



Astrodienst Ephemeris Tables for the year 1763

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 1763
geocentric

JANUARY 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	6 41 27	10°24'33	23°38	0°13	27°R36	24°47	0°54	17°54	9°17	26°R 5	1°46	29°R44	28°52	10°H 2	21°52	S 1
S 2	6 45 23	11°25'42	8°20	1°46	27°11	25°33	0°55	17°56	9°17	26°R 4	1°48	29°Y33	28°49	10° 9	21°56	S 2
M 3	6 49 20	12°26'50	23° 4	3°19	26°45	26°20	0°56	17°57	9°18	26° 3	1°51	29°23	28°46	10°16	21°59	M 3
T 4	6 53 16	13°27'59	7°41	4°53	26°16	27° 7	0°58	17°59	9°19	26° 2	1°53	29°16	28°42	10°23	22° 3	T 4
W 5	6 57 13	14°29'08	22° 7	6°27	25°46	27°53	1° 0	18° 0	9°20	26° 0	1°55	29°12	28°39	10°29	22° 6	W 5
T 6	7 1 9	15°30'16	6°19	8° 1	25°14	28°40	1° 2	18° 2	9°21	25°59	1°57	29°10	28°36	10°36	22°10	T 6
F 7	7 5 6	16°31'25	20°15	9°36	24°41	29°27	1° 5	18° 4	9°22	25°58	1°59	29°D10	28°33	10°43	22°14	F 7
S 8	7 9 3	17°32'34	3°56	11°12	24° 6	0°H 13	1° 7	18° 6	9°23	25°57	2° 1	29°R10	28°30	10°49	22°17	S 8
S 9	7 12 59	18°33'43	17°22	12°47	23°31	1° 0	1°10	18° 8	9°24	25°56	2° 3	29° 9	28°26	10°56	22°21	S 9
M10	7 16 56	19°34'52	0°13	14°24	22°55	1°47	1°13	18°10	9°25	25°54	2° 5	29° 6	28°23	11° 3	22°25	M10
T 11	7 20 52	20°36'01	13°37	16° 0	22°18	2°33	1°16	18°12	9°26	25°53	2° 7	28°59	28°20	11° 9	22°29	T 11
W12	7 24 49	21°37'09	26°29	17°38	21°41	3°20	1°19	18°15	9°27	25°52	2°10	28°50	28°17	11°16	22°32	W12
T 13	7 28 45	22°38'17	9°3 9	19°15	21° 5	4° 6	1°23	18°17	9°29	25°50	2°12	28°38	28°14	11°23	22°36	T 13
F 14	7 32 42	23°39'25	21°40	20°54	20°28	4°53	1°27	18°20	9°30	25°49	2°14	28°24	28°11	11°29	22°40	F 14
S 15	7 36 38	24°40'32	4°0 0	22°33	19°52	5°40	1°31	18°22	9°31	25°48	2°16	28° 9	28° 7	11°36	22°44	S 15
S 16	7 40 35	25°41'38	16° 9	24°12	19°17	6°26	1°35	18°25	9°33	25°46	2°18	27°54	28° 4	11°43	22°48	S 16
M17	7 44 32	26°42'44	28°10	25°52	18°43	7°13	1°39	18°28	9°34	25°45	2°20	27°42	28° 1	11°49	22°52	M17
T 18	7 48 28	27°43'49	10°H 3	27°32	18°10	7°59	1°44	18°31	9°36	25°43	2°22	27°32	27°58	11°56	22°56	T 18
W19	7 52 25	28°44'53	21°51	29°13	17°39	8°46	1°48	18°34	9°37	25°42	2°24	27°25	27°55	12° 3	23° 0	W19
T 20	7 56 21	29°45'56	3°Y39	0°55	17° 9	9°32	1°53	18°37	9°39	25°41	2°26	27°21	27°52	12°10	23° 4	T 20
F 21	8 0 18	0°46'57	15°30	2°37	16°41	10°19	1°58	18°41	9°41	25°39	2°28	27°19	27°48	12°16	23° 8	F 21
S 22	8 4 14	1°47'58	27°30	4°20	16°15	11° 5	2° 4	18°44	9°42	25°38	2°30	27°19	27°45	12°23	23°12	S 22
S 23	8 8 11	2°48'58	9°B45	6° 3	15°51	11°51	2° 9	18°48	9°44	25°36	2°32	27°19	27°42	12°30	23°16	S 23
M24	8 12 7	3°49'57	22°19	7°47	15°29	12°38	2°15	18°51	9°46	25°35	2°33	27°18	27°39	12°36	23°20	M24
T 25	8 16 4	4°50'54	5°H 18	9°32	15° 9	13°24	2°20	18°55	9°48	25°33	2°35	27°15	27°36	12°43	23°24	T 25
W26	8 20 1	5°51'51	18°45	11°17	14°52	14°11	2°26	18°59	9°50	25°31	2°37	27° 9	27°32	12°50	23°28	W26
T 27	8 23 57	6°52'46	2°B42	13° 2	14°37	14°57	2°32	19° 3	9°52	25°30	2°39	27° 1	27°29	12°56	23°32	T 27
F 28	8 27 54	7°53'40	17° 6	14°48	14°25	15°43	2°39	19° 7	9°54	25°28	2°41	26°50	27°26	13° 3	23°36	F 28
S 29	8 31 50	8°54'33	1°B54	16°34	14°15	16°29	2°45	19°11	9°56	25°27	2°43	26°39	27°23	13°10	23°40	S 29
S 30	8 35 47	9°55'25	16°57	18°20	14° 8	17°16	2°52	19°15	9°58	25°25	2°45	26°27	27°20	13°16	23°44	S 30
M31	8 39 43	10°56'15	2°H 5	20°5 7	14°B 3	18°H 2	2°58	19°Y19	10°Y 0	25°24	2°B46	26°Y17	27°Y17	13°H23	23°48	M31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	lat
S 1	23s 4	26n19	5n 0	24s23	0s54	17s52	2n51	14s18	1s 5	10n40	1s12	4n41	2s33	3n 4	0s40	13n18	0n30	18s51	4n36	11n23	11n 5	11s24	8s34	5n59										
S 2	22 59	23 0	4 58	24 28	1 0	17 42	3 7	14 2	1 4	10 41	1 12	4 42	2 32	3 4	0 40	13 19	0 30	18 51	4 36	11 20	11 4	11 21	8 33	5 59										
M 3	22 53	18 12	4 36	24 32	1 6	17 31	3 23	13 45	1 3	10 42	1 11	4 42	2 32	3 4	0 40	13 19	0 30	18 51	4 36	11 16	11 3	11 18	8 32	5 59										
T 4	22 47	12 22	3 57	24 34	1 12	17 21	3 38	13 28	1 3	10 43	1 11	4 43	2 32	3 5	0 40	13 19	0 30	18 51	4 36	11 14	11 2	11 15	8 31	5 59										
W 5	22 41	5 55	3 3	24 36	1 17	17 12	3 53	13 12	1 2	10 44	1 11	4 44	2 31	3 5	0 40	13 20	0 30	18 51	4 36	11 12	11 1	11 12	8 30	5 58										
T 6	22 34	0s43	1 58	24 36	1 22	17 3	4 8	12 55	1 1	10 45	1 11	4 45	2 31	3 6	0 40	13 20	0 30	18 51	4 36	11 12	10 59	11 9	8 29	5 58										
F 7	22 27	7 12	0 47	24 34	1 27	16 54	4 23	12 38	1 1	10 46	1 10	4 46	2 31	3 6	0 40	13 21	0 30	18 51	4 36	11 12	10 58	11 5	8 28	5 58										
S 8	22 19	13 14	0s25	24 31	1 31	16 45	4 38	12 21	1 0	10 47	1 10	4 47	2 31	3 6	0 40	13 21	0 30	18 52	4 36	11 12	10 57	11 2	8 27	5 58										
S 9	22 11	18 33	1 35	24 27	1 36	16 38	4 52	12 3	0 59	10 48	1 10	4 48	2 30	3 7	0 40	13 22	0 30	18 52	4 36	11 11	10 56	10 59	8 26	5 57										
M10	22 2	22 52	2 38	24 21	1 40	16 30	5 5	11 46	0 59	10 50	1 9	4 49	2 30	3 7	0 40	13 22	0 30	18 52	4 36	11 10	10 55	10 56	8 26	5 57										
T 11	21 53	25 58	3 32	24 14	1 44	16 23	5 19	11 29	0 58	10 51	1 9	4 50	2 30	3 8	0 40	13 23	0 30	18 52	4 36	11 8	10 54	10 53	8 25	5 57										
W12	21 44	27 39	4 14	24 5	1 47	16 16	5 31	11 11	0 57	10 53	1 9	4 52	2 30	3 8	0 40	13 23	0 30	18 52	4 36	11 4	10 53	10 50	8 24	5 57										
T 13	21 34	27 51	4 43	23 55	1 51	16 10	5 43	10 54	0 56	10 54	1 8	4 53	2 29	3 9	0 40	13 23	0 30	18 52	4 36	11 0	10 52	10 47	8 23	5 56										
F 14	21 24	26 37	4 57	23 43	1 54	16 5	5 54	10 36	0 56	10 56	1 8	4 54	2 29	3 9	0 40	13 24	0 30	18 52	4 36	10 55	10 50	10 44	8 22	5 56										
S 15	21 13	24 6	4 58	23 30	1 56	15 59	6 4	10 18	0 55	10 57	1 8	4 55	2 29	3 10	0 40	13 24	0 30	18 52	4 36	10 50	10 49	10 41	8 21	5 56										
S 16	21 2	20 32	4 45	23 15	1 59	15 55	6 14	10 0	0 54	10 59	1 7	4 57	2 28	3 11	0 40	13 25	0 30	18 52	4 36	10 45	10 48	10 37	8 19	5 56										
M17	20 51	16 10	4 19	22 59	2 1	15 51	6 23	9 42	0 54	11 1	1 7	4 58	2 28	3 11	0 40	13 25	0 30	18 52	4 35	10 40	10 47	10 34	8 18	5 56										
T 18	20 39	11 14	3 42	22 41	2 2	15 47	6 31	9 24	0 53	11 3	1 7	4 59	2 28	3 12	0 40	13 26	0 30	18 52	4 35	10 37	10 46	10 31	8 17	5 55										
W19	20 26	5 55	2 56	22 21	2 4	15 44	6 38	9 6	0 52	11 5	1 7	5 1	2 28	3 13	0 40	13 26	0 30	18 52	4 35	10 34	10 45	10 28	8 16	5 55										
T 20	20 14	0 25	2 2	22 0	2 4	15 41	6 44	8 48	0 51	11 7	1 6	5 2	2 27	3 13	0 40	13 27	0 30	18 52	4 35	10 33	10 44	10 25	8 15	5 55										
F 21	20 1	5n 9	1 2	21 38	2 5	15 39	6 50	8 30	0 51	11 9	1 6	5 4	2 27	3 14	0 40	13 27	0 30	18 52	4 35	10 32	10 42	10 22	8 14	5 55										
S 22	19 47	10 37	0n 1	21 13	2 5	15 37	6 55	8 11	0 50	11 11	1 6	5 5	2 27	3 15	0 40	13 28	0 30	18 52	4 35	10 32	10 41	10 19	8 13	5 55										
S 23	19 33	15 47	1 5	20 48	2 4	15 36	6 59	7 53	0 49	11 13	1 5	5 7	2 27	3 15	0 40	13 28	0 30	18 52	4 35	10 32	10 40	10 15	8 12	5 55										
M24	19 19	20 26	2 8	20 20	2 4	15 35	7 2	7 35	0 48	11 15	1 5	5 8	2 26	3 16	0 40	13 29	0 30	18 52	4 35	10 31	10 39	10 12	8 11	5 54										
T 25	19 5	24 16	3 6	19 51	2 2	15 35	7 4	7 16	0 48	11 17	1 5	5 10	2 26	3 17	0 40	13 30	0 30	18 52	4 35	10 30	10 38	10 9	8 9	5 54										
W26	18 50	26 55	3 56	19 21	2 0	15 35	7 6	6 57	0 47	11 19	1 5	5 12	2 26	3 18	0 40	13 30	0 30	18 52	4 35	10 28	10 37	10 6	8 8	5 54										
T 27	18 35	28 1	4 34	18 49	1 58	15 35	7 7	6 39	0 46	11 22	1 4	5 13	2 26	3 18	0 39	13 31	0 30	18 52	4 35	10 25	10 36	10 3	8 7	5 54										
F 28	18 19	27 17	4 56	18 15	1 55	15 36	7 8	6 20	0 46	11 24	1 4	5 15	2 25	3 19	0 39	13 31	0 30	18 52	4 35	10 22	10 34	10 0	8 6	5 54										
S 29	18 3	24 37	4 59	17 40	1 52	15 37	7 7	6 2	0 45	11 27	1 4	5 17	2 25	3 20	0 39	13 32	0 30	18 52	4 35	10 17	10 33	9 56	8 5	5 54										
S 30	17 47	20 15	4 42	17 3	1 47	15 39	7 7	5 43	0 44	11 29	1 3	5 19	2 25	3 21	0 39	13 32	0 30	18 52	4 35	10 13	10 32	9 53	8 4	5 53										
M31	17s31	14n33	4n 5	16s25	1s43	15s41	7n 5	5s24	0s43	11n32	1s 3	5n20	2s25	3n22	0s39	13n33	0n30	18s51	4n35	10n10	10n31	9s50	8s 2	5n53										

ASTRODIENST EPHEMERIS for the year 1763

geocentric

FEBRUARY 1763

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 40	11 ⁵⁷ 05	17 ¹⁷ 8	21 ⁵³	14 ^D 1	18 ⁴⁸	3 ⁸ 5	19 ²³	10 ²	25 ^R 22	2 ⁴⁸	26 ^R 10	27 ¹³	13 ³⁰	23 ⁵³	T 1
W 2	8 47 36	12 ⁵⁷ 53	1 ⁵⁶	23 ⁴⁰	14 ³ 1	19 ³⁴	3 ¹²	19 ²⁸	10 ⁴	25 ²⁰	2 ⁵⁰	26 ⁵	27 ¹⁰	13 ³⁶	23 ⁵⁷	W 2
T 3	8 51 33	13 ⁵⁸ 41	16 ²⁵	25 ²⁶	14 ³ 3	20 ²⁰	3 ²⁰	19 ³²	10 ⁶	25 ¹⁹	2 ⁵²	26 ³	27 ⁷	13 ⁴³	24 ¹	T 3
F 4	8 55 30	14 ⁵⁹ 28	0 ³¹	27 ¹¹	14 ⁸ 8	21 ⁶	3 ²⁷	19 ³⁷	10 ⁸	25 ¹⁷	2 ⁵³	26 ^D 3	27 ⁴	13 ⁵⁰	24 ⁵	F 4
S 5	8 59 26	16 ⁰ 13	14 ¹⁵	28 ⁵⁶	14 ¹⁶	21 ⁵²	3 ³⁵	19 ⁴¹	10 ¹¹	25 ¹⁵	2 ⁵⁵	26 ^R 3	27 ¹	13 ⁵⁶	24 ⁹	S 5
S 6	9 3 23	17 ⁰ 58	27 ³⁷	0 ³⁹	14 ²⁵	22 ³⁸	3 ⁴²	19 ⁴⁶	10 ¹³	25 ¹⁴	2 ⁵⁷	26 ³	26 ⁵⁸	14 ³	24 ¹⁴	S 6
M 7	9 7 19	18 ¹ 42	10 ⁴¹	2 ²²	14 ³⁷	23 ²⁴	3 ⁵⁰	19 ⁵¹	10 ¹⁵	25 ¹²	2 ⁵⁹	26 ¹	26 ⁵⁴	14 ¹⁰	24 ¹⁸	M 7
T 8	9 11 16	19 ² 25	23 ³⁰	4 ²	14 ⁵¹	24 ¹⁰	3 ⁵⁸	19 ⁵⁶	10 ¹⁸	25 ¹⁰	3 ⁰	25 ⁵⁶	26 ⁵¹	14 ¹⁷	24 ²²	T 8
W 9	9 15 12	20 ³ 07	6 ³ 5	5 ⁴⁰	15 ⁷	24 ⁵⁶	4 ⁶	20 ¹	10 ²⁰	25 ⁹	3 ²	25 ⁴⁸	26 ⁴⁸	14 ²³	24 ²⁶	W 9
T 10	9 19 9	21 ³ 47	18 ²⁹	7 ¹⁵	15 ²⁵	25 ⁴²	4 ¹⁵	20 ⁶	10 ²³	25 ⁷	3 ³	25 ³⁸	26 ⁴⁵	14 ³⁰	24 ³¹	T 10
F 11	9 23 6	22 ⁴ 26	0 ⁴⁴	8 ⁴⁷	15 ⁴⁵	26 ²⁸	4 ²³	20 ¹¹	10 ²⁵	25 ⁵	3 ⁵	25 ²⁶	26 ⁴²	14 ³⁷	24 ³⁵	F 11
S 12	9 27 2	23 ⁵ 04	12 ⁵¹	10 ¹⁴	16 ⁷	27 ¹⁴	4 ³²	20 ¹⁶	10 ²⁸	25 ⁴	3 ⁷	25 ¹³	26 ³⁸	14 ⁴³	24 ³⁹	S 12
S 13	9 30 59	24 ⁵ 40	24 ⁵⁰	11 ³⁷	16 ³⁰	28 ⁰	4 ⁴⁰	20 ²¹	10 ³⁰	25 ²	3 ⁸	25 ¹	26 ³⁵	14 ⁵⁰	24 ⁴³	S 13
M14	9 34 55	25 ⁶ 15	6 ⁴⁵	12 ⁵⁵	16 ⁵⁶	28 ⁴⁶	4 ⁴⁹	20 ²⁷	10 ³³	25 ⁰	3 ¹⁰	24 ⁵¹	26 ³²	14 ⁵⁷	24 ⁴⁸	M14
T 15	9 38 52	26 ⁶ 48	18 ³⁵	14 ⁷	17 ²³	29 ³¹	4 ⁵⁸	20 ³²	10 ³⁶	24 ⁵⁹	3 ¹¹	24 ⁴²	26 ²⁹	15 ³	24 ⁵²	T 15
W16	9 42 48	27 ⁷ 20	0 ²²	15 ¹²	17 ⁵²	0 ¹⁷	5 ⁷	20 ³⁸	10 ³⁸	24 ⁵⁷	3 ¹³	24 ³⁶	26 ²⁶	15 ¹⁰	24 ⁵⁶	W16
T 17	9 46 45	28 ⁷ 49	12 ¹¹	16 ¹⁰	18 ²²	1 ³	5 ¹⁷	20 ⁴³	10 ⁴¹	24 ⁵⁵	3 ¹⁴	24 ³³	26 ²³	15 ¹⁷	25 ⁰	T 17
F 18	9 50 41	29 ⁸ 17	24 ³	17 ⁰	18 ⁵⁴	1 ⁴⁸	5 ²⁶	20 ⁴⁹	10 ⁴⁴	24 ⁵⁴	3 ¹⁵	24 ^D 32	26 ¹⁹	15 ²³	25 ⁴	F 18
S 19	9 54 38	0 ⁸ 43	6 ⁸ 3	17 ⁴²	19 ²⁷	2 ³⁴	5 ³⁵	20 ⁵⁵	10 ⁴⁷	24 ⁵²	3 ¹⁷	24 ³³	26 ¹⁶	15 ³⁰	25 ⁹	S 19
S 20	9 58 34	1 ⁹ 08	18 ¹⁵	18 ¹⁴	20 ¹	3 ²⁰	5 ⁴⁵	21 ⁰	10 ⁴⁹	24 ⁵⁰	3 ¹⁸	24 ³⁴	26 ¹³	15 ³⁷	25 ¹³	S 20
M21	10 2 31	2 ⁹ 30	0 ⁴⁶	18 ³⁷	20 ³⁷	4 ⁵	5 ⁵⁵	21 ⁶	10 ⁵²	24 ⁴⁹	3 ¹⁹	24 ^R 34	26 ¹⁰	15 ⁴³	25 ¹⁷	M21
T 22	10 6 28	3 ⁹ 50	13 ³⁹	18 ⁵⁰	21 ¹⁵	4 ⁵¹	6 ⁵	21 ¹²	10 ⁵⁵	24 ⁴⁷	3 ²¹	24 ³⁴	26 ⁷	15 ⁵⁰	25 ²¹	T 22
W23	10 10 24	4 ¹⁰ 09	26 ⁵⁹	18 ^R 54	21 ⁵³	5 ³⁶	6 ¹⁵	21 ¹⁸	10 ⁵⁸	24 ⁴⁵	3 ²²	24 ³¹	26 ³	15 ⁵⁷	25 ²⁶	W23
T 24	10 14 21	5 ¹⁰ 25	10 ⁵⁴	18 ⁴⁸	22 ³³	6 ²¹	6 ²⁵	21 ²⁴	11 ¹	24 ⁴⁴	3 ²³	24 ²⁷	26 ⁰	16 ³	25 ³⁰	T 24
F 25	10 18 17	6 ¹⁰ 40	25 ⁷	18 ³²	23 ¹³	7 ⁷	6 ³⁵	21 ³⁰	11 ⁴	24 ⁴²	3 ²⁴	24 ²¹	25 ⁵⁷	16 ¹⁰	25 ³⁴	F 25
S 26	10 22 14	7 ¹⁰ 52	9 ⁵³	18 ⁷	23 ⁵⁵	7 ⁵²	6 ⁴⁵	21 ³⁶	11 ⁷	24 ⁴⁰	3 ²⁶	24 ¹³	25 ⁵⁴	16 ¹⁷	25 ³⁸	S 26
S 27	10 26 10	8 ¹¹ 03	24 ⁵⁸	17 ³³	24 ³⁸	8 ³⁷	6 ⁵⁶	21 ⁴²	11 ¹⁰	24 ³⁹	3 ²⁷	24 ⁶	25 ⁵¹	16 ²³	25 ⁴²	S 27
M28	10 30 7	9 ¹¹ 11	10 ¹⁵	16 ⁵²	25 ²²	9 ²³	7 ⁸ 6	21 ⁴⁹	11 ¹³	24 ³⁷	3 ²⁸	24 ^Y 0	25 ⁴⁸	16 ³⁰	25 ⁴⁶	M28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s14	8n 1	3n11	15s46	1s37	15s43	7n 3	5s 5	0s43	11n34	1s 3	5n22	2s24	3n23	0s39	13n33
W 2	16 57	1 8	2 4	15 5	1 31	15 45	7 1	4 47	0 42	11 37	1 3	5 24	2 24	3 23	0 39	13 34
T 3	16 39	5s41	0 51	14 23	1 25	15 48	6 58	4 28	0 41	11 40	1 2	5 26	2 24	3 24	0 39	13 35
F 4	16 22	12 2	0s24	13 41	1 17	15 51	6 55	4 9	0 40	11 43	1 2	5 28	2 24	3 25	0 39	13 35
S 5	16 4	17 39	1 35	12 57	1 9	15 54	6 51	3 50	0 40	11 45	1 2	5 30	2 23	3 26	0 39	13 36
S 6	15 45	22 15	2 39	12 12	1 0	15 57	6 47	3 31	0 39	11 48	1 2	5 32	2 23	3 27	0 39	13 36
M 7	15 27	25 36	3 34	11 26	0 51	16 0	6 43	3 12	0 38	11 51	1 1	5 34	2 23	3 28	0 39	13 37
T 8	15 8	27 34	4 16	10 40	0 41	16 3	6 38	2 53	0 37	11 54	1 1	5 36	2 23	3 29	0 39	13 37
W 9	14 49	28 5	4 45	9 54	0 29	16 6	6 33	2 34	0 37	11 57	1 1	5 38	2 23	3 30	0 39	13 38
T 10	14 30	27 9	5 0	9 8	0 18	16 9	6 28	2 15	0 36	12 0	1 1	5 40	2 22	3 31	0 39	13 39
F 11	14 10	24 55	5 1	8 22	0 5	16 13	6 23	1 57	0 35	12 3	1 0	5 42	2 22	3 32	0 39	13 39
S 12	13 51	21 35	4 49	7 37	0n 8	16 16	6 17	1 38	0 34	12 6	1 0	5 44	2 22	3 33	0 39	13 40
S 13	13 31	17 23	4 23	6 53	0 22	16 19	6 11	1 19	0 34	12 9	1 0	5 47	2 22	3 34	0 39	13 40
M14	13 10	12 33	3 46	6 10	0 36	16 22	6 5	1 0	0 33	12 13	1 0	5 49	2 21	3 35	0 39	13 41
T 15	12 50	7 17	3 0	5 29	0 50	16 25	5 59	0 41	0 32	12 16	0 59	5 51	2 21	3 36	0 39	13 41
W16	12 29	1 46	2 6	4 50	1 5	16 27	5 52	0 22	0 31	12 19	0 59	5 53	2 21	3 37	0 39	13 42
T 17	12 8	3n49	1 6	4 13	1 21	16 30	5 46	0 3	0 31	12 22	0 59	5 56	2 21	3 38	0 39	13 43
F 18	11 47	9 18	0 3	3 40	1 36	16 32	5 39	0n16	0 30	12 26	0 59	5 58	2 21	3 39	0 39	13 43
S 19	11 26	14 31	1n 2	3 9	1 52	16 34	5 33	0 35	0 29	12 29	0 58	6 0	2 20	3 41	0 39	13 44
S 20	11 5	19 16	2 4	2 43	2 7	16 36	5 26	0 53	0 28	12 32	0 58	6 2	2 20	3 42	0 39	13 44
M21	10 43	23 19	3 2	2 20	2 21	16 38	5 19	1 12	0 28	12 36	0 58	6 5	2 20	3 43	0 39	13 45
T 22	10 22	26 20	3 53	2 2	2 36	16 39	5 12	1 31	0 27	12 39	0 58	6 7	2 20	3 44	0 39	13 45
W23	10 0	27 59	4 33	1 48	2 49	16 40	5 5	1 50	0 26	12 43	0 58	6 10	2 20	3 45	0 39	13 46
T 24	9 38	28 0	4 59	1 40	3 1	16 41	4 58	2 8	0 25	12 46	0 57	6 12	2 20	3 46	0 39	13 47
F 25	9 15	26 11	5 8	1 36	3 12	16 41	4 51	2 27	0 25	12 50	0 57	6 14	2 19	3 47	0 39	13 47
S 26	8 53	22 33	4 56	1 37	3 22	16 42	4 44	2 46	0 24	12 54	0 57	6 17	2 19	3 49	0 39	13 48
S 27	8 31	17 22	4 25	1 42	3 30	16 41	4 36	3 4	0 23	12 57	0 57	6 19	2 19	3 50	0 39	13 48
M28	8s 8	11n 2	3n34	1s53	3n36	16s41	4n29	3n23	0s22	13n 1	0s56	6n22	2s19	3n51	0s39	13n49

Julian Day Number = 2365013.5, Delta T = 19.64 sec

Ecliptic obliquity = 23°28'21", Nutation = - 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°25'58", Lahiri = 20°32'58"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1763
geocentric

MARCH 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 34 3	10♈11'18	25♎31	16°R 5	26♋7	10♌8	7♎17	21♏55	11♐16	24°R35	3♑29	23°R55	25♒44	16♈37	25♉51	T 1
W 2	10 38 0	11°11'23	10♌37	15♈12	26°53	10°53	7°28	22° 1	11°19	24♎34	3°30	23♏52	25°41	16°43	25°55	W 2
T 3	10 41 57	12°11'26	25°24	14°15	27°40	11°38	7°38	22° 8	11°22	24°32	3°31	23°D51	25°38	16°50	25°59	T 3
F 4	10 45 53	13°11'27	9♌47	13°15	28°27	12°23	7°49	22°14	11°25	24°31	3°32	23°52	25°35	16°57	26° 3	F 4
S 5	10 49 50	14°11'27	23°43	12°15	29°16	13° 8	8° 0	22°21	11°28	24°29	3°33	23°54	25°32	17° 3	26° 7	S 5
S 6	10 53 46	15°11'26	7♌14	11°15	0♋5	13°53	8°12	22°27	11°31	24°28	3°34	23°55	25°29	17°10	26°11	S 6
M 7	10 57 43	16°11'23	20°20	10°16	0°55	14°38	8°23	22°34	11°35	24°26	3°35	23°R55	25°25	17°17	26°15	M 7
T 8	11 1 39	17°11'18	3♑6	9°20	1°46	15°23	8°34	22°41	11°38	24°24	3°36	23°54	25°22	17°23	26°19	T 8
W 9	11 5 36	18°11'12	15°34	8°28	2°37	16° 8	8°46	22°47	11°41	24°23	3°37	23°51	25°19	17°30	26°23	W 9
T 10	11 9 32	19°11'04	27°49	7°40	3°29	16°52	8°57	22°54	11°44	24°21	3°38	23°46	25°16	17°37	26°27	T 10
F 11	11 13 29	20°10'54	9♋54	6°58	4°22	17°37	9° 9	23° 1	11°47	24°20	3°39	23°41	25°13	17°44	26°31	F 11
S 12	11 17 26	21°10'42	21°52	6°21	5°15	18°22	9°20	23° 8	11°51	24°19	3°39	23°34	25° 9	17°50	26°35	S 12
S 13	11 21 22	22°10'28	3♈44	5°51	6° 9	19° 7	9°32	23°15	11°54	24°17	3°40	23°28	25° 6	17°57	26°39	S 13
M14	11 25 19	23°10'13	15°34	5°27	7° 4	19°51	9°44	23°22	11°57	24°16	3°41	23°23	25° 3	18° 4	26°43	M14
T 15	11 29 15	24° 9'55	27°22	5° 9	7°59	20°36	9°56	23°29	12° 0	24°14	3°42	23°19	25° 0	18°10	26°47	T 15
W16	11 33 12	25° 9'35	9♏12	4°57	8°55	21°20	10° 8	23°36	12° 4	24°13	3°42	23°17	24°57	18°17	26°50	W16
T 17	11 37 8	26° 9'14	21° 5	4°D52	9°51	22° 5	10°20	23°43	12° 7	24°11	3°43	23°D16	24°54	18°24	26°54	T 17
F 18	11 41 5	27° 8'50	3♊3	4°52	10°48	22°49	10°32	23°50	12°10	24°10	3°43	23°16	24°50	18°30	26°58	F 18
S 19	11 45 1	28° 8'24	15° 9	4°59	11°45	23°34	10°44	23°57	12°14	24° 9	3°44	23°18	24°47	18°37	27° 2	S 19
S 20	11 48 58	29° 7'56	27°27	5°10	12°42	24°18	10°57	24° 4	12°17	24° 7	3°45	23°19	24°44	18°44	27° 6	S 20
M21	11 52 55	0♏725	10♌0	5°28	13°40	25° 2	11° 9	24°11	12°21	24° 6	3°45	23°21	24°41	18°50	27° 9	M21
T 22	11 56 51	1° 6'53	22°52	5°50	14°39	25°47	11°22	24°18	12°24	24° 5	3°46	23°22	24°38	18°57	27°13	T 22
W23	12 0 48	2° 6'18	6♋7	6°17	15°38	26°31	11°34	24°26	12°27	24° 4	3°46	23°R22	24°35	19° 4	27°17	W23
T 24	12 4 44	3° 5'41	19°47	6°48	16°37	27°15	11°47	24°33	12°31	24° 2	3°46	23°21	24°31	19°10	27°20	T 24
F 25	12 8 41	4° 5'01	3♌53	7°24	17°36	27°59	11°59	24°40	12°34	24° 1	3°47	23°20	24°28	19°17	27°24	F 25
S 26	12 12 37	5° 4'19	18°23	8° 4	18°36	28°43	12°12	24°48	12°38	24° 0	3°47	23°17	24°25	19°24	27°27	S 26
S 27	12 16 34	6° 3'35	3♎15	8°47	19°37	29°27	12°25	24°55	12°41	23°59	3°47	23°15	24°22	19°30	27°31	S 27
M28	12 20 30	7° 2'48	18°21	9°34	20°37	0♊11	12°38	25° 2	12°44	23°58	3°48	23°13	24°19	19°37	27°34	M28
T 29	12 24 27	8° 1'59	3♌33	10°24	21°38	0°55	12°51	25°10	12°48	23°56	3°48	23°12	24°15	19°44	27°38	T 29
W30	12 28 24	9° 1'08	18°40	11°18	22°40	1°39	13° 4	25°17	12°51	23°55	3°48	23°D11	24°12	19°50	27°41	W30
T 31	12 32 20	10♏0'15	3♌34	12♈15	23♋41	2♊23	13♎17	25♏25	12♐55	23♌54	3♑48	23♏11	24♒9	19♈57	27♉45	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	decl	lat
T 1	7s46	4n 2	2n27	2s 7	3n40	16s40	4n22	3n41	0s22	13n 4	0s56	6n24	2s19	3n52	0s39	13n49	0n30	18s50	4n36	9n17	9n58	8s17	7s24	5n52
W 2	7 23	3s 7	1 11	2 26	3 42	16 38	4 15	3 59	0 21	13 8	0 56	6 27	2 19	3 53	0 39	13 50	0 30	18 50	4 36	9 16	9 57	8 14	7 22	5 52
T 3	7 0	9 58	0s 8	2 48	3 42	16 37	4 8	4 18	0 20	13 12	0 56	6 29	2 18	3 55	0 39	13 50	0 30	18 50	4 36	9 16	9 55	8 11	7 21	5 52
F 4	6 37	16 7	1 25	3 12	3 40	16 35	4 0	4 36	0 20	13 16	0 56	6 32	2 18	3 56	0 39	13 51	0 30	18 50	4 36	9 17	9 54	8 7	7 19	5 52
S 5	6 14	21 14	2 35	3 39	3 35	16 32	3 53	4 54	0 19	13 19	0 55	6 34	2 18	3 57	0 38	13 51	0 30	18 50	4 36	9 17	9 53	8 4	7 18	5 52
S 6	5 51	25 4	3 34	4 8	3 29	16 29	3 46	5 12	0 18	13 23	0 55	6 37	2 18	3 58	0 38	13 52	0 30	18 50	4 36	9 17	9 52	8 1	7 16	5 52
M 7	5 27	27 26	4 20	4 37	3 21	16 25	3 39	5 30	0 17	13 27	0 55	6 40	2 18	4 0	0 38	13 52	0 30	18 50	4 36	9 18	9 51	7 58	7 15	5 53
T 8	5 4	28 17	4 51	5 7	3 12	16 22	3 31	5 48	0 17	13 31	0 55	6 42	2 18	4 1	0 38	13 53	0 31	18 50	4 36	9 17	9 50	7 54	7 14	5 53
W 9	4 41	27 40	5 8	5 37	3 1	16 17	3 24	6 6	0 16	13 35	0 55	6 45	2 17	4 2	0 38	13 54	0 31	18 50	4 36	9 16	9 48	7 51	7 12	5 53
T 10	4 17	25 42	5 10	6 6	2 48	16 12	3 17	6 24	0 15	13 38	0 54	6 47	2 17	4 3	0 38	13 54	0 31	18 50	4 36	9 14	9 47	7 48	7 11	5 53
F 11	3 54	22 35	4 59	6 34	2 35	16 7	3 10	6 42	0 14	13 42	0 54	6 50	2 17	4 5	0 38	13 55	0 31	18 49	4 36	9 12	9 46	7 45	7 9	5 53
S 12	3 30	18 34	4 34	7 0	2 22	16 1	3 3	7 0	0 14	13 46	0 54	6 53	2 17	4 6	0 38	13 55	0 31	18 49	4 36	9 10	9 45	7 41	7 8	5 53
S 13	3 7	13 51	3 58	7 25	2 7	15 55	2 56	7 17	0 13	13 50	0 54	6 55	2 17	4 7	0 38	13 56	0 31	18 49	4 36	9 8	9 44	7 38	7 7	5 53
M14	2 43	8 39	3 12	7 47	1 52	15 49	2 49	7 35	0 12	13 54	0 54	6 58	2 17	4 9	0 38	13 56	0 31	18 49	4 36	9 6	9 43	7 35	7 5	5 53
T 15	2 19	3 9	2 17	8 7	1 38	15 41	2 42	7 52	0 12	13 58	0 54	7 1	2 17	4 10	0 38	13 56	0 31	18 49	4 36	9 4	9 41	7 32	7 4	5 53
W16	1 56	2n29	1 16	8 26	1 23	15 34	2 35	8 10	0 11	14 2	0 53	7 3	2 17	4 11	0 38	13 57	0 31	18 49	4 36	9 3	9 40	7 28	7 2	5 53
T 17	1 32	8 3	0 12	8 41	1 8	15 26	2 28	8 27	0 10	14 6	0 53	7 6	2 16	4 13	0 38	13 57	0 31	18 49	4 36	9 3	9 39	7 25	7 1	5 54
F 18	1 8	13 23	0n54	8 55	0 53	15 17	2 21	8 44	0 9	14 10	0 53	7 9	2 16	4 14	0 38	13 58	0 31	18 49	4 36	9 3	9 38	7 22	7 0	5 54
S 19	0 44	18 17	1 58	9 6	0 39	15 8	2 14	9 1	0 9	14 14	0 53	7 12	2 16	4 15	0 38	13 58	0 31	18 49	4 36	9 4	9 37	7 18	6 58	5 54
S 20	0 21	22 30	2 57	9 14	0 25	14 59	2 8	9 19	0 8	14 18	0 53	7 14	2 16	4 16	0 38	13 59	0 31	18 49	4 36	9 4	9 36	7 15	6 57	5 54
M21	0n 3	25 46	3 50	9 21	0 11	14 49	2 1	9 35	0 7	14 22	0 52	7 17	2 16	4 18	0 38	13 59	0 31	18 49	4 36	9 5	9 34	7 12	6 55	5 54
T 22	0 27	27 49	4 32	9 25	0s 2	14 38	1 54	9 52	0 7	14 26	0 52	7 20	2 16	4 19	0 38	14 0	0 31	18 49	4 36	9 5	9 33	7 9	6 54	5 54
W23	0 50	28 21	5 1	9 27	0 14	14 27	1 48	10 9	0 6	14 30	0 52	7 23	2 16	4 20	0 38	14 0	0 31	18 49	4 37	9 5	9 32	7 5	6 53	5 54
T 24	1 14	27 12	5 15	9 26	0 27	14 16	1 41	10 26	0 5	14 34	0 52	7 25	2 16	4 22	0 38	14 0	0 31	18 49	4 37	9 5	9 31	7 2	6 51	5 55
F 25	1 38	24 20	5 10	9 24	0 38	14 4	1 35	10 42	0 5	14 38	0 52	7 28	2 16	4 23	0 38	14 1	0 31	18 49	4 37	9 4	9 30	6 59	6 50	5 55
S 26	2 1	19 52	4 46	9 19	0 49	13 52	1 29	10 58	0 4	14 42	0 52	7 31	2 16	4 24	0 38	14 1	0 31	18 49	4 37	9 4	9 29	6 55	6 49	5 55
S 27	2 25	14 5	4 2	9 13	1 0	13 39	1 22	11 15	0 3	14 46	0 52	7 34	2 15	4 26	0 38	14 2	0 31	18 48	4 37	9 3	9 27	6 52	6 47	5 55
M28	2 48	7 23	3 1	9 5	1 10	13 26	1 16	11 31	0 3	14 50	0 51	7 36	2 15	4 27	0 38	14 2	0 31	18 48	4 37	9 2	9 26	6 49	6 46	5 55
T 29	3 11	0 13	1 47	8 54	1 20	13 12	1 10	11 47	0 2	14 54	0 51	7 39	2 15	4 29	0 38	14 2	0 31	18 48	4 37	9 2	9 25	6 46	6 45	5 55
W30	3 35	6s56	0 25	8 42	1 29	12 58	1 4	12 3	0 1	14 58	0 51	7 42	2 15	4 30	0 38	14 3	0 31	18 48	4 37	9 1	9 24	6 42	6 43	5 56
T 31	3n58	13s37	0s57	8s28	1s37	12s44	0n58	12n18	0s 1	15n 2	0s51	7n45	2s15	4n31	0s38	14n 3	0n31	18s48	4n37	9n 1	9n23	6s39	6s42	5n56

Julian Day Number = 2365041.5, Delta T = 19.65 sec
Ecliptic obliquity = 23°28'21", Nutation = - 0°00'06", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°26'01", Lahiri = 20°33'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1763
geocentric

APRIL 1763

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 17	10°59'21	18♌ 7	13♋14	24♊43	3♏ 6	13♏30	25♏32	12♏58	23°R53	3♏49	23♏12	24♏ 6	20♋ 4	27♊48	F 1
S 2	12 40 13	11°58'24	2♌16	14°16	25°46	3°50	13°43	25°40	13° 1	23♏52	3°49	23°13	24° 3	20°10	27°51	S 2
S 3	12 44 10	12°57'26	15°57	15°21	26°48	4°34	13°56	25°47	13° 5	23°51	3°49	23°14	24° 0	20°17	27°55	S 3
M 4	12 48 6	13°56'26	29°12	16°28	27°51	5°17	14° 9	25°55	13° 8	23°50	3°49	23°14	23°56	20°24	27°58	M 4
T 5	12 52 3	14°55'24	12♌ 3	17°38	28°54	6° 1	14°23	26° 2	13°12	23°49	3°49	23°R15	23°53	20°30	28° 1	T 5
W 6	12 55 59	15°54'21	24°33	18°50	29°57	6°44	14°36	26°10	13°15	23°48	3°R49	23°15	23°50	20°37	28° 4	W 6
T 7	12 59 56	16°53'15	6♌46	20° 4	1♋ 1	7°28	14°49	26°17	13°19	23°48	3°49	23°14	23°47	20°44	28° 7	T 7
F 8	13 3 53	17°52'08	18°48	21°20	2° 5	8°11	15° 3	26°25	13°22	23°47	3°49	23°14	23°44	20°50	28°10	F 8
S 9	13 7 49	18°50'59	0♋41	22°38	3° 9	8°55	15°16	26°32	13°25	23°46	3°49	23°13	23°41	20°57	28°13	S 9
S 10	13 11 46	19°49'49	12°30	23°58	4°13	9°38	15°30	26°40	13°29	23°45	3°49	23°13	23°37	21° 4	28°16	S 10
M11	13 15 42	20°48'36	24°18	25°20	5°18	10°21	15°43	26°48	13°32	23°44	3°48	23°12	23°34	21°10	28°19	M11
T 12	13 19 39	21°47'21	6♏ 8	26°44	6°22	11° 5	15°57	26°55	13°36	23°44	3°48	23°12	23°31	21°17	28°22	T 12
W13	13 23 35	22°46'05	18° 2	28°10	7°27	11°48	16°11	27° 3	13°39	23°43	3°48	23°12	23°28	21°24	28°25	W13
T 14	13 27 32	23°44'47	0♋ 3	29°38	8°32	12°31	16°24	27°11	13°43	23°42	3°48	23°12	23°25	21°30	28°28	T 14
F 15	13 31 28	24°43'26	12°12	1°♏ 7	9°38	13°14	16°38	27°18	13°46	23°42	3°47	23°12	23°21	21°37	28°31	F 15
S 16	13 35 25	25°42'04	24°32	2°38	10°43	13°57	16°52	27°26	13°49	23°41	3°47	23°12	23°18	21°44	28°33	S 16
S 17	13 39 21	26°40'40	7♏ 4	4°11	11°49	14°40	17° 5	27°33	13°53	23°40	3°47	23°11	23°15	21°50	28°36	S 17
M18	13 43 18	27°39'14	19°49	5°46	12°55	15°23	17°19	27°41	13°56	23°40	3°46	23°11	23°12	21°57	28°39	M18
T 19	13 47 15	28°37'45	2♌50	7°22	14° 1	16° 6	17°33	27°49	13°59	23°39	3°46	23°10	23° 9	22° 4	28°41	T 19
W20	13 51 11	29°36'14	16° 8	9° 0	15° 7	16°49	17°47	27°56	14° 3	23°39	3°46	23°10	23° 6	22°10	28°44	W20
T 21	13 55 8	0♋34'42	29°44	10°40	16°13	17°32	18° 1	28° 4	14° 6	23°38	3°45	23°D10	23° 2	22°17	28°46	T 21
F 22	13 59 4	1°33'07	13♏40	12°22	17°19	18°14	18°15	28°12	14° 9	23°38	3°45	23°10	22°59	22°24	28°49	F 22
S 23	14 3 1	2°31'30	27°55	14° 5	18°26	18°57	18°29	28°19	14°13	23°38	3°44	23°10	22°56	22°30	28°51	S 23
S 24	14 6 57	3°29'50	12♏26	15°50	19°33	19°40	18°43	28°27	14°16	23°37	3°44	23°11	22°53	22°37	28°53	S 24
M25	14 10 54	4°28'09	27°11	17°37	20°40	20°22	18°57	28°34	14°19	23°37	3°43	23°12	22°50	22°44	28°56	M25
T 26	14 14 50	5°26'25	12♌ 2	19°25	21°47	21° 5	19°11	28°42	14°23	23°37	3°42	23°13	22°46	22°50	28°58	T 26
W27	14 18 47	6°24'40	26°54	21°15	22°54	21°47	19°25	28°50	14°26	23°36	3°42	23°R13	22°43	22°57	29° 0	W27
T 28	14 22 44	7°22'52	11♌38	23° 7	24° 1	22°30	19°39	28°57	14°29	23°36	3°41	23°12	22°40	23° 4	29° 2	T 28
F 29	14 26 40	8°21'03	26° 8	25° 1	25° 8	23°12	19°53	29° 5	14°32	23°36	3°40	23°11	22°37	23°10	29° 4	F 29
S 30	14 30 37	9♋19'13	10♌18	26♏56	26♋16	23♏55	20♋ 7	29♏12	14♏35	23♏36	3♋40	23♏ 9	22♏34	23♋17	29♊ 6	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	4n21	19s24	2s14	8s13	1s45	12s29	0n52	12n34	0n 0	15n 6	0s51	7n47	2s15	4n33	0s38	14n 3
S 2	4 44	23 55	3 20	7 55	1 52	12 13	0 46	12 50	0 1	15 10	0 51	7 50	2 15	4 34	0 38	14 4
S 3	5 7	26 55	4 13	7 36	1 59	11 57	0 41	13 5	0 2	15 14	0 50	7 53	2 15	4 35	0 38	14 4
M 4	5 30	28 18	4 50	7 16	2 5	11 41	0 35	13 20	0 2	15 18	0 50	7 56	2 15	4 37	0 38	14 4
T 5	5 53	28 5	5 11	6 54	2 11	11 25	0 30	13 35	0 3	15 23	0 50	7 58	2 15	4 38	0 38	14 5
W 6	6 16	26 26	5 17	6 30	2 16	11 8	0 24	13 50	0 4	15 27	0 50	8 1	2 15	4 39	0 38	14 5
T 7	6 39	23 55	5 8	6 5	2 20	10 50	0 19	14 5	0 4	15 31	0 50	8 4	2 15	4 41	0 38	14 5
F 8	7 1	19 44	4 46	5 39	2 24	10 32	0 14	14 20	0 5	15 35	0 50	8 7	2 15	4 42	0 38	14 6
S 9	7 24	15 10	4 12	5 11	2 28	10 14	0 8	14 35	0 5	15 39	0 50	8 10	2 15	4 43	0 38	14 6
S 10	7 46	10 4	3 27	4 42	2 31	9 55	0 3	14 49	0 6	15 43	0 50	8 12	2 15	4 45	0 38	14 6
M11	8 8	4 37	2 34	4 12	2 33	9 37	0s 2	15 3	0 7	15 47	0 49	8 15	2 15	4 46	0 38	14 6
T 12	8 30	1n 1	1 33	3 40	2 35	9 17	0 7	15 17	0 7	15 51	0 49	8 18	2 15	4 47	0 38	14 7
W13	8 52	6 39	0 29	3 7	2 36	8 58	0 11	15 31	0 8	15 55	0 49	8 21	2 15	4 49	0 38	14 7
T 14	9 14	12 6	0n38	2 33	2 37	8 38	0 16	15 45	0 9	15 59	0 49	8 23	2 14	4 50	0 38	14 7
F 15	9 35	17 10	1 44	1 57	2 37	8 17	0 21	15 59	0 9	16 3	0 49	8 26	2 14	4 51	0 38	14 7
S 16	9 57	21 36	2 45	1 21	2 37	7 57	0 25	16 12	0 10	16 7	0 49	8 29	2 14	4 52	0 38	14 7
S 17	10 18	25 8	3 40	0 43	2 36	7 36	0 30	16 26	0 11	16 11	0 49	8 32	2 14	4 54	0 38	14 8
M18	10 39	27 29	4 25	0 4	2 35	7 15	0 34	16 39	0 11	16 15	0 49	8 34	2 14	4 55	0 38	14 8
T 19	11 0	28 24	4 58	0n35	2 33	6 53	0 38	16 52	0 12	16 19	0 48	8 37	2 14	4 56	0 38	14 8
W20	11 21	27 42	5 15	1 16	2 31	6 31	0 42	17 5	0 13	16 23	0 48	8 40	2 14	4 58	0 38	14 8
T 21	11 41	25 22	5 15	1 58	2 28	6 9	0 46	17 18	0 13	16 27	0 48	8 43	2 14	4 59	0 38	14 8
F 22	12 2	21 29	4 57	2 41	2 24	5 47	0 50	17 30	0 14	16 31	0 48	8 45	2 14	5 0	0 38	14 8
S 23	12 22	16 17	4 21	3 24	2 20	5 24	0 54	17 43	0 14	16 35	0 48	8 48	2 14	5 2	0 38	14 9
S 24	12 42	10 6	3 27	4 9	2 16	5 2	0 58	17 55	0 15	16 39	0 48	8 51	2 14	5 3	0 38	14 9
M25	13 2	3 15	2 19	4 54	2 11	4 39	1 1	18 7	0 16	16 43	0 48	8 53	2 14	5 4	0 38	14 9
T 26	13 21	3s49	1 2	5 41	2 5	4 15	1 5	18 19	0 16	16 47	0 48	8 56	2 14	5 5	0 38	14 9
W27	13 41	10 42	0s20	6 28	1 59	3 52	1 8	18 30	0 17	16 51	0 48	8 59	2 14	5 7	0 38	14 9
T 28	14 0	16 56	1 40	7 15	1 53	3 28	1 11	18 42	0 17	16 54	0 47	9 1	2 14	5 8	0 38	14 9
F 29	14 18	22 6	2 52	8 3	1 46	3 5	1 15	18 53	0 18	16 58	0 47	9 4	2 14	5 9	0 38	14 9
S 30	14n37	25s51	3s52	8n52	1s38	2s40	1s18	19n 5	0n19	17n 2	0s47	9n 7	2s14	5n10	0s38	14n 9

Julian Day Number = 2365072.5, Delta T = 19.68 sec
Ecliptic obliquity = 23°28'21", Nutation = - 0°00'07", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°26'06, Lahiri = 20°33'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1763
geocentric

MAY 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	14 34 33	10♈17'21	24♊ 4	28♊54	27♋23	24♌37	20♍21	29♎20	14♏39	23♐R36	3♑R39	23♒ 7	22♓31	23♈24	29♉ 8	S 1
M 2	14 38 30	11°15'28	7♋25	0♌52	28°31	25°19	20°35	29°28	14°42	23♐R35	3♑R38	23♒ 5	22°27	23°30	29°10	M 2
T 3	14 42 26	12°13'33	20♌21	2°53	29°39	26° 1	20°49	29°35	14°45	23°35	3°38	23° 3	22°24	23°37	29°12	T 3
W 4	14 46 23	13°11'36	2♌55	4°55	0♎47	26°43	21° 3	29°43	14°48	23°35	3°37	23° 1	22°21	23°44	29°14	W 4
T 5	14 50 20	14° 9'38	15°11	6°59	1°55	27°26	21°17	29°50	14°51	23°D35	3°36	23°D 1	22°18	23°50	29°16	T 5
F 6	14 54 16	15° 7'39	27°13	9° 4	3° 3	28° 8	21°31	29°58	14°54	23°35	3°35	23° 2	22°15	23°57	29°17	F 6
S 7	14 58 13	16° 5'39	9♋ 6	11°11	4°12	28°50	21°46	0♏ 5	14°57	23°35	3°34	23° 3	22°12	24° 4	29°19	S 7
S 8	15 2 9	17° 3'37	20°55	13°19	5°20	29°32	22° 0	0°12	15° 0	23°35	3°33	23° 4	22° 8	24°10	29°21	S 8
M 9	15 6 6	18° 1'33	2♎44	15°27	6°28	0♐14	22°14	0°20	15° 3	23°36	3°32	23° 6	22° 5	24°17	29°22	M 9
T 10	15 10 2	18°59'29	14°37	17°37	7°37	0°56	22°28	0°27	15° 6	23°36	3°31	23° 7	22° 2	24°24	29°24	T 10
W11	15 13 59	19°57'23	26°37	19°48	8°46	1°37	22°42	0°35	15° 9	23°36	3°30	23°R 7	21°59	24°30	29°25	W11
T 12	15 17 55	20°55'15	8♌49	21°59	9°54	2°19	22°56	0°42	15°12	23°36	3°29	23° 6	21°56	24°37	29°26	T 12
F 13	15 21 52	21°53'06	21°12	24°10	11° 3	3° 1	23°11	0°49	15°15	23°36	3°28	23° 4	21°52	24°44	29°28	F 13
S 14	15 25 48	22°50'56	3♐49	26°21	12°12	3°43	23°25	0°57	15°18	23°37	3°27	23° 0	21°49	24°50	29°29	S 14
S 15	15 29 45	23°48'45	16°41	28°32	13°21	4°24	23°39	1° 4	15°21	23°37	3°26	22°56	21°46	24°57	29°30	S 15
M16	15 33 42	24°46'32	29°46	0♐42	14°30	5° 6	23°53	1°11	15°24	23°37	3°25	22°51	21°43	25° 4	29°31	M16
T 17	15 37 38	25°44'17	13♋ 5	2°51	15°39	5°48	24° 7	1°18	15°27	23°38	3°24	22°46	21°40	25°10	29°32	T 17
W18	15 41 35	26°42'01	26°37	4°59	16°49	6°29	24°22	1°26	15°29	23°38	3°23	22°42	21°37	25°17	29°33	W18
T 19	15 45 31	27°39'43	10♌22	7° 6	17°58	7°11	24°36	1°33	15°32	23°39	3°22	22°39	21°33	25°24	29°34	T 19
F 20	15 49 28	28°37'24	24°17	9°11	19° 7	7°52	24°50	1°40	15°35	23°39	3°21	22°D38	21°30	25°30	29°35	F 20
S 21	15 53 24	29°35'02	8♎23	11°14	20°17	8°34	25° 4	1°47	15°38	23°40	3°19	22°38	21°27	25°37	29°36	S 21
S 22	15 57 21	0♐32'40	22°38	13°15	21°26	9°15	25°18	1°54	15°40	23°40	3°18	22°39	21°24	25°43	29°37	S 22
M23	16 1 18	1°30'15	7♌ 0	15°14	22°36	9°56	25°32	2° 1	15°43	23°41	3°17	22°40	21°21	25°50	29°37	M23
T 24	16 5 14	2°27'50	21°27	17°10	23°45	10°38	25°46	2° 8	15°45	23°41	3°16	22°R41	21°18	25°57	29°38	T 24
W25	16 9 11	3°25'23	5♎54	19° 4	24°55	11°19	26° 0	2°15	15°48	23°42	3°14	22°40	21°14	26° 3	29°39	W25
T 26	16 13 7	4°22'54	20°16	20°55	26° 5	12° 0	26°15	2°22	15°51	23°43	3°13	22°38	21°11	26°10	29°39	T 26
F 27	16 17 4	5°20'25	4♎29	22°44	27°15	12°41	26°29	2°29	15°53	23°43	3°12	22°33	21° 8	26°17	29°40	F 27
S 28	16 21 0	6°17'55	18°27	24°30	28°25	13°22	26°43	2°35	15°56	23°44	3°10	22°27	21° 5	26°23	29°40	S 28
S 29	16 24 57	7°15'23	2♋ 6	26°13	29°34	14° 3	26°57	2°42	15°58	23°45	3° 9	22°20	21° 2	26°30	29°40	S 29
M30	16 28 53	8°12'51	15°24	27°54	0♏44	14°44	27°11	2°49	16° 0	23°46	3° 8	22°13	20°58	26°37	29°41	M30
T 31	16 32 50	9♐10'18	28♋20	29♐31	1♌55	15♐25	27♌25	2♏56	16♎ 3	23♐R47	3♑ 6	22♒ 6	20♓55	26♈43	29♉41	T 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14n56	27s56	4s36	9n41	1s31	2s16	1s21	19n16	0n19	17n 6	0s47	9n 9	2s14	5n12
M 2	15 14	28 19	5 4	10 31	1 22	1 52	1 23	19 26	0 20	17 10	0 47	9 12	2 15	5 13
T 3	15 32	27 7	5 15	11 20	1 14	1 27	1 26	19 37	0 20	17 14	0 47	9 15	2 15	5 14
W 4	15 49	24 34	5 11	12 10	1 4	1 3	1 29	19 47	0 21	17 17	0 47	9 17	2 15	5 15
T 5	16 7	20 57	4 52	13 0	0 55	0 38	1 31	19 58	0 22	17 21	0 47	9 20	2 15	5 16
F 6	16 24	16 32	4 21	13 49	0 50	0 13	1 34	20 8	0 22	17 25	0 47	9 22	2 15	5 18
S 7	16 41	11 33	3 39	14 39	0 35	0n12	1 36	20 18	0 23	17 29	0 47	9 25	2 15	5 19
S 8	16 57	6 11	2 48	15 28	0 25	0 37	1 38	20 27	0 23	17 33	0 47	9 27	2 15	5 20
M 9	17 13	0 36	1 50	16 16	0 15	1 2	1 41	20 37	0 24	17 36	0 46	9 30	2 15	5 21
T 10	17 29	5n 3	0 47	17 3	0 4	1 27	1 43	20 46	0 24	17 40	0 46	9 32	2 15	5 22
W11	17 45	10 35	0n19	17 49	0n 7	1 53	1 44	20 55	0 25	17 44	0 46	9 35	2 15	5 23
T 12	18 1	15 48	1 25	18 34	0 17	2 18	1 46	21 4	0 25	17 47	0 46	9 37	2 15	5 24
F 13	18 16	20 28	2 28	19 17	0 28	2 43	1 48	21 13	0 26	17 51	0 46	9 40	2 15	5 26
S 14	18 31	24 18	3 25	19 59	0 38	3 9	1 50	21 22	0 27	17 55	0 46	9 42	2 15	5 27
S 15	18 45	26 59	4 12	20 38	0 48	3 34	1 51	21 30	0 27	17 58	0 46	9 45	2 15	5 28
M16	18 59	28 15	4 47	21 16	0 57	4 0	1 53	21 38	0 28	18 2	0 46	9 47	2 15	5 29
T 17	19 13	27 55	5 7	21 51	1 7	4 25	1 54	21 46	0 28	18 5	0 46	9 50	2 15	5 30
W18	19 27	25 57	5 11	22 24	1 16	4 51	1 55	21 54	0 29	18 9	0 46	9 52	2 15	5 31
T 19	19 40	22 26	4 57	22 54	1 24	5 16	1 56	22 1	0 29	18 12	0 46	9 55	2 15	5 32
F 20	19 53	17 37	4 26	23 22	1 32	5 41	1 57	22 9	0 30	18 16	0 46	9 57	2 16	5 33
S 21	20 5	11 48	3 38	23 47	1 39	6 7	1 58	22 16	0 30	18 19	0 46	9 59	2 16	5 34
S 22	20 18	5 19	2 36	24 10	1 45	6 32	1 59	22 23	0 31	18 23	0 46	10 2	2 16	5 35
M23	20 29	1s30	1 24	24 30	1 51	6 57	2 0	22 29	0 31	18 26	0 45	10 4	2 16	5 36
T 24	20 41	8 16	0 7	24 47	1 56	7 22	2 0	22 36	0 32	18 30	0 45	10 6	2 16	5 37
W25	20 52	14 37	1s11	25 1	2 1	7 47	2 1	22 42	0 32	18 33	0 45	10 8	2 16	5 38
T 26	21 3	20 9	2 24	25 14	2 4	8 12	2 1	22 48	0 33	18 36	0 45	10 11	2 16	5 39
F 27	21 13	24 27	3 27	25 23	2 7	8 37	2 1	22 54	0 34	18 40	0 45	10 13	2 16	5 40
S 28	21 23	27 13	4 16	25 30	2 9	9 2	2 2	23 0	0 34	18 43	0 45	10 15	2 16	5 41
S 29	21 33	28 17	4 50	25 35	2 10	9 26	2 2	23 5	0 35	18 46	0 45	10 17	2 16	5 42
M30	21 42	27 39	5 6	25 38	2 11	9 51	2 2	23 11	0 35	18 49	0 45	10 20	2 17	5 43
T 31	21n51	25s31	5s 6	25n39	2n10	10n15	2s 2	23n16	0n36	18n53	0s45	10n22	2s17	5n44

Julian Day Number = 2365102.5, Delta T = 19.70 sec
Ecliptic obliquity = 23°28'21", Nutation = - 0°00'08", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°26'10", Lahiri = 20°33'10"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1763
geocentric

JUNE 1763

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 47	10II 7'44	10≈55	19☾ 6	38 5	16II 6	27839	38 2	16V 5	23Ω47	3°R 5	22°R 0	20V52	26X50	29≈41	W 1
T 2	16 40 43	11° 5'09	23°13	2°38	4°15	16°47	27°53	3° 9	16° 7	23°48	3☾ 4	21V57	20°49	26°57	29°41	T 2
F 3	16 44 40	12° 2'33	5X16	4° 7	5°25	17°28	28° 7	3°15	16°10	23°49	3° 2	21°55	20°46	27° 3	29°R41	F 3
S 4	16 48 36	12°59'57	17° 9	5°33	6°35	18° 9	28°21	3°22	16°12	23°50	3° 1	21°D55	20°43	27°10	29°41	S 4
S 5	16 52 33	13°57'21	28°58	6°56	7°46	18°49	28°34	3°28	16°14	23°51	2°59	21°56	20°39	27°17	29°41	S 5
M 6	16 56 29	14°54'43	10V48	8°16	8°56	19°30	28°48	3°35	16°16	23°52	2°58	21°57	20°36	27°23	29°41	M 6
T 7	17 0 26	15°52'05	22°44	9°33	10° 7	20°11	29° 2	3°41	16°18	23°53	2°57	21°R57	20°33	27°30	29°41	T 7
W 8	17 4 22	16°49'27	4851	10°47	11°17	20°51	29°16	3°47	16°21	23°54	2°55	21°56	20°30	27°37	29°40	W 8
T 9	17 8 19	17°46'48	17°11	11°57	12°28	21°32	29°30	3°54	16°23	23°55	2°54	21°53	20°27	27°43	29°40	T 9
F 10	17 12 16	18°44'09	29°49	13° 5	13°38	22°13	29°43	4° 0	16°25	23°56	2°52	21°48	20°24	27°50	29°40	F 10
S 11	17 16 12	19°41'29	12II44	14° 9	14°49	22°53	29°57	4° 6	16°27	23°58	2°51	21°41	20°20	27°57	29°39	S 11
S 12	17 20 9	20°38'48	25°57	15°10	16° 0	23°34	0II11	4°12	16°28	23°59	2°49	21°31	20°17	28° 3	29°39	S 12
M13	17 24 5	21°36'07	9☾27	16° 7	17°11	24°14	0°25	4°18	16°30	24° 0	2°48	21°22	20°14	28°10	29°38	M13
T 14	17 28 2	22°33'25	23°11	17° 1	18°21	24°55	0°38	4°24	16°32	24° 1	2°46	21°12	20°11	28°17	29°38	T 14
W15	17 31 58	23°30'43	7Ω 5	17°52	19°32	25°35	0°52	4°30	16°34	24° 3	2°45	21° 4	20° 8	28°23	29°37	W15
T 16	17 35 55	24°27'59	21° 7	18°38	20°43	26°15	1° 5	4°36	16°36	24° 4	2°43	20°57	20° 4	28°30	29°36	T 16
F 17	17 39 51	25°25'15	5III13	19°21	21°54	26°56	1°19	4°42	16°37	24° 5	2°42	20°54	20° 1	28°37	29°35	F 17
S 18	17 43 48	26°22'30	19°21	20° 0	23° 5	27°36	1°32	4°47	16°39	24° 7	2°40	20°52	19°58	28°43	29°35	S 18
S 19	17 47 45	27°19'44	3Δ30	20°35	24°16	28°16	1°46	4°53	16°41	24° 8	2°39	20°D52	19°55	28°50	29°34	S 19
M20	17 51 41	28°16'58	17°38	21° 5	25°27	28°56	1°59	4°59	16°42	24° 9	2°37	20°R52	19°52	28°57	29°33	M20
T 21	17 55 38	29°14'11	1III44	21°32	26°38	29°36	2°12	5° 4	16°44	24°11	2°36	20°52	19°49	29° 3	29°32	T 21
W22	17 59 34	0☾11'23	15°46	21°54	27°49	0☾16	2°26	5°10	16°45	24°12	2°34	20°50	19°45	29°10	29°31	W22
T 23	18 3 31	1° 8'35	29°43	22°11	29° 1	0°57	2°39	5°15	16°47	24°14	2°33	20°45	19°42	29°17	29°29	T 23
F 24	18 7 27	2° 5'47	13X31	22°24	0II12	1°37	2°52	5°20	16°48	24°15	2°31	20°38	19°39	29°23	29°28	F 24
S 25	18 11 24	3° 2'58	27° 8	22°33	1°23	2°17	3° 5	5°26	16°50	24°17	2°30	20°28	19°36	29°30	29°27	S 25
S 26	18 15 21	4° 0'09	10☾31	22°R37	2°35	2°57	3°18	5°31	16°51	24°18	2°28	20°17	19°33	29°36	29°26	S 26
M27	18 19 17	4°57'20	23°36	22°36	3°46	3°36	3°31	5°36	16°52	24°20	2°27	20° 5	19°30	29°43	29°24	M27
T 28	18 23 14	5°54'30	6≈24	22°31	4°57	4°16	3°44	5°41	16°53	24°21	2°25	19°54	19°26	29°50	29°23	T 28
W29	18 27 10	6°51'41	18°55	22°21	6° 9	4°56	3°57	5°46	16°55	24°23	2°23	19°44	19°23	29°56	29°21	W29
T 30	18 31 7	7☾48'52	1X 9	22☾ 6	7II20	5☾36	4II10	5851	16V56	24Ω25	2☾22	19V37	19V20	0V 3	29≈20	T 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 0	22s11	4s52	25n37	2n 9	10n39	2s 2	23n21	0n36	18n56	0s45	10n24	2s17	5n44	0s39	14n 5	0n30	18s48	4n38	8n35	8n 9	3s11	5s45	6n14	
T 2	22 8	17 57	4 24	25 34	2 7	11 3	2 1	23 25	0 37	18 59	0 45	10 26	2 17	5 45	0 39	14 5	0 30	18 49	4 38	8 34	8 8	3 8	5 45	6 14	
F 3	22 16	13 5	3 45	25 29	2 4	11 27	2 1	23 30	0 37	19 2	0 45	10 28	2 17	5 46	0 39	14 4	0 30	18 49	4 38	8 33	8 7	3 4	5 45	6 15	
S 4	22 23	7 47	2 56	25 22	2 1	11 50	2 1	23 34	0 37	19 5	0 45	10 30	2 17	5 47	0 39	14 4	0 30	18 49	4 38	8 33	8 6	3 1	5 44	6 15	
S 5	22 30	2 15	2 1	25 14	1 57	12 13	2 0	23 38	0 38	19 9	0 45	10 32	2 17	5 48	0 39	14 4	0 30	18 49	4 38	8 33	8 5	2 58	5 44	6 15	
M 6	22 37	3n22	1 0	25 4	1 52	12 36	2 0	23 42	0 38	19 12	0 45	10 34	2 17	5 49	0 39	14 3	0 30	18 49	4 38	8 34	8 3	2 54	5 44	6 16	
T 7	22 43	8 55	0n 4	24 54	1 46	12 59	1 59	23 45	0 39	19 15	0 45	10 36	2 18	5 49	0 39	14 3	0 30	18 49	4 37	8 34	8 2	2 51	5 44	6 16	
W 8	22 49	14 14	1 9	24 41	1 40	13 22	1 58	23 49	0 39	19 18	0 45	10 38	2 18	5 50	0 39	14 3	0 30	18 49	4 37	8 33	8 1	2 47	5 43	6 16	
T 9	22 55	19 5	2 11	24 28	1 33	13 44	1 57	23 52	0 40	19 21	0 45	10 40	2 18	5 51	0 39	14 2	0 30	18 49	4 37	8 32	8 0	2 44	5 43	6 17	
F 10	23 0	23 12	3 8	24 14	1 25	14 6	1 57	23 55	0 40	19 24	0 45	10 42	2 18	5 52	0 39	14 2	0 30	18 49	4 37	8 30	7 59	2 41	5 43	6 17	
S 11	23 4	26 17	3 57	23 59	1 16	14 28	1 56	23 58	0 41	19 27	0 44	10 44	2 18	5 52	0 39	14 2	0 30	18 49	4 37	8 28	7 57	2 37	5 43	6 17	
S 12	23 9	27 59	4 35	23 43	1 7	14 49	1 55	24 0	0 41	19 30	0 44	10 46	2 18	5 53	0 39	14 1	0 30	18 49	4 37	8 24	7 56	2 34	5 43	6 18	
M13	23 12	28 5	4 58	23 26	0 57	15 10	1 53	24 3	0 42	19 32	0 44	10 48	2 18	5 54	0 39	14 1	0 30	18 50	4 37	8 20	7 55	2 30	5 43	6 18	
T 14	23 16	26 28	5 4	23 9	0 46	15 31	1 52	24 5	0 42	19 35	0 44	10 50	2 19	5 55	0 39	14 0	0 30	18 50	4 37	8 17	7 54	2 27	5 43	6 18	
W15	23 19	23 14	4 52	22 51	0 35	15 52	1 51	24 7	0 43	19 38	0 44	10 52	2 19	5 55	0 39	14 0	0 30	18 50	4 37	8 14	7 53	2 24	5 42	6 19	
T 16	23 21	18 38	4 23	22 33	0 23	16 12	1 50	24 8	0 43	19 41	0 44	10 53	2 19	5 56	0 39	14 0	0 30	18 50	4 37	8 11	7 51	2 20	5 42	6 19	
F 17	23 24	12 59	3 38	22 15	0 11	16 31	1 48	24 10	0 44	19 44	0 44	10 55	2 19	5 57	0 39	13 59	0 30	18 50	4 37	8 10	7 50	2 17	5 42	6 19	
S 18	23 25	6 40	2 40	21 57	0s 2	16 51	1 47	24 11	0 44	19 46	0 44	10 57	2 19	5 57	0 39	13 59	0 30	18 50	4 37	8 9	7 49	2 13	5 42	6 19	
S 19	23 27	0 0	1 31	21 38	0 16	17 10	1 45	24 12	0 44	19 49	0 44	10 59	2 19	5 58	0 39	13 58	0 30	18 50	4 37	8 9	7 48	2 10	5 42	6 20	
M20	23 28	6s40	0 17	21 19	0 30	17 28	1 44	24 13	0 45	19 52	0 44	11 0	2 20	5 58	0 39	13 58	0 30	18 50	4 37	8 9	7 47	2 7	5 42	6 20	
T 21	23 28	12 59	0s57	21 1	0 44	17 47	1 42	24 14	0 45	19 55	0 44	11 2	2 20	5 59	0 39	13 57	0 30	18 50	4 36	8 9	7 45	2 3	5 43	6 20	
W22	23 28	18 38	2 8	20 43	0 59	18 4	1 40	24 14	0 46	19 57	0 44	11 4	2 20	5 59	0 39	13 57	0 30	18 51	4 36	8 9	7 44	2 0	5 43	6 21	
T 23	23 28	23 13	3 11	20 25	1 14	18 22	1 39	24 14	0 46	20 0	0 44	11 5	2 20	6 0	0 39	13 56	0 30	18 51	4 36	8 7	7 43	1 56	5 43	6 21	
F 24	23 27	26 27	4 1	20 8	1 30	18 39	1 37	24 14	0 47	20 2	0 44	11 7	2 20	6 0	0 39	13 56	0 30	18 51	4 36	8 4	7 42	1 53	5 43	6 21	
S 25	23 26	28 4	4 37	19 51	1 46	18 55	1 35	24 14	0 47	20 5	0 44	11 8	2 20	6 1	0 39	13 55	0 30	18 51	4 36	8 0	7 41	1 50	5 43	6 22	
S 26	23 25	27 59	4 57	19 34	2 2	19 11	1 33	24 14	0 47	20 7	0 44	11 10	2 21	6 1	0 39	13 55	0 30	18 51	4 36	7 56	7 39	1 46	5 43	6 22	
M27	23 23	26 21	5 1	19 19	2 18	19 27	1 31	24 13	0 48	20 10	0 44	11 11	2 21	6 2	0 39	13 54	0 30	18 51	4 36	7 52	7 38	1 43	5 43	6 22	
T 28	23 20	23 22	4 49	19 4	2 33	19 42	1 29	24 12	0 48	20 12	0 44	11 13	2 21	6 2	0 39	13 54	0 30	18 51	4 36	7 47	7 37	1 39	5 44	6 22	
W29	23 18	19 21	4 24	18 50	2 49	19 56	1 27	24 11	0 49	20 15	0 44	11 14	2 21	6 3	0 39	13 53	0 30	18 52	4 36	7 44	7 36	1 36	5 44	6 23	
T 30	23n14	14s36	3s47	18n37	3s 4	20n10	1s25	24n10	0n49	20n17	0s44	11n16	2s21	6n 3	0s39	13n53	0n30	18s52	4n35	7n41	7n35	1s32	5s44	6n23	

ASTRODIENST EPHEMERIS for the year 1763
geocentric

JULY 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	18 35 3	8♌46°03	13♋11	21°R48	8♊32	6♌16	4♊23	5♌56	16♑57	24♌26	2°R20	19°R32	19♑17	0♑10	29°R18	F 1
S 2	18 39 0	9°43'14	25° 4	21♌25	9°44	6°56	4°36	6° 0	16°58	24°28	2♌19	19♑30	19°14	0°16	29°17	S 2
S 3	18 42 56	10°40'26	6♑52	20°59	10°55	7°35	4°48	6° 5	16°59	24°30	2°17	19°D29	19°10	0°23	29°15	S 3
M 4	18 46 53	11°37'37	18°43	20°30	12° 7	8°15	5° 1	6°10	17° 0	24°31	2°16	19°R29	19° 7	0°30	29°13	M 4
T 5	18 50 50	12°34'49	0♌40	19°57	13°19	8°55	5°14	6°14	17° 1	24°33	2°14	19°29	19° 4	0°36	29°12	T 5
W 6	18 54 46	13°32'02	12°49	19°22	14°31	9°34	5°26	6°19	17° 2	24°35	2°13	19°27	19° 1	0°43	29°10	W 6
T 7	18 58 43	14°29'15	25°15	18°45	15°42	10°14	5°39	6°23	17° 2	24°37	2°11	19°23	18°58	0°50	29° 8	T 7
F 8	19 2 39	15°26'28	8♊1	18° 7	16°54	10°53	5°51	6°27	17° 3	24°38	2°10	19°17	18°55	0°56	29° 6	F 8
S 9	19 6 36	16°23'42	21°10	17°29	18° 6	11°33	6° 3	6°31	17° 4	24°40	2° 8	19° 8	18°51	1° 3	29° 4	S 9
S 10	19 10 32	17°20'56	4♌42	16°50	19°18	12°12	6°16	6°36	17° 4	24°42	2° 7	18°57	18°48	1°10	29° 2	S 10
M 11	19 14 29	18°18'11	18°34	16°12	20°30	12°52	6°28	6°40	17° 5	24°44	2° 6	18°45	18°45	1°16	29° 0	M 11
T 12	19 18 25	19°15'26	2♌43	15°35	21°42	13°31	6°40	6°44	17° 6	24°46	2° 4	18°34	18°42	1°23	28°58	T 12
W 13	19 22 22	20°12'41	17° 3	15° 0	22°54	14°11	6°52	6°47	17° 6	24°48	2° 3	18°24	18°39	1°30	28°56	W 13
T 14	19 26 19	21° 9'56	1♑29	14°28	24° 6	14°50	7° 4	6°51	17° 7	24°50	2° 1	18°16	18°36	1°36	28°54	T 14
F 15	19 30 15	22° 7'12	15°54	13°59	25°19	15°29	7°16	6°55	17° 7	24°51	2° 0	18°11	18°32	1°43	28°51	F 15
S 16	19 34 12	23° 4'27	0♌15	13°34	26°31	16° 9	7°28	6°58	17° 7	24°53	1°58	18° 8	18°29	1°50	28°49	S 16
S 17	19 38 8	24° 1'43	14°29	13°13	27°43	16°48	7°39	7° 2	17° 8	24°55	1°57	18° 8	18°26	1°56	28°47	S 17
M 18	19 42 5	24°58'59	28°33	12°57	28°55	17°27	7°51	7° 5	17° 8	24°57	1°56	18° 8	18°23	2° 3	28°44	M 18
T 19	19 46 1	25°56'15	12♌28	12°46	0♌8	18° 7	8° 3	7° 9	17° 8	24°59	1°54	18° 7	18°20	2°10	28°42	T 19
W 20	19 49 58	26°53'32	26°13	12°40	1°20	18°46	8°14	7°12	17° 8	25° 1	1°53	18° 5	18°16	2°16	28°40	W 20
T 21	19 53 54	27°50'49	9♌48	12°D39	2°32	19°25	8°26	7°15	17° 9	25° 3	1°52	18° 0	18°13	2°23	28°37	T 21
F 22	19 57 51	28°48'06	23°13	12°45	3°45	20° 4	8°37	7°18	17° 9	25° 5	1°50	17°52	18°10	2°29	28°35	F 22
S 23	20 1 48	29°45'24	6♌27	12°56	4°57	20°43	8°48	7°21	17°R 9	25° 7	1°49	17°42	18° 7	2°36	28°32	S 23
S 24	20 5 44	0♌42'43	19°28	13°13	6°10	21°22	8°59	7°24	17° 9	25° 9	1°48	17°30	18° 4	2°43	28°30	S 24
M 25	20 9 41	1°40'02	2♌16	13°37	7°22	22° 1	9°10	7°27	17° 9	25°12	1°46	17°17	18° 1	2°49	28°27	M 25
T 26	20 13 37	2°37'21	14°50	14° 6	8°35	22°40	9°21	7°29	17° 8	25°14	1°45	17° 6	17°57	2°56	28°24	T 26
W 27	20 17 34	3°34'42	27°10	14°42	9°48	23°19	9°32	7°32	17° 8	25°16	1°44	16°55	17°54	3° 3	28°22	W 27
T 28	20 21 30	4°32'04	9♌18	15°24	11° 0	23°58	9°43	7°34	17° 8	25°18	1°43	16°48	17°51	3° 9	28°19	T 28
F 29	20 25 27	5°29'26	21°15	16°11	12°13	24°37	9°54	7°37	17° 8	25°20	1°41	16°42	17°48	3°16	28°16	F 29
S 30	20 29 23	6°26'49	3♑6	17° 5	13°26	25°16	10° 4	7°39	17° 7	25°22	1°40	16°40	17°45	3°23	28°14	S 30
S 31	20 33 20	7♌24'14	14♑53	18♌4	14♌39	25♌55	10♊15	7♌41	17♑7	25♌24	1♌39	16°D39	17♑42	3♑29	28°11	S 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	lat
F 1	23n11	9s23	3s 0	18n26	3s19	20n24	1s22	24n 9	0n50	20n20	0s44	11n17	2s22	6n 4	0s39	13n52	0n30	18s52	4n35	7n39	7n33	1s29	5s44	6n23									
S 2	23 7	3 53	2 6	18 15	3 33	20 37	1 20	24 7	0 50	20 22	0 44	11 19	2 22	6 4	0 39	13 51	0 30	18 52	4 35	7 38	7 32	1 26	5 45	6 24									
S 3	23 3	1n43	1 6	18 6	3 47	20 50	1 18	24 6	0 50	20 24	0 44	11 20	2 22	6 4	0 39	13 51	0 30	18 52	4 35	7 38	7 31	1 22	5 45	6 24									
M 4	22 58	7 17	0 4	17 58	4 0	21 2	1 16	24 4	0 51	20 27	0 44	11 21	2 22	6 5	0 39	13 50	0 30	18 52	4 35	7 38	7 30	1 19	5 45	6 24									
T 5	22 53	12 38	0n59	17 51	4 11	21 13	1 13	24 1	0 51	20 29	0 44	11 23	2 22	6 5	0 40	13 50	0 30	18 52	4 35	7 38	7 29	1 15	5 46	6 24									
W 6	22 47	17 37	2 0	17 45	4 22	21 24	1 11	23 59	0 52	20 31	0 44	11 24	2 23	6 5	0 40	13 49	0 30	18 53	4 35	7 37	7 27	1 12	5 46	6 25									
T 7	22 41	21 58	2 57	17 41	4 31	21 34	1 9	23 56	0 52	20 33	0 44	11 25	2 23	6 6	0 40	13 49	0 30	18 53	4 35	7 36	7 26	1 9	5 46	6 25									
F 8	22 35	25 24	3 47	17 39	4 39	21 44	1 6	23 54	0 52	20 36	0 44	11 26	2 23	6 6	0 40	13 48	0 30	18 53	4 34	7 33	7 25	1 5	5 47	6 25									
S 9	22 28	27 36	4 26	17 37	4 45	21 53	1 4	23 51	0 53	20 38	0 44	11 27	2 23	6 6	0 40	13 47	0 30	18 53	4 34	7 30	7 24	1 2	5 47	6 25									
S 10	22 21	28 14	4 51	17 37	4 49	22 2	1 1	23 48	0 53	20 40	0 44	11 29	2 24	6 6	0 40	13 47	0 30	18 53	4 34	7 26	7 23	0 58	5 48	6 26									
M 11	22 13	27 9	5 0	17 39	4 52	22 10	0 59	23 44	0 53	20 42	0 44	11 30	2 24	6 7	0 40	13 46	0 30	18 53	4 34	7 21	7 21	0 55	5 48	6 26									
T 12	22 5	24 18	4 51	17 42	4 54	22 17	0 56	23 41	0 54	20 44	0 44	11 31	2 24	6 7	0 40	13 46	0 30	18 54	4 34	7 17	7 20	0 51	5 49	6 26									
W 13	21 57	19 56	4 24	17 46	4 53	22 24	0 53	23 37	0 54	20 46	0 44	11 32	2 24	6 7	0 40	13 45	0 30	18 54	4 34	7 13	7 19	0 48	5 49	6 26									
T 14	21 48	14 23	3 40	17 51	4 51	22 30	0 51	23 33	0 55	20 48	0 44	11 33	2 24	6 7	0 40	13 44	0 30	18 54	4 34	7 10	7 18	0 45	5 50	6 26									
F 15	21 39	8 3	2 41	17 58	4 48	22 35	0 48	23 29	0 55	20 50	0 44	11 34	2 25	6 7	0 40	13 44	0 30	18 54	4 33	7 8	7 17	0 41	5 50	6 27									
S 16	21 30	1 19	1 33	18 5	4 43	22 40	0 45	23 25	0 55	20 52	0 44	11 35	2 25	6 7	0 40	13 43	0 30	18 54	4 33	7 7	7 15	0 38	5 51	6 27									
S 17	21 20	5s25	0 19	18 14	4 36	22 44	0 43	23 20	0 56	20 54	0 44	11 36	2 25	6 7	0 40	13 42	0 30	18 54	4 33	7 7	7 14	0 34	5 52	6 27									
M 18	21 10	11 50	0s55	18 23	4 28	22 48	0 40	23 15	0 56	20 56	0 44	11 37	2 25	6 7	0 40	13 42	0 30	18 55	4 33	7 7	7 13	0 31	5 52	6 27									
T 19	20 59	17 35	2 5	18 34	4 19	22 51	0 37	23 11	0 56	20 57	0 44	11 37	2 26	6 8	0 40	13 41	0 30	18 55	4 33	7 7	7 12	0 27	5 53	6 27									
W 20	20 48	22 22	3 7	18 45	4 9	22 53	0 35	23 6	0 57	20 59	0 44	11 38	2 26	6 8	0 40	13 40	0 30	18 55	4 33	7 6	7 10	0 24	5 54	6 27									
T 21	20 37	25 52	3 57	18 56	3 57	22 55	0 32	23 0	0 57	21 1	0 44	11 39	2 26	6 8	0 40	13 40	0 30	18 55	4 32	7 4	7 9	0 21	5 54	6 28									
F 22	20 26	27 52	4 34	19 8	3 45	22 56	0 29	22 55	0 57	21 3	0 44	11 40	2 26	6 8	0 40	13 39	0 30	18 55	4 32	7 1	7 8	0 17	5 55	6 28									
S 23	20 14	28 14	4 55	19 20	3 32	22 56	0 27	22 50	0 58	21 5	0 44	11 41	2 26	6 8	0 40	13 38	0 30	18 56	4 32	6 57	7 7	0 14	5 56	6 28									
S 24	20 2	27 1	5 1	19 32	3 18	22 56	0 24	22 44	0 58	21 6	0 44	11 41	2 27	6 8	0 40	13 38	0 30	18 56	4 32	6 53	7 6	0 10	5 56	6 28									
M 25	19 49	24 24	4 51	19 44	3 4	22 55	0 21	22 38	0 59	21 8	0 44	11 42	2 27	6 7	0 40	13 37	0 30	18 56	4 32	6 48	7 4	0 7	5 57	6 28									
T 26	19 36	20 40	4 27	19 55	2 49	22 53	0 18	22 32	0 59	21 10	0 44	11 43	2 27	6 7	0 40	13 36	0 30	18 56	4 32	6 43	7 3	0 3	5 58	6 28									
W 27	19 23	16 5	3 51	20 7	2 34	22 51	0 16	22 26	0 59	21 11	0 44	11 43	2 27	6 7	0 40	13 35	0 30	18 56	4 31	6 40	7 2	0 0	5 59	6 29									
T 28	19 9	10 57	3 5	20 17	2 19	22 48	0 13	22 19	1 0	21 13	0 44	11 44	2 28	6 7	0 40	13 35	0 30	18 56	4 31	6 36	7 1	0n 3	5 59	6 29									
F 29	18 55	5 28	2 11	20 27	2 3	22 44	0 10	22 13	1 0	21 14	0 44	11 44	2 28	6 7	0 40	13 34	0 30	18 57	4 31	6 34	7 0	0 7	6 0	6 29									
S 30	18 41	0n 8	1 12	20 36	1 48	22 40	0 8	22 6	1 0	21 16	0 44	11 45	2 28	6 7	0 40	13 33	0 30	18 57	4 31	6 33	6 58	0 10	6 1	6 29									
S 31	18n27	5n44	0s 9	20n44	1s32	22n35	0s 5	21n59	1n 1	21n17	0s44	11n45	2s28	6n 7	0s40	13n33	0n30	18s57	4n31	6n33	6n57	0n14	6s 2	6n29									

ASTRODIENST EPHEMERIS for the year 1763

geocentric

AUGUST 1763

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 17	8♌21'40	26♋43	19♏10	15♏52	26♏34	10♌25	7♏43	17°R 7	25♌26	1°R38	16♋39	17♋38	3♋36	28°R 8	M 1
T 2	20 41 13	9°19'07	8♏39	20°20	17° 5	27°12	10°35	7°45	17♋6	25°28	1♏37	16°R39	17°35	3°43	28°R 5	T 2
W 3	20 45 10	10°16'35	20°48	21°37	18°18	27°51	10°45	7°47	17° 6	25°31	1°36	16°39	17°32	3°49	28° 3	W 3
T 4	20 49 6	11°14'05	3♏14	22°58	19°31	28°30	10°56	7°49	17° 5	25°33	1°34	16°36	17°29	3°56	28° 0	T 4
F 5	20 53 3	12°11'36	16° 3	24°24	20°44	29° 9	11° 6	7°51	17° 5	25°35	1°33	16°32	17°26	4° 3	27°57	F 5
S 6	20 56 59	13° 9'08	29°17	25°55	21°57	29°47	11°15	7°52	17° 4	25°37	1°32	16°25	17°22	4° 9	27°54	S 6
S 7	21 0 56	14° 6'42	12♏58	27°31	23°10	0♌26	11°25	7°54	17° 3	25°39	1°31	16°17	17°19	4°16	27°51	S 7
M 8	21 4 52	15° 4'17	27° 4	29°11	24°23	1° 5	11°35	7°55	17° 3	25°42	1°30	16° 7	17°16	4°23	27°48	M 8
T 9	21 8 49	16° 1'53	11♌31	0♌54	25°36	1°43	11°44	7°56	17° 2	25°44	1°29	15°58	17°13	4°29	27°45	T 9
W10	21 12 46	16°59'31	26°13	2°41	26°50	2°22	11°54	7°58	17° 1	25°46	1°28	15°50	17°10	4°36	27°42	W10
T 11	21 16 42	17°57'09	11♏2	4°31	28° 3	3° 1	12° 3	7°59	17° 0	25°48	1°27	15°43	17° 7	4°42	27°39	T 11
F 12	21 20 39	18°54'49	25°51	6°24	29°16	3°39	12°12	8° 0	16°59	25°50	1°27	15°40	17° 3	4°49	27°36	F 12
S 13	21 24 35	19°52'29	10♌32	8°19	0♌30	4°18	12°21	8° 0	16°58	25°53	1°26	15°D38	17° 0	4°56	27°33	S 13
S 14	21 28 32	20°50'11	25° 0	10°15	1°43	4°56	12°30	8° 1	16°57	25°55	1°25	15°38	16°57	5° 2	27°30	S 14
M15	21 32 28	21°47'53	9♏12	12°14	2°56	5°35	12°39	8° 2	16°56	25°57	1°24	15°39	16°54	5° 9	27°27	M15
T 16	21 36 25	22°45'37	23° 7	14°13	4°10	6°13	12°48	8° 2	16°55	25°59	1°23	15°R40	16°51	5°16	27°24	T 16
W17	21 40 21	23°43'22	6♏46	16°13	5°23	6°52	12°56	8° 3	16°54	26° 1	1°22	15°39	16°48	5°22	27°21	W17
T 18	21 44 18	24°41'08	20° 8	18°14	6°37	7°30	13° 4	8° 3	16°53	26° 4	1°22	15°36	16°44	5°29	27°18	T 18
F 19	21 48 15	25°38'55	3♏16	20°15	7°51	8° 9	13°13	8° 3	16°51	26° 6	1°21	15°31	16°41	5°36	27°15	F 19
S 20	21 52 11	26°36'44	16°10	22°15	9° 4	8°47	13°21	8° 3	16°50	26° 8	1°20	15°24	16°38	5°42	27°12	S 20
S 21	21 56 8	27°34'33	28°51	24°15	10°18	9°25	13°29	8°R 3	16°49	26°10	1°19	15°16	16°35	5°49	27° 9	S 21
M22	22 0 4	28°32'24	11♏21	26°15	11°32	10° 4	13°37	8° 3	16°48	26°13	1°19	15° 8	16°32	5°56	27° 6	M22
T 23	22 4 1	29°30'17	23°39	28°14	12°45	10°42	13°44	8° 3	16°46	26°15	1°18	15° 0	16°28	6° 2	27° 3	T 23
W24	22 7 57	0♏28'11	5♏47	0♏13	13°59	11°20	13°52	8° 3	16°45	26°17	1°17	14°53	16°25	6° 9	27° 0	W24
T 25	22 11 54	1°26'06	17°47	2°10	15°13	11°58	13°59	8° 2	16°43	26°19	1°17	14°48	16°22	6°16	26°57	T 25
F 26	22 15 50	2°24'03	29°39	4° 6	16°27	12°37	14° 7	8° 2	16°42	26°21	1°16	14°44	16°19	6°22	26°54	F 26
S 27	22 19 47	3°22'02	11♋27	6° 1	17°41	13°15	14°14	8° 1	16°40	26°24	1°16	14°D43	16°16	6°29	26°51	S 27
S 28	22 23 44	4°20'02	23°13	7°56	18°55	13°53	14°21	8° 1	16°39	26°26	1°15	14°43	16°13	6°35	26°48	S 28
M29	22 27 40	5°18'04	5♏ 3	9°49	20° 8	14°31	14°28	8° 0	16°37	26°28	1°15	14°45	16° 9	6°42	26°45	M29
T 30	22 31 37	6°16'09	16°59	11°40	21°22	15° 9	14°34	7°59	16°35	26°30	1°14	14°46	16° 6	6°49	26°42	T 30
W31	22 35 33	7♏14'15	29♏ 7	13♏31	22♌37	15♌47	14♏41	7♏58	16°V34	26♌32	1♏14	14°V47	16°V 3	6°V55	26°R39	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	18n12	11n 9	0n53	20n50	1s17	22n30	0s 2	21n52	1n 1	21n19	0s44	11n46	2s29	6n 7	0s40	13n32
T 2	17 57	16 13	1 55	20 55	1 2	22 23	0n 1	21 45	1 1	21 20	0 44	11 46	2 29	6 6	0 40	13 31
W 3	17 41	20 44	2 52	20 58	0 47	22 16	0 3	21 37	1 1	21 22	0 44	11 46	2 29	6 6	0 40	13 31
T 4	17 26	24 28	3 42	20 59	0 32	22 9	0 6	21 30	1 2	21 23	0 44	11 47	2 29	6 6	0 40	13 30
F 5	17 10	27 6	4 23	20 58	0 18	22 1	0 8	21 22	1 2	21 25	0 44	11 47	2 30	6 6	0 40	13 29
S 6	16 54	28 19	4 51	20 55	0 5	21 52	0 11	21 14	1 2	21 26	0 44	11 47	2 30	6 5	0 40	13 28
S 7	16 37	27 53	5 4	20 49	0n 8	21 42	0 14	21 6	1 3	21 27	0 44	11 48	2 30	6 5	0 40	13 28
M 8	16 20	25 39	4 59	20 41	0 21	21 32	0 16	20 58	1 3	21 29	0 44	11 48	2 30	6 5	0 40	13 27
T 9	16 3	21 45	4 35	20 31	0 32	21 21	0 19	20 50	1 3	21 30	0 44	11 48	2 31	6 5	0 41	13 26
W10	15 46	16 26	3 53	20 17	0 43	21 10	0 21	20 42	1 4	21 31	0 44	11 48	2 31	6 4	0 41	13 25
T 11	15 28	10 7	2 54	20 1	0 53	20 58	0 24	20 33	1 4	21 32	0 44	11 48	2 31	6 4	0 41	13 25
F 12	15 11	3 15	1 44	19 42	1 2	20 46	0 26	20 24	1 4	21 33	0 44	11 48	2 31	6 3	0 41	13 24
S 13	14 52	3s45	0 27	19 21	1 10	20 32	0 29	20 15	1 5	21 35	0 44	11 48	2 32	6 3	0 41	13 23
S 14	14 34	10 28	0s50	18 57	1 18	20 19	0 31	20 6	1 5	21 36	0 44	11 48	2 32	6 3	0 41	13 22
M15	14 16	16 32	2 3	18 30	1 24	20 4	0 33	19 57	1 5	21 37	0 44	11 48	2 32	6 2	0 41	13 22
T 16	13 57	21 36	3 7	18 1	1 30	19 49	0 36	19 49	1 5	21 38	0 44	11 48	2 32	6 2	0 41	13 21
W17	13 38	25 24	4 0	17 30	1 35	19 34	0 38	19 39	1 6	21 39	0 44	11 48	2 33	6 1	0 41	13 20
T 18	13 19	27 43	4 38	16 57	1 39	19 18	0 40	19 29	1 6	21 40	0 44	11 48	2 33	6 1	0 41	13 19
F 19	12 59	28 26	5 0	16 22	1 42	19 1	0 42	19 19	1 6	21 41	0 44	11 48	2 33	6 0	0 41	13 19
S 20	12 40	27 35	5 7	15 45	1 44	18 44	0 45	19 10	1 7	21 42	0 44	11 48	2 33	6 0	0 41	13 18
S 21	12 20	25 17	4 59	15 7	1 45	18 26	0 47	19 0	1 7	21 43	0 44	11 47	2 34	5 59	0 41	13 17
M22	12 0	21 49	4 36	14 27	1 46	18 8	0 49	18 50	1 7	21 44	0 44	11 47	2 34	5 59	0 41	13 16
T 23	11 40	17 26	4 1	13 46	1 46	17 49	0 51	18 39	1 7	21 45	0 45	11 47	2 34	5 58	0 41	13 16
W24	11 19	12 25	3 15	13 3	1 45	17 30	0 53	18 29	1 8	21 46	0 45	11 46	2 34	5 58	0 41	13 15
T 25	10 59	7 0	2 21	12 20	1 44	17 10	0 55	18 19	1 8	21 46	0 45	11 46	2 35	5 57	0 41	13 14
F 26	10 38	1 23	1 21	11 36	1 42	16 50	0 57	18 8	1 8	21 47	0 45	11 46	2 35	5 56	0 41	13 13
S 27	10 17	4n16	0 18	10 52	1 40	16 29	0 58	17 58	1 8	21 48	0 45	11 45	2 35	5 56	0 41	13 13
S 28	9 56	9 45	0n46	10 7	1 37	16 8	1 0	17 47	1 9	21 49	0 45	11 45	2 35	5 55	0 41	13 12
M29	9 35	14 55	1 49	9 21	1 34	15 46	1 2	17 36	1 9	21 50	0 45	11 44	2 36	5 55	0 41	13 11
T 30	9 13	19 36	2 47	8 35	1 30	15 24	1 4	17 25	1 9	21 50	0 45	11 44	2 36	5 54	0 41	13 11
W31	8n52	23n32	3n39	7n48	1n26	15n 1	1n 5	17n14	1n 9	21n51	0s45	11n43	2s36	5n53	0s41	13n10

Julian Day Number = 2365194.5, Delta T = 19.76 sec

Ecliptic obliquity = 23°28'21", Nutation = - 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°26'22", Lahiri = 20°33'23"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1763

geocentric

SEPTEMBER 1763

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 30	8 ^h 12'23"	11 ^h 11'31"	15 ^h 10'20"	23 ^h 02'51"	16 ^h 02'26"	14 ^h 11'47"	7 ^h 05'57"	16 ^h 03'32"	26 ^h 02'35"	1 ^h 01'14"	14 ^h 04'48"	16 ^h 00'00"	7 ^h 00'02"	26 ^h 03'36"	T 1
F 2	22 43 26	9 ^h 10'34"	24 ^h 01'17"	17 ^h 00'09"	25 ^h 00'05"	17 ^h 00'04"	14 ^h 00'54"	7 ^h 00'55"	16 ^h 00'30"	26 ^h 00'37"	1 ^h 00'13"	14 ^h 00'47"	15 ^h 00'57"	7 ^h 00'09"	26 ^h 00'33"	F 2
S 3	22 47 23	10 ^h 00'46"	7 ^h 00'28"	18 ^h 00'55"	26 ^h 00'19"	17 ^h 00'42"	15 ^h 00'00"	7 ^h 00'54"	16 ^h 00'28"	26 ^h 00'39"	1 ^h 00'13"	14 ^h 00'44"	15 ^h 00'54"	7 ^h 00'15"	26 ^h 00'30"	S 3
S 4	22 51 19	11 ^h 00'00"	21 ^h 00'07"	20 ^h 00'41"	27 ^h 00'33"	18 ^h 00'20"	15 ^h 00'06"	7 ^h 00'52"	16 ^h 00'27"	26 ^h 00'41"	1 ^h 00'13"	14 ^h 00'40"	15 ^h 00'50"	7 ^h 00'22"	26 ^h 00'27"	S 4
M 5	22 55 16	12 ^h 00'51"	5 ^h 00'14"	22 ^h 00'26"	28 ^h 00'47"	18 ^h 00'58"	15 ^h 00'11"	7 ^h 00'51"	16 ^h 00'25"	26 ^h 00'43"	1 ^h 00'12"	14 ^h 00'36"	15 ^h 00'47"	7 ^h 00'29"	26 ^h 00'25"	M 5
T 6	22 59 13	13 ^h 00'33"	19 ^h 00'46"	24 ^h 00'09"	0 ^h 00'02"	19 ^h 00'36"	15 ^h 00'17"	7 ^h 00'49"	16 ^h 00'23"	26 ^h 00'46"	1 ^h 00'12"	14 ^h 00'31"	15 ^h 00'44"	7 ^h 00'35"	26 ^h 00'22"	T 6
W 7	23 03 09	14 ^h 00'15"	4 ^h 00'39"	25 ^h 00'52"	1 ^h 00'16"	20 ^h 00'14"	15 ^h 00'22"	7 ^h 00'48"	16 ^h 00'21"	26 ^h 00'48"	1 ^h 00'12"	14 ^h 00'27"	15 ^h 00'41"	7 ^h 00'42"	26 ^h 00'19"	W 7
T 8	23 07 06	15 ^h 00'17"	19 ^h 00'43"	27 ^h 00'33"	2 ^h 00'30"	20 ^h 00'52"	15 ^h 00'28"	7 ^h 00'46"	16 ^h 00'19"	26 ^h 00'50"	1 ^h 00'12"	14 ^h 00'24"	15 ^h 00'38"	7 ^h 00'49"	26 ^h 00'16"	T 8
F 9	23 11 02	15 ^h 58'41"	4 ^h 00'50"	29 ^h 00'13"	3 ^h 00'45"	21 ^h 00'30"	15 ^h 00'33"	7 ^h 00'44"	16 ^h 00'17"	26 ^h 00'52"	1 ^h 00'12"	14 ^h 00'22"	15 ^h 00'34"	7 ^h 00'55"	26 ^h 00'13"	F 9
S 10	23 14 59	16 ^h 57'06"	19 ^h 00'51"	0 ^h 00'52"	4 ^h 00'59"	22 ^h 00'08"	15 ^h 00'38"	7 ^h 00'42"	16 ^h 00'15"	26 ^h 00'54"	1 ^h 00'12"	14 ^h 00'22"	15 ^h 00'31"	8 ^h 00'02"	26 ^h 00'11"	S 10
S 11	23 18 55	17 ^h 55'33"	4 ^h 00'38"	2 ^h 00'29"	6 ^h 00'13"	22 ^h 00'45"	15 ^h 00'42"	7 ^h 00'39"	16 ^h 00'13"	26 ^h 00'56"	1 ^h 00'12"	14 ^h 00'23"	15 ^h 00'28"	8 ^h 00'09"	26 ^h 00'08"	S 11
M 12	23 22 52	18 ^h 54'02"	19 ^h 00'05"	4 ^h 00'06"	7 ^h 00'28"	23 ^h 00'23"	15 ^h 00'47"	7 ^h 00'37"	16 ^h 00'11"	26 ^h 00'58"	1 ^h 00'11"	14 ^h 00'24"	15 ^h 00'25"	8 ^h 00'15"	26 ^h 00'05"	M 12
T 13	23 26 48	19 ^h 52'33"	3 ^h 00'10"	5 ^h 00'42"	8 ^h 00'42"	24 ^h 00'01"	15 ^h 00'51"	7 ^h 00'35"	16 ^h 00'09"	27 ^h 00'00"	1 ^h 00'11"	14 ^h 00'25"	15 ^h 00'22"	8 ^h 00'22"	26 ^h 00'02"	T 13
W 14	23 30 45	20 ^h 51'05"	16 ^h 00'52"	7 ^h 00'17"	9 ^h 00'57"	24 ^h 00'39"	15 ^h 00'56"	7 ^h 00'32"	16 ^h 00'07"	27 ^h 00'02"	1 ^h 00'11"	14 ^h 00'26"	15 ^h 00'19"	8 ^h 00'28"	26 ^h 00'00"	W 14
T 15	23 34 42	21 ^h 49'39"	0 ^h 00'12"	8 ^h 00'50"	11 ^h 00'11"	25 ^h 00'17"	16 ^h 00'00"	7 ^h 00'30"	16 ^h 00'05"	27 ^h 00'05"	1 ^h 00'12"	14 ^h 00'26"	15 ^h 00'15"	8 ^h 00'35"	25 ^h 00'57"	T 15
F 16	23 38 38	22 ^h 48'14"	13 ^h 00'12"	10 ^h 00'23"	12 ^h 00'26"	25 ^h 00'55"	16 ^h 00'03"	7 ^h 00'27"	16 ^h 00'02"	27 ^h 00'07"	1 ^h 00'12"	14 ^h 00'25"	15 ^h 00'12"	8 ^h 00'42"	25 ^h 00'54"	F 16
S 17	23 42 35	23 ^h 46'52"	25 ^h 00'54"	11 ^h 00'54"	13 ^h 00'40"	26 ^h 00'32"	16 ^h 00'07"	7 ^h 00'25"	16 ^h 00'00"	27 ^h 00'09"	1 ^h 00'12"	14 ^h 00'23"	15 ^h 00'09"	8 ^h 00'48"	25 ^h 00'52"	S 17
S 18	23 46 31	24 ^h 45'30"	8 ^h 00'21"	13 ^h 00'25"	14 ^h 00'55"	27 ^h 00'10"	16 ^h 00'11"	7 ^h 00'22"	15 ^h 00'58"	27 ^h 00'11"	1 ^h 00'12"	14 ^h 00'20"	15 ^h 00'06"	8 ^h 00'55"	25 ^h 00'49"	S 18
M 19	23 50 28	25 ^h 44'11"	20 ^h 00'37"	14 ^h 00'54"	16 ^h 00'09"	27 ^h 00'48"	16 ^h 00'14"	7 ^h 00'19"	15 ^h 00'56"	27 ^h 00'13"	1 ^h 00'12"	14 ^h 00'17"	15 ^h 00'03"	9 ^h 00'02"	25 ^h 00'47"	M 19
T 20	23 54 24	26 ^h 42'53"	2 ^h 00'42"	16 ^h 00'23"	17 ^h 00'24"	28 ^h 00'26"	16 ^h 00'17"	7 ^h 00'16"	15 ^h 00'54"	27 ^h 00'15"	1 ^h 00'12"	14 ^h 00'14"	14 ^h 00'59"	9 ^h 00'08"	25 ^h 00'44"	T 20
W 21	23 58 21	27 ^h 41'38"	14 ^h 00'40"	17 ^h 00'50"	18 ^h 00'39"	29 ^h 00'03"	16 ^h 00'20"	7 ^h 00'13"	15 ^h 00'51"	27 ^h 00'17"	1 ^h 00'12"	14 ^h 00'12"	14 ^h 00'56"	9 ^h 00'15"	25 ^h 00'42"	W 21
T 22	0 02 17	28 ^h 40'24"	26 ^h 00'32"	19 ^h 00'16"	19 ^h 00'53"	29 ^h 00'41"	16 ^h 00'23"	7 ^h 00'10"	15 ^h 00'49"	27 ^h 00'19"	1 ^h 00'13"	14 ^h 00'10"	14 ^h 00'53"	9 ^h 00'22"	25 ^h 00'40"	T 22
F 23	0 06 14	29 ^h 39'12"	8 ^h 00'20"	20 ^h 00'42"	21 ^h 00'08"	0 ^h 00'19"	16 ^h 00'25"	7 ^h 00'06"	15 ^h 00'47"	27 ^h 00'21"	1 ^h 00'13"	14 ^h 00'09"	14 ^h 00'50"	9 ^h 00'28"	25 ^h 00'37"	F 23
S 24	0 10 11	0 ^h 38'02"	20 ^h 00'08"	22 ^h 00'06"	22 ^h 00'23"	0 ^h 00'56"	16 ^h 00'28"	7 ^h 00'03"	15 ^h 00'44"	27 ^h 00'22"	1 ^h 00'13"	14 ^h 00'09"	14 ^h 00'47"	9 ^h 00'35"	25 ^h 00'35"	S 24
S 25	0 14 07	1 ^h 36'54"	1 ^h 00'56"	23 ^h 00'29"	23 ^h 00'38"	1 ^h 00'34"	16 ^h 00'30"	7 ^h 00'00"	15 ^h 00'42"	27 ^h 00'24"	1 ^h 00'14"	14 ^h 00'10"	14 ^h 00'44"	9 ^h 00'42"	25 ^h 00'33"	S 25
M 26	0 18 04	2 ^h 35'49"	13 ^h 00'48"	24 ^h 00'51"	24 ^h 00'52"	2 ^h 00'11"	16 ^h 00'32"	6 ^h 00'56"	15 ^h 00'40"	27 ^h 00'26"	1 ^h 00'14"	14 ^h 00'11"	14 ^h 00'40"	9 ^h 00'48"	25 ^h 00'30"	M 26
T 27	0 22 00	3 ^h 34'45"	25 ^h 00'48"	26 ^h 00'12"	26 ^h 00'07"	2 ^h 00'49"	16 ^h 00'33"	6 ^h 00'53"	15 ^h 00'37"	27 ^h 00'28"	1 ^h 00'15"	14 ^h 00'12"	14 ^h 00'37"	9 ^h 00'55"	25 ^h 00'28"	T 27
W 28	0 25 57	4 ^h 33'44"	7 ^h 00'58"	27 ^h 00'31"	27 ^h 00'22"	3 ^h 00'26"	16 ^h 00'35"	6 ^h 00'49"	15 ^h 00'35"	27 ^h 00'30"	1 ^h 00'15"	14 ^h 00'13"	14 ^h 00'34"	10 ^h 00'01"	25 ^h 00'26"	W 28
T 29	0 29 53	5 ^h 32'46"	20 ^h 00'23"	28 ^h 00'50"	28 ^h 00'37"	4 ^h 00'04"	16 ^h 00'36"	6 ^h 00'45"	15 ^h 00'33"	27 ^h 00'32"	1 ^h 00'15"	14 ^h 00'14"	14 ^h 00'31"	10 ^h 00'08"	25 ^h 00'24"	T 29
F 30	0 33 50	6 ^h 31'49"	3 ^h 00'06"	0 ^h 00'07"	29 ^h 00'52"	4 ^h 00'41"	16 ^h 00'38"	6 ^h 00'42"	15 ^h 00'30"	27 ^h 00'34"	1 ^h 00'16"	14 ^h 00'14"	14 ^h 00'28"	10 ^h 00'15"	25 ^h 00'22"	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	8n30	26n31	4n21	7n 2	1n21	14n39	1n 7	17n 3	1n10	21n52	0s45	11n43	2s36	5n53	0s41	13n 9	0n30	19s 4	4n24	5n50	6n18	2n 3	6s34	6n28						
F 2	8 8	28 13	4 53	6 15	1 16	14 15	1 8	16 51	1 10	21 52	0 45	11 42	2 37	5 52	0 41	13 8	0 30	19 4	4 24	5 50	6 17	2 7	6 35	6 28						
S 3	7 46	28 25	5 10	5 29	1 11	13 51	1 10	16 40	1 10	21 53	0 45	11 41	2 37	5 51	0 41	13 8	0 31	19 5	4 23	5 49	6 16	2 10	6 37	6 28						
S 4	7 24	26 55	5 10	4 42	1 5	13 27	1 11	16 28	1 10	21 54	0 45	11 41	2 37	5 51	0 41	13 7	0 31	19 5	4 23	5 47	6 14	2 14	6 38	6 28						
M 5	7 2	23 43	4 53	3 55	1 0	13 3	1 13	16 17	1 11	21 54	0 45	11 40	2 37	5 50	0 41	13 6	0 31	19 5	4 23	5 46	6 13	2 17	6 39	6 28						
T 6	6 40	18 57	4 16	3 9	0 53	12 38	1 14	16 5	1 11	21 55	0 45	11 39	2 38	5 49	0 41	13 5	0 31	19 5	4 23	5 44	6 12	2 21	6 40	6 28						
W 7	6 17	12 56	3 21	2 22	0 47	12 12	1 15	15 53	1 11	21 55	0 45	11 38	2 38	5 48	0 41	13 5	0 31	19 6	4 22	5 42	6 11	2 24	6 41	6 27						
T 8	5 55	6 5	2 11	1 36	0 41	11 47	1 16	15 41	1 11	21 56	0 45	11 38	2 38	5 48	0 41	13 4	0 31	19 6	4 22	5 41	6 10	2 27	6 42	6 27						
F 9	5 32	1s 8	0 52	0 50	0 34	11 21	1 17	15 29	1 12	21 56	0 45	11 37	2 38	5 47	0 41	13 3	0 31	19 6	4 22	5 40	6 8	2 31	6 43	6 27						
S 10	5 10	8 14	0s30	0 4	0 27	10 55	1 18	15 17	1 12	21 57	0 45	11 36	2 38	5 46	0 41	13 3	0 31	19 6	4 22	5 40	6 7	2 34	6 44	6 27						
S 11	4 47	14 48	1 49	0s41	0 20	10 28	1 19	15 5	1 12	21 57	0 45	11 35	2 39	5 45	0 41	13 2	0 31	19 7	4 21	5 41	6 6	2 38	6 45	6 27						
M 12	4 24	20 24	3 0	1 26	0 13	10 1	1 20	14 53	1 12	21 58	0 45	11 34	2 39	5 44	0 41	13 1	0 31	19 7	4 21	5 41	6 5	2 41	6 47	6 26						
T 13	4 1	24 42	3 57	2 11	0 6	9 34	1 21	14 40	1 13	21 58	0 45	11 33	2 39	5 44	0 41	13 0	0 31	19 7	4 21	5 42	6 3	2 45	6 48	6 26						
W 14	3 38	27 28	4 40	2 55	0s 1	9 7	1 22	14 28	1 13	21 59	0 45	11 32	2 39	5 43	0 41	13 0	0 31	19 7	4 21	5 42	6 2	2 48	6 49	6 26						
T 15	3 15	28 34	5 6	3 39	0 9	8 39	1 23	14 15	1 13	21 59	0 45	11 31	2 39	5 42	0 41	12 59	0 31	19 8	4 21	5 42	6 1	2 51	6 50	6 26						
F 16	2 52	28 3	5 15	4 22	0 16	8 11	1 23	14 3	1 13	21 59	0 45	11 30	2 40	5 41	0 41	12 58	0 31	19 8	4 20	5 41	6 0	2 55	6 51	6 25						
S 17	2 28	26 3	5 9	5 5	0 24	7 43	1 24	13 50	1 13	22 0	0 45	11 29	2 40	5 40	0 41	12 58	0 31	19 8	4 20	5 41	5 59	2 58	6 52	6 25						
S 18	2 5	22 50	4 48	5 47	0 31	7 15	1 24	13 37	1 14	22 0	0 46	11 28	2 40	5 39	0 41	12 57	0 31	19 8	4 20	5 39	5 57	3 2	6 53	6 25						
M 19	1 42	18 39	4 14	6 29	0 39	6 46	1 25	13 25	1 14	22 0	0 46	11 27	2 40	5 38	0 41	12 56	0 31	19 8	4 20	5 38	5 56	3 5	6 54	6 25						
T 20	1 18	13 47	3 30	7 10	0 47	6 17	1 25	13 12	1 14	22 1	0 46	11 26	2 40	5 38	0 41	12 56	0 31	19 9	4 19	5 37	5 55	3 9	6 55	6 24						
W 21	0 55	8 27	2 36	7 51	0 54	5 49	1 26	12 59	1 14	22 1	0 46	11 25	2 41	5 37	0 41	12 55	0 31	19 9	4 19	5 36	5 54	3 12	6 56	6 24						
T 22	0 32	2 51	1 36	8 30	1 2	5 19	1 26	12 46	1 14	22 1	0 46	11 23	2 41	5 36	0 41	12 54	0 31	19 9	4 19	5 36	5 52	3 15	6 57	6 24						
F 23	0 8	2n49	0 32	9 10	1 9	4 50	1 26	12 33	1 15	22 1	0 46	11 22	2 41	5 35	0 41	12 54	0 31	19 9	4 19	5 35	5 51	3 19	6 58	6 24						
S 24	0s15	8 23	0n33	9 48	1 17	4 21	1 26	12 19	1 15	22 1	0 46	11 21	2 41	5 34	0 41	12 53	0 31	19 10	4 18	5 35	5 50	3 22	6 59	6 23						
S 25	0 39	13 41	1 37	10 26	1 14	3 51	1 26	12 6	1 15	22 2	0 46	11 20	2 41	5 33	0 41	12 52	0 31	19 10	4 18	5 36	5 49	3 26	7 0	6 23						
M 26	1 2	18 30	2 37	11 3	1 32	3 21	1 26	11 53	1 15	22 2	0 46	11 18	2 41	5 32	0 41	12 52	0 31	19 10	4 18	5 36	5 47	3 29	7 1	6 23						
T 27	1 25	22 39	3 31	11 40	1 39	2 52	1 26	11 39	1 15	22 2	0 46	11 17	2 42	5 31	0 41	12 51	0 31	19 10	4 18	5 36	5 46	3 33	7 2	6 22						
W 28	1 49	25 53	4 16	12 15	1 46	2 22	1 26	11 26	1 16	22 2	0 46	11 16	2 42	5 30	0 41	12 50	0 31	19 11	4 17	5 37	5 45	3 36	7 3	6 22						
T 29	2 12	27 57	4 51	12 50	1 53	1 52	1 26	11 13	1 16	22 2	0 46	11 14	2 42	5 30	0 41	12 50	0 31	19 11	4 17	5 37	5 44	3 39	7 4	6 22						
F 30	2s36	28n38	5n12	13s24	2s 0	1n22	1n25	10n59	1n16	22n 2	0s46	11n13	2s42	5n29	0s41	12n49	0n31	19s11	4n17	5n37	5n43	3n43	7s 5	6n21						

ASTRODIENST EPHEMERIS for the year 1763
geocentric

OCTOBER 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	0 37 46	7♈30'55	16♉11	1♊22	1♋7	5♌19	16♍39	6°R38	15°R28	27♎236	1♏17	14°R14	14°V25	10°V21	25°R20	S 1
S 2	0 41 43	8°30'04	29°42	2°36	2°22	5°56	16°39	6♎34	15°V25	27°37	1°17	14°V14	14°21	10°28	25°18	S 2
M 3	0 45 40	9°29'14	13♊39	3°49	3°37	6°34	16°40	6°30	15°23	27°39	1°18	14°13	14°18	10°35	25°16	M 3
T 4	0 49 36	10°28'27	28°2	5°0	4°52	7°11	16°40	6°26	15°21	27°41	1°18	14°13	14°15	10°41	25°14	T 4
W 5	0 53 33	11°27'42	12♋49	6°9	6°6	7°49	16°R41	6°22	15°18	27°43	1°19	14°12	14°12	10°48	25°13	W 5
T 6	0 57 29	12°26'59	27°52	7°16	7°21	8°26	16°40	6°18	15°16	27°44	1°20	14°12	14°9	10°55	25°11	T 6
F 7	1 1 26	13°26'19	13♌4	8°21	8°37	9°4	16°40	6°13	15°13	27°46	1°20	14°D12	14°5	11°1	25°9	F 7
S 8	1 5 22	14°25'40	28°15	9°24	9°52	9°41	16°40	6°9	15°11	27°48	1°21	14°R12	14°2	11°8	25°7	S 8
S 9	1 9 19	15°25'04	13♍16	10°24	11°7	10°18	16°39	6°5	15°8	27°49	1°22	14°12	13°59	11°15	25°6	S 9
M10	1 13 15	16°24'29	27°59	11°21	12°22	10°56	16°38	6°0	15°6	27°51	1°23	14°12	13°56	11°21	25°4	M10
T 11	1 17 12	17°23'57	12♎18	12°16	13°37	11°33	16°37	5°56	15°3	27°53	1°24	14°12	13°53	11°28	25°3	T 11
W12	1 21 9	18°23'26	26°10	13°7	14°52	12°10	16°36	5°52	15°1	27°54	1°25	14°11	13°50	11°34	25°1	W12
T 13	1 25 5	19°22'57	9♏36	13°55	16°7	12°47	16°35	5°47	14°59	27°56	1°26	14°11	13°46	11°41	25°0	T 13
F 14	1 29 2	20°22'30	22°37	14°39	17°22	13°25	16°33	5°43	14°56	27°57	1°26	14°D11	13°43	11°48	24°59	F 14
S 15	1 32 58	21°22'04	5♐15	15°18	18°37	14°2	16°31	5°38	14°54	27°59	1°27	14°11	13°40	11°54	24°57	S 15
S 16	1 36 55	22°21'40	17°36	15°52	19°52	14°39	16°29	5°33	14°51	28°0	1°28	14°12	13°37	12°1	24°56	S 16
M17	1 40 51	23°21'18	29°43	16°22	21°7	15°16	16°27	5°29	14°49	28°2	1°29	14°13	13°34	12°8	24°55	M17
T 18	1 44 48	24°20'58	11♋40	16°45	22°23	15°53	16°24	5°24	14°47	28°3	1°31	14°14	13°31	12°14	24°54	T 18
W19	1 48 44	25°20'39	23°31	17°2	23°38	16°30	16°22	5°19	14°44	28°4	1°32	14°15	13°27	12°21	24°53	W19
T 20	1 52 41	26°20'22	5♑19	17°12	24°53	17°7	16°19	5°15	14°42	28°6	1°33	14°15	13°24	12°28	24°52	T 20
F 21	1 56 37	27°20'07	17°7	17°R15	26°8	17°44	16°16	5°10	14°39	28°7	1°34	14°R15	13°21	12°34	24°51	F 21
S 22	2 0 34	28°19'55	28°57	17°10	27°23	18°21	16°13	5°5	14°37	28°8	1°35	14°15	13°18	12°41	24°50	S 22
S 23	2 4 31	29°19'44	10♌51	16°56	28°38	18°58	16°9	5°0	14°35	28°10	1°36	14°14	13°15	12°48	24°49	S 23
M24	2 8 27	0♍19'35	22°52	16°33	29°54	19°35	16°6	4°56	14°32	28°11	1°37	14°11	13°11	12°54	24°48	M24
T25	2 12 24	1°19'28	5♊1	16°1	1♋9	20°12	16°2	4°51	14°30	28°12	1°39	14°9	13°8	13°1	24°48	T25
W26	2 16 20	2°19'24	17°20	15°20	2°24	20°49	15°58	4°46	14°28	28°13	1°40	14°6	13°5	13°8	24°47	W26
T 27	2 20 17	3°19'21	29°52	14°30	3°39	21°26	15°54	4°41	14°26	28°15	1°41	14°3	13°2	13°14	24°47	T 27
F 28	2 24 13	4°19'21	12♎38	13°31	4°55	22°3	15°50	4°36	14°23	28°16	1°43	14°1	12°59	13°21	24°46	F 28
S 29	2 28 10	5°19'23	25°42	12°25	6°10	22°40	15°45	4°31	14°21	28°17	1°44	14°0	12°56	13°27	24°46	S 29
S 30	2 32 7	6°19'27	9♏6	11°13	7°25	23°17	15°40	4°27	14°19	28°18	1°45	14°D0	12°52	13°34	24°45	S 30
M31	2 36 3	7♎19'33	22♊51	9♍57	8♌40	23♋54	15♉36	4♎22	14°V17	28♎19	1♏47	14°V0	12°V49	13°V41	24°45	M31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	decl	lat
S 1	2s59	27n44	5n18	13s57	2s 7	0n52	1n25	10n45	1n16	22n 2	0s46	11n12	2s42	5n28	0s41	12n49	0n31	19s11	4n17	5n37	5n41	3n46	7s 6	6n21									
S 2	3 23	25 14	5 6	14 29	2 14	0 21	1 25	10 32	1 16	22 2	0 46	11 10	2 42	5 27	0 41	12 48	0 31	19 12	4 16	5 37	5 40	3 50	7 7	6 21									
M 3	3 46	21 10	4 37	15 0	2 20	0s 9	1 24	10 18	1 17	22 2	0 46	11 9	2 42	5 26	0 41	12 47	0 31	19 12	4 16	5 37	5 39	3 53	7 8	6 20									
T 4	4 9	15 45	3 50	15 30	2 26	0 39	1 24	10 4	1 17	22 2	0 46	11 7	2 42	5 25	0 41	12 47	0 31	19 12	4 16	5 37	5 38	3 57	7 9	6 20									
W 5	4 32	9 19	2 46	15 59	2 32	1 9	1 23	9 50	1 17	22 2	0 46	11 6	2 43	5 24	0 41	12 46	0 31	19 12	4 16	5 37	5 36	4 0	7 10	6 20									
T 6	4 56	2 13	1 30	16 27	2 38	1 40	1 23	9 37	1 17	22 2	0 46	11 5	2 43	5 23	0 41	12 46	0 31	19 12	4 16	5 36	5 35	4 3	7 11	6 19									
F 7	5 19	5s 4	0 6	16 53	2 43	2 10	1 22	9 23	1 17	22 2	0 46	11 3	2 43	5 22	0 41	12 45	0 31	19 13	4 15	5 36	5 34	4 7	7 12	6 19									
S 8	5 42	12 4	1s17	17 18	2 48	2 40	1 21	9 9	1 17	22 2	0 46	11 2	2 43	5 21	0 41	12 45	0 31	19 13	4 15	5 36	5 33	4 10	7 13	6 19									
S 9	6 5	18 18	2 35	17 42	2 53	3 10	1 20	8 55	1 18	22 2	0 46	11 0	2 43	5 20	0 41	12 44	0 31	19 13	4 15	5 36	5 31	4 14	7 14	6 18									
M10	6 28	23 19	3 40	18 4	2 57	3 40	1 19	8 41	1 18	22 2	0 46	10 59	2 43	5 19	0 41	12 44	0 31	19 13	4 15	5 36	5 30	4 17	7 15	6 18									
T 11	6 50	26 46	4 30	18 25	3 1	4 11	1 18	8 27	1 18	22 2	0 46	10 57	2 43	5 18	0 41	12 43	0 31	19 14	4 14	5 36	5 29	4 20	7 15	6 18									
W12	7 13	28 27	5 2	18 44	3 5	4 41	1 17	8 13	1 18	22 2	0 46	10 56	2 43	5 17	0 41	12 42	0 31	19 14	4 14	5 36	5 28	4 24	7 16	6 17									
T 13	7 36	28 23	5 17	19 1	3 7	5 10	1 16	7 58	1 18	22 2	0 46	10 54	2 43	5 16	0 41	12 42	0 31	19 14	4 14	5 36	5 26	4 27	7 17	6 17									
F 14	7 58	26 44	5 14	19 16	3 9	5 40	1 15	7 44	1 18	22 1	0 46	10 52	2 43	5 16	0 41	12 41	0 31	19 14	4 14	5 36	5 25	4 31	7 18	6 16									
S 15	8 21	23 46	4 57	19 29	3 11	6 10	1 14	7 30	1 19	22 1	0 46	10 51	2 43	5 15	0 41	12 41	0 31	19 14	4 13	5 36	5 24	4 34	7 19	6 16									
S 16	8 43	19 47	4 25	19 40	3 12	6 40	1 13	7 16	1 19	22 1	0 46	10 49	2 43	5 14	0 41	12 40	0 31	19 15	4 13	5 36	5 23	4 38	7 19	6 16									
M17	9 5	15 4	3 43	19 48	3 11	7 9	1 11	7 2	1 19	22 1	0 46	10 48	2 43	5 13	0 41	12 40	0 31	19 15	4 13	5 37	5 22	4 41	7 20	6 15									
T 18	9 27	9 50	2 51	19 54	3 10	7 38	1 10	6 47	1 19	22 1	0 46	10 46	2 44	5 12	0 41	12 40	0 31	19 15	4 13	5 37	5 20	4 44	7 21	6 15									
W19	9 49	4 18	1 53	19 57	3 8	8 7	1 9	6 33	1 19	22 0	0 46	10 45	2 44	5 11	0 41	12 39	0 31	19 15	4 13	5 37	5 19	4 48	7 22	6 14									
T 20	10 11	1n22	0 49	19 57	3 5	8 36	1 7	6 19	1 19	22 0	0 46	10 43	2 44	5 10	0 41	12 39	0 31	19 15	4 12	5 38	5 18	4 51	7 22	6 14									
F 21	10 32	6 58	0n16	19 53	3 0	9 5	1 6	6 4	1 19	22 0	0 46	10 41	2 44	5 9	0 41	12 38	0 31	19 16	4 12	5 38	5 17	4 55	7 23	6 14									
S 22	10 54	12 22	1 21	19 46	2 54	9 34	1 4	5 50	1 20	21 59	0 46	10 40	2 44	5 8	0 41	12 38	0 32	19 16	4 12	5 38	5 15	4 58	7 24	6 13									
S 23	11 15	17 21	2 22	19 35	2 47	10 2	1 3	5 36	1 20	21 59	0 46	10 38	2 44	5 7	0 41	12 37	0 32	19 16	4 12	5 37	5 14	5 1	7 24	6 13									
M24	11 36	21 42	3 18	19 19	2 38	10 30	1 1	5 21	1 20	21 59	0 46	10 37	2 44	5 6	0 41	12 37	0 32	19 16	4 12	5 36	5 13	5 5	7 25	6 12									
T25	11 57	25 11	4 5	19 0	2 27	10 58	0 59	5 7	1 20	21 58	0 46	10 35	2 44	5 6	0 41	12 37	0 32	19 16	4 11	5 35	5 12	5 8	7 25	6 12									
W26	12 18	27 33	4 42	18 36	2 14	11 25	0 57	4 52	1 20	21 58	0 46	10 33	2 44	5 5	0 41	12 36	0 32	19 17	4 11	5 34	5 10	5 12	7 26	6 12									
T 27	12 38	28 34	5 6	18 7	2 0	11 53	0 56	4 38	1 20	21 57	0 46	10 32	2 44	5 4	0 41	12 36	0 32	19 17	4 11	5 33	5 9	5 15	7 27	6 11									
F 28	12 59	28 6	5 15	17 34	1 44	12 20	0 54	4 23	1 20	21 57	0 46	10 30	2 44	5 3	0 41	12 35	0 32	19 17	4 11	5 32	5 8	5 18	7 27	6 11									
S 29	13 19	26 5	5 9	16 57	1 26	12 47	0 52	4 9	1 21	21 57	0 46	10 29	2 44	5 2	0 41	12 35	0 32	19 17	4 10	5 32	5 7	5 22	7 28	6 10									
S 30	13 39	22 36	4 46	16 17	1 8	13 13	0 50	3 54	1 21	21 56	0 46	10 27	2 43	5 1	0 41	12 35	0 32	19 17	4 10	5 32	5 5	5 25	7 28	6 10									
M31	13s59	17n47	4n 6	15s34	0s48	13s39	0n48	3n40	1n21	21n56	0s46	10n26	2s43	5n 0	0s41	12n34	0n32	19s18	4n10	5n32	5n 4	5n29	7s29	6n 9									

ASTRODIENST EPHEMERIS for the year 1763

geocentric

NOVEMBER 1763

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 0	8♈19'41	6♈58	8°R38	9♈56	24♈31	15°R30	4°R17	14°R15	28♈20	1♈48	14°Y 2	12°Y46	13°Y47	24°R45	T 1
W 2	2 43 56	9°19'51	21°27	7♈20	11°11	25° 7	15♈25	4♈12	14°Y12	28°21	1°50	14° 3	12°43	13°54	24°R44	W 2
T 3	2 47 53	10°20'04	6♈13	6° 5	12°26	25°44	15°20	4° 7	14°10	28°22	1°51	14° 4	12°40	14° 1	24°44	T 3
F 4	2 51 49	11°20'18	21°13	4°55	13°41	26°21	15°14	4° 3	14° 8	28°23	1°53	14°R 4	12°36	14° 7	24°44	F 4
S 5	2 55 46	12°20'34	6♈17	3°53	14°57	26°58	15° 9	3°58	14° 6	28°24	1°54	14° 3	12°33	14°14	24°D44	S 5
S 6	2 59 42	13°20'52	21°17	3° 0	16°12	27°34	15° 3	3°53	14° 4	28°25	1°56	14° 0	12°30	14°21	24°44	S 6
M 7	3 3 39	14°21'12	6♈ 5	2°17	17°27	28°11	14°57	3°48	14° 2	28°25	1°57	13°56	12°27	14°27	24°44	M 7
T 8	3 7 35	15°21'34	20°33	1°46	18°43	28°48	14°51	3°44	14° 0	28°26	1°59	13°51	12°24	14°34	24°44	T 8
W 9	3 11 32	16°21'57	4♈35	1°26	19°58	29°24	14°44	3°39	13°58	28°27	2° 0	13°46	12°21	14°41	24°45	W 9
T 10	3 15 29	17°22'22	18° 9	1°D18	21°13	0♈ 1	14°38	3°34	13°56	28°28	2° 2	13°42	12°17	14°47	24°45	T 10
F 11	3 19 25	18°22'47	1♈15	1°22	22°29	0°37	14°31	3°30	13°54	28°28	2° 4	13°39	12°14	14°54	24°45	F 11
S 12	3 23 22	19°23'15	13°57	1°36	23°44	1°14	14°25	3°25	13°52	28°29	2° 5	13°D37	12°11	15° 0	24°46	S 12
S 13	3 27 18	20°23'43	26°18	1°59	24°59	1°50	14°18	3°21	13°51	28°30	2° 7	13°37	12° 8	15° 7	24°46	S 13
M14	3 31 15	21°24'13	8♈23	2°32	26°15	2°27	14°11	3°16	13°49	28°30	2° 9	13°39	12° 5	15°14	24°47	M14
T 15	3 35 11	22°24'44	20°17	3°13	27°30	3° 3	14° 4	3°12	13°47	28°31	2°11	13°40	12° 2	15°20	24°48	T 15
W16	3 39 8	23°25'16	2°Y 5	4° 1	28°45	3°40	13°57	3° 7	13°45	28°31	2°12	13°42	11°58	15°27	24°48	W16
T 17	3 43 5	24°25'50	13°52	4°56	0♈ 1	4°16	13°49	3° 3	13°44	28°32	2°14	13°R43	11°55	15°34	24°49	T 17
F 18	3 47 1	25°26'25	25°41	5°56	1°16	4°52	13°42	2°59	13°42	28°32	2°16	13°42	11°52	15°40	24°50	F 18
S 19	3 50 58	26°27'01	7♈36	7° 1	2°31	5°29	13°35	2°55	13°40	28°33	2°18	13°39	11°49	15°47	24°51	S 19
S 20	3 54 54	27°27'39	19°39	8°10	3°47	6° 5	13°27	2°50	13°39	28°33	2°19	13°34	11°46	15°54	24°52	S 20
M21	3 58 51	28°28'18	1♈53	9°23	5° 2	6°41	13°19	2°46	13°37	28°34	2°21	13°27	11°42	16° 0	24°53	M21
T 22	4 2 47	29°28'59	14°17	10°39	6°17	7°17	13°12	2°42	13°36	28°34	2°23	13°18	11°39	16° 7	24°54	T 22
W23	4 6 44	0♈29'41	26°53	11°58	7°33	7°54	13° 4	2°38	13°34	28°34	2°25	13° 9	11°36	16°14	24°55	W23
T 24	4 10 40	1°30'25	9♈41	13°18	8°48	8°30	12°56	2°34	13°33	28°34	2°27	13° 1	11°33	16°20	24°56	T 24
F 25	4 14 37	2°31'10	22°41	14°41	10° 3	9° 6	12°48	2°31	13°32	28°35	2°29	12°53	11°30	16°27	24°57	F 25
S 26	4 18 34	3°31'56	5♈54	16° 6	11°19	9°42	12°40	2°27	13°30	28°35	2°31	12°48	11°27	16°34	24°58	S 26
S 27	4 22 30	4°32'44	19°20	17°31	12°34	10°18	12°32	2°23	13°29	28°35	2°33	12°44	11°23	16°40	25° 0	S 27
M28	4 26 27	5°33'33	3♈ 0	18°58	13°49	10°54	12°24	2°19	13°28	28°35	2°35	12°D43	11°20	16°47	25° 1	M28
T 29	4 30 23	6°34'24	16°55	20°26	15° 5	11°30	12°16	2°16	13°27	28°35	2°37	12°43	11°17	16°53	25° 3	T 29
W30	4 34 20	7♈35'17	1♈ 5	21♈55	16♈20	12♈ 6	12♈ 8	2♈12	13°Y25	28♈35	2♈39	12°Y44	11°Y14	17°Y 0	25° 4	W30

Day	☉	☾		♂	♀		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s18	11n54	3n10	14s50	0s27	14s 5	0n46	3n25	1n21	21n55	0s46	10n24	2s43	5n 0	0s41	12n34	0n32	19s18	4n10	5n32	5n 3	5n32	7s29	6n 9	
W 2	14 37	5 15	2 1	14 5	0 6	14 30	0 44	3 11	1 21	21 54	0 46	10 22	2 43	4 59	0 41	12 34	0 32	19 18	4 10	5 33	5 2	5 35	7 30	6 9	
T 3	14 56	1s49	0 43	13 21	0n14	14 55	0 42	2 56	1 21	21 54	0 46	10 21	2 43	4 58	0 41	12 33	0 32	19 18	4 9	5 33	5 1	5 39	7 30	6 8	
F 4	15 15	8 53	0s39	12 39	0 34	15 20	0 40	2 42	1 21	21 53	0 46	10 19	2 43	4 57	0 41	12 33	0 32	19 18	4 9	5 33	4 59	5 42	7 31	6 8	
S 5	15 34	15 30	1 59	12 1	0 52	15 44	0 38	2 27	1 21	21 53	0 46	10 18	2 43	4 56	0 41	12 33	0 32	19 19	4 9	5 33	4 58	5 46	7 31	6 7	
S 6	15 52	21 10	3 10	11 26	1 10	16 8	0 36	2 13	1 21	21 52	0 46	10 16	2 43	4 56	0 41	12 33	0 32	19 19	4 9	5 32	4 57	5 49	7 31	6 7	
M 7	16 10	25 25	4 7	10 57	1 25	16 32	0 33	1 58	1 22	21 52	0 46	10 15	2 43	4 55	0 41	12 32	0 32	19 19	4 9	5 30	4 56	5 52	7 32	6 7	
T 8	16 28	27 55	4 47	10 34	1 39	16 55	0 31	1 44	1 22	21 51	0 46	10 13	2 43	4 54	0 41	12 32	0 32	19 19	4 8	5 28	4 54	5 56	7 32	6 6	
W 9	16 45	28 32	5 9	10 16	1 51	17 17	0 29	1 29	1 22	21 50	0 46	10 12	2 43	4 53	0 41	12 32	0 32	19 19	4 8	5 26	4 53	5 59	7 32	6 6	
T 10	17 3	27 23	5 12	10 4	2 0	17 40	0 27	1 15	1 22	21 50	0 46	10 10	2 43	4 53	0 41	12 32	0 32	19 19	4 8	5 25	4 52	6 3	7 33	6 5	
F 11	17 19	24 45	4 58	9 58	2 8	18 1	0 25	1 0	1 22	21 49	0 46	10 9	2 43	4 52	0 41	12 31	0 32	19 20	4 8	5 24	4 51	6 6	7 33	6 5	
S 12	17 36	20 58	4 30	9 57	2 14	18 22	0 22	0 46	1 22	21 48	0 46	10 8	2 42	4 51	0 41	12 31	0 32	19 20	4 8	5 23	4 49	6 9	7 33	6 4	
S 13	17 52	16 22	3 50	10 1	2 19	18 43	0 20	0 31	1 22	21 47	0 46	10 6	2 42	4 51	0 41	12 31	0 32	19 20	4 8	5 23	4 48	6 13	7 34	6 4	
M14	18 8	11 14	3 1	10 9	2 22	19 3	0 18	0 17	1 22	21 47	0 46	10 5	2 42	4 50	0 41	12 31	0 32	19 20	4 7	5 23	4 47	6 16	7 34	6 4	
T 15	18 24	5 45	2 4	10 21	2 23	19 23	0 15	0 3	1 22	21 46	0 46	10 3	2 42	4 49	0 41	12 31	0 32	19 20	4 7	5 24	4 46	6 19	7 34	6 3	
W16	18 39	0 8	1 3	10 37	2 24	19 42	0 13	0s12	1 22	21 45	0 46	10 2	2 42	4 49	0 41	12 30	0 32	19 20	4 7	5 25	4 44	6 23	7 34	6 3	
T 17	18 54	5n29	0n 1	10 56	2 23	20 1	0 10	0 26	1 22	21 44	0 45	10 1	2 42	4 48	0 41	12 30	0 32	19 20	4 7	5 25	4 43	6 26	7 34	6 2	
F 18	19 9	10 57	1 5	11 18	2 21	20 19	0 8	0 41	1 23	21 44	0 45	9 59	2 42	4 47	0 41	12 30	0 32	19 21	4 7	5 25	4 42	6 30	7 34	6 2	
S 19	19 23	16 3	2 6	11 41	2 19	20 36	0 6	0 55	1 23	21 43	0 45	9 58	2 41	4 47	0 40	12 30	0 32	19 21	4 6	5 24	4 41	6 33	7 35	6 1	
S 20	19 37	20 36	3 2	12 7	2 15	20 53	0 3	1 9	1 23	21 42	0 45	9 57	2 41	4 46	0 40	12 30	0 32	19 21	4 6	5 22	4 39	6 36	7 35	6 1	
M21	19 51	24 20	3 51	12 34	2 11	21 9	0 1	1 23	1 23	21 41	0 45	9 56	2 41	4 46	0 40	12 30	0 32	19 21	4 6	5 19	4 38	6 40	7 35	6 1	
T 22	20 4	27 0	4 29	13 2	2 7	21 25	0s 2	1 38	1 23	21 40	0 45	9 54	2 41	4 45	0 40	12 30	0 32	19 21	4 6	5 16	4 37	6 43	7 35	6 0	
W23	20 17	28 21	4 55	13 31	2 2	21 40	0 4	1 52	1 23	21 39	0 45	9 53	2 41	4 45	0 40	12 30	0 32	19 21	4 6	5 12	4 36	6 46	7 35	6 0	
T 24	20 29	28 13	5 7	14 1	1 56	21 54	0 6	2 6	1 23	21 38	0 45	9 52	2 41	4 44	0 40	12 30	0 32	19 21	4 6	5 9	4 34	6 50	7 35	5 59	
F 25	20 42	26 32	5 3	14 31	1 50	22 8	0 9	2 20	1 23	21 37	0 45	9 51	2 40	4 44	0 40	12 30	0 32	19 22	4 5	5 6	4 33	6 53	7 35	5 59	
S 26	20 53	23 23	4 43	15 1	1 44	22 21	0 11	2 34	1 23	21 37	0 45	9 50	2 40	4 43	0 40	12 29	0 32	19 22	4 5	5 4	4 32	6 57	7 35	5 58	
S 27	21 5	18 57	4 7	15 31	1 38	22 34	0 14	2 49	1 23	21 36	0 45	9 49	2 40	4 43	0 40	12 29	0 33	19 22	4 5	5 2	4 31	7 0	7 35	5 58	
M28	21 16	13 28	3 17	16 2	1 31	22 45	0 16	3 3	1 23	21 35	0 44	9 48	2 40	4 42	0 40	12 29	0 33	19 22	4 5	5 2	4 29	7 3	7 35	5 58	
T 29	21 26	7 14	2 14	16 32	1 24	22 56	0 18	3 17	1 23	21 34	0 44	9 47	2 40	4 42	0 40	12 29	0 33	19 22	4 5	5 2	4 28	7 7	7 35	5 57	
W30	21s36	0n31	1n 2	17s 2	1n17	23s 7	0s21	3s31	1n23	21n33	0s44	9n46	2s39	4n41	0s40	12n29	0n33	19s22	4n 5	5n 2	4n27	7n10	7s34	5n57	

ASTRODIENST EPHEMERIS for the year 1763
geocentric

DECEMBER 1763

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	4 38 16	8♌36°10	15♊29	23♋24	17♈35	12♏42	12♏0	2♏9	13♏24	28♏35	2♏41	12♏45	11♏11	17♏7	25♏6	T 1
F 2	4 42 13	9♏37°05	0♋5	24°54	18°51	13°18	11♏51	2♏6	13♏23	28♏35	2°43	12♏43	11°8	17°13	25°7	F 2
S 3	4 46 9	10°38'02	14°47	26°24	20°6	13°53	11°43	2°2	13°22	28°35	2°45	12°40	11°4	17°20	25°9	S 3
S 4	4 50 6	11°38'59	29°30	27°55	21°22	14°29	11°35	1°59	13°21	28°35	2°47	12°33	11°1	17°27	25°11	S 4
M 5	4 54 3	12°39'58	14♌5	29°26	22°37	15°5	11°27	1°56	13°20	28°35	2°49	12°24	10°58	17°33	25°13	M 5
T 6	4 57 59	13°40'58	28°27	0♌58	23°52	15°41	11°19	1°53	13°20	28°35	2°51	12°14	10°55	17°40	25°14	T 6
W 7	5 1 56	14°41'58	12♍28	2°29	25°8	16°16	11°11	1°50	13°19	28°35	2°53	12°4	10°52	17°47	25°16	W 7
T 8	5 5 52	15°43'00	26°4	4°1	26°23	16°52	11°2	1°48	13°18	28°35	2°55	11°54	10°48	17°53	25°18	T 8
F 9	5 9 49	16°44'01	9♎14	5°34	27°38	17°28	10°54	1°45	13°17	28°34	2°57	11°46	10°45	18°0	25°20	F 9
S 10	5 13 45	17°45'04	22°0	7°6	28°54	18°3	10°46	1°42	13°17	28°34	2°59	11°40	10°42	18°7	25°23	S 10
S 11	5 17 42	18°46'07	4♎24	8°38	0♏9	18°39	10°38	1°40	13°16	28°34	3°1	11°37	10°39	18°13	25°25	S 11
M 12	5 21 38	19°47'10	16°30	10°11	1°24	19°14	10°30	1°37	13°15	28°33	3°3	11°D36	10°36	18°20	25°27	M 12
T 13	5 25 35	20°48'14	28°25	11°44	2°40	19°49	10°22	1°35	13°15	28°33	3°5	11°36	10°33	18°27	25°29	T 13
W 14	5 29 32	21°49'18	10♏13	13°17	3°55	20°25	10°14	1°33	13°14	28°32	3°7	11°R36	10°29	18°33	25°31	W 14
T 15	5 33 28	22°50'22	22°0	14°50	5°10	21°0	10°7	1°31	13°14	28°32	3°10	11°36	10°26	18°40	25°34	T 15
F 16	5 37 25	23°51'27	3♏51	16°23	6°26	21°35	9°59	1°29	13°14	28°32	3°12	11°33	10°23	18°46	25°36	F 16
S 17	5 41 21	24°52'32	15°51	17°56	7°41	22°11	9°51	1°27	13°13	28°31	3°14	11°28	10°20	18°53	25°39	S 17
S 18	5 45 18	25°53'38	28°3	19°30	8°56	22°46	9°44	1°25	13°13	28°30	3°16	11°20	10°17	19°0	25°41	S 18
M 19	5 49 14	26°54'44	10♏29	21°3	10°11	23°21	9°36	1°23	13°13	28°30	3°18	11°10	10°14	19°6	25°44	M 19
T 20	5 53 11	27°55'50	23°10	22°37	11°27	23°56	9°29	1°22	13°13	28°29	3°20	10°57	10°10	19°13	25°46	T 20
W 21	5 57 8	28°56'57	6♏7	24°11	12°42	24°31	9°21	1°20	13°12	28°29	3°22	10°44	10°7	19°20	25°49	W 21
T 22	6 1 4	29°58'05	19°18	25°46	13°57	25°6	9°14	1°19	13°12	28°28	3°25	10°31	10°4	19°26	25°52	T 22
F 23	6 5 1	0♏59'12	2♏41	27°20	15°12	25°41	9°7	1°18	13°D12	28°27	3°27	10°19	10°1	19°33	25°54	F 23
S 24	6 8 57	2°0'20	16°14	28°55	16°28	26°16	9°0	1°16	13°12	28°27	3°29	10°10	9°58	19°40	25°57	S 24
S 25	6 12 54	3°1'29	29°56	0♏30	17°43	26°50	8°53	1°15	13°13	28°26	3°31	10°4	9°54	19°46	26°0	S 25
M 26	6 16 50	4°2'38	13♏45	2°5	18°58	27°25	8°47	1°14	13°13	28°25	3°33	10°0	9°51	19°53	26°3	M 26
T 27	6 20 47	5°3'47	27°41	3°41	20°13	28°0	8°40	1°14	13°13	28°24	3°35	9°59	9°48	20°0	26°6	T 27
W 28	6 24 43	6°4'57	11♏43	5°17	21°29	28°34	8°33	1°13	13°13	28°23	3°37	9°59	9°45	20°6	26°9	W 28
T 29	6 28 40	7°6'07	25°51	6°53	22°44	29°9	8°27	1°12	13°13	28°22	3°40	9°59	9°42	20°13	26°12	T 29
F 30	6 32 37	8°7'18	10♏3	8°30	23°59	29°43	8°21	1°12	13°14	28°21	3°42	9°57	9°39	20°20	26°15	F 30
S 31	6 36 33	9♏8'29	24♏19	10♏7	25♏14	0♏18	8♏15	1♏11	13♏14	28♏20	3♏44	9♏52	9♏35	20♏26	26♏18	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	lat
T 1	21s46	6s20	0s15	17s31	1n10	23s17	0s23	3s45	1n23	21n32	0s44	9n45	2s39	4n41	0s40	12n29	0n33	19s22	4n 5	5n 2	4n26	7n13	7s34	5n56		
F 2	21 55	12 57	1 32	18 0	1 3	23 26	0 26	3 59	1 23	21 31	0 44	9 44	2 39	4 41	0 40	12 30	0 33	19 22	4 4	5 2	4 24	7 17	7 34	5 56		
S 3	22 4	18 53	2 43	18 28	0 56	23 34	0 28	4 12	1 23	21 30	0 44	9 43	2 39	4 40	0 40	12 30	0 33	19 22	4 4	5 0	4 23	7 20	7 34	5 56		
S 4	22 13	23 42	3 43	18 56	0 49	23 42	0 30	4 26	1 23	21 29	0 44	9 42	2 39	4 40	0 40	12 30	0 33	19 23	4 4	4 58	4 22	7 23	7 34	5 55		
M 5	22 21	26 57	4 28	19 23	0 41	23 48	0 33	4 40	1 23	21 28	0 44	9 41	2 38	4 40	0 40	12 30	0 33	19 23	4 4	4 55	4 21	7 27	7 34	5 55		
T 6	22 28	28 23	4 55	19 49	0 34	23 55	0 35	4 54	1 23	21 27	0 43	9 40	2 38	4 39	0 40	12 30	0 33	19 23	4 4	4 51	4 19	7 30	7 33	5 54		
W 7	22 36	27 56	5 4	20 15	0 27	24 0	0 37	5 7	1 23	21 26	0 43	9 40	2 38	4 39	0 40	12 30	0 33	19 23	4 4	4 46	4 18	7 34	7 33	5 54		
T 8	22 42	25 47	4 55	20 40	0 20	24 5	0 39	5 21	1 23	21 25	0 43	9 39	2 38	4 39	0 40	12 30	0 33	19 23	4 4	4 43	4 17	7 37	7 33	5 54		
F 9	22 49	22 18	4 30	21 3	0 12	24 9	0 42	5 35	1 23	21 24	0 43	9 38	2 37	4 38	0 40	12 30	0 33	19 23	4 3	4 39	4 16	7 40	7 32	5 53		
S 10	22 54	17 51	3 52	21 26	0 5	24 12	0 44	5 48	1 23	21 23	0 43	9 37	2 37	4 38	0 40	12 30	0 33	19 23	4 3	4 37	4 15	7 44	7 32	5 53		
S 11	23 0	12 46	3 5	21 48	0s 2	24 14	0 46	6 2	1 23	21 22	0 43	9 37	2 37	4 38	0 40	12 30	0 33	19 23	4 3	4 36	4 13	7 47	7 32	5 53		
M 12	23 5	7 19	2 10	22 9	0 9	24 16	0 48	6 15	1 23	21 21	0 42	9 36	2 37	4 38	0 40	12 30	0 33	19 23	4 3	4 35	4 12	7 50	7 31	5 52		
T 13	23 9	1 42	1 10	22 29	0 15	24 17	0 50	6 28	1 23	21 20	0 42	9 36	2 36	4 38	0 40	12 31	0 33	19 23	4 3	4 36	4 11	7 54	7 31	5 52		
W 14	23 13	3n56	0 7	22 47	0 22	24 17	0 52	6 42	1 23	21 19	0 42	9 35	2 36	4 38	0 40	12 31	0 33	19 23	4 3	4 36	4 10	7 57	7 31	5 51		
T 15	23 17	9 26	0n55	23 5	0 29	24 17	0 54	6 55	1 23	21 18	0 42	9 35	2 36	4 37	0 40	12 31	0 33	19 24	4 3	4 35	4 8	8 0	7 30	5 51		
F 16	23 20	14 38	1 55	23 21	0 35	24 15	0 56	7 8	1 23	21 17	0 42	9 34	2 36	4 37	0 40	12 31	0 33	19 24	4 3	4 35	4 7	8 4	7 30	5 51		
S 17	23 22	19 20	2 51	23 37	0 42	24 13	0 58	7 21	1 23	21 16	0 42	9 34	2 35	4 37	0 40	12 31	0 33	19 24	4 2	4 33	4 6	8 7	7 29	5 50		
S 18	23 25	23 19	3 40	23 51	0 48	24 10	1 0	7 34	1 23	21 15	0 41	9 33	2 35	4 37	0 39	12 32	0 33	19 24	4 2	4 30	4 5	8 10	7 29	5 50		
M 19	23 26	26 19	4 19	24 4	0 54	24 7	1 2	7 47	1 23	21 14	0 41	9 33	2 35	4 37	0 39	12 32	0 33	19 24	4 2	4 25	4 3	8 14	7 28	5 50		
T 20	23 27	28 4	4 46	24 16	1 0	24 2	1 4	8 0	1 23	21 14	0 41	9 33	2 34	4 37	0 39	12 32	0 33	19 24	4 2	4 21	4 2	8 17	7 28	5 49		
W 21	23 28	28 19	4 59	24 26	1 5	23 57	1 6	8 13	1 23	21 13	0 41	9 33	2 34	4 37	0 39	12 32	0 33	19 24	4 2	4 15	4 1	8 20	7 27	5 49		
T 22	23 28	26 59	4 57	24 35	1 11	23 52	1 8	8 26	1 23	21 12	0 41	9 32	2 34	4 37	0 39	12 33	0 33	19 24	4 2	4 10	4 0	8 24	7 27	5 49		
F 23	23 28	24 6	4 38	24 43	1 16	23 45	1 9	8 39	1 23	21 11	0 41	9 32	2 34	4 37	0 39	12 33	0 33	19 24	4 2	4 5	3 58	8 27	7 26	5 48		
S 24	23 27	19 52	4 4	24 49	1 21	23 38	1 11	8 51	1 23	21 10	0 40	9 32	2 33	4 37	0 39	12 33	0 33	19 24	4 2	4 2	3 57	8 30	7 25	5 48		
S 25	23 26	14 33	3 15	24 55	1 26	23 30	1 13	9 4	1 23	21 9	0 40	9 32	2 33	4 37	0 39	12 33	0 33	19 24	4 2	3 59	3 56	8 34	7 25	5 48		
M 26	23 25	8 27	2 14	24 58	1 31	23 21	1 14	9 17	1 23	21 8	0 40	9 32	2 33	4 37	0 39	12 34	0 33	19 24	4 1	3 58	3 55	8 37	7 24	5 47		
T 27	23 23	1 55	1 5	25 1	1 35	23 12	1 16	9 29	1 23	21 7	0 40	9 32	2 33	4 37	0 39	12 34	0 33	19 24	4 1	3 58	3 53	8 40	7 23	5 47		
W 28	23 20	4s47	0s 9	25 2	1 40	23 2	1 17	9 41	1 23	21 7	0 40	9 32	2 32	4 38	0 39	12 34	0 33	19 24	4 1	3 58	3 52	8 44	7 23	5 47		
T 29	23 17	11 17	1 23	25 1	1 44	22 51	1 19	9 54	1 23	21 6	0 39	9 32	2 32	4 38	0 39	12 35	0 33	19 24	4 1	3 58	3 51	8 47	7 22	5 46		
F 30	23 13	17 15	2 32	24 59	1 47	22 39	1 20	10 6	1 23	21 5	0 39	9 32	2 32	4 38	0 39	12 35	0 33	19 24	4 1	3 57	3 50	8 50	7 21	5 46		
S 31	23s 9	22s17	3s31	24s56	1s51	22s27	1s21	10s18	1n23	21n 4	0s39	9n32	2s31	4n38	0s39	12n35	0n33	19s24	4n 1	3n55	3n48	8n54	7s21	5n46		