3 ^h 26'	T 23
W24	2 8 19	0 ^h 11'39"	2 ^h 32'	22 ^h 18'	9 ^h 3'	22 ^h 25'	15 ^h 45'	9 ^h 52'	27 ^h 59'	19 ^h 33'	23 ^h 15'	29 ^h 1'	0 ^h 33'	0 ^h 14'	3 ^h 27'	W24
T 25	2 12 16	1 ^h 17'35"	14 ^h 29'	23 ^h 59'	8 ^h 30'	22 ^h 58'	15 ^h 53'	9 ^h 50'	27 ^h 57'	19 ^h 33'	23 ^h 16'	28 ^h 58'	0 ^h 30'	0 ^h 21'	3 ^h 28'	T 25
F 26	2 16 12	2 ^h 17'32"	26 ^h 34'	25 ^h 40'	7 ^h 55'	23 ^h 31'	16 ^h 1'	9 ^h 48'	27 ^h 55'	19 ^h 34'	23 ^h 18'	28 ^h D56	0 ^h 27'	0 ^h 28'	3 ^h 29'	F 26
S 27	2 20 9	3 ^h 17'31"	8 ^h 35'	27 ^h 20'	7 ^h 20'	24 ^h 4'	16 ^h 9'	9 ^h 46'	27 ^h 54'	19 ^h 35'	23 ^h 20'	28 ^h 57'	0 ^h 24'	0 ^h 34'	3 ^h 30'	S 27
S 28	2 24 5	4 ^h 17'32"	21 ^h 23'	29 ^h 0'	6 ^h 44'	24 ^h 37'	16 ^h 17'	9 ^h 44'	27 ^h 52'	19 ^h 36'	23 ^h 21'	28 ^h 58'	0 ^h 20'	0 ^h 41'	3 ^h 31'	S 28
M29	2 28 2	5 ^h 17'34"	4 ^h 11'	0 ^h 11'40"	6 ^h 8'	25 ^h 10'	16 ^h 26'	9 ^h 43'	27 ^h 50'	19 ^h 37'	23 ^h 23'	28 ^h R58	0 ^h 17'	0 ^h 48'	3 ^h 32'	M29
T 30	2 31 58	6 ^h 17'38"	17 ^h 32'	2 ^h 19'	5 ^h 31'	25 ^h 42'	16 ^h 34'	9 ^h 41'	27 ^h 48'	19 ^h 38'	23 ^h 24'	28 ^h 58'	0 ^h 14'	0 ^h 54'	3 ^h 33'	T 30
W31	2 35 55	7 ^h 11'43"	1 ^h 17'	3 ^h 11'58"	4 ^h 11'55"	26 ^h 15'	16 ^h 33'	9 ^h 40'	27 ^h 47'	19 ^h 39'	23 ^h 26'	28 ^h 11'55"	0 ^h 11'	1 ^h 11'	3 ^h 35'	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
M 1	2s58	23s 5	2s 2	4n11	0n36	21s47	6s32	19n 8	1n12	23s11	0s24	9s27	2s10	1s11	0s47	15n23	0n16	16s36	6n41	23n28	23n28	6s20	12s28	7n 8	
T 2	3 22	21 2	3 3	4 14	0 50	21 57	6 37	18 59	1 12	23 11	0 24	9 29	2 10	1 12	0 47	15 22	0 16	16 36	6 41	23 28	23 28	6 23	12 28	7 8	
W 3	3 45	17 41	3 55	4 12	1 3	22 6	6 42	18 50	1 13	23 10	0 24	9 30	2 10	1 13	0 47	15 22	0 16	16 37	6 40	23 28	23 28	6 25	12 29	7 7	
T 4	4 8	13 10	4 34	4 4	1 15	22 14	6 47	18 41	1 14	23 10	0 24	9 31	2 10	1 14	0 47	15 21	0 16	16 37	6 40	23 28	23 28	6 28	12 30	7 7	
F 5	4 32	7 45	4 57	3 53	1 25	22 21	6 51	18 32	1 15	23 9	0 24	9 33	2 10	1 15	0 47	15 21	0 16	16 37	6 40	23 28	23 28	6 31	12 30	7 6	
S 6	4 55	1 46	4 59	3 37	1 33	22 27	6 55	18 23	1 16	23 9	0 24	9 34	2 10	1 16	0 47	15 20	0 16	16 38	6 39	23 28	23 28	6 33	12 31	7 6	
S 7	5 18	4n23	4 40	3 17	1 41	22 32	6 59	18 14	1 17	23 8	0 24	9 35	2 10	1 17	0 47	15 20	0 16	16 38	6 39	23 28	23 28	6 36	12 31	7 5	
M 8	5 41	10 16	4 1	2 53	1 47	22 36	7 2	18 5	1 17	23 8	0 24	9 36	2 10	1 17	0 47	15 20	0 16	16 38	6 39	23 28	23 28	6 39	12 32	7 5	
T 9	6 4	15 28	3 6	2 27	1 52	22 39	7 5	17 56	1 18	23 7	0 24	9 38	2 10	1 18	0 47	15 19	0 16	16 39	6 39	23 28	23 28	6 42	12 33	7 4	
W10	6 27	19 36	1 59	1 57	1 55	22 41	7 7	17 46	1 19	23 7	0 24	9 39	2 10	1 19	0 47	15 19	0 16	16 39	6 38	23 28	23 28	6 44	12 33	7 4	
T 11	6 50	22 25	0 47	1 25	1 58	22 41	7 9	17 37	1 20	23 6	0 24	9 40	2 10	1 20	0 47	15 18	0 16	16 40	6 38	23 28	23 28	6 47	12 34	7 3	
F 12	7 12	23 48	0n26	0 50	1 59	22 40	7 10	17 28	1 21	23 6	0 24	9 41	2 10	1 21	0 47	15 18	0 16	16 40	6 38	23 28	23 28	6 50	12 34	7 3	
S 13	7 35	23 44	1 35	0 14	2 0	22 38	7 11	17 18	1 22	23 5	0 24	9 42	2 9	1 22	0 47	15 18	0 16	16 40	6 37	23 28	23 28	6 53	12 35	7 2	
S 14	7 57	22 21	2 38	0s24	2 0	22 35	7 11	17 8	1 23	23 4	0 24	9 43	2 9	1 23	0 47	15 17	0 16	16 41	6 37	23 28	23 28	6 55	12 35	7 2	
M15	8 20	19 53	3 31	1 3	1 59	22 30	7 11	16 59	1 23	23 4	0 24	9 44	2 9	1 24	0 47	15 17	0 16	16 41	6 37	23 28	23 28	6 58	12 36	7 1	
T 16	8 42	16 32	4 13	1 43	1 57	22 24	7 10	16 49	1 24	23 3	0 24	9 45	2 9	1 24	0 47	15 16	0 16	16 41	6 37	23 28	23 28	7 1	12 36	7 1	
W17	9 4	12 31	4 42	2 25	1 55	22 17	7 8	16 39	1 25	23 2	0 24	9 46	2 9	1 25	0 47	15 16	0 16	16 42	6 36	23 28	23 28	7 4	12 36	7 0	
T 18	9 26	8 4	4 59	3 6	1 52	22 8	7 5	16 30	1 26	23 2	0 24	9 47	2 9	1 26	0 47	15 16	0 16	16 42	6 36	23 28	23 28	7 6	12 37	7 0	
F 19	9 48	3 21	5 2	3 49	1 48	21 57	7 2	16 20	1 27	23 1	0 24	9 48	2 9	1 27	0 46	15 15	0 16	16 42	6 36	23 28	23 28	7 9	12 37	6 59	
S 20	10 10	1s28	4 52	4 31	1 44	21 46	6 58	16 10	1 28	23 0	0 24	9 49	2 9	1 28	0 46	15 15	0 16	16 43	6 35	23 28	23 28	7 12	12 38	6 59	
S 21	10 32	6 14	4 29	5 14	1 40	21 33	6 53	16 0	1 29	22 59	0 24	9 49	2 9	1 28	0 46	15 15	0 16	16 43	6 35	23 28	23 28	7 14	12 38	6 58	
M22	10 53	10 45	3 54	5 57	1 35	21 18	6 48	15 50	1 30	22 58	0 24	9 50	2 8	1 29	0 46	15 14	0 16	16 43	6 35	23 28	23 28	7 17	12 38	6 57	
T 23	11 14	14 53	3 10	6 40	1 30	21 2	6 42	15 40	1 30	22 58	0 24	9 51	2 8	1 30	0 46	15 14	0 16	16 44	6 35	23 28	23 28	7 20	12 39	6 57	
W24	11 35	18 28	2 16	7 23	1 25	20 45	6 34	15 30	1 31	22 57	0 24	9 51	2 8	1 31	0 46	15 14	0 16	16 44	6 34	23 28	23 28	7 23	12 39	6 56	
T 25	11 56	21 18	1 17	8 5	1 19	20 27	6 27	15 20	1 32	22 56	0 25	9 52	2 8	1 31	0 46	15 14	0 16	16 44	6 34	23 28	23 28	7 25	12 39	6 56	
F 26	12 17	23 13	0 13	8 47	1 14	20 7	6 18	15 10	1 33	22 55	0 25	9 53	2 8	1 32	0 46	15 13	0 16	16 45	6 34	23 28	23 28	7 28	12 40	6 55	
S 27	12 38	24 3	0s53	9 29	1 8	19 46	6 8	15 0	1 34	22 54	0 25	9 53	2 8	1 33	0 46	15 13	0 16	16 45	6 34	23 28	23 28	7 31	12 40	6 55	
S 28	12 58	23 42	1 58	10 11	1 1	19 24	5 58	14 50	1 35	22 53	0 25	9 54	2 8	1 34	0 46	15 13	0 16	16 45	6 33	23 28	23 28	7 34	12 40	6 54	
M29	13 18	22 6	2 58	10 52	0 55	19 2	5 47	14 39	1 36	22 52	0 25	9 54	2 7	1 34	0 46	15 12	0 16	16 46	6 33	23 28	23 28	7 36	12 40	6 54	
T 30	13 38	19 16	3 51	11 32	0 49	18 39	5 35	14 29	1 37	22 51	0 25	9 55	2 7	1 35	0 46	15 12	0 16	16 46	6 33	23 28	23 28	7 39	12 41	6 53	
W31	13s58	15s16	4s33	12s12	0n42	18s15	5s23	14n19	1n38	22s50	0s25	9s55	2s 7	1s36	0s46	15n12	0n16	16s46	6n33	23n28	23n28	7s42	12s41	6n53	

ASTRODIENST EPHEMERIS for the year 1759

geocentric

NOVEMBER 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 51	8♈17°50	15♊30	5♈37	4♈18	26♈47	16♈52	9♈39	27♈45	19♈39	23♈28	28♈50	0♈8	1♈8	3♈36	T 1
F 2	2 43 48	9°17'58	0♈10	7°15	3♈43	27°19	17°1	9♈37	27♈43	19°40	23°29	28♈44	0°5	1°14	3°37	F 2
S 3	2 47 45	10°18'08	15°13	8°52	3°8	27°51	17°10	9°36	27°42	19°41	23°31	28°37	0°1	1°21	3°39	S 3
S 4	2 51 41	11°18'20	0♈28	10°30	2°34	28°23	17°19	9°35	27°40	19°41	23°33	28°29	29♈58	1°28	3°40	S 4
M 5	2 55 38	12°18'34	15°46	12°7	2°2	28°55	17°29	9°34	27°39	19°42	23°35	28°23	29°55	1°35	3°42	M 5
T 6	2 59 34	13°18'49	0♈56	13°43	1°30	29°26	17°38	9°33	27°37	19°43	23°36	28°18	29°52	1°41	3°44	T 6
W 7	3 3 31	14°19'06	15°48	15°19	1°1	29°58	17°48	9°33	27°36	19°43	23°38	28°15	29°49	1°48	3°45	W 7
T 8	3 7 27	15°19'25	0♈16	16°55	0°33	0♈29	17°58	9°32	27°34	19°44	23°40	28°D15	29°46	1°55	3°47	T 8
F 9	3 11 24	16°19'46	14°16	18°31	0°8	1°0	18°7	9°32	27°33	19°44	23°42	28°16	29°42	2°1	3°49	F 9
S 10	3 15 20	17°20'09	27°47	20°6	29♈44	1°31	18°17	9°31	27°32	19°44	23°44	28°17	29°39	2°8	3°51	S 10
S 11	3 19 17	18°20'34	10♈53	21°41	29°23	2°2	18°28	9°31	27°30	19°45	23°46	28°18	29°36	2°15	3°53	S 11
M12	3 23 14	19°21'01	23°36	23°15	29°4	2°33	18°38	9°31	27°29	19°45	23°48	28°R18	29°33	2°22	3°55	M12
T 13	3 27 10	20°21'30	6♈0	24°49	28°47	3°3	18°48	9°D31	27°28	19°46	23°49	28°17	29°30	2°28	3°57	T 13
W14	3 31 7	21°22'00	18°10	26°24	28°33	3°34	18°58	9°31	27°27	19°46	23°51	28°14	29°26	2°35	3°59	W14
T 15	3 35 3	22°22'33	0♈11	27°57	28°21	4°4	19°9	9°31	27°26	19°46	23°53	28°9	29°23	2°42	4°2	T 15
F 16	3 39 0	23°23'07	12°5	29°31	28°12	4°34	19°20	9°31	27°25	19°46	23°55	28°3	29°20	2°48	4°4	F 16
S 17	3 42 56	24°23'42	23°56	1♈4	28°5	5°4	19°30	9°31	27°24	19°47	23°57	27°57	29°17	2°55	4°6	S 17
S 18	3 46 53	25°24'20	5♈47	2°37	28°1	5°34	19°41	9°32	27°23	19°47	23°59	27°50	29°14	3°2	4°9	S 18
M19	3 50 49	26°24'59	17°39	4°10	27°D59	6°3	19°52	9°33	27°22	19°47	24°1	27°45	29°11	3°8	4°11	M19
T 20	3 54 46	27°25'39	29°34	5°43	28°0	6°32	20°3	9°33	27°21	19°47	24°3	27°40	29°7	3°15	4°14	T 20
W21	3 58 43	28°26'21	11♈34	7°16	28°3	7°1	20°14	9°34	27°20	19°47	24°5	27°37	29°4	3°22	4°17	W21
T 22	4 2 39	29°27'04	23°41	8°49	28°8	7°30	20°26	9°35	27°19	19°R47	24°7	27°D36	29°1	3°29	4°19	T 22
F 23	4 6 36	0♈27'49	5♈57	10°21	28°16	7°59	20°37	9°36	27°19	19°47	24°9	27°36	28°58	3°35	4°22	F 23
S 24	4 10 32	1°28'35	18°23	11°53	28°26	8°28	20°48	9°37	27°18	19°47	24°11	27°38	28°55	3°42	4°25	S 24
S 25	4 14 29	2°29'22	1♈3	13°25	28°38	8°56	21°0	9°38	27°17	19°47	24°14	27°39	28°52	3°49	4°28	S 25
M26	4 18 25	3°30'09	14°0	14°57	28°53	9°24	21°12	9°39	27°17	19°47	24°16	27°41	28°48	3°55	4°31	M26
T 27	4 22 22	4°30'58	27°15	16°29	29°9	9°52	21°23	9°41	27°16	19°47	24°18	27°42	28°45	4°2	4°34	T 27
W28	4 26 18	5°31'48	10♈52	18°0	29°27	10°19	21°35	9°42	27°16	19°47	24°20	27°R42	28°42	4°9	4°37	W28
T 29	4 30 15	6°32'38	24°52	19°31	29°48	10°47	21°47	9°44	27°15	19°46	24°22	27°41	28°39	4°15	4°40	T 29
F 30	4 34 12	7♈33'30	9♈14	21♈3	0♈10	11♈14	21♈59	9♈46	27♈15	19♈46	24♈24	27♈39	28♈36	4♈22	4♈43	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s17	10s19	4s59	12s51	0n36	17s50	5s10	14n 9	1n39	22s49	0s25	9s55	2s 7	1s36	0s46	15n12	0n16	16s47	6n32	23n28	23n28	7s44	12s41	6n52					
F 2	14 37	4 38	5 7	13 30	0 29	17 25	4 57	13 59	1 40	22 48	0 25	9 56	2 7	1 37	0 46	15 12	0 16	16 47	6 32	23 28	23 28	7 47	12 41	6 52					
S 3	14 56	1n28	4 55	14 8	0 22	17 0	4 43	13 49	1 41	22 47	0 25	9 56	2 7	1 37	0 46	15 11	0 16	16 47	6 32	23 28	23 28	7 50	12 41	6 51					
S 4	15 15	7 34	4 21	14 45	0 15	16 35	4 29	13 38	1 42	22 45	0 25	9 56	2 7	1 38	0 46	15 11	0 16	16 48	6 32	23 28	23 28	7 53	12 41	6 51					
M 5	15 33	13 15	3 29	15 21	0 9	16 10	4 14	13 28	1 43	22 44	0 25	9 57	2 6	1 39	0 46	15 11	0 16	16 48	6 31	23 28	23 28	7 55	12 42	6 50					
T 6	15 51	18 3	2 22	15 57	0 2	15 45	3 59	13 18	1 43	22 43	0 25	9 57	2 6	1 39	0 46	15 11	0 16	16 48	6 31	23 28	23 28	7 58	12 42	6 50					
W 7	16 9	21 36	1 7	16 32	0s 5	15 20	3 44	13 8	1 44	22 42	0 25	9 57	2 6	1 40	0 46	15 11	0 16	16 49	6 31	23 28	23 28	8 1	12 42	6 49					
T 8	16 27	23 39	0n11	17 6	0 11	14 56	3 29	12 58	1 45	22 41	0 25	9 57	2 6	1 40	0 46	15 11	0 16	16 49	6 31	23 28	23 28	8 4	12 42	6 49					
F 9	16 45	24 8	1 26	17 39	0 18	14 33	3 13	12 47	1 46	22 39	0 25	9 57	2 6	1 41	0 46	15 10	0 16	16 49	6 30	23 28	23 28	8 6	12 42	6 48					
S 10	17 2	23 8	2 33	18 11	0 25	14 10	2 58	12 37	1 47	22 38	0 25	9 57	2 6	1 41	0 46	15 10	0 16	16 50	6 30	23 28	23 28	8 9	12 42	6 48					
S 11	17 19	20 54	3 31	18 43	0 31	13 48	2 43	12 27	1 48	22 37	0 25	9 57	2 6	1 42	0 46	15 10	0 16	16 50	6 30	23 28	23 28	8 12	12 42	6 48					
M12	17 35	17 42	4 16	19 13	0 38	13 27	2 27	12 17	1 49	22 35	0 25	9 57	2 5	1 42	0 46	15 10	0 16	16 50	6 30	23 28	23 28	8 14	12 42	6 47					
T 13	17 52	13 47	4 48	19 43	0 44	13 7	2 12	12 7	1 50	22 34	0 25	9 57	2 5	1 43	0 46	15 10	0 16	16 50	6 30	23 28	23 28	8 17	12 42	6 47					
W14	18 8	9 22	5 6	20 11	0 50	12 48	1 57	11 57	1 51	22 33	0 25	9 57	2 5	1 43	0 46	15 10	0 16	16 51	6 29	23 28	23 28	8 20	12 42	6 46					
T 15	18 23	4 41	5 11	20 39	0 56	12 30	1 42	11 47	1 52	22 31	0 25	9 56	2 5	1 43	0 46	15 10	0 16	16 51	6 29	23 27	23 28	8 23	12 42	6 46					
F 16	18 39	0s 9	5 2	21 5	1 2	12 13	1 28	11 37	1 53	22 30	0 25	9 56	2 5	1 44	0 46	15 10	0 16	16 51	6 29	23 27	23 28	8 25	12 42	6 45					
S 17	18 54	4 58	4 40	21 31	1 8	11 57	1 14	11 27	1 55	22 28	0 25	9 56	2 5	1 44	0 46	15 10	0 16	16 52	6 29	23 27	23 28	8 28	12 42	6 45					
S 18	19 8	9 36	4 6	21 55	1 14	11 43	1 0	11 17	1 56	22 27	0 25	9 55	2 4	1 44	0 46	15 10	0 16	16 52	6 29	23 27	23 28	8 31	12 42	6 44					
M19	19 23	13 54	3 21	22 19	1 20	11 29	0 46	11 7	1 57	22 25	0 25	9 55	2 4	1 45	0 46	15 10	0 16	16 52	6 28	23 27	23 28	8 33	12 41	6 44					
T 20	19 37	17 41	2 28	22 41	1 25	11 17	0 33	10 57	1 58	22 23	0 26	9 55	2 4	1 45	0 46	15 10	0 16	16 52	6 28	23 27	23 28	8 36	12 41	6 43					
W21	19 50	20 46	1 27	23 2	1 30	11 6	0 20	10 47	1 59	22 22	0 26	9 54	2 4	1 45	0 45	15 10	0 17	16 53	6 28	23 27	23 28	8 39	12 41	6 43					
T 22	20 4	22 58	0 21	23 22	1 36	10 57	0 7	10 37	2 0	22 20	0 26	9 54	2 4	1 46	0 45	15 10	0 17	16 53	6 28	23 27	23 28	8 42	12 41	6 42					
F 23	20 16	24 6	0s46	23 41	1 40	10 48	0n 5	10 27	2 1	22 19	0 26	9 53	2 4	1 46	0 45	15 10	0 17	16 53	6 28	23 27	23 28	8 44	12 41	6 42					
S 24	20 29	24 3	1 52	23 59	1 45	10 40	0 17	10 18	2 2	22 17	0 26	9 53	2 3	1 46	0 45	15 10	0 17	16 53	6 27	23 27	23 28	8 47	12 40	6 42					
S 25	20 41	22 46	2 54	24 15	1 50	10 34	0 28	10 8	2 3	22 15	0 26	9 52	2 3	1 46	0 45	15 10	0 17	16 54	6 27	23 27	23 28	8 50	12 40	6 41					
M26	20 53	20 17	3 48	24 30	1 54	10 29	0 39	9 58	2 4	22 13	0 26	9 51	2 3	1 47	0 45	15 10	0 17	16 54	6 27	23 27	23 28	8 53	12 40	6 41					
T 27	21 4	16 42	4 32	24 44	1 58	10 25	0 50	9 49	2 5	22 12	0 26	9 51	2 3	1 47	0 45	15 10	0 17	16 54	6 27	23 27	23 28	8 55	12 40	6 40					
W28	21 15	12 9	5 2	24 57	2 2	10 22	1 0	9 39	2 6	22 10	0 26	9 50	2 3	1 47	0 45	15 10	0 17	16 55	6 27	23 27	23 28	8 58	12 39	6 40					
T 29	21 26	6 51	5 15	25 8	2 5	10 20	1 10	9 30	2 8	22 8	0 26	9 49	2 3	1 47	0 45	15 10	0 17	16 55	6 27	23 27	23 28	9 1	12 39	6 40					
F 30	21s36	1s 4	5s 9	25s18	2s 8	10s19	1n19	9n21	2n 9	22s 6	0s26	9s48	2s 2	1s47	0s45	15n10	0n17	16s55	6n26	23n27	23n28	9s 3	12s39	6n39					

ASTRODIENST EPHEMERIS for the year 1759
geocentric

DECEMBER 1759

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 8	8♂34'22	23♂55	22♂33	0♂34	11♂41	22♂11	9♂47	27°R15	19°R46	24♂26	27°R37	28♂32	4♂29	4♂46	S 1
S 2	4 42 5	9°35'15	8♂50	24° 4	1° 0	12° 8	22°23	9°49	27♂14	19♂45	24°28	27♂34	28°29	4°35	4°49	S 2
M 3	4 46 1	10°36'09	23°51	25°34	1°28	12°34	22°35	9°51	27°14	19°45	24°31	27°32	28°26	4°42	4°52	M 3
T 4	4 49 58	11°37'04	8♂51	27° 4	1°57	13° 1	22°47	9°54	27°14	19°45	24°33	27°31	28°23	4°49	4°56	T 4
W 5	4 53 54	12°38'00	23°39	28°33	2°28	13°27	23° 0	9°56	27°14	19°44	24°35	27°D30	28°20	4°56	4°59	W 5
T 6	4 57 51	13°38'57	8♂9	0♂2	3° 0	13°53	23°12	9°58	27°14	19°44	24°37	27°30	28°17	5° 2	5° 3	T 6
F 7	5 1 47	14°39'55	22°15	1°30	3°34	14°18	23°25	10° 1	27°D14	19°43	24°39	27°31	28°13	5° 9	5° 6	F 7
S 8	5 5 44	15°40'54	5♂55	2°57	4°10	14°43	23°37	10° 3	27°14	19°43	24°42	27°32	28°10	5°16	5° 9	S 8
S 9	5 9 41	16°41'54	19° 9	4°23	4°46	15° 8	23°50	10° 6	27°14	19°42	24°44	27°33	28° 7	5°22	5°13	S 9
M10	5 13 37	17°42'55	1♂59	5°48	5°25	15°33	24° 3	10° 8	27°14	19°42	24°46	27°34	28° 4	5°29	5°17	M10
T 11	5 17 34	18°43'57	14°29	7°12	6° 4	15°57	24°15	10°11	27°14	19°41	24°48	27°R34	28° 1	5°36	5°20	T 11
W12	5 21 30	19°45'01	26°41	8°34	6°45	16°22	24°28	10°14	27°14	19°41	24°50	27°34	27°58	5°42	5°24	W12
T 13	5 25 27	20°46'05	8♂42	9°54	7°26	16°45	24°41	10°17	27°15	19°40	24°53	27°34	27°54	5°49	5°28	T 13
F 14	5 29 23	21°47'10	20°35	11°12	8° 9	17° 9	24°54	10°20	27°15	19°39	24°55	27°33	27°51	5°56	5°32	F 14
S 15	5 33 20	22°48'16	2♂24	12°28	8°53	17°32	25° 7	10°23	27°15	19°38	24°57	27°32	27°48	6° 3	5°35	S 15
S 16	5 37 16	23°49'23	14°15	13°41	9°38	17°55	25°20	10°27	27°16	19°38	24°59	27°32	27°45	6° 9	5°39	S 16
M17	5 41 13	24°50'30	26°10	14°50	10°24	18°18	25°33	10°30	27°16	19°37	25° 1	27°31	27°42	6°16	5°43	M17
T 18	5 45 10	25°51'38	8♂12	15°55	11°11	18°40	25°46	10°34	27°17	19°36	25° 4	27°31	27°38	6°23	5°47	T 18
W19	5 49 6	26°52'47	20°22	16°55	11°59	19° 2	26° 0	10°37	27°18	19°35	25° 6	27°31	27°35	6°29	5°51	W19
T 20	5 53 3	27°53'57	2♂44	17°50	12°48	19°24	26°13	10°41	27°18	19°34	25° 8	27°31	27°32	6°36	5°55	T 20
F 21	5 56 59	28°55'07	15°17	18°39	13°38	19°45	26°26	10°45	27°19	19°33	25°10	27°31	27°29	6°43	5°59	F 21
S 22	6 0 56	29°56'17	28° 2	19°21	14°28	20° 6	26°40	10°49	27°20	19°32	25°12	27°31	27°26	6°49	6° 3	S 22
S 23	6 4 52	0♂57'27	11♂1	19°55	15°19	20°26	26°53	10°52	27°20	19°31	25°15	27°30	27°23	6°56	6° 7	S 23
M24	6 8 49	1°58'37	24°14	20°20	16°11	20°46	27° 7	10°56	27°21	19°30	25°17	27°30	27°19	7° 3	6°11	M24
T 25	6 12 46	2°59'47	7♂40	20°35	17° 4	21° 6	27°20	11° 1	27°22	19°29	25°19	27°29	27°16	7° 9	6°16	T 25
W26	6 16 42	4° 0'58	21°21	20°R40	17°57	21°26	27°34	11° 5	27°23	19°28	25°21	27°29	27°13	7°16	6°20	W26
T 27	6 20 39	5° 2'08	5♂15	20°34	18°52	21°45	27°47	11° 9	27°24	19°27	25°24	27°D29	27°10	7°23	6°24	T 27
F 28	6 24 35	6° 3'18	19°23	20°16	19°46	22° 3	28° 1	11°13	27°25	19°26	25°26	27°29	27° 7	7°30	6°28	F 28
S 29	6 28 32	7° 4'27	3♂42	19°46	20°42	22°21	28°15	11°18	27°26	19°25	25°28	27°30	27° 3	7°36	6°33	S 29
S 30	6 32 28	8° 5'37	18°11	19° 4	21°38	22°39	28°29	11°22	27°28	19°24	25°30	27°31	27° 0	7°43	6°37	S 30
M31	6 36 25	9♂ 6'46	2♂44	18♂12	22♂34	22♂56	28♂42	11♂27	27♂29	19♂23	25♂32	27♂31	26♂57	7♂50	6♂41	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s46	4n54	4s43	25s26	2s11	10s19	1n28	9n11	2n10	22s 4	0s26	9s48	2s 2	1s47	0s45	15n10
S 2	21 55	10 43	3 57	25 33	2 13	10 20	1 37	9 2	2 11	22 2	0 26	9 47	2 2	1 47	0 45	15 10
M 3	22 4	15 56	2 55	25 39	2 15	10 21	1 45	8 53	2 12	22 0	0 26	9 46	2 2	1 47	0 45	15 11
T 4	22 12	20 8	1 41	25 43	2 17	10 24	1 53	8 44	2 13	21 58	0 26	9 45	2 2	1 47	0 45	15 11
W 5	22 20	22 58	0 21	25 46	2 18	10 27	2 1	8 35	2 15	21 56	0 26	9 44	2 2	1 47	0 45	15 11
T 6	22 28	24 12	0n59	25 47	2 19	10 32	2 8	8 26	2 16	21 54	0 26	9 43	2 1	1 47	0 45	15 11
F 7	22 35	23 49	2 13	25 47	2 19	10 37	2 15	8 17	2 17	21 52	0 26	9 42	2 1	1 47	0 45	15 11
S 8	22 42	22 0	3 17	25 45	2 19	10 42	2 21	8 9	2 18	21 50	0 26	9 41	2 1	1 47	0 45	15 11
S 9	22 48	19 2	4 9	25 42	2 18	10 49	2 27	8 0	2 19	21 48	0 26	9 39	2 1	1 47	0 45	15 12
M10	22 54	15 14	4 46	25 37	2 17	10 56	2 33	7 52	2 21	21 46	0 26	9 38	2 1	1 47	0 45	15 12
T 11	23 0	10 52	5 9	25 31	2 15	11 4	2 39	7 43	2 22	21 44	0 27	9 37	2 1	1 47	0 45	15 12
W12	23 4	6 10	5 17	25 24	2 12	11 12	2 44	7 35	2 23	21 41	0 27	9 36	2 0	1 47	0 45	15 12
T 13	23 9	1 19	5 11	25 15	2 9	11 21	2 49	7 27	2 24	21 39	0 27	9 35	2 0	1 47	0 45	15 12
F 14	23 13	3s32	4 52	25 4	2 5	11 30	2 54	7 19	2 26	21 37	0 27	9 33	2 0	1 47	0 45	15 13
S 15	23 16	8 15	4 21	24 52	2 0	11 40	2 58	7 11	2 27	21 35	0 27	9 32	2 0	1 46	0 45	15 13
S 16	23 20	12 40	3 38	24 39	1 54	11 50	3 2	7 3	2 28	21 32	0 27	9 30	2 0	1 46	0 44	15 13
M17	23 22	16 38	2 45	24 25	1 47	12 1	3 6	6 56	2 29	21 30	0 27	9 29	2 0	1 46	0 44	15 13
T 18	23 24	19 58	1 45	24 10	1 40	12 12	3 10	6 48	2 31	21 28	0 27	9 28	2 0	1 46	0 44	15 14
W19	23 26	22 28	0 40	23 54	1 31	12 23	3 13	6 41	2 32	21 25	0 27	9 26	1 59	1 45	0 44	15 14
T 20	23 27	23 55	0s29	23 37	1 21	12 35	3 16	6 33	2 33	21 23	0 27	9 25	1 59	1 45	0 44	15 14
F 21	23 28	24 12	1 37	23 19	1 10	12 47	3 19	6 26	2 35	21 20	0 27	9 23	1 59	1 45	0 44	15 15
S 22	23 28	23 13	2 42	23 1	0 58	13 0	3 21	6 19	2 36	21 18	0 27	9 21	1 59	1 44	0 44	15 15
S 23	23 28	20 59	3 39	22 43	0 44	13 12	3 24	6 12	2 38	21 15	0 27	9 20	1 59	1 44	0 44	15 15
M24	23 27	17 38	4 25	22 25	0 29	13 25	3 26	6 6	2 39	21 13	0 27	9 18	1 59	1 44	0 44	15 16
T 25	23 26	13 19	4 59	22 7	0 14	13 38	3 27	5 59	2 40	21 10	0 27	9 16	1 59	1 43	0 44	15 16
W26	23 25	8 16	5 15	21 49	0n 3	13 51	3 29	5 53	2 42	21 7	0 27	9 15	1 58	1 43	0 44	15 16
T 27	23 22	2 43	5 14	21 33	0 21	14 5	3 31	5 47	2 43	21 5	0 27	9 13	1 58	1 42	0 44	15 17
F 28	23 20	3n 3	4 54	21 17	0 40	14 18	3 32	5 41	2 45	21 2	0 28	9 11	1 58	1 42	0 44	15 17
S 29	23 17	8 45	4 16	21 2	0 59	14 32	3 33	5 35	2 46	20 59	0 28	9 9	1 58	1 41	0 44	15 17
S 30	23 13	14 2	3 21	20 49	1 19	14 45	3 34	5 29	2 47	20 57	0 28	9 7	1 58	1 41	0 44	15 18
M31	23s 9	18n33	2s13	20s37	1n38	14s59	3n34	5n23	2n49	20s54	0s28	9s 6	1s58	1s40	0s44	15n18

Julian Day Number = 2363855.5, Delta T = 18.82 sec
Ecliptic obliquity = 23°28'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°23'18, Lahiri = 20°30'19Greg. Calendar