



Astrodienst Ephemeris Tables for the year 1754

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPH

ASTRODIENST EPHEMERIS for the year 1754

geocentric

JANUARY 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 10	10°36'27	1°51	26°R24	18°53	18°11	16°R44	8°347	4°28	5°R48	12°26	23°R18	22°56	3°51	23°10	T 1
W 2	6 46 7	11°37'37	13°50	25°51	20° 9	18°19	16°R38	8°54	4°30	5°R46	12°29	23°D18	22°53	3°58	23°16	W 2
T 3	6 50 3	12°38'47	26° 2	25°27	21°24	18°28	16°33	9° 1	4°32	5°45	12°31	23°R18	22°49	4° 5	23°23	T 3
F 4	6 54 0	13°39'56	8°33	25°14	22°39	18°38	16°27	9° 8	4°35	5°43	12°33	23°D17	22°46	4°11	23°29	F 4
S 5	6 57 56	14°41'05	21°27	25°D10	23°54	18°48	16°21	9°15	4°37	5°42	12°35	23°14	22°43	4°18	23°36	S 5
S 6	7 1 53	15°42'13	4°49	25°14	25° 9	18°59	16°16	9°22	4°40	5°40	12°37	23° 9	22°40	4°25	23°42	S 6
M 7	7 5 49	16°43'21	18°39	25°27	26°24	19°10	16° 9	9°29	4°42	5°38	12°39	23° 1	22°37	4°32	23°48	M 7
T 8	7 9 46	17°44'29	2°55	25°48	27°39	19°22	16° 3	9°36	4°45	5°37	12°41	22°50	22°33	4°38	23°55	T 8
W 9	7 13 43	18°45'36	17°34	26°15	28°54	19°35	15°57	9°43	4°48	5°35	12°43	22°38	22°30	4°45	24° 1	W 9
T 10	7 17 39	19°46'43	2°27	26°48	0° 9	19°48	15°51	9°50	4°50	5°34	12°45	22°26	22°27	4°52	24° 8	T 10
F 11	7 21 36	20°47'49	17°26	27°26	1°24	20° 2	15°44	9°57	4°53	5°32	12°47	22°15	22°24	4°58	24°14	F 11
S 12	7 25 32	21°48'55	2°20	28°10	2°39	20°16	15°37	10° 4	4°56	5°30	12°49	22° 7	22°21	5° 5	24°20	S 12
S 13	7 29 29	22°50'01	17° 2	28°58	3°55	20°31	15°31	10°11	4°58	5°29	12°50	22° 1	22°18	5°12	24°26	S 13
M14	7 33 25	23°51'06	1°27	29°50	5°10	20°46	15°24	10°18	5° 1	5°27	12°52	21°58	22°14	5°18	24°32	M14
T 15	7 37 22	24°52'11	15°33	0°346	6°25	21° 2	15°17	10°25	5° 4	5°26	12°54	21°57	22°11	5°25	24°39	T 15
W16	7 41 18	25°53'16	29°18	1°45	7°40	21°18	15° 9	10°32	5° 7	5°24	12°56	21°57	22° 8	5°32	24°45	W16
T 17	7 45 15	26°54'20	12°44	2°47	8°55	21°35	15° 2	10°39	5°10	5°22	12°58	21°57	22° 5	5°38	24°51	T 17
F 18	7 49 12	27°55'25	25°55	3°52	10°10	21°52	14°55	10°46	5°12	5°21	13° 0	21°54	22° 2	5°45	24°57	F 18
S 19	7 53 8	28°56'28	8°51	4°59	11°25	22° 9	14°48	10°53	5°15	5°19	13° 1	21°49	21°59	5°52	25° 3	S 19
S 20	7 57 5	29°57'32	21°34	6° 8	12°41	22°28	14°40	11° 0	5°18	5°17	13° 3	21°41	21°55	5°58	25° 9	S 20
M21	8 1 1	0°58'34	4° 8	7°20	13°56	22°46	14°33	11° 6	5°21	5°15	13° 5	21°30	21°52	6° 5	25°15	M21
T 22	8 4 58	1°59'36	16°31	8°33	15°11	23° 5	14°25	11°13	5°24	5°14	13° 6	21°16	21°49	6°12	25°21	T 22
W23	8 8 54	3° 0'37	28°46	9°47	16°26	23°24	14°17	11°20	5°27	5°12	13° 8	21° 2	21°46	6°19	25°26	W23
T 24	8 12 51	4° 1'38	10°52	11° 4	17°41	23°44	14°10	11°27	5°30	5°10	13°10	20°47	21°43	6°25	25°32	T 24
F 25	8 16 47	5° 2'37	22°51	12°21	18°56	24° 4	14° 2	11°33	5°33	5° 9	13°11	20°34	21°39	6°32	25°38	F 25
S 26	8 20 44	6° 3'35	4°44	13°41	20°11	24°25	13°54	11°40	5°36	5° 7	13°13	20°24	21°36	6°39	25°43	S 26
S 27	8 24 41	7° 4'32	16°32	15° 1	21°27	24°46	13°46	11°47	5°40	5° 5	13°15	20°16	21°33	6°45	25°49	S 27
M28	8 28 37	8° 5'28	28°19	16°22	22°42	25° 7	13°38	11°53	5°43	5° 4	13°16	20°11	21°30	6°52	25°55	M28
T 29	8 32 34	9° 6'23	10°59	17°45	23°57	25°29	13°30	12° 0	5°46	5° 2	13°18	20° 9	21°27	6°59	26° 0	T 29
W30	8 36 30	10° 7'16	22° 6	19° 9	25°12	25°50	13°22	12° 7	5°49	5° 0	13°19	20°D 8	21°24	7° 5	26° 6	W30
T 31	8 40 27	11°8'08	4°15	20°33	26°27	26°13	13°14	12°13	5°52	4°59	13°21	20°D 8	21°24	7°12	26°11	T 31

Delta T = 17.16 sec

Greg. Calendar

FEBRUARY 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 23	12°8'59	16°41	21°59	27°342	26°35	13°R 6	12°20	5°55	4°R57	13°22	20°R 9	21°17	7°19	26°16	F 1
S 2	8 48 20	13° 9'48	29°30	23°26	28°57	26°58	12°R58	12°26	5°59	4°R55	13°23	20°D 7	21°14	7°25	26°22	S 2
S 3	8 52 16	14°10'35	12°46	24°53	0°12	27°22	12°50	12°32	6° 2	4°54	13°25	20° 4	21°11	7°32	26°27	S 3
M 4	8 56 13	15°11'21	26°32	26°21	1°27	27°45	12°42	12°39	6° 5	4°52	13°26	19°58	21° 8	7°39	26°32	M 4
T 5	9 0 10	16°12'06	10°48	27°51	2°42	28° 9	12°34	12°45	6° 8	4°50	13°27	19°50	21° 5	7°45	26°37	T 5
W 6	9 4 6	17°12'49	25°31	29°21	3°57	28°33	12°26	12°51	6°12	4°49	13°29	19°40	21° 1	7°52	26°42	W 6
T 7	9 8 3	18°13'31	10°35	0°52	5°13	28°58	12°19	12°58	6°15	4°47	13°30	19°30	20°58	7°59	26°47	T 7
F 8	9 11 59	19°14'11	25°49	2°24	6°28	29°22	12°11	13° 4	6°18	4°45	13°31	19°21	20°55	8° 5	26°52	F 8
S 9	9 15 56	20°14'50	11°3	3°57	7°43	29°47	12° 3	13°10	6°22	4°44	13°32	19°14	20°52	8°12	26°57	S 9
S 10	9 19 52	21°15'27	26° 7	5°30	8°58	0°13	11°55	13°16	6°25	4°42	13°34	19° 9	20°49	8°19	27° 2	S 10
M11	9 23 49	22°16'04	10°52	7° 5	10°13	0°38	11°47	13°22	6°28	4°41	13°35	19° 7	20°45	8°26	27° 7	M11
T 12	9 27 45	23°16'39	25°14	8°40	11°28	1° 4	11°40	13°28	6°32	4°39	13°36	19°D 7	20°42	8°32	27°11	T 12
W13	9 31 42	24°17'13	9°10	10°16	12°43	1°30	11°32	13°34	6°35	4°37	13°37	19° 8	20°39	8°39	27°16	W13
T 14	9 35 39	25°17'45	22°41	11°53	13°58	1°56	11°24	13°40	6°39	4°36	13°38	19°R 9	20°36	8°46	27°20	T 14
F 15	9 39 35	26°18'17	5°50	13°31	15°13	2°22	11°17	13°46	6°42	4°34	13°39	19° 8	20°33	8°52	27°25	F 15
S 16	9 43 32	27°18'47	18°40	15°10	16°28	2°49	11° 9	13°52	6°45	4°33	13°40	19° 6	20°30	8°59	27°29	S 16
S 17	9 47 28	28°19'16	1°34	16°50	17°43	3°16	11° 2	13°57	6°49	4°31	13°41	19° 1	20°26	9° 6	27°34	S 17
M18	9 51 25	29°19'43	13°34	18°31	18°58	3°43	10°55	14° 3	6°52	4°30	13°42	18°54	20°23	9°12	27°38	M18
T 19	9 55 21	0°20'09	25°45	20°13	20°13	4°10	10°48	14° 9	6°56	4°28	13°43	18°46	20°20	9°19	27°42	T 19
W20	9 59 18	1°20'34	7°48	21°55	21°28	4°38	10°41	14°14	6°59	4°27	13°44	18°36	20°17	9°26	27°46	W20
T 21	10 3 14	2°20'57	19°45	23°39	22°43	5° 6	10°34	14°20	7° 2	4°25	13°44	18°27	20°14	9°32	27°50	T 21
F 22	10 7 11	3°21'18	1°37	25°24	23°58	5°33	10°27	14°25	7° 6	4°24	13°45	18°18	20°10	9°39	27°54	F 22
S 23	10 11 8	4°21'37	13°26	27° 9	25°13	6° 2	10°20	14°31	7° 9	4°22	13°46	18°11	20° 7	9°46	27°58	S 23
S 24	10 15 4	5°21'55	25°15	28°56	26°28	6°30	10°13	14°36	7°13	4°21	13°47	18° 7	20° 4	9°52	28° 2	S 24
M25	10 19 1	6°22'10	7°4	0°44	27°43	6°58	10° 7	14°41	7°16	4°20	13°47	18° 4	20° 1	9°59	28° 6	M25
T 26	10 22 57	7°22'24	18°57	2°32	28°58	7°27	10° 0	14°46	7°20	4°18	13°48	18°D 3	19°58	10° 6	28° 9	T 26
W27	10 26 54	8°22'36	0°58	4°22	0°13	7°56	9°54	14°51	7°23	4°17	13°49	18° 4	19°55	10°12	28°13	W27
T 28	10 30 50	9°22'46	13° 9	6°13	1°27	8°125	9°48	14°57	7°27	4°15	13°49	18°D 5	19°51	10°19	28°16	T 28

Delta T = 17.19 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

MARCH 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 34 47	10 ^h 22'54"	25 ^h 35'	8 ^h 4'	2 ^h 42'	8 ^h 54'	9 ^h 42'	15 ^h 2'	7 ^h 30'	4 ^h 14'	13 ^h 50'	18 ^h 7'	19 ^h 48'	10 ^h 26'	28 ^h 20'	F 1
S 2	10 38 43	11 ^h 23'00"	8 ^h 21'	9 ^h 57'	3 ^h 57'	9 ^h 23'	9 ^h 36'	15 ^h 7'	7 ^h 33'	4 ^h 13'	13 ^h 50'	18 ^h 8'	19 ^h 45'	10 ^h 32'	28 ^h 23'	S 2
S 3	10 42 40	12 ^h 23'03"	21 ^h 30'	11 ^h 51'	5 ^h 12'	9 ^h 53'	9 ^h 30'	15 ^h 11'	7 ^h 37'	4 ^h 12'	13 ^h 51'	18 ^h 8'	19 ^h 42'	10 ^h 39'	28 ^h 26'	S 3
M 4	10 46 36	13 ^h 23'05"	5 ^h 26'	13 ^h 46'	6 ^h 27'	10 ^h 22'	9 ^h 25'	15 ^h 16'	7 ^h 40'	4 ^h 10'	13 ^h 51'	18 ^h 6'	19 ^h 39'	10 ^h 46'	28 ^h 29'	M 4
T 5	10 50 33	14 ^h 23'04"	19 ^h 11'	15 ^h 41'	7 ^h 42'	10 ^h 52'	9 ^h 19'	15 ^h 21'	7 ^h 44'	4 ^h 9'	13 ^h 52'	18 ^h 2'	19 ^h 36'	10 ^h 52'	28 ^h 33'	T 5
W 6	10 54 30	15 ^h 23'01"	3 ^h 24'	17 ^h 37'	8 ^h 57'	11 ^h 22'	9 ^h 14'	15 ^h 26'	7 ^h 47'	4 ^h 8'	13 ^h 52'	17 ^h 58'	19 ^h 32'	10 ^h 59'	28 ^h 36'	W 6
T 7	10 58 26	16 ^h 22'56"	18 ^h 38'	19 ^h 34'	10 ^h 11'	11 ^h 52'	9 ^h 9'	15 ^h 30'	7 ^h 51'	4 ^h 7'	13 ^h 52'	17 ^h 53'	19 ^h 29'	11 ^h 6'	28 ^h 38'	T 7
F 8	11 2 23	17 ^h 22'49"	3 ^h 48'	21 ^h 32'	11 ^h 26'	12 ^h 22'	9 ^h 4'	15 ^h 35'	7 ^h 54'	4 ^h 6'	13 ^h 53'	17 ^h 49'	19 ^h 26'	11 ^h 12'	28 ^h 41'	F 8
S 9	11 6 19	18 ^h 22'39"	19 ^h 5'	23 ^h 30'	12 ^h 41'	12 ^h 53'	8 ^h 59'	15 ^h 39'	7 ^h 57'	4 ^h 5'	13 ^h 53'	17 ^h 46'	19 ^h 23'	11 ^h 19'	28 ^h 44'	S 9
S 10	11 10 16	19 ^h 22'28"	4 ^h 17'	25 ^h 29'	13 ^h 56'	13 ^h 23'	8 ^h 55'	15 ^h 44'	8 ^h 1'	4 ^h 3'	13 ^h 53'	17 ^h 44'	19 ^h 20'	11 ^h 26'	28 ^h 47'	S 10
M 11	11 14 12	20 ^h 22'15"	19 ^h 15'	27 ^h 27'	15 ^h 10'	13 ^h 54'	8 ^h 50'	15 ^h 48'	8 ^h 4'	4 ^h 2'	13 ^h 53'	17 ^h 43'	19 ^h 16'	11 ^h 32'	28 ^h 49'	M 11
T 12	11 18 9	21 ^h 22'00"	3 ^h 51'	29 ^h 26'	16 ^h 25'	14 ^h 24'	8 ^h 46'	15 ^h 52'	8 ^h 8'	4 ^h 1'	13 ^h 54'	17 ^h 44'	19 ^h 13'	11 ^h 39'	28 ^h 52'	T 12
W 13	11 22 5	22 ^h 21'43"	18 ^h 2'	1 ^h 24'	17 ^h 40'	14 ^h 55'	8 ^h 42'	15 ^h 56'	8 ^h 11'	4 ^h 0'	13 ^h 54'	17 ^h 45'	19 ^h 10'	11 ^h 46'	28 ^h 54'	W 13
T 14	11 26 2	23 ^h 21'24"	1 ^h 45'	3 ^h 21'	18 ^h 55'	15 ^h 26'	8 ^h 38'	16 ^h 0'	8 ^h 14'	3 ^h 59'	13 ^h 54'	17 ^h 47'	19 ^h 7'	11 ^h 52'	28 ^h 57'	T 14
F 15	11 29 59	24 ^h 21'04"	15 ^h 2'	5 ^h 18'	20 ^h 9'	15 ^h 57'	8 ^h 34'	16 ^h 4'	8 ^h 18'	3 ^h 58'	13 ^h 54'	17 ^h 48'	19 ^h 4'	11 ^h 59'	28 ^h 59'	F 15
S 16	11 33 55	25 ^h 20'42"	27 ^h 55'	7 ^h 13'	21 ^h 24'	16 ^h 28'	8 ^h 30'	16 ^h 8'	8 ^h 21'	3 ^h 57'	13 ^h 54'	17 ^h 48'	19 ^h 1'	12 ^h 6'	29 ^h 1'	S 16
S 17	11 37 52	26 ^h 20'19"	10 ^h 28'	9 ^h 7'	22 ^h 39'	17 ^h 0'	8 ^h 27'	16 ^h 12'	8 ^h 24'	3 ^h 57'	13 ^h 54'	17 ^h 47'	18 ^h 57'	12 ^h 13'	29 ^h 3'	S 17
M 18	11 41 48	27 ^h 19'53"	22 ^h 45'	10 ^h 58'	23 ^h 53'	17 ^h 31'	8 ^h 24'	16 ^h 16'	8 ^h 28'	3 ^h 56'	13 ^h 54'	17 ^h 45'	18 ^h 54'	12 ^h 19'	29 ^h 5'	M 18
T 19	11 45 45	28 ^h 19'26"	4 ^h 50'	12 ^h 47'	25 ^h 8'	18 ^h 3'	8 ^h 21'	16 ^h 19'	8 ^h 31'	3 ^h 55'	13 ^h 54'	17 ^h 43'	18 ^h 51'	12 ^h 26'	29 ^h 7'	T 19
W 20	11 49 41	29 ^h 18'57"	16 ^h 46'	14 ^h 33'	26 ^h 23'	18 ^h 34'	8 ^h 18'	16 ^h 23'	8 ^h 34'	3 ^h 54'	13 ^h 54'	17 ^h 40'	18 ^h 48'	12 ^h 33'	29 ^h 9'	W 20
T 21	11 53 38	0 ^h 18'26"	28 ^h 37'	16 ^h 15'	27 ^h 37'	19 ^h 6'	8 ^h 15'	16 ^h 26'	8 ^h 37'	3 ^h 53'	13 ^h 54'	17 ^h 37'	18 ^h 45'	12 ^h 39'	29 ^h 10'	T 21
F 22	11 57 34	1 ^h 17'53"	10 ^h 26'	17 ^h 54'	28 ^h 52'	19 ^h 38'	8 ^h 12'	16 ^h 30'	8 ^h 41'	3 ^h 52'	13 ^h 53'	17 ^h 34'	18 ^h 42'	12 ^h 46'	29 ^h 12'	F 22
S 23	12 1 31	2 ^h 17'18"	22 ^h 15'	19 ^h 28'	0 ^h 17'	20 ^h 10'	8 ^h 10'	16 ^h 33'	8 ^h 44'	3 ^h 52'	13 ^h 53'	17 ^h 32'	18 ^h 38'	12 ^h 53'	29 ^h 13'	S 23
S 24	12 5 28	3 ^h 16'42"	4 ^h 17'	20 ^h 58'	1 ^h 21'	20 ^h 42'	8 ^h 8'	16 ^h 36'	8 ^h 47'	3 ^h 51'	13 ^h 53'	17 ^h 31'	18 ^h 35'	12 ^h 59'	29 ^h 15'	S 24
M 25	12 9 24	4 ^h 16'03"	16 ^h 1'	22 ^h 22'	2 ^h 36'	21 ^h 14'	8 ^h 6'	16 ^h 40'	8 ^h 50'	3 ^h 50'	13 ^h 53'	17 ^h 31'	18 ^h 32'	13 ^h 6'	29 ^h 16'	M 25
T 26	12 13 21	5 ^h 15'22"	28 ^h 3'	23 ^h 42'	3 ^h 50'	21 ^h 46'	8 ^h 4'	16 ^h 43'	8 ^h 54'	3 ^h 50'	13 ^h 52'	17 ^h 31'	18 ^h 29'	13 ^h 13'	29 ^h 17'	T 26
W 27	12 17 17	6 ^h 14'38"	10 ^h 13'	24 ^h 55'	5 ^h 5'	22 ^h 18'	8 ^h 3'	16 ^h 46'	8 ^h 57'	3 ^h 49'	13 ^h 52'	17 ^h 32'	18 ^h 26'	13 ^h 19'	29 ^h 19'	W 27
T 28	12 21 14	7 ^h 13'53"	22 ^h 34'	26 ^h 2'	6 ^h 19'	22 ^h 51'	8 ^h 1'	16 ^h 49'	9 ^h 0'	3 ^h 48'	13 ^h 52'	17 ^h 33'	18 ^h 22'	13 ^h 26'	29 ^h 20'	T 28
F 29	12 25 10	8 ^h 13'06"	5 ^h 11'	27 ^h 4'	7 ^h 34'	23 ^h 23'	8 ^h 0'	16 ^h 51'	9 ^h 3'	3 ^h 48'	13 ^h 51'	17 ^h 34'	18 ^h 19'	13 ^h 33'	29 ^h 21'	F 29
S 30	12 29 7	9 ^h 12'16"	18 ^h 0'	27 ^h 58'	8 ^h 48'	23 ^h 56'	7 ^h 59'	16 ^h 54'	9 ^h 6'	3 ^h 47'	13 ^h 51'	17 ^h 34'	18 ^h 16'	13 ^h 39'	29 ^h 22'	S 30
S 31	12 33 3	10 ^h 11'24"	1 ^h 29'	28 ^h 47'	10 ^h 17'	24 ^h 12'	7 ^h 58'	16 ^h 57'	9 ^h 11'	3 ^h 47'	13 ^h 51'	17 ^h 35'	18 ^h 13'	13 ^h 46'	29 ^h 22'	S 31

Delta T = 17.21 sec

Greg. Calendar

APRIL 1754

00:00 UT

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

ASTRODIENST EPHEMERIS for the year 1754

geocentric

MAY 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 35 17	10 ⁸ 27'56	22 ⁸ 59	20 ⁴ 41	18 ⁸ 22	11 ⁵ 53	9 ⁸ 5	17 ⁰ R31	10 ⁸ 30	3 ⁸ 48	13 ⁰ R23	17 ⁰ 23	16 ⁰ 34	17 ⁰ 13	29 ⁰ R 1	W 1
T 2	14 39 13	11 ⁰ 26'01	7 ¹¹ 17	20 ⁰ 46	19 ⁰ 36	12 ⁰ 28	9 ⁰ 10	17 ⁰ 330	10 ⁰ 33	3 ⁰ 49	13 ⁰ 21	17 ⁰ 24	16 ⁰ 31	17 ⁰ 19	28 ⁰ 59	T 2
F 3	14 43 10	12 ⁰ 24'05	21 ⁰ 46	20 ⁰ 57	20 ⁰ 50	13 ⁰ 2	9 ⁰ 15	17 ⁰ 30	10 ⁰ 35	3 ⁰ 49	13 ⁰ 20	17 ⁰ 25	16 ⁰ 28	17 ⁰ 26	28 ⁰ 57	F 3
S 4	14 47 6	13 ⁰ 22'07	6 ¹² 23	21 ⁰ 12	22 ⁰ 4	13 ⁰ 37	9 ⁰ 20	17 ⁰ 29	10 ⁰ 37	3 ⁰ 50	13 ⁰ 19	17 ⁰ 26	16 ⁰ 25	17 ⁰ 33	28 ⁰ 55	S 4
S 5	14 51 3	14 ⁰ 20'07	21 ⁰ 1	21 ⁰ 31	23 ⁰ 18	14 ⁰ 12	9 ⁰ 25	17 ⁰ 28	10 ⁰ 39	3 ⁰ 51	13 ⁰ 17	17 ⁰ R27	16 ⁰ 22	17 ⁰ 39	28 ⁰ 53	S 5
M 6	14 54 59	15 ⁰ 18'05	5 ¹¹ 36	21 ⁰ 55	24 ⁰ 31	14 ⁰ 46	9 ⁰ 31	17 ⁰ 27	10 ⁰ 40	3 ⁰ 51	13 ⁰ 16	17 ⁰ 26	16 ⁰ 18	17 ⁰ 46	28 ⁰ 51	M 6
T 7	14 58 56	16 ⁰ 16'02	20 ⁰ 2	22 ⁰ 24	25 ⁰ 45	15 ⁰ 21	9 ⁰ 36	17 ⁰ 26	10 ⁰ 42	3 ⁰ 52	13 ⁰ 15	17 ⁰ 23	16 ⁰ 15	17 ⁰ 53	28 ⁰ 48	T 7
W 8	15 2 52	17 ⁰ 13'57	4 ¹¹ 11	22 ⁰ 56	26 ⁰ 59	15 ⁰ 56	9 ⁰ 42	17 ⁰ 25	10 ⁰ 44	3 ⁰ 53	13 ⁰ 13	17 ⁰ 20	16 ⁰ 12	17 ⁰ 59	28 ⁰ 46	W 8
T 9	15 6 49	18 ⁰ 11'51	18 ⁰ 1	23 ⁰ 32	28 ⁰ 13	16 ⁰ 31	9 ⁰ 48	17 ⁰ 24	10 ⁰ 46	3 ⁰ 54	13 ⁰ 12	17 ⁰ 15	16 ⁰ 9	18 ⁰ 6	28 ⁰ 43	T 9
F 10	15 10 46	19 ⁰ 9'43	1 ¹² 27	24 ⁰ 12	29 ⁰ 27	17 ⁰ 6	9 ⁰ 54	17 ⁰ 23	10 ⁰ 48	3 ⁰ 54	13 ⁰ 10	17 ⁰ 10	16 ⁰ 6	18 ⁰ 13	28 ⁰ 41	F 10
S 11	15 14 42	20 ⁰ 7'34	14 ⁰ 30	24 ⁰ 56	0 ¹¹ 40	17 ⁰ 41	10 ⁰ 1	17 ⁰ 22	10 ⁰ 49	3 ⁰ 55	13 ⁰ 9	17 ⁰ 6	16 ⁰ 3	18 ⁰ 19	28 ⁰ 38	S 11
S 12	15 18 39	21 ⁰ 5'24	27 ⁰ 11	25 ⁰ 44	1 ⁰ 54	18 ⁰ 16	10 ⁰ 7	17 ⁰ 20	10 ⁰ 51	3 ⁰ 56	13 ⁰ 8	17 ⁰ 2	15 ⁰ 59	18 ⁰ 26	28 ⁰ 35	S 12
M 13	15 22 35	22 ⁰ 3'12	9 ¹² 33	26 ⁰ 35	3 ⁰ 8	18 ⁰ 51	10 ⁰ 14	17 ⁰ 19	10 ⁰ 53	3 ⁰ 57	13 ⁰ 6	17 ⁰ 0	15 ⁰ 56	18 ⁰ 32	28 ⁰ 32	M 13
T 14	15 26 32	23 ⁰ 0'59	21 ⁰ 39	27 ⁰ 29	4 ⁰ 21	19 ⁰ 26	10 ⁰ 20	17 ⁰ 17	10 ⁰ 54	3 ⁰ 58	13 ⁰ 5	16 ⁰ D59	15 ⁰ 53	18 ⁰ 39	28 ⁰ 29	T 14
W 15	15 30 28	23 ⁰ 58'46	3 ¹³ 34	28 ⁰ 27	5 ⁰ 35	20 ⁰ 1	10 ⁰ 27	17 ⁰ 15	10 ⁰ 56	3 ⁰ 59	13 ⁰ 3	16 ⁰ 59	15 ⁰ 50	18 ⁰ 46	28 ⁰ 26	W 15
T 16	15 34 25	24 ⁰ 56'30	15 ⁰ 24	29 ⁰ 28	6 ⁰ 49	20 ⁰ 36	10 ⁰ 34	17 ⁰ 14	10 ⁰ 57	4 ⁰ 0	13 ⁰ 2	17 ⁰ 1	15 ⁰ 47	18 ⁰ 52	28 ⁰ 23	T 16
F 17	15 38 21	25 ⁰ 54'14	27 ⁰ 13	0 ⁸ 31	8 ⁰ 2	21 ⁰ 11	10 ⁰ 41	17 ⁰ 12	10 ⁰ 59	4 ⁰ 1	13 ⁰ 0	17 ⁰ 2	15 ⁰ 44	18 ⁰ 59	28 ⁰ 20	F 17
S 18	15 42 18	26 ⁰ 51'57	9 ¹⁴ 6	1 ⁰ 38	9 ⁰ 16	21 ⁰ 47	10 ⁰ 48	17 ⁰ 10	11 ⁰ 0	4 ⁰ 2	12 ⁰ 59	17 ⁰ 4	15 ⁰ 40	19 ⁰ 6	28 ⁰ 17	S 18
S 19	15 46 14	27 ⁰ 49'39	21 ⁰ 7	2 ⁰ 48	10 ⁰ 30	22 ⁰ 22	10 ⁰ 56	17 ⁰ 8	11 ⁰ 1	4 ⁰ 3	12 ⁰ 57	17 ⁰ R 4	15 ⁰ 37	19 ⁰ 12	28 ⁰ 14	S 19
M 20	15 50 11	28 ⁰ 47'19	3 ¹⁵ 21	4 ⁰ 0	11 ⁰ 43	22 ⁰ 57	11 ⁰ 3	17 ⁰ 6	11 ⁰ 3	4 ⁰ 4	12 ⁰ 56	17 ⁰ 2	15 ⁰ 34	19 ⁰ 19	28 ⁰ 11	M 20
T 21	15 54 8	29 ⁰ 44'58	15 ⁰ 48	5 ⁰ 15	12 ⁰ 57	23 ⁰ 32	11 ⁰ 11	17 ⁰ 4	11 ⁰ 4	4 ⁰ 6	12 ⁰ 54	16 ⁰ 59	15 ⁰ 31	19 ⁰ 26	28 ⁰ 8	T 21
W 22	15 58 4	0 ¹¹ 42'37	28 ⁰ 31	6 ⁰ 33	14 ⁰ 11	24 ⁰ 8	11 ⁰ 18	17 ⁰ 1	11 ⁰ 5	4 ⁰ 7	12 ⁰ 52	16 ⁰ 54	15 ⁰ 28	19 ⁰ 32	28 ⁰ 4	W 22
T 23	16 2 1	1 ⁰ 40'14	11 ¹¹ 31	7 ⁰ 53	15 ⁰ 24	24 ⁰ 43	11 ⁰ 26	16 ⁰ 59	11 ⁰ 6	4 ⁰ 8	12 ⁰ 51	16 ⁰ 47	15 ⁰ 24	19 ⁰ 39	28 ⁰ 1	T 23
F 24	16 5 57	2 ⁰ 37'50	24 ⁰ 46	9 ⁰ 17	16 ⁰ 38	25 ⁰ 19	11 ⁰ 34	16 ⁰ 56	11 ⁰ 8	4 ⁰ 9	12 ⁰ 49	16 ⁰ 40	15 ⁰ 21	19 ⁰ 46	27 ⁰ 57	F 24
S 25	16 9 54	3 ⁰ 35'24	8 ¹² 15	10 ⁰ 42	17 ⁰ 51	25 ⁰ 54	11 ⁰ 42	16 ⁰ 54	11 ⁰ 9	4 ⁰ 10	12 ⁰ 48	16 ⁰ 32	15 ⁰ 18	19 ⁰ 52	27 ⁰ 54	S 25
S 26	16 13 50	4 ⁰ 32'58	21 ⁰ 56	12 ⁰ 10	19 ⁰ 5	26 ⁰ 30	11 ⁰ 51	16 ⁰ 51	11 ⁰ 10	4 ⁰ 12	12 ⁰ 46	16 ⁰ 25	15 ⁰ 15	19 ⁰ 59	27 ⁰ 50	S 26
M 27	16 17 47	5 ⁰ 30'30	5 ¹³ 47	13 ⁰ 41	20 ⁰ 18	27 ⁰ 5	11 ⁰ 59	16 ⁰ 49	11 ⁰ 11	4 ⁰ 13	12 ⁰ 45	16 ⁰ 20	15 ⁰ 12	20 ⁰ 6	27 ⁰ 47	M 27
T 28	16 21 44	6 ⁰ 28'00	19 ⁰ 45	15 ⁰ 14	21 ⁰ 32	27 ⁰ 41	12 ⁰ 7	16 ⁰ 46	11 ⁰ 12	4 ⁰ 14	12 ⁰ 43	16 ⁰ 17	15 ⁰ 9	20 ⁰ 12	27 ⁰ 43	T 28
W 29	16 25 40	7 ⁰ 25'29	3 ¹⁴ 50	16 ⁰ 50	22 ⁰ 45	28 ⁰ 16	12 ⁰ 16	16 ⁰ 43	11 ⁰ 12	4 ⁰ 16	12 ⁰ 41	16 ⁰ D15	15 ⁰ 5	20 ⁰ 19	27 ⁰ 40	W 29
T 30	16 29 37	8 ⁰ 22'57	17 ⁰ 59	18 ⁰ 28	23 ⁰ 59	28 ⁰ 52	12 ⁰ 25	16 ⁰ 40	11 ⁰ 13	4 ⁰ 17	12 ⁰ 40	16 ⁰ 16	15 ⁰ 2	20 ⁰ 26	27 ⁰ 36	T 30
F 31	16 33 33	9 ⁰ 20'24	2 ¹⁵ 11	20 ⁰ 8	25 ⁰ 12	29 ⁰ 28	12 ⁰ 33	16 ⁰ 37	11 ⁰ 14	4 ⁰ 19	12 ⁰ 38	16 ⁰ 17	14 ⁰ 59	20 ⁰ 32	27 ⁰ 32	F 31

Delta T = 17.26 sec

Greg. Calendar

JUNE 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 30	10 ¹¹ 17'49	16 ⁰ 25	21 ⁰ 52	26 ⁰ 25	0 ⁸ 3	12 ⁰ 42	16 ⁰ R34	11 ⁰ 15	4 ⁰ 20	12 ⁰ R36	16 ⁰ R17	14 ⁰ 56	20 ⁰ 39	27 ⁰ R28	S 1
S 2	16 41 26	11 ⁰ 15'13	0 ¹¹ 38	23 ⁰ 38	27 ⁰ 39	0 ⁰ 39	12 ⁰ 51	16 ⁰ 31	11 ⁰ 15	4 ⁰ 21	12 ⁰ 35	16 ⁰ 16	14 ⁰ 53	20 ⁰ 46	27 ⁰ 25	S 2
M 3	16 45 23	12 ⁰ 12'36	14 ⁰ 47	25 ⁰ 26	28 ⁰ 52	1 ⁰ 15	13 ⁰ 0	16 ⁰ 28	11 ⁰ 16	4 ⁰ 23	12 ⁰ 33	16 ⁰ 13	14 ⁰ 50	20 ⁰ 52	27 ⁰ 21	M 3
T 4	16 49 19	13 ⁰ 9'58	28 ⁰ 49	27 ⁰ 17	0 ⁰ 56	1 ⁰ 51	13 ⁰ 10	16 ⁰ 24	11 ⁰ 17	4 ⁰ 24	12 ⁰ 32	16 ⁰ 8	14 ⁰ 46	20 ⁰ 59	27 ⁰ 17	T 4
W 5	16 53 16	14 ⁰ 7'20	12 ⁰ 40	29 ⁰ 10	1 ⁰ 19	2 ⁰ 27	13 ⁰ 19	16 ⁰ 21	11 ⁰ 17	4 ⁰ 26	12 ⁰ 30	16 ⁰ 0	14 ⁰ 43	21 ⁰ 6	27 ⁰ 13	W 5
T 6	16 57 13	15 ⁰ 4'40	26 ⁰ 15	1 ¹¹ 5	2 ⁰ 32	3 ⁰ 2	13 ⁰ 28	16 ⁰ 18	11 ⁰ 18	4 ⁰ 28	12 ⁰ 28	15 ⁰ 51	14 ⁰ 40	21 ⁰ 12	27 ⁰ 9	T 6
F 7	17 1 9	16 ⁰ 2'00	9 ¹³ 32	3 ⁰ 2	3 ⁰ 46	3 ⁰ 38	13 ⁰ 38	16 ⁰ 14	11 ⁰ 18	4 ⁰ 29	12 ⁰ 27	15 ⁰ 41	14 ⁰ 37	21 ⁰ 19	27 ⁰ 5	F 7
S 8	17 5 6	16 ⁰ 59'19	22 ⁰ 30	5 ⁰ 2	4 ⁰ 59	4 ⁰ 14	13 ⁰ 47	16 ⁰ 11	11 ⁰ 19	4 ⁰ 31	12 ⁰ 25	15 ⁰ 31	14 ⁰ 34	21 ⁰ 26	27 ⁰ 1	S 8
S 9	17 9 2	17 ⁰ 56'37	5 ¹⁴ 8	7 ⁰ 4	6 ⁰ 12	4 ⁰ 50	13 ⁰ 57	16 ⁰ 7	11 ⁰ 19	4 ⁰ 32	12 ⁰ 24	15 ⁰ 23	14 ⁰ 30	21 ⁰ 32	26 ⁰ 58	S 9
M10	17 12 59	18 ⁰ 53'55	17 ⁰ 29	9 ⁰ 8	7 ⁰ 25	5 ⁰ 26	14 ⁰ 7	16 ⁰ 4	11 ⁰ 19	4 ⁰ 34	12 ⁰ 22	15 ⁰ 16	14 ⁰ 27	21 ⁰ 39	26 ⁰ 54	M10
T 11	17 16 55	19 ⁰ 51'13	29 ⁰ 35	11 ⁰ 13	8 ⁰ 39	6 ⁰ 2	14 ⁰ 17	16 ⁰ 0	11 ⁰ 20	4 ⁰ 36	12 ⁰ 20	15 ⁰ 12	14 ⁰ 24	21 ⁰ 46	26 ⁰ 50	T 11
W12	17 20 52	20 ⁰ 48'30	11 ¹¹ 30	13 ⁰ 20	9 ⁰ 52	6 ⁰ 38	14 ⁰ 27	15 ⁰ 56	11 ⁰ 20	4 ⁰ 37	12 ⁰ 19	15 ⁰ 10	14 ⁰ 21	21 ⁰ 52	26 ⁰ 46	W12
T 13	17 24 48	21 ⁰ 45'46	23 ⁰ 20	15 ⁰ 29	11 ⁰ 5	7 ⁰ 14	14 ⁰ 37	15 ⁰ 52	11 ⁰ 20	4 ⁰ 39	12 ⁰ 17	15 ⁰ D10	14 ⁰ 18	21 ⁰ 59	26 ⁰ 42	T 13
F 14	17 28 45	22 ⁰ 43'03	5 ¹⁴ 10	17 ⁰ 38	12 ⁰ 18	7 ⁰ 51	14 ⁰ 47	15 ⁰ 48	11 ⁰ 20	4 ⁰ 41	12 ⁰ 16	15 ⁰ 10	14 ⁰ 15	22 ⁰ 6	26 ⁰ 38	F 14
S 15	17 32 42	23 ⁰ 40'19	17 ⁰ 4	19 ⁰ 49	13 ⁰ 31	8 ⁰ 27	14 ⁰ 57	15 ⁰ 45	11 ⁰ 20	4 ⁰ 43	12 ⁰ 14	15 ⁰ R10	14 ⁰ 11	22 ⁰ 12	26 ⁰ 34	S 15
S 16	17 36 38	24 ⁰ 37'35	29 ⁰ 9	22 ⁰ 0	14 ⁰ 45	9 ⁰ 3	15 ⁰ 8	15 ⁰ 41	11 ⁰ R20	4 ⁰ 44	12 ⁰ 13	15 ⁰ 9	14 ⁰ 8	22 ⁰ 19	26 ⁰ 30	S 16
M17	17 40 35	25 ⁰ 34'51	11 ¹⁸ 29	24 ⁰ 12	15 ⁰ 58	9 ⁰ 39	15 ⁰ 18	15 ⁰ 37	11 ⁰ 20	4 ⁰ 46	12 ⁰ 11	15 ⁰ 6	14 ⁰ 5	22 ⁰ 26	26 ⁰ 25	M17
T 18	17 44 31	26 ⁰ 32'06	24 ⁰ 6	26 ⁰ 23	17 ⁰ 11	10 ⁰ 15	15 ⁰ 29	15 ⁰ 33	11 ⁰ 20	4 ⁰ 48	12 ⁰ 9	15 ⁰ 1	14 ⁰ 2	22 ⁰ 32	26 ⁰ 21	T 18
W19	17 48 28	27 ⁰ 29'21	7 ¹¹ 4	28 ⁰ 35	18 ⁰ 24	10 ⁰ 52	15 ⁰ 39	15 ⁰ 29	11 ⁰ 20	4 ⁰ 50	12 ⁰ 8	14 ⁰ 53	13 ⁰ 59	22 ⁰ 39	26 ⁰ 17	W19
T 20	17 52 24	28 ⁰ 26'36	20 ⁰ 23	0 ⁰ 546	19 ⁰ 37	11 ⁰ 28	15 ⁰ 50	15 ⁰ 24	11 ⁰ 20	4 ⁰ 52	12 ⁰ 6	14 ⁰ 43	13 ⁰ 56	22 ⁰ 46	26 ⁰ 13	T 20
F 21	17 56 21	29 ⁰ 23'51	4 ⁰ 2	2 ⁰ 56	20 ⁰ 50	12 ⁰ 4	16 ⁰ 1	15 ⁰ 20	11 ⁰ 20	4 ⁰ 54	12 ⁰ 5	14 ⁰ 32	13 ⁰ 52	22 ⁰ 52	26 ⁰ 9	F 21
S 22	18 0 17	0 ⁰ 521'05	17 ⁰ 56	5 ⁰ 5	22 ⁰ 3	12 ⁰ 41	16 ⁰ 11	15 ⁰ 16	11 ⁰ 19	4 ⁰ 55	12 ⁰ 3	14 ⁰ 21	13 ⁰ 49	22 ⁰ 59	26 ⁰ 5	S 22
S 23	18 4 14	1 ⁰ 18'19	2 ⁰ 3	7 ⁰ 14	23 ⁰ 16	13 ⁰ 17	16 ⁰ 22	15 ⁰ 12	11 ⁰ 19	4 ⁰ 57	12 ⁰ 2	14 ⁰ 11	13 ⁰ 46	23 ⁰ 5	26 ⁰ 1	S 23
M24	18 8 11	2 ⁰ 15'33	16 ⁰ 17	9 ⁰ 21	24 ⁰ 29	13 ⁰ 53	16 ⁰ 33	15 ⁰ 8	11 ⁰ 19	4 ⁰ 59	12 ⁰ 0	14 ⁰ 2	13 ⁰ 43	23 ⁰ 12	25 ⁰ 57	M24
T 25	18 12 7	3 ⁰ 12'46	0 ¹¹ 33	11 ⁰ 26	25 ⁰ 42	14 ⁰ 30	16 ⁰ 44	15 ⁰ 3	11 ⁰ 18	5 ⁰ 1	11 ⁰ 59	13 ⁰ 57	13 ⁰ 40	23 ⁰ 19	25 ⁰ 53	T 25
W26	18 16 4	4 ⁰ 9'59	14 ⁰ 48	13 ⁰ 30	26 ⁰ 55	15 ⁰ 6	16 ⁰ 55	14 ⁰ 59	11 ⁰ 18	5 ⁰ 3	11 ⁰ 57	13 ⁰ 54	13 ⁰ 36	23 ⁰ 25	25 ⁰ 49	W26
T 27	18 20 0	5 ⁰ 7'11	29 ⁰ 0	15 ⁰ 32	28 ⁰ 8	15 ⁰ 43	17 ⁰ 7	14 ⁰ 55	11 ⁰ 17	5 ⁰ 5	11 ⁰ 56	13 ⁰ 53	13 ⁰ 33	23 ⁰ 32	25 ⁰ 46	T 27
F 28	18 23 57	6 ⁰ 4'22	13 ⁰ 6	17 ⁰ 32	29 ⁰ 21	16 ⁰ 19	17 ⁰ 18	14 ⁰ 50	11 ⁰ 17	5 ⁰ 7	11 ⁰ 55	13 ⁰ 53	13 ⁰ 30	23 ⁰ 39	25 ⁰ 42	F 28
S 29	18 27 53	7 ⁰ 1'34	27 ⁰ 6	19 ⁰ 31	0 ⁰ 234	16 ⁰ 56	17 ⁰ 29	14 ⁰ 46	11 ⁰ 16	5 ⁰ 9	11 ⁰ 53	13 ⁰ 52	13 ⁰ 27	23 ⁰ 45	25 ⁰ 38	S 29
S 30	18 31 50	7 ⁰ 58'45	10 ⁰ 159	21 ⁰ 527	1 ⁰ 47	17 ⁰ 333	17 ⁰ 414	14 ⁰ 342	11 ⁰ 15	5 ⁰ 11	11 ⁰ 52	13 ⁰ 50	13 ⁰ 24	23 ⁰ 352	25 ⁰ 343	S 30

ASTRODIENST EPHEMERIS for the year 1754

geocentric

JULY 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 35 46	8°55'55"	24°45'	23°22'	3°0'	18°9'	17°52'	14°R37	11°R15	5°13'	11°R50	13°R46	13°21'	23°59'	25°R30	M 1
T 2	18 39 43	9°53'06"	8°22'	25°15'	4°13'	18°46'	18°3'	14°33'	11°R14	5°15'	11°R49	13°39'	13°17'	24°5'	25°R26	T 2
W 3	18 43 40	10°50'17"	21°48'	27°5'	5°25'	19°23'	18°15'	14°28'	11°13'	5°17'	11°48'	13°29'	13°14'	24°12'	25°22'	W 3
T 4	18 47 36	11°47'27"	5°3'	28°54'	6°38'	19°59'	18°27'	14°24'	11°12'	5°19'	11°46'	13°18'	13°11'	24°19'	25°19'	T 4
F 5	18 51 33	12°44'38"	18°3'	0°40'	7°51'	20°36'	18°38'	14°20'	11°11'	5°21'	11°45'	13°5'	13°8'	24°25'	25°15'	F 5
S 6	18 55 29	13°41'48"	0°47'	2°25'	9°4'	21°13'	18°50'	14°15'	11°11'	5°24'	11°44'	12°53'	13°5'	24°32'	25°11'	S 6
S 7	18 59 26	14°38'59"	13°17'	4°8'	10°16'	21°50'	19°2'	14°11'	11°10'	5°26'	11°42'	12°41'	13°2'	24°39'	25°8'	S 7
M 8	19 3 22	15°36'11"	25°32'	5°48'	11°29'	22°27'	19°14'	14°6'	11°9'	5°28'	11°41'	12°32'	12°58'	24°45'	25°4'	M 8
T 9	19 7 19	16°33'22"	7°34'	7°27'	12°42'	23°3'	19°26'	14°2'	11°8'	5°30'	11°40'	12°26'	12°55'	24°52'	25°0'	T 9
W10	19 11 15	17°30'34"	19°27'	9°3'	13°54'	23°40'	19°38'	13°58'	11°6'	5°32'	11°39'	12°22'	12°52'	24°59'	24°57'	W10
T 11	19 15 12	18°27'47"	1°16'	10°38'	15°7'	24°17'	19°50'	13°53'	11°5'	5°34'	11°37'	12°21'	12°49'	25°5'	24°53'	T 11
F 12	19 19 9	19°25'00"	13°5'	12°10'	16°20'	24°54'	20°2'	13°49'	11°4'	5°36'	11°36'	12°21'	12°46'	25°12'	24°50'	F 12
S 13	19 23 5	20°22'14"	25°0'	13°41'	17°32'	25°31'	20°14'	13°44'	11°3'	5°38'	11°35'	12°21'	12°42'	25°19'	24°46'	S 13
S 14	19 27 2	21°19'28"	7°5'	15°9'	18°45'	26°8'	20°26'	13°40'	11°2'	5°41'	11°34'	12°20'	12°39'	25°25'	24°43'	S 14
M15	19 30 58	22°16'44"	19°27'	16°36'	19°57'	26°45'	20°38'	13°36'	11°0'	5°43'	11°33'	12°17'	12°36'	25°32'	24°40'	M15
T 16	19 34 55	23°14'00"	2°11'	18°0'	21°10'	27°22'	20°50'	13°31'	10°59'	5°45'	11°32'	12°12'	12°33'	25°38'	24°37'	T 16
W17	19 38 51	24°11'16"	15°15'	19°22'	22°22'	28°0'	21°3'	13°27'	10°58'	5°47'	11°31'	12°5'	12°30'	25°45'	24°33'	W17
T 18	19 42 48	25°8'34"	28°46'	20°42'	23°35'	28°37'	21°15'	13°23'	10°56'	5°49'	11°30'	11°56'	12°27'	25°52'	24°30'	T 18
F 19	19 46 44	26°5'52"	12°24'	22°0'	24°47'	29°14'	21°27'	13°18'	10°55'	5°52'	11°29'	11°45'	12°23'	25°58'	24°27'	F 19
S 20	19 50 41	27°3'11"	26°57'	23°16'	26°0'	29°51'	21°40'	13°14'	10°53'	5°54'	11°28'	11°34'	12°20'	26°5'	24°24'	S 20
S 21	19 54 38	28°0'30"	11°28'	24°29'	27°12'	0°28'	21°52'	13°10'	10°52'	5°56'	11°27'	11°23'	12°17'	26°12'	24°21'	S 21
M22	19 58 34	28°57'50"	26°7'	25°40'	28°24'	1°6'	22°5'	13°6'	10°50'	5°58'	11°26'	11°15'	12°14'	26°18'	24°18'	M22
T 23	20 2 31	29°55'10"	10°47'	26°48'	29°37'	1°43'	22°17'	13°2'	10°49'	6°0'	11°25'	11°10'	12°11'	26°25'	24°15'	T 23
W24	20 6 27	0°52'31"	25°21'	27°54'	0°49'	2°20'	22°30'	12°57'	10°47'	6°3'	11°24'	11°7'	12°8'	26°32'	24°13'	W24
T 25	20 10 24	1°49'53"	9°45'	28°57'	2°1'	2°58'	22°42'	12°53'	10°45'	6°5'	11°23'	11°D 6'	12°4'	26°38'	24°10'	T 25
F 26	20 14 20	2°47'15"	23°56'	29°58'	3°13'	3°35'	22°55'	12°49'	10°44'	6°7'	11°22'	11°6'	12°1'	26°45'	24°7'	F 26
S 27	20 18 17	3°44'37"	7°53'	0°56'	4°25'	4°13'	23°8'	12°45'	10°42'	6°9'	11°21'	11°R 6'	11°58'	26°52'	24°5'	S 27
S 28	20 22 13	4°42'00"	21°37'	1°50'	5°38'	4°50'	23°20'	12°41'	10°40'	6°11'	11°20'	11°5'	11°55'	26°58'	24°2'	S 28
M29	20 26 10	5°39'23"	5°17'	2°42'	6°50'	5°28'	23°33'	12°38'	10°38'	6°14'	11°20'	11°2'	11°52'	27°5'	24°0'	M29
T 30	20 30 7	6°36'48"	18°24'	3°30'	8°2'	6°5'	23°46'	12°34'	10°36'	6°16'	11°19'	10°56'	11°48'	27°12'	23°57'	T 30
W31	20 34 3	7°34'13"	1°29'	4°15'	9°14'	6°43'	23°59'	12°30'	10°35'	6°18'	11°18'	10°48'	11°45'	27°18'	23°55'	W31

Delta T = 17.31 sec

Greg. Calendar

AUGUST 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 0	8°31'38"	14°32'	4°56'	10°26'	7°20'	24°11'	12°R26	10°R33	6°20'	11°R18	10°R38	11°42'	27°R25	23°R53	T 1
F 2	20 41 56	9°29'05"	27°3'	5°34'	11°38'	7°58'	24°24'	12°32'	10°R31	6°23'	11°R17	10°R27	11°39'	27°32'	23°R50	F 2
S 3	20 45 53	10°26'32"	9°31'	6°8'	12°50'	8°36'	24°37'	12°19'	10°29'	6°25'	11°16'	10°17'	11°36'	27°38'	23°48'	S 3
S 4	20 49 49	11°24'01"	21°48'	6°37'	14°1'	9°13'	24°50'	12°15'	10°27'	6°27'	11°16'	10°7'	11°33'	27°45'	23°46'	S 4
M 5	20 53 46	12°21'30"	3°53'	7°3'	15°13'	9°51'	25°3'	12°12'	10°25'	6°29'	11°15'	10°0'	11°29'	27°51'	23°44'	M 5
T 6	20 57 42	13°19'01"	15°50'	7°23'	16°25'	10°29'	25°16'	12°8'	10°23'	6°31'	11°15'	9°55'	11°26'	27°58'	23°43'	T 6
W 7	21 1 39	14°16'33"	27°40'	7°39'	17°37'	11°7'	25°29'	12°5'	10°21'	6°34'	11°14'	9°52'	11°23'	28°5'	23°41'	W 7
T 8	21 5 36	15°14'06"	9°27'	7°50'	18°49'	11°45'	25°42'	12°1'	10°19'	6°36'	11°14'	9°D51'	11°20'	28°11'	23°39'	T 8
F 9	21 9 32	16°11'41"	21°15'	7°56'	20°0'	12°22'	25°55'	11°58'	10°16'	6°38'	11°13'	9°51'	11°17'	28°18'	23°37'	F 9
S 10	21 13 29	17°9'17"	3°9'	7°R57'	21°12'	13°0'	26°8'	11°55'	10°14'	6°40'	11°13'	9°53'	11°13'	28°25'	23°36'	S 10
S 11	21 17 25	18°6'55"	15°13'	7°52'	22°23'	13°38'	26°21'	11°52'	10°12'	6°42'	11°12'	9°R53'	11°10'	28°31'	23°34'	S 11
M12	21 21 22	19°4'34"	27°34'	7°42'	23°35'	14°16'	26°34'	11°49'	10°10'	6°45'	11°12'	9°53'	11°7'	28°38'	23°33'	M12
T 13	21 25 18	20°2'15"	10°15'	7°26'	24°46'	14°54'	26°47'	11°46'	10°8'	6°47'	11°12'	9°51'	11°4'	28°45'	23°32'	T 13
W14	21 29 15	20°59'57"	23°21'	7°4'	25°58'	15°32'	27°0'	11°43'	10°6'	6°49'	11°11'	9°47'	11°1'	28°51'	23°30'	W14
T 15	21 33 11	21°57'41"	6°55'	6°37'	27°9'	16°10'	27°13'	11°40'	10°3'	6°51'	11°11'	9°41'	10°58'	28°58'	23°29'	T 15
F 16	21 37 8	22°55'27"	20°56'	6°5'	28°21'	16°49'	27°26'	11°37'	10°1'	6°53'	11°11'	9°34'	10°54'	29°5'	23°28'	F 16
S 17	21 41 5	23°53'14"	5°22'	5°27'	29°32'	17°27'	27°39'	11°34'	9°59'	6°56'	11°11'	9°27'	10°51'	29°11'	23°27'	S 17
S 18	21 45 1	24°51'02"	20°8'	4°45'	0°43'	18°5'	27°52'	11°32'	9°57'	6°58'	11°11'	9°21'	10°48'	29°18'	23°26'	S 18
M19	21 48 58	25°48'52"	5°19'	3°59'	1°54'	18°43'	28°5'	11°29'	9°54'	7°0'	11°10'	9°15'	10°45'	29°25'	23°26'	M19
T 20	21 52 54	26°46'44"	20°6'	3°9'	3°6'	19°21'	28°18'	11°27'	9°52'	7°2'	11°10'	9°12'	10°42'	29°31'	23°25'	T 20
W21	21 56 51	27°44'36"	5°2'	2°17'	4°17'	20°0'	28°31'	11°24'	9°50'	7°4'	11°10'	9°D11'	10°39'	29°38'	23°24'	W21
T 22	22 0 47	28°42'30"	19°44'	1°23'	5°28'	20°38'	28°44'	11°22'	9°47'	7°6'	11°10'	9°11'	10°35'	29°45'	23°24'	T 22
F 23	22 4 44	29°40'25"	4°19'	0°29'	6°39'	21°16'	28°57'	11°20'	9°45'	7°8'	11°D10'	9°12'	10°32'	29°51'	23°23'	F 23
S 24	22 8 40	0°38'22"	18°15'	29°34'	7°50'	21°55'	29°10'	11°18'	9°43'	7°10'	11°10'	9°13'	10°29'	29°58'	23°23'	S 24
S 25	22 12 37	1°36'20"	1°59'	28°42'	9°1'	22°33'	29°23'	11°16'	9°40'	7°12'	11°10'	9°R14'	10°26'	0°4'	23°23'	S 25
M26	22 16 34	2°34'19"	15°24'	27°52'	10°12'	23°12'	29°36'	11°14'	9°38'	7°14'	11°10'	9°13'	10°23'	0°11'	23°22'	M26
T 27	22 20 30	3°32'20"	28°30'	27°6'	11°22'	23°50'	29°49'	11°12'	9°36'	7°17'	11°11'	9°11'	10°19'	0°18'	23°22'	T 27
W28	22 24 27	4°30'21"	11°21'	26°25'	12°33'	24°29'	0°16'	11°10'	9°33'	7°19'	11°11'	9°7'	10°16'	0°24'	23°D22'	W28
T 29	22 28 23	5°28'25"	23°57'	25°50'	13°44'	25°8'	0°16'	11°8'	9°31'	7°21'	11°11'	9°2'	10°13'	0°31'	23°22'	T 29
F 30	22 32 20	6°26'29"	6°21'	25°21'	14°54'	25°46'	0°29'	11°7'	9°28'	7°23'	11°11'	8°56'	10°10'	0°38'	23°22'	F 30
S 31	22 36 16	7°24'36"	18°34'	25°0'	16°5'	26°25'	0°42'	11°3'	9°26'	7°25'	11°11'	8°51'	10°7'	0°44'	23°R23'	S 31

Delta T = 17.33 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

SEPTEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 13	8 ^m 22'44"	0 ^h 38'	24°R47	17 ^h 15'	27 ^m 4	0 ^m 55	11°R 4	9°R24	7 ^h 27	11 ^h 12	8°R46	10 ^h 4	0 ^h 51	23 ^h 23	S 1
M 2	22 44 9	9°20'53"	12°35'	24°D42	18°26'	27°42'	1° 8'	11°3 3	9°R21	7°28'	11°12'	8°42'	10° 0'	0°58'	23°23'	M 2
T 3	22 48 6	10°19'04"	24°26'	24°47'	19°36'	28°21'	1°21'	11° 1'	9°19'	7°30'	11°12'	8°40'	9°57'	1° 4'	23°24'	T 3
W 4	22 52 2	11°17'17"	6°Y14	24°59'	20°47'	29° 0'	1°34'	11° 0'	9°16'	7°32'	11°13'	8°D39	9°54'	1°11'	23°25'	W 4
T 5	22 55 59	12°15'32"	18° 1'	25°21'	21°57'	29°39'	1°46'	10°59'	9°14'	7°34'	11°13'	8°39'	9°51'	1°18'	23°25'	T 5
F 6	22 59 56	13°13'49"	29°50'	25°52'	23° 7'	0 ^h 18'	1°59'	10°58'	9°12'	7°36'	11°14'	8°40'	9°48'	1°24'	23°26'	F 6
S 7	23 3 52	14°12'08"	11°8'45"	26°31'	24°17'	0°57'	2°12'	10°57'	9° 9'	7°38'	11°14'	8°42'	9°45'	1°31'	23°27'	S 7
S 8	23 7 49	15°10'29"	23°50'	27°18'	25°27'	1°35'	2°25'	10°57'	9° 7'	7°40'	11°15'	8°44'	9°41'	1°37'	23°28'	S 8
M 9	23 11 45	16° 8'53"	6°II10	28°13'	26°37'	2°15'	2°38'	10°56'	9° 4'	7°42'	11°15'	8°45'	9°38'	1°44'	23°29'	M 9
T 10	23 15 42	17° 7'18"	18°48'	29°16'	27°47'	2°54'	2°51'	10°55'	9° 2'	7°44'	11°16'	8°R45	9°35'	1°51'	23°30'	T 10
W11	23 19 38	18° 5'45"	1°50'	0 ^h 25'	28°57'	3°33'	3° 4'	10°55'	9° 0'	7°45'	11°16'	8°45'	9°32'	1°57'	23°31'	W11
T 12	23 23 35	19° 4'15"	15°17'	1°41'	0 ^h 16'	4°12'	3°17'	10°55'	8°57'	7°47'	11°17'	8°43'	9°29'	2° 4'	23°32'	T 12
F 13	23 27 31	20° 2'47"	29°13'	3° 2'	1°16'	4°51'	3°29'	10°54'	8°55'	7°49'	11°18'	8°41'	9°25'	2°11'	23°34'	F 13
S 14	23 31 28	21° 1'21"	13°23'5"	4°29'	2°26'	5°30'	3°42'	10°54'	8°53'	7°51'	11°18'	8°39'	9°22'	2°17'	23°35'	S 14
S 15	23 35 25	21°59'57"	28°21'	6° 0'	3°35'	6° 9'	3°55'	10°D54	8°50'	7°52'	11°19'	8°37'	9°19'	2°24'	23°37'	S 15
M16	23 39 21	22°58'35"	13°23'	7°35'	4°44'	6°49'	4° 8'	10°54'	8°48'	7°54'	11°20'	8°35'	9°16'	2°31'	23°39'	M16
T 17	23 43 18	23°57'15"	28°34'	9°13'	5°54'	7°28'	4°20'	10°54'	8°46'	7°56'	11°21'	8°34'	9°13'	2°37'	23°40'	T 17
W18	23 47 14	24°55'57"	13°45'	10°54'	7° 3'	8° 8'	4°33'	10°55'	8°43'	7°57'	11°22'	8°D34	9°10'	2°44'	23°42'	W18
T 19	23 51 11	25°54'41"	28°44'	12°38'	8°12'	8°47'	4°46'	10°55'	8°41'	7°59'	11°23'	8°34'	9° 6'	2°51'	23°44'	T 19
F 20	23 55 7	26°53'27"	13°26'	14°23'	9°21'	9°26'	4°58'	10°55'	8°39'	8° 1'	11°23'	8°35'	9° 3'	2°57'	23°46'	F 20
S 21	23 59 4	27°52'14"	27°45'	16°10'	10°30'	10° 6'	5°11'	10°56'	8°37'	8° 2'	11°24'	8°36'	9° 0'	3° 4'	23°48'	S 21
S 22	0 3 0	28°51'04"	11°39'	17°57'	11°39'	10°45'	5°23'	10°56'	8°35'	8° 4'	11°25'	8°37'	8°57'	3°11'	23°50'	S 22
M23	0 6 57	29°49'55"	25° 8'	19°46'	12°48'	11°25'	5°36'	10°57'	8°32'	8° 5'	11°26'	8°R37	8°54'	3°17'	23°52'	M23
T 24	0 10 54	0 ^h 48'47"	8°31'	21°35'	13°57'	12° 5'	5°48'	10°58'	8°30'	8° 7'	11°27'	8°37'	8°50'	3°24'	23°55'	T 24
W25	0 14 50	1°47'42"	20°13'	23°24'	15° 5'	12°44'	6° 1'	10°59'	8°28'	8° 8'	11°28'	8°37'	8°47'	3°30'	23°57'	W25
T 26	0 18 47	2°46'38"	3°24'	25°13'	16°14'	13°24'	6°13'	11° 0'	8°26'	8°10'	11°30'	8°36'	8°44'	3°37'	24° 0'	T 26
F 27	0 22 43	3°45'36"	15°37'	27° 3'	17°22'	14° 4'	6°25'	11° 1'	8°24'	8°11'	11°31'	8°36'	8°41'	3°44'	24° 2'	F 27
S 28	0 26 40	4°44'36"	27°39'	28°51'	18°30'	14°44'	6°37'	11° 2'	8°22'	8°13'	11°32'	8°35'	8°38'	3°50'	24° 5'	S 28
S 29	0 30 36	5°43'37"	9°34'	0 ^h 40'	19°38'	15°23'	6°50'	11° 4'	8°20'	8°14'	11°33'	8°35'	8°35'	3°57'	24° 8'	S 29
M30	0 34 33	6°42'41"	21°25'	2°28'	20°46'	16° 3'	7°27'	11°3 5	8°18'	8°15'	11°34'	8°34'	8°31'	4°Y 4	24°10'	M30

Delta T = 17.36 sec

Greg. Calendar

OCTOBER 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 29	7°41'46"	3°Y13	4°15'	21°M.54	16°43'	7°27'	11°3 6	8°R16	8°17'	11°35'	8°R34	8°28'	4°Y10	24°13'	T 1
W 2	0 42 26	8°40'54"	15° 1'	6° 2'	23° 2'	17°23'	7°26'	11° 8'	8°R14	8°18'	11°37'	8°34'	8°25'	4°17'	24°16'	W 2
T 3	0 46 22	9°40'03"	26°51'	7°48'	24° 9'	18° 3'	7°38'	11°10'	8°12'	8°19'	11°38'	8°34'	8°22'	4°24'	24°19'	T 3
F 4	0 50 19	10°39'15"	8°46'	9°33'	25°17'	18°43'	7°50'	11°12'	8°10'	8°21'	11°39'	8°34'	8°19'	4°30'	24°22'	F 4
S 5	0 54 16	11°38'29"	20°47'	11°18'	26°24'	19°23'	8° 2'	11°13'	8° 8'	8°22'	11°41'	8°34'	8°16'	4°37'	24°26'	S 5
S 6	0 58 12	12°37'45"	2°II59	13° 2'	27°31'	20° 4'	8°14'	11°15'	8° 6'	8°23'	11°42'	8°33'	8°12'	4°44'	24°29'	S 6
M 7	1 2 9	13°37'03"	15°22'	14°45'	28°39'	20°44'	8°25'	11°18'	8° 4'	8°24'	11°43'	8°33'	8° 9'	4°50'	24°32'	M 7
T 8	1 6 5	14°36'24"	28° 2'	16°27'	29°45'	21°24'	8°37'	11°20'	8° 2'	8°25'	11°45'	8°32'	8° 6'	4°57'	24°36'	T 8
W 9	1 10 2	15°35'47"	11°51'	18° 9'	0 ^h 52'	22° 4'	8°49'	11°22'	8° 1'	8°26'	11°46'	8°D32	8° 3'	5° 3'	24°39'	W 9
T 10	1 13 58	16°35'13"	24°21'	19°50'	1°59'	22°45'	9° 0'	11°24'	7°59'	8°27'	11°48'	8°32'	8° 0'	5°10'	24°43'	T 10
F 11	1 17 55	17°34'41"	8°21'	21°30'	3° 5'	23°25'	9°12'	11°27'	7°57'	8°28'	11°49'	8°32'	7°56'	5°17'	24°46'	F 11
S 12	1 21 51	18°34'11"	22°14'	23°10'	4°12'	24° 5'	9°23'	11°29'	7°56'	8°29'	11°51'	8°33'	7°53'	5°23'	24°50'	S 12
S 13	1 25 48	19°33'43"	6°27'	24°49'	5°18'	24°46'	9°35'	11°32'	7°54'	8°30'	11°52'	8°34'	7°50'	5°30'	24°54'	S 13
M14	1 29 45	20°33'17"	21°37'	26°27'	6°24'	25°26'	9°46'	11°35'	7°52'	8°31'	11°54'	8°35'	7°47'	5°37'	24°58'	M14
T 15	1 33 41	21°32'54"	6°42'	28° 5'	7°29'	26° 7'	9°57'	11°38'	7°51'	8°32'	11°56'	8°R35	7°44'	5°43'	25° 1'	T 15
W16	1 37 38	22°32'33"	21°51'	29°42'	8°35'	26°47'	10° 9'	11°40'	7°49'	8°33'	11°57'	8°35'	7°41'	5°50'	25° 5'	W16
T 17	1 41 34	23°32'14"	6°M.57	1°M.18	9°40'	27°28'	10°20'	11°43'	7°48'	8°34'	11°59'	8°34'	7°37'	5°57'	25° 9'	T 17
F 18	1 45 31	24°31'57"	21°48'	2°54'	10°46'	28° 9'	10°31'	11°47'	7°46'	8°35'	12° 1'	8°32'	7°34'	6° 3'	25°14'	F 18
S 19	1 49 27	25°31'42"	6°X19	4°29'	11°51'	28°49'	10°42'	11°50'	7°45'	8°36'	12° 2'	8°30'	7°31'	6°10'	25°18'	S 19
S 20	1 53 24	26°31'28"	20°24'	6° 3'	12°55'	29°30'	10°53'	11°53'	7°44'	8°36'	12° 4'	8°28'	7°28'	6°17'	25°22'	S 20
M21	1 57 20	27°31'17"	4°3 2	7°37'	14° 0'	0 ^h 11'	11° 3'	11°56'	7°42'	8°37'	12° 6'	8°26'	7°25'	6°23'	25°26'	M21
T 22	2 1 17	28°31'07"	17°12'	9°11'	15° 4'	0°52'	11°14'	12° 0'	7°41'	8°38'	12° 8'	8°24'	7°21'	6°30'	25°31'	T 22
W23	2 5 14	29°30'58"	29°58'	10°43'	16° 8'	1°33'	11°25'	12° 3'	7°40'	8°39'	12° 9'	8°D24	7°18'	6°36'	25°35'	W23
T 24	2 9 10	0 ^h 30'52"	12°23'	12°16'	17°12'	2°14'	11°35'	12° 7'	7°39'	8°39'	12°11'	8°24'	7°15'	6°43'	25°40'	T 24
F 25	2 13 7	1°30'47"	24°32'	13°48'	18°16'	2°55'	11°46'	12°11'	7°38'	8°40'	12°13'	8°26'	7°12'	6°50'	25°44'	F 25
S 26	2 17 3	2°30'43"	6°X29	15°19'	19°19'	3°36'	11°56'	12°14'	7°37'	8°40'	12°15'	8°27'	7° 9'	6°56'	25°49'	S 26
S 27	2 21 0	3°30'41"	18°19'	16°50'	20°22'	4°17'	12° 6'	12°18'	7°36'	8°41'	12°17'	8°29'	7° 6'	7° 3'	25°53'	S 27
M28	2 24 56	4°30'41"	0°Y 6	18°20'	21°25'	4°58'	12°17'	12°22'	7°35'	8°41'	12°19'	8°30'	7° 2'	7°10'	25°58'	M28
T 29	2 28 53	5°30'43"	11°54'	19°50'	22°27'	5°39'	12°27'	12°26'	7°34'	8°42'	12°21'	8°R31	6°59'	7°16'	26° 3'	T 29
W30	2 32 49	6°30'46"	23°45'	21°20'	23°29'	6°20'	12°37'	12°30'	7°33'	8°42'	12°23'	8°30'	6°56'	7°23'	26° 8'	W30
T 31	2 36 46	7°30'52"	5°X43	22°M.48	24°X31	7°M. 2	12°47'	12°33'	7°X32	8°43'	12°25'	8°27'	6°53'	7°Y30	26°13'	T 31

Delta T = 17.38 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1754

geocentric

NOVEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 42	8♉30'59	17♊48	24♉17	25♊33	7♉43	12♉56	12♊39	7°R31	8♉43	12♊27	8°R23	6♉50	7°Y36	26♊18	F 1
S 2	2 44 39	9°31'08	0♈2	25°45	26°34	8°24	13°6	12°43	7°X30	8°43	12°28	8♉18	6°47	7°43	26°23	S 2
S 3	2 48 36	10°31'19	12°27	27°12	27°35	9°6	13°16	12°47	7°30	8°44	12°31	8°12	6°43	7°50	26°28	S 3
M 4	2 52 32	11°31'32	25°3	28°39	28°35	9°47	13°25	12°52	7°29	8°44	12°33	8°6	6°40	7°56	26°33	M 4
T 5	2 56 29	12°31'47	7♊53	0♊5	29°35	10°29	13°35	12°57	7°28	8°44	12°35	8°1	6°37	8°3	26°38	T 5
W 6	3 0 25	13°32'04	20°56	1°30	0♊35	11°10	13°44	13°1	7°28	8°44	12°37	7°58	6°34	8°9	26°43	W 6
T 7	3 4 22	14°32'23	4♉16	2°55	1°34	11°52	13°53	13°6	7°27	8°44	12°39	7°56	6°31	8°16	26°48	T 7
F 8	3 8 18	15°32'43	17°53	4°19	2°33	12°33	14°2	13°11	7°27	8°45	12°41	7°D55	6°27	8°23	26°54	F 8
S 9	3 12 15	16°33'06	1♉47	5°42	3°31	13°15	14°11	13°15	7°26	8°45	12°43	7°56	6°24	8°29	26°59	S 9
S 10	3 16 11	17°33'31	16°1	7°5	4°29	13°57	14°20	13°20	7°26	8°45	12°45	7°57	6°21	8°36	27°4	S 10
M 11	3 20 8	18°33'58	0♈31	8°26	5°27	14°38	14°29	13°25	7°26	8°R45	12°47	7°R58	6°18	8°43	27°10	M 11
T 12	3 24 5	19°34'26	15°15	9°46	6°24	15°20	14°37	13°30	7°25	8°45	12°49	7°58	6°15	8°49	27°15	T 12
W 13	3 28 1	20°34'56	0♈7	11°5	7°21	16°2	14°46	13°36	7°25	8°45	12°51	7°57	6°12	8°56	27°21	W 13
T 14	3 31 58	21°35'29	15°1	12°23	8°17	16°44	14°54	13°41	7°25	8°45	12°54	7°53	6°8	9°3	27°26	T 14
F 15	3 35 54	22°36'02	29°47	13°39	9°12	17°26	15°3	13°46	7°25	8°44	12°56	7°47	6°5	9°9	27°32	F 15
S 16	3 39 51	23°36'38	14♊18	14°54	10°7	18°8	15°11	13°51	7°25	8°44	12°58	7°39	6°2	9°16	27°38	S 16
S 17	3 43 47	24°37'14	28°27	16°6	11°1	18°50	15°19	13°57	7°D25	8°44	13°0	7°31	5°59	9°23	27°43	S 17
M 18	3 47 44	25°37'52	12♊10	17°16	11°55	19°32	15°27	14°2	7°25	8°44	13°2	7°24	5°56	9°29	27°49	M 18
T 19	3 51 40	26°38'31	25°26	18°24	12°48	20°14	15°34	14°8	7°25	8°44	13°5	7°18	5°53	9°36	27°55	T 19
W 20	3 55 37	27°39'12	8♉17	19°28	13°40	20°57	15°42	14°13	7°25	8°43	13°7	7°13	5°49	9°43	28°1	W 20
T 21	3 59 34	28°39'53	20°44	20°30	14°32	21°39	15°49	14°19	7°25	8°43	13°9	7°11	5°46	9°49	28°6	T 21
F 22	4 3 30	29°40'36	2♉54	21°27	15°23	22°21	15°57	14°24	7°25	8°43	13°11	7°D11	5°43	9°56	28°12	F 22
S 23	4 7 27	0♈41'19	14°51	22°20	16°13	23°3	16°4	14°30	7°26	8°42	13°14	7°12	5°40	10°2	28°18	S 23
S 24	4 11 23	1°42'04	26°40	23°9	17°3	23°46	16°11	14°36	7°26	8°42	13°16	7°13	5°37	10°9	28°24	S 24
M 25	4 15 20	2°42'49	8°Y26	23°51	17°51	24°28	16°18	14°42	7°27	8°41	13°18	7°R14	5°33	10°16	28°30	M 25
T 26	4 19 16	3°43'36	20°15	24°28	18°39	25°11	16°25	14°48	7°27	8°41	13°20	7°12	5°30	10°22	28°36	T 26
W 27	4 23 13	4°44'24	2♉11	24°57	19°26	25°53	16°31	14°54	7°27	8°40	13°23	7°9	5°27	10°29	28°42	W 27
T 28	4 27 9	5°45'12	14°16	25°19	20°12	26°36	16°38	15°0	7°28	8°40	13°25	7°3	5°24	10°36	28°48	T 28
F 29	4 31 6	6°46'02	26°34	25°32	20°57	27°18	16°44	15°6	7°29	8°39	13°27	6°55	5°21	10°42	28°54	F 29
S 30	4 35 3	7°46'53	9♈4	25°R36	21♊40	28♉1	16°Y50	15♊12	7°X29	8♉39	13°29	6♉45	5♉18	10°Y49	29♊0	S 30

Delta T = 17.40 sec

Greg. Calendar

DECEMBER 1754

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 59	8♉47'45	21♈48	25°R29	22♊23	28♉44	16♉56	15♊18	7°X30	8°R38	13°32	6°R33	5♉14	10°Y56	29♊6	S 1
M 2	4 42 56	9°48'39	4♊45	25♊12	23°5	29°27	17°2	15°24	7°31	8♉37	13°34	6♉21	5°11	11°2	29°12	M 2
T 3	4 46 52	10°49'33	17°54	24°43	23°46	0♊9	17°8	15°30	7°32	8°37	13°36	6°11	5°8	11°9	29°18	T 3
W 4	4 50 49	11°50'29	1♉15	24°3	24°25	0°52	17°13	15°36	7°32	8°36	13°39	6°2	5°5	11°16	29°25	W 4
T 5	4 54 45	12°51'25	14°45	23°12	25°3	1°35	17°19	15°43	7°33	8°35	13°41	5°56	5°2	11°22	29°31	T 5
F 6	4 58 42	13°52'23	28°26	22°11	25°40	2°18	17°24	15°49	7°34	8°34	13°43	5°53	4°59	11°29	29°37	F 6
S 7	5 2 39	14°53'22	12♉17	21°1	26°16	3°1	17°29	15°56	7°35	8°34	13°46	5°D52	4°55	11°35	29°43	S 7
S 8	5 6 35	15°54'22	26°19	19°44	26°50	3°44	17°34	16°2	7°36	8°33	13°48	5°52	4°52	11°42	29°49	S 8
M 9	5 10 32	16°55'24	10♉30	18°23	27°22	4°27	17°39	16°8	7°37	8°32	13°50	5°R52	4°49	11°49	29°56	M 9
T 10	5 14 28	17°56'26	24°50	17°0	27°54	5°10	17°43	16°15	7°39	8°31	13°52	5°51	4°46	11°55	0♊2	T 10
W 11	5 18 25	18°57'30	9♉16	15°38	28°23	5°53	17°48	16°22	7°40	8°30	13°55	5°47	4°43	12°2	0°8	W 11
T 12	5 22 21	19°58'34	23°45	14°20	28°51	6°37	17°52	16°28	7°41	8°29	13°57	5°41	4°39	12°9	0°14	T 12
F 13	5 26 18	20°59'40	8♊9	13°8	29°18	7°20	17°56	16°35	7°42	8°28	13°59	5°31	4°36	12°15	0°21	F 13
S 14	5 30 14	22°0'46	22°24	12°4	29°42	8°3	18°0	16°41	7°44	8°27	14°2	5°19	4°33	12°22	0°27	S 14
S 15	5 34 11	23°1'52	6♊22	11°10	0♊5	8°47	18°3	16°48	7°45	8°26	14°4	5°7	4°30	12°29	0°33	S 15
M 16	5 38 8	24°3'00	20°0	10°26	0°26	9°30	18°7	16°55	7°47	8°25	14°6	4°54	4°27	12°35	0°40	M 16
T 17	5 42 4	25°4'07	3♉15	9°53	0°45	10°13	18°10	17°2	7°48	8°24	14°8	4°44	4°24	12°42	0°46	T 17
W 18	5 46 1	26°5'15	16°6	9°31	1°2	10°57	18°14	17°8	7°50	8°23	14°11	4°35	4°20	12°49	0°52	W 18
T 19	5 49 57	27°6'23	28°36	9°20	1°17	11°40	18°17	17°15	7°51	8°21	14°13	4°30	4°17	12°55	0°59	T 19
F 20	5 53 54	28°7'32	10♈47	9°D19	1°29	12°24	18°19	17°22	7°53	8°20	14°15	4°27	4°14	13°2	1°5	F 20
S 21	5 57 50	29°8'40	22°45	9°27	1°40	13°8	18°22	17°29	7°54	8°19	14°17	4°26	4°11	13°9	1°11	S 21
S 22	6 1 47	0♊9'49	4°Y35	9°44	1°48	13°51	18°24	17°36	7°56	8°18	14°20	4°26	4°8	13°15	1°18	S 22
M 23	6 5 43	1°10'57	16°22	10°8	1°54	14°35	18°27	17°43	7°58	8°17	14°22	4°26	4°5	13°22	1°24	M 23
T 24	6 9 40	2°12'06	28°12	10°40	1°57	15°19	18°29	17°49	8°0	8°15	14°24	4°24	4°1	13°28	1°30	T 24
W 25	6 13 37	3°13'14	10♉11	11°18	1°R58	16°2	18°31	17°56	8°2	8°14	14°26	4°20	3°58	13°35	1°37	W 25
T 26	6 17 33	4°14'23	22°22	12°2	1°57	16°46	18°32	18°3	8°4	8°13	14°29	4°13	3°55	13°42	1°43	T 26
F 27	6 21 30	5°15'31	4♈49	12°51	1°53	17°30	18°34	18°10	8°5	8°11	14°31	4°3	3°52	13°48	1°49	F 27
S 28	6 25 26	6°16'40	17°33	13°44	1°46	18°14	18°35	18°17	8°7	8°10	14°33	3°51	3°49	13°55	1°56	S 28
S 29	6 29 23	7°17'49	0♊36	14°41	1°37	18°58	18°36	18°24	8°10	8°9	14°35	3°38	3°45	14°2	2°2	S 29
M 30	6 33 19	8°18'57	13°56	15°42	1°26	19°42	18°37	18°31	8°12	8°7	14°37	3°24	3°42	14°8	2°8	M 30
T 31	6 37 16	9♊20'06	27♊30	16♊46	1°42	20°26	18°Y38	18♊38	8°X14	8♉6	14°39	3♉12	3♉39	14°Y15	2♊15	T 31

Delta T = 17.43 sec

Greg. Calendar