



# Astrodienst Ephemeris Tables for the year 1758

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 1758

geocentric

## JANUARY 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 16	10°37'44	21°40'	19°38'	27°38' 7	23°R49	8°19'	19°38'	19°46'	14°R51	21°19'	4°J30	5°J33	16°J27	24°J51	S 1
M 2	6 46 13	11°38'54	3°44'	21°17'	28°12'	23°J43	8°21'	19°44'	19°48'	14°J50	21°21'	4°31'	5°30'	16°34'	24°56'	M 2
T 3	6 50 9	12°40'04	16° 3'	22°55'	29°18'	23°36'	8°34'	19°50'	19°50'	14°48'	21°23'	4°R32	5°27'	16°41'	25° 1'	T 3
W 4	6 54 6	13°41'14	28°42'	24°34'	0°X23	23°29'	8°46'	19°57'	19°51'	14°47'	21°25'	4°31'	5°24'	16°47'	25° 6'	W 4
T 5	6 58 2	14°42'24	11°45'	26°13'	1°28'	23°20'	8°58'	20° 3'	19°53'	14°45'	21°28'	4°29'	5°21'	16°54'	25°12'	T 5
F 6	7 1 59	15°43'35	25°15'	27°51'	2°32'	23°11'	9°10'	20° 9'	19°55'	14°44'	21°30'	4°27'	5°18'	17° 1'	25°17'	F 6
S 7	7 5 56	16°44'45	9°12'	29°29'	3°37'	23° 1'	9°22'	20°16'	19°57'	14°43'	21°32'	4°24'	5°14'	17° 7'	25°22'	S 7
S 8	7 9 52	17°45'56	23°35'	1°37'	4°40'	22°50'	9°34'	20°22'	19°59'	14°41'	21°34'	4°22'	5°11'	17°14'	25°27'	S 8
M 9	7 13 49	18°47'06	8°30'	2°45'	5°44'	22°38'	9°46'	20°29'	20° 1'	14°40'	21°36'	4°20'	5° 8'	17°21'	25°32'	M 9
T 10	7 17 45	19°48'16	23°19'	4°21'	6°47'	22°26'	9°58'	20°35'	20° 3'	14°38'	21°38'	4°19'	5° 5'	17°27'	25°38'	T 10
W 11	7 21 42	20°49'25	8°23'	5°57'	7°50'	22°12'	10° 9'	20°42'	20° 5'	14°37'	21°40'	4°D19	5° 2'	17°34'	25°43'	W 11
T 12	7 25 38	21°50'34	23°25'	7°31'	8°53'	21°58'	10°21'	20°49'	20° 7'	14°35'	21°42'	4°19'	4°58'	17°41'	25°48'	T 12
F 13	7 29 35	22°51'42	8°16'	9° 4'	9°55'	21°43'	10°33'	20°55'	20° 9'	14°34'	21°44'	4°20'	4°55'	17°47'	25°53'	F 13
S 14	7 33 31	23°52'49	22°50'	10°35'	10°57'	21°28'	10°44'	21° 2'	20°12'	14°32'	21°46'	4°21'	4°52'	17°54'	25°59'	S 14
S 15	7 37 28	24°53'56	7°Y 2	12° 3'	11°58'	21°11'	10°56'	21° 9'	20°14'	14°31'	21°48'	4°22'	4°49'	18° 0'	26° 4'	S 15
M 16	7 41 25	25°55'01	20°51'	13°29'	13° 0'	20°54'	11° 7'	21°15'	20°16'	14°29'	21°50'	4°R22	4°46'	18° 7'	26° 9'	M 16
T 17	7 45 21	26°56'06	4°B 18	14°51'	14° 0'	20°37'	11°18'	21°22'	20°18'	14°27'	21°52'	4°22'	4°43'	18°14'	26°14'	T 17
W 18	7 49 18	27°57'09	17°24'	16° 9'	15° 0'	20°18'	11°30'	21°29'	20°21'	14°26'	21°54'	4°22'	4°39'	18°20'	26°20'	W 18
T 19	7 53 14	28°58'12	0°II 12	17°23'	16° 0'	20° 0'	11°41'	21°36'	20°23'	14°24'	21°56'	4°21'	4°36'	18°27'	26°25'	T 19
F 20	7 57 11	29°59'14	12°44'	18°31'	16°59'	19°40'	11°52'	21°43'	20°26'	14°23'	21°58'	4°21'	4°33'	18°34'	26°30'	F 20
S 21	8 1 7	1°0'15	25° 3'	19°33'	17°58'	19°20'	12° 3'	21°50'	20°28'	14°21'	21°59'	4°20'	4°30'	18°40'	26°35'	S 21
S 22	8 5 4	2° 1'14	7°D 11	20°28'	18°56'	18°59'	12°14'	21°57'	20°31'	14°19'	22° 1'	4°20'	4°27'	18°47'	26°41'	S 22
M 23	8 9 0	3° 2'13	19°11'	21°15'	19°54'	18°38'	12°24'	22° 4'	20°33'	14°18'	22° 3'	4°20'	4°24'	18°54'	26°46'	M 23
T 24	8 12 57	4° 3'11	1°J 5	21°53'	20°51'	18°17'	12°35'	22°11'	20°36'	14°16'	22° 5'	4°20'	4°20'	19° 0'	26°51'	T 24
W 25	8 16 54	5° 4'08	12°55'	22°22'	21°48'	17°55'	12°46'	22°18'	20°38'	14°14'	22° 7'	4°20'	4°17'	19° 7'	26°56'	W 25
T 26	8 20 50	6° 5'04	24°43'	22°41'	22°44'	17°32'	12°56'	22°25'	20°41'	14°13'	22° 8'	4°20'	4°14'	19°14'	27° 1'	T 26
F 27	8 24 47	7° 5'59	6°J 32	22°R49	23°39'	17° 9'	13° 7'	22°32'	20°44'	14°11'	22°10'	4°19'	4°11'	19°20'	27° 7'	F 27
S 28	8 28 43	8° 6'53	18°23'	22°46'	24°34'	16°46'	13°17'	22°39'	20°46'	14° 9'	22°12'	4°19'	4° 8'	19°27'	27°12'	S 28
S 29	8 32 40	9° 7'46	0°J 20	22°31'	25°28'	16°23'	13°27'	22°46'	20°49'	14° 8'	22°13'	4°18'	4° 4'	19°34'	27°17'	S 29
M 30	8 36 36	10° 8'36	12°26'	22° 6'	26°21'	15°59'	13°37'	22°53'	20°52'	14° 6'	22°15'	4°18'	4° 1'	19°40'	27°22'	M 30
T 31	8 40 33	11° 9'29	24°J 45	21°29'	27°X 14	15°J 36	13°X 47	23°38'	20°X 55	14°J 4	22°X 17	4°J 17	3°J 58	19°J 47	27°J 27	T 31

Delta T = 18.30 sec

Greg. Calendar

## FEBRUARY 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 29	12°10'20	7°M 20	20°R44	28°X 6	15°R12	13°X 57	23°38'	20°X 58	14°R 3	22°X 18	4°D17	3°J 55	19°J 53	27°J 32	W 1
T 2	8 48 26	13°11'10	20°16'	19°49'	28°57'	14°J 48	14° 7'	23°14'	21° 0'	14°J 1	22°20'	4°J 17	3°52'	20° 0'	27°37'	T 2
F 3	8 52 23	14°11'58	3°X 36	18°48'	29°48'	14°24'	14°17'	23°22'	21° 3'	13°59'	22°22'	4°17'	3°49'	20° 7'	27°43'	F 3
S 4	8 56 19	15°12'46	17°22'	17°41'	0°Y 37	14° 0'	14°26'	23°29'	21° 6'	13°58'	22°23'	4°18'	3°45'	20°13'	27°48'	S 4
S 5	9 0 16	16°13'33	1°J 35	16°31'	1°26'	13°36'	14°36'	23°36'	21° 9'	13°56'	22°25'	4°19'	3°42'	20°20'	27°53'	S 5
M 6	9 4 12	17°14'19	16°12'	15°19'	2°14'	13°12'	14°45'	23°43'	21°12'	13°54'	22°26'	4°20'	3°39'	20°27'	27°58'	M 6
T 7	9 8 9	18°15'03	1°J 10	14° 8'	3° 1'	12°48'	14°54'	23°50'	21°15'	13°53'	22°28'	4°R20	3°36'	20°33'	28° 3'	T 7
W 8	9 12 5	19°15'47	16°22'	13° 0'	3°47'	12°25'	15° 3'	23°58'	21°18'	13°51'	22°29'	4°20'	3°33'	20°40'	28° 8'	W 8
T 9	9 16 2	20°16'29	1°X 36	11°56'	4°32'	12° 1'	15°13'	24° 5'	21°21'	13°49'	22°30'	4°19'	3°30'	20°47'	28°13'	T 9
F 10	9 19 58	21°17'09	16°44'	10°57'	5°16'	11°38'	15°21'	24°12'	21°24'	13°47'	22°32'	4°17'	3°26'	20°53'	28°18'	F 10
S 11	9 23 55	22°17'48	1°Y 37	10° 4'	5°59'	11°16'	15°30'	24°19'	21°27'	13°46'	22°33'	4°15'	3°23'	21° 0'	28°22'	S 11
S 12	9 27 52	23°18'25	16° 7'	9°18'	6°41'	10°53'	15°39'	24°27'	21°30'	13°44'	22°35'	4°12'	3°20'	21° 7'	28°27'	S 12
M 13	9 31 48	24°19'00	0°J 10	8°40'	7°22'	10°31'	15°47'	24°34'	21°34'	13°42'	22°36'	4°10'	3°17'	21°13'	28°32'	M 13
T 14	9 35 45	25°19'34	13°15'	8° 9'	8° 2'	10°10'	15°56'	24°41'	21°37'	13°41'	22°37'	4° 9'	3°14'	21°20'	28°37'	T 14
W 15	9 39 41	26°20'05	26°54'	7°46'	8°40'	9°49'	16° 4'	24°48'	21°40'	13°39'	22°38'	4°D 8	3°10'	21°27'	28°42'	W 15
T 16	9 43 38	27°20'35	9°II 39	7°31'	9°17'	9°28'	16°12'	24°56'	21°43'	13°38'	22°40'	4° 9'	3° 7'	21°33'	28°47'	T 16
F 17	9 47 34	28°21'03	22° 4'	7°23'	9°53'	9° 8'	16°20'	25° 3'	21°46'	13°36'	22°41'	4°10'	3° 4'	21°40'	28°51'	F 17
S 18	9 51 31	29°21'29	4°D 14	7°D 23	10°27'	8°49'	16°28'	25°10'	21°49'	13°34'	22°42'	4°12'	3° 1'	21°47'	28°56'	S 18
S 19	9 55 27	0°X 21'54	16°13'	7°29'	11° 0'	8°30'	16°36'	25°17'	21°53'	13°33'	22°43'	4°14'	2°58'	21°53'	29° 1'	S 19
M 20	9 59 24	1°22'16	28° 5'	7°41'	11°31'	8°12'	16°43'	25°25'	21°56'	13°31'	22°44'	4°15'	2°55'	22° 0'	29° 5'	M 20
T 21	10 3 21	2°22'37	9°J 53	7°59'	12° 0'	7°55'	16°51'	25°32'	21°59'	13°30'	22°45'	4°R15	2°51'	22° 7'	29°10'	T 21
W 22	10 7 17	3°22'55	21°41'	8°23'	12°28'	7°38'	16°58'	25°39'	22° 3'	13°28'	22°46'	4°13'	2°48'	22°13'	29°15'	W 22
T 23	10 11 14	4°23'12	3°J 30	8°51'	12°55'	7°22'	17° 6'	25°46'	22° 6'	13°26'	22°47'	4°10'	2°45'	22°20'	29°19'	T 23
F 24	10 15 10	5°23'27	15°23'	9°25'	13°19'	7° 7'	17°13'	25°53'	22° 9'	13°25'	22°48'	4° 6'	2°42'	22°26'	29°24'	F 24
S 25	10 19 7	6°23'41	27°21'	10° 3'	13°42'	6°52'	17°19'	26° 1'	22°12'	13°23'	22°49'	4° 0'	2°39'	22°33'	29°28'	S 25
S 26	10 23 3	7°23'53	9°J 26	10°45'	14° 3'	6°38'	17°26'	26° 8'	22°16'	13°22'	22°50'	3°54'	2°35'	22°40'	29°32'	S 26
M 27	10 27 0	8°24'03	21°41'	11°31'	14°22'	6°25'	17°33'	26°15'	22°19'	13°20'	22°51'	3°48'	2°32'	22°46'	29°37'	M 27
T 28	10 30 56	9°X 24'11	4°M 6	12°20'	14°Y 38	6°J 13	17°X 39	26°32'	22°X 22	13°J 19	22°X 52	3°J 43	2°J 29	22°J 53	29°J 41	T 28

Delta T = 18.32 sec

Greg. Calendar

## ASTRODIENST EPHEMERIS for the year 1758

geocentric

MARCH 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 53	10 <sup>h</sup> 24'18"	16 <sup>m</sup> 45"	13 <sup>s</sup> 13"	14 <sup>h</sup> 53'	6 <sup>h</sup> R 1	17 <sup>h</sup> 46'	26 <sup>h</sup> 29'	22 <sup>h</sup> 26'	13 <sup>h</sup> R17	22 <sup>h</sup> 53'	3 <sup>h</sup> R39	2 <sup>h</sup> 26'	23 <sup>h</sup> 0'	29 <sup>h</sup> 45'	W 1
T 2	10 38 49	11 <sup>h</sup> 24'23"	29 <sup>m</sup> 40"	14 <sup>s</sup> 9"	15 <sup>h</sup> 6'	5 <sup>h</sup> 20'	17 <sup>h</sup> 52'	26 <sup>h</sup> 36'	22 <sup>h</sup> 29'	13 <sup>h</sup> R16	22 <sup>h</sup> 54'	3 <sup>h</sup> 236	2 <sup>h</sup> 23'	23 <sup>h</sup> 6'	29 <sup>h</sup> 50'	T 2
F 3	10 42 46	12 <sup>h</sup> 24'27"	12 <sup>m</sup> 54"	15 <sup>s</sup> 8"	15 <sup>h</sup> 16'	5 <sup>h</sup> 40'	17 <sup>h</sup> 58'	26 <sup>h</sup> 43'	22 <sup>h</sup> 33'	13 <sup>h</sup> 14	22 <sup>h</sup> 54'	3 <sup>h</sup> D36	2 <sup>h</sup> 20'	23 <sup>h</sup> 13'	29 <sup>h</sup> 54'	F 3
S 4	10 46 43	13 <sup>h</sup> 24'29"	26 <sup>m</sup> 29"	16 <sup>s</sup> 9"	15 <sup>h</sup> 25'	5 <sup>h</sup> 31'	18 <sup>h</sup> 4'	26 <sup>h</sup> 50'	22 <sup>h</sup> 36'	13 <sup>h</sup> 13	22 <sup>h</sup> 55'	3 <sup>h</sup> 36	2 <sup>h</sup> 16'	23 <sup>h</sup> 20'	29 <sup>h</sup> 58'	S 4
S 5	10 50 39	14 <sup>h</sup> 24'30"	10 <sup>m</sup> 36"	17 <sup>s</sup> 13"	15 <sup>h</sup> 31'	5 <sup>h</sup> 22'	18 <sup>h</sup> 9'	26 <sup>h</sup> 57'	22 <sup>h</sup> 39'	13 <sup>h</sup> 12	22 <sup>h</sup> 56'	3 <sup>h</sup> 38	2 <sup>h</sup> 13'	23 <sup>h</sup> 26'	0 <sup>h</sup> 22'	S 5
M 6	10 54 36	15 <sup>h</sup> 24'29"	24 <sup>m</sup> 47"	18 <sup>s</sup> 19"	15 <sup>h</sup> 34'	5 <sup>h</sup> 14'	18 <sup>h</sup> 15'	27 <sup>h</sup> 4'	22 <sup>h</sup> 43'	13 <sup>h</sup> 10	22 <sup>h</sup> 56'	3 <sup>h</sup> 39	2 <sup>h</sup> 10'	23 <sup>h</sup> 33'	0 <sup>h</sup> 6'	M 6
T 7	10 58 32	16 <sup>h</sup> 24'26"	9 <sup>m</sup> 30"	19 <sup>s</sup> 28"	15 <sup>h</sup> R36	5 <sup>h</sup> 7'	18 <sup>h</sup> 20'	27 <sup>h</sup> 11'	22 <sup>h</sup> 46'	13 <sup>h</sup> 9'	22 <sup>h</sup> 57'	3 <sup>h</sup> R39	2 <sup>h</sup> 7'	23 <sup>h</sup> 40'	0 <sup>h</sup> 10'	T 7
W 8	11 2 29	17 <sup>h</sup> 24'21"	24 <sup>m</sup> 28"	20 <sup>s</sup> 38"	15 <sup>h</sup> 34'	5 <sup>h</sup> 1'	18 <sup>h</sup> 26'	27 <sup>h</sup> 18'	22 <sup>h</sup> 50'	13 <sup>h</sup> 8'	22 <sup>h</sup> 58'	3 <sup>h</sup> 37	2 <sup>h</sup> 4'	23 <sup>h</sup> 46'	0 <sup>h</sup> 14'	W 8
T 9	11 6 25	18 <sup>h</sup> 24'15"	9 <sup>m</sup> 36"	21 <sup>s</sup> 51"	15 <sup>h</sup> 31'	4 <sup>h</sup> 56'	18 <sup>h</sup> 31'	27 <sup>h</sup> 25'	22 <sup>h</sup> 53'	13 <sup>h</sup> 6'	22 <sup>h</sup> 58'	3 <sup>h</sup> 33	2 <sup>h</sup> 1'	23 <sup>h</sup> 53'	0 <sup>h</sup> 18'	T 9
F 10	11 10 22	19 <sup>h</sup> 24'07"	24 <sup>m</sup> 44"	23 <sup>s</sup> 5"	15 <sup>h</sup> 25'	4 <sup>h</sup> 51'	18 <sup>h</sup> 36'	27 <sup>h</sup> 32'	22 <sup>h</sup> 57'	13 <sup>h</sup> 5'	22 <sup>h</sup> 59'	3 <sup>h</sup> 28	1 <sup>h</sup> 57'	24 <sup>h</sup> 0'	0 <sup>h</sup> 22'	F 10
S 11	11 14 18	20 <sup>h</sup> 23'56"	9 <sup>m</sup> 42"	24 <sup>s</sup> 21"	15 <sup>h</sup> 16'	4 <sup>h</sup> 47'	18 <sup>h</sup> 40'	27 <sup>h</sup> 39'	23 <sup>h</sup> 0'	13 <sup>h</sup> 4'	22 <sup>h</sup> 59'	3 <sup>h</sup> 20	1 <sup>h</sup> 54'	24 <sup>h</sup> 6'	0 <sup>h</sup> 26'	S 11
S 12	11 18 15	21 <sup>h</sup> 23'44"	24 <sup>m</sup> 21"	25 <sup>s</sup> 39"	15 <sup>h</sup> 5'	4 <sup>h</sup> 44'	18 <sup>h</sup> 45'	27 <sup>h</sup> 46'	23 <sup>h</sup> 3'	13 <sup>h</sup> 2'	23 <sup>h</sup> 0'	3 <sup>h</sup> 13	1 <sup>h</sup> 51'	24 <sup>h</sup> 13'	0 <sup>h</sup> 30'	S 12
M13	11 22 12	22 <sup>h</sup> 23'29"	8 <sup>m</sup> 34"	26 <sup>s</sup> 59"	14 <sup>h</sup> 51'	4 <sup>h</sup> 42'	18 <sup>h</sup> 49'	27 <sup>h</sup> 53'	23 <sup>h</sup> 7'	13 <sup>h</sup> 1'	23 <sup>h</sup> 0'	3 <sup>h</sup> 6'	1 <sup>h</sup> 48'	24 <sup>h</sup> 20'	0 <sup>h</sup> 34'	M13
T 14	11 26 8	23 <sup>h</sup> 23'13"	22 <sup>m</sup> 19"	28 <sup>s</sup> 20"	14 <sup>h</sup> 35'	4 <sup>h</sup> 41'	18 <sup>h</sup> 53'	28 <sup>h</sup> 0'	23 <sup>h</sup> 10'	13 <sup>h</sup> 0'	23 <sup>h</sup> 1'	3 <sup>h</sup> 0'	1 <sup>h</sup> 45'	24 <sup>h</sup> 26'	0 <sup>h</sup> 37'	T 14
W15	11 30 5	24 <sup>h</sup> 22'54"	5 <sup>m</sup> 35"	29 <sup>s</sup> 43"	14 <sup>h</sup> 17'	4 <sup>h</sup> D40	18 <sup>h</sup> 58'	28 <sup>h</sup> 6'	23 <sup>h</sup> 14'	12 <sup>h</sup> 59'	23 <sup>h</sup> 1'	2 <sup>h</sup> 56'	1 <sup>h</sup> 41'	24 <sup>h</sup> 33'	0 <sup>h</sup> 41'	W15
T 16	11 34 1	25 <sup>h</sup> 22'32"	18 <sup>m</sup> 24"	1 <sup>h</sup> 8'	13 <sup>h</sup> 56'	4 <sup>h</sup> 40'	19 <sup>h</sup> 1'	28 <sup>h</sup> 13'	23 <sup>h</sup> 17'	12 <sup>h</sup> 58'	23 <sup>h</sup> 1'	2 <sup>h</sup> 54'	1 <sup>h</sup> 38'	24 <sup>h</sup> 40'	0 <sup>h</sup> 44'	T 16
F 17	11 37 58	26 <sup>h</sup> 22'09"	0 <sup>m</sup> 50"	2 <sup>s</sup> 33"	13 <sup>h</sup> 33'	4 <sup>h</sup> 41'	19 <sup>h</sup> 5'	28 <sup>h</sup> 20'	23 <sup>h</sup> 21'	12 <sup>h</sup> 56'	23 <sup>h</sup> 2'	2 <sup>h</sup> D54	1 <sup>h</sup> 35'	24 <sup>h</sup> 46'	0 <sup>h</sup> 48'	F 17
S 18	11 41 54	27 <sup>h</sup> 21'43"	12 <sup>m</sup> 59"	4 <sup>s</sup> 1'	13 <sup>h</sup> 7'	4 <sup>h</sup> 42'	19 <sup>h</sup> 9'	28 <sup>h</sup> 27'	23 <sup>h</sup> 24'	12 <sup>h</sup> 55'	23 <sup>h</sup> 2'	2 <sup>h</sup> 55'	1 <sup>h</sup> 32'	24 <sup>h</sup> 53'	0 <sup>h</sup> 51'	S 18
S 19	11 45 51	28 <sup>h</sup> 21'15"	24 <sup>m</sup> 56"	5 <sup>s</sup> 29"	12 <sup>h</sup> 40'	4 <sup>h</sup> 44'	19 <sup>h</sup> 12'	28 <sup>h</sup> 33'	23 <sup>h</sup> 27'	12 <sup>h</sup> 54'	23 <sup>h</sup> 2'	2 <sup>h</sup> 56'	1 <sup>h</sup> 29'	25 <sup>h</sup> 0'	0 <sup>h</sup> 55'	S 19
M20	11 49 47	29 <sup>h</sup> 20'44"	6 <sup>m</sup> 24"	7 <sup>s</sup> 0'	12 <sup>h</sup> 10'	4 <sup>h</sup> 47'	19 <sup>h</sup> 15'	28 <sup>h</sup> 40'	23 <sup>h</sup> 31'	12 <sup>h</sup> 53'	23 <sup>h</sup> 2'	2 <sup>h</sup> R56	1 <sup>h</sup> 26'	25 <sup>h</sup> 6'	0 <sup>h</sup> 58'	M20
T 21	11 53 44	0 <sup>h</sup> 20'11"	18 <sup>m</sup> 31"	8 <sup>s</sup> 31"	11 <sup>h</sup> 39'	4 <sup>h</sup> 51'	19 <sup>h</sup> 18'	28 <sup>h</sup> 46'	23 <sup>h</sup> 34'	12 <sup>h</sup> 52'	23 <sup>h</sup> 2'	2 <sup>h</sup> 54'	1 <sup>h</sup> 22'	25 <sup>h</sup> 13'	1 <sup>h</sup> 2'	T 21
W22	11 57 41	1 <sup>h</sup> 19'36"	0 <sup>m</sup> 19"	10 <sup>s</sup> 4'	11 <sup>h</sup> 6'	4 <sup>h</sup> 55'	19 <sup>h</sup> 21'	28 <sup>h</sup> 53'	23 <sup>h</sup> 38'	12 <sup>h</sup> 51'	23 <sup>h</sup> 3'	2 <sup>h</sup> 51'	1 <sup>h</sup> 19'	25 <sup>h</sup> 20'	1 <sup>h</sup> 5'	W22
T 23	12 1 37	2 <sup>h</sup> 18'59"	12 <sup>m</sup> 12"	11 <sup>s</sup> 38"	10 <sup>h</sup> 32'	5 <sup>h</sup> 0'	19 <sup>h</sup> 24'	28 <sup>h</sup> 59'	23 <sup>h</sup> 41'	12 <sup>h</sup> 50'	23 <sup>h</sup> 3'	2 <sup>h</sup> 44'	1 <sup>h</sup> 16'	25 <sup>h</sup> 26'	1 <sup>h</sup> 8'	T 23
F 24	12 5 34	3 <sup>h</sup> 18'20"	24 <sup>m</sup> 12"	13 <sup>s</sup> 14"	9 <sup>h</sup> 57'	5 <sup>h</sup> 6'	19 <sup>h</sup> 26'	29 <sup>h</sup> 6'	23 <sup>h</sup> 44'	12 <sup>h</sup> 49'	23 <sup>h</sup> 3'	2 <sup>h</sup> 36'	1 <sup>h</sup> 13'	25 <sup>h</sup> 33'	1 <sup>h</sup> 11'	F 24
S 25	12 9 30	4 <sup>h</sup> 17'38"	6 <sup>m</sup> 20"	14 <sup>s</sup> 51"	9 <sup>h</sup> 20'	5 <sup>h</sup> 12'	19 <sup>h</sup> 28'	29 <sup>h</sup> 12'	23 <sup>h</sup> 48'	12 <sup>h</sup> 48'	23 <sup>h</sup> 3'	2 <sup>h</sup> 25'	1 <sup>h</sup> 10'	25 <sup>h</sup> 39'	1 <sup>h</sup> 14'	S 25
S 26	12 13 27	5 <sup>h</sup> 16'55"	18 <sup>m</sup> 39"	16 <sup>s</sup> 30"	8 <sup>h</sup> 43'	5 <sup>h</sup> 19'	19 <sup>h</sup> 30'	29 <sup>h</sup> 19'	23 <sup>h</sup> 51'	12 <sup>h</sup> 47'	23 <sup>h</sup> R 3	2 <sup>h</sup> 13'	1 <sup>h</sup> 6'	25 <sup>h</sup> 46'	1 <sup>h</sup> 17'	S 26
M27	12 17 23	6 <sup>h</sup> 16'09"	1 <sup>m</sup> 8'	18 <sup>s</sup> 10"	8 <sup>h</sup> 5'	5 <sup>h</sup> 26'	19 <sup>h</sup> 32'	29 <sup>h</sup> 25'	23 <sup>h</sup> 55'	12 <sup>h</sup> 46'	23 <sup>h</sup> 3'	2 <sup>h</sup> 2'	1 <sup>h</sup> 3'	25 <sup>h</sup> 53'	1 <sup>h</sup> 20'	M27
T 28	12 21 20	7 <sup>h</sup> 15'22"	13 <sup>m</sup> 48"	19 <sup>s</sup> 51"	7 <sup>h</sup> 27'	5 <sup>h</sup> 34'	19 <sup>h</sup> 34'	29 <sup>h</sup> 31'	23 <sup>h</sup> 58'	12 <sup>h</sup> 46'	23 <sup>h</sup> 3'	1 <sup>h</sup> 51'	1 <sup>h</sup> 0'	25 <sup>h</sup> 59'	1 <sup>h</sup> 23'	T 28
W29	12 25 16	8 <sup>h</sup> 14'33"	26 <sup>m</sup> 40"	21 <sup>s</sup> 33"	6 <sup>h</sup> 50'	5 <sup>h</sup> 43'	19 <sup>h</sup> 36'	29 <sup>h</sup> 37'	24 <sup>h</sup> 1'	12 <sup>h</sup> 45'	23 <sup>h</sup> 3'	1 <sup>h</sup> 42'	0 <sup>h</sup> 57'	26 <sup>h</sup> 6'	1 <sup>h</sup> 26'	W29
T 30	12 29 13	9 <sup>h</sup> 13'42"	9 <sup>m</sup> 44"	23 <sup>s</sup> 17"	6 <sup>h</sup> 12'	5 <sup>h</sup> 52'	19 <sup>h</sup> 37'	29 <sup>h</sup> 43'	24 <sup>h</sup> 5'	12 <sup>h</sup> 44'	23 <sup>h</sup> 3'	1 <sup>h</sup> 36'	0 <sup>h</sup> 54'	26 <sup>h</sup> 13'	1 <sup>h</sup> 29'	T 30
F 31	12 33 9	10 <sup>h</sup> 12'49"	23 <sup>m</sup> 2'	25 <sup>s</sup> 3'	5 <sup>h</sup> 35'	6 <sup>h</sup> 2	19 <sup>h</sup> 38'	29 <sup>h</sup> 50'	24 <sup>h</sup> 8'	12 <sup>h</sup> 43'	23 <sup>h</sup> 2'	1 <sup>h</sup> 33'	0 <sup>h</sup> 51'	26 <sup>h</sup> 19'	1 <sup>h</sup> 31'	F 31

Delta T = 18.34 sec

Greg. Calendar

APRIL 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 6	11°11'54	6°34	26°50	4°R59	6°13	19°39	29°56	24°11	12°R43	23°R 2	1°D31	0°47	26°26	1°34	S 1	
S 2	12 41 3	12°10'58	20°24	28°38	4°Y23	6°24	19°40	0°2	24°15	12°42	23°2	1°32	0°44	26°33	1°37	S 2	
M 3	12 44 59	13°10'00	4°30	0°Y28	3°49	6°35	19°41	0°8	24°18	12°41	23°2	1°R32	0°41	26°39	1°39	M 3	
T 4	12 48 56	14°9'00	18°53	2°19	3°17	6°47	19°41	0°14	24°21	12°41	23°1	1°31	0°38	26°46	1°42	T 4	
W 5	12 52 52	15°7'58	3°31	4°12	2°45	7°0	19°41	0°19	24°24	12°40	23°1	1°28	0°35	26°53	1°44	W 5	
T 6	12 56 49	16°6'55	18°18	6°6	2°16	7°13	19°R41	0°25	24°28	12°39	23°1	1°22	0°32	26°59	1°46	T 6	
F 7	13 0 45	17°5'49	3°Y 8	8°1	1°49	7°26	19°41	0°31	24°31	12°39	23°0	1°13	0°28	27°6	1°49	F 7	
S 8	13 4 42	18°4'42	17°53	9°58	1°24	7°40	19°41	0°37	24°34	12°38	23°0	1°2	0°25	27°13	1°51	S 8	
S 9	13 8 38	19°3'33	2°25	11°57	1°0	7°55	19°40	0°42	24°37	12°38	23°0	0°51	0°22	27°19	1°53	S 9	
M10	13 12 35	20°2'21	16°35	13°56	0°40	8°10	19°40	0°48	24°41	12°37	22°59	0°40	0°19	27°26	1°55	M10	
T 11	13 16 32	21°1'08	0°21	15°58	0°21	8°26	19°39	0°53	24°44	12°37	22°59	0°30	0°16	27°33	1°57	T 11	
W12	13 20 28	21°59'52	13°40	18°0	0°5	8°42	19°38	0°59	24°47	12°37	22°58	0°23	0°12	27°39	1°59	W12	
T 13	13 24 25	22°58'35	26°32	20°4	29°51	8°58	19°36	1°4	24°50	12°36	22°58	0°18	0°9	27°46	2°1	T 13	
F 14	13 28 21	23°57'15	9°2	22°8	29°39	9°15	19°35	1°10	24°53	12°36	22°57	0°16	0°6	27°53	2°3	F 14	
S 15	13 32 18	24°55'53	21°13	24°14	29°31	9°32	19°33	1°15	24°56	12°36	22°56	0°15	0°3	27°59	2°4	S 15	
S 16	13 36 14	25°54'28	3°11	26°21	29°24	9°50	19°31	1°20	24°59	12°35	22°56	0°15	29°59	28°6	2°6	S 16	
M17	13 40 11	26°53'02	15°1	28°28	29°20	10°8	19°29	1°25	25°2	12°35	22°55	0°15	29°57	28°13	2°7	M17	
T 18	13 44 7	27°51'33	26°49	0°36	29°D18	10°27	19°27	1°30	25°5	12°35	22°54	0°13	29°53	28°19	2°9	T 18	
W19	13 48 4	28°50'02	8°39	2°44	29°19	10°45	19°25	1°35	25°8	12°35	22°54	0°8	29°50	28°26	2°10	W19	
T 20	13 52 1	29°48'29	20°36	4°52	29°22	11°5	19°22	1°40	25°11	12°35	22°53	0°1	29°47	28°33	2°12	T 20	
F 21	13 55 57	0°46'53	2°43	6°59	29°27	11°24	19°20	1°45	25°14	12°35	22°52	29°51	29°44	28°39	2°13	F 21	
S 22	13 59 54	1°45'16	15°3	9°6	29°35	11°44	19°17	1°50	25°17	12°34	22°51	29°39	29°41	28°46	2°14	S 22	
S 23	14 3 50	2°43'37	27°36	11°13	29°44	12°5	19°14	1°54	25°20	12°D34	22°50	29°26	29°38	28°53	2°15	S 23	
M24	14 7 47	3°41'56	10°23	13°18	29°56	12°25	19°10	1°59	25°23	12°34	22°50	29°13	29°34	28°59	2°16	M24	
T 25	14 11 43	4°40'14	23°22	15°21	0°Y10	12°46	19°7	2°4	25°26	12°34	22°49	29°1	29°31	29°6	2°17	T 25	
W26	14 15 40	5°38'29	6°35	17°23	0°26	13°8	19°3	2°8	25°29	12°35	22°48	28°51	29°28	29°13	2°18	W26	
T 27	14 19 36	6°36'43	19°58	19°22	0°44	13°29	19°0	2°13	25°31	12°35	22°47	28°44	29°25	29°19	2°19	T 27	
F 28	14 23 33	7°34'56	3°31	21°20	1°4	13°51	18°56	2°17	25°34	12°35	22°46	28°40	29°22	29°26	2°20	F 28	
S 29	14 27 30	8°33'07	17°13	23°14	1°25	14°14	18°52	2°21	25°37	12°35	22°45	28°38	29°18	29°33	2°21	S 29	
S 30	14 31 26	9°31'16	1°6	25°8	1°Y49	14°36	18°47	2°25	25°40	12°35	22°44	28°D37	29°15	29°39	2°21	S 30	

## ASTRODIENST EPHEMERIS for the year 1758

geocentric

MAY 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 23	10♌29'25	15♋7	26♌55	2♑14	14♏59	18°R43	2♌30	25♌42	12♏35	22°R43	28°R37	29♌12	29♏46	2♌22	M 1
T 2	14 39 19	11°27'31	29°18	28°40	2°40	15°22	18♌38	2°34	25°45	12°36	22♌42	28♌37	29°9	29°53	2°22	T 2
W 3	14 43 16	12°25'37	13♌37	0♏23	3°9	15°46	18°34	2°38	25°48	12°36	22°41	28°34	29°6	29°59	2°23	W 3
T 4	14 47 12	13°23'40	28°1	2°1	3°39	16°10	18°29	2°42	25°50	12°36	22°40	28°28	29°3	0♏6	2°23	T 4
F 5	14 51 9	14°21'43	12♑26	3°36	4°10	16°34	18°24	2°45	25°53	12°37	22°38	28°20	28°59	0°13	2°23	F 5
S 6	14 55 5	15°19'44	26°47	5°8	4°42	16°58	18°18	2°49	25°55	12°37	22°37	28°10	28°56	0°19	2°24	S 6
S 7	14 59 2	16°17'43	10♌57	6°36	5°16	17°23	18°13	2°53	25°58	12°38	22°36	27°59	28°53	0°26	2°24	S 7
M 8	15 2 59	17°15'42	24°51	7°59	5°52	17°48	18°8	2°56	26°0	12°38	22°35	27°48	28°50	0°33	2°R24	M 8
T 9	15 6 55	18°13'38	8♏25	9°19	6°28	18°13	18°2	3°0	26°2	12°39	22°34	27°38	28°47	0°39	2°24	T 9
W10	15 10 52	19°11'33	21°37	10°35	7°6	18°38	17°56	3°3	26°5	12°39	22°32	27°31	28°43	0°46	2°24	W10
T 11	15 14 48	20°9'26	4♌26	11°47	7°45	19°4	17°50	3°6	26°7	12°40	22°31	27°26	28°40	0°53	2°23	T 11
F 12	15 18 45	21°7'18	16°55	12°55	8°25	19°30	17°44	3°10	26°9	12°40	22°30	27°24	28°37	0°59	2°23	F 12
S 13	15 22 41	22°5'08	29°7	13°59	9°5	19°56	17°38	3°13	26°12	12°41	22°29	27°D23	28°34	1°6	2°23	S 13
S 14	15 26 38	23°2'56	11♏7	14°59	9°47	20°22	17°32	3°16	26°14	12°42	22°27	27°24	28°31	1°13	2°22	S 14
M15	15 30 34	24°0'42	22°58	15°54	10°30	20°49	17°26	3°19	26°16	12°42	22°26	27°R24	28°28	1°19	2°22	M15
T 16	15 34 31	24°58'27	4♏48	16°45	11°14	21°15	17°19	3°22	26°18	12°43	22°25	27°24	28°24	1°26	2°21	T 16
W17	15 38 28	25°56'10	16°40	17°32	11°59	21°42	17°13	3°24	26°20	12°44	22°23	27°22	28°21	1°33	2°21	W17
T 18	15 42 24	26°53'52	28°41	18°14	12°45	22°9	17°6	3°27	26°23	12°44	22°22	27°17	28°18	1°39	2°20	T 18
F 19	15 46 21	27°51'32	10♌53	18°52	13°31	22°37	16°59	3°30	26°25	12°45	22°21	27°10	28°15	1°46	2°19	F 19
S 20	15 50 17	28°49'10	23°21	19°25	14°18	23°5	16°52	3°32	26°27	12°46	22°19	27°2	28°12	1°53	2°19	S 20
S 21	15 54 14	29°46'47	6♏6	19°53	15°6	23°32	16°45	3°34	26°29	12°47	22°18	26°52	28°9	1°59	2°18	S 21
M22	15 58 10	0♏44'23	19°9	20°17	15°55	24°0	16°38	3°37	26°30	12°48	22°16	26°43	28°5	2°6	2°17	M22
T 23	16 2 7	1°41'57	2♌28	20°36	16°45	24°29	16°31	3°39	26°32	12°49	22°15	26°34	28°2	2°13	2°16	T 23
W24	16 6 3	2°39'31	16°3	20°50	17°35	24°57	16°24	3°41	26°34	12°50	22°14	26°26	27°59	2°19	2°15	W24
T 25	16 10 0	3°37'03	29°50	21°0	18°26	25°26	16°17	3°43	26°36	12°51	22°12	26°21	27°56	2°26	2°14	T 25
F 26	16 13 57	4°34'34	13♌47	21°5	19°17	25°54	16°10	3°45	26°38	12°52	22°11	26°19	27°53	2°33	2°12	F 26
S 27	16 17 53	5°32'05	27°50	21°R 5	20°9	26°23	16°2	3°47	26°39	12°53	22°9	26°D18	27°49	2°39	2°11	S 27
S 28	16 21 50	6°29'35	11♌58	21°1	21°2	26°52	15°55	3°49	26°41	12°54	22°8	26°19	27°46	2°46	2°10	S 28
M29	16 25 46	7°27'03	26°7	20°52	21°55	27°22	15°47	3°50	26°43	12°55	22°6	26°20	27°43	2°53	2°8	M29
T 30	16 29 43	8°24'31	10♌17	20°39	22°49	27°51	15°40	3°52	26°44	12°56	22°5	26°R20	27°40	2°59	2°7	T 30
W31	16 33 39	9♏21'59	24♌27	20♏23	23♑44	28♏21	15♌32	3♌53	26♌46	12♏57	22♌3	26♌19	27♌37	3♏6	2♌5	W31

Delta T = 18.39 sec

Greg. Calendar

JUNE 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 36	10♏19'25	8♑33	20°R 2	24♑39	28♏51	15°R25	3♌55	26♌47	12♏59	22°R 2	26°R16	27♌34	3♏13	2°R 4	T 1
F 2	16 41 32	11°16'51	22°35	19♏39	25°34	29°21	15♌17	3°56	26°49	13°0	22♌0	26♌11	27°30	3°19	2♌2	F 2
S 3	16 45 29	12°14'16	6♌29	19°12	26°30	29°51	15°10	3°57	26°50	13°1	21°58	26°5	27°27	3°26	2°0	S 3
S 4	16 49 26	13°11'41	20°12	18°43	27°26	0♏21	15°2	3°58	26°52	13°2	21°57	25°58	27°24	3°33	1°58	S 4
M 5	16 53 22	14°9'05	3♏42	18°12	28°23	0°51	14°54	3°59	26°53	13°4	21°55	25°52	27°21	3°39	1°57	M 5
T 6	16 57 19	15°6'28	16°55	17°40	29°20	1°22	14°47	4°0	26°54	13°5	21°54	25°46	27°18	3°46	1°55	T 6
W 7	17 1 15	16°3'51	29°52	17°6	0♏18	1°53	14°39	4°1	26°55	13°6	21°52	25°41	27°15	3°53	1°53	W 7
T 8	17 5 12	17°1'13	12♌31	16°33	1°16	2°24	14°2	4°2	26°57	13°8	21°51	25°39	27°11	3°59	1°51	T 8
F 9	17 9 8	17°58'33	24°53	15°59	2°14	2°55	14°24	4°2	26°58	13°9	21°49	25°D38	27°8	4°6	1°48	F 9
S 10	17 13 5	18°55'53	7♏2	15°27	3°13	3°26	14°16	4°3	26°59	13°11	21°48	25°38	27°5	4°13	1°46	S 10
S 11	17 17 1	19°53'12	19°0	14°56	4°12	3°57	14°9	4°3	27°0	13°12	21°46	25°40	27°2	4°19	1°44	S 11
M12	17 20 58	20°50'30	0♏52	14°26	5°12	4°29	14°1	4°3	27°1	13°14	21°44	25°41	26°59	4°26	1°42	M12
T 13	17 24 55	21°47'48	12°42	13°59	6°11	5°1	13°53	4°3	27°2	13°15	21°43	25°43	26°55	4°33	1°40	T 13
W14	17 28 51	22°45'04	24°36	13°35	7°11	5°32	13°46	4°R 3	27°3	13°17	21°41	25°R43	26°52	4°39	1°37	W14
T 15	17 32 48	23°42'20	6♌37	13°15	8°12	6°4	13°38	4°3	27°4	13°18	21°40	25°42	26°49	4°46	1°35	T 15
F 16	17 36 44	24°39'34	18°51	12°57	9°13	6°36	13°31	4°3	27°4	13°20	21°38	25°40	26°46	4°53	1°32	F 16
S 17	17 40 41	25°36'49	1♏22	12°44	10°14	7°8	13°24	4°3	27°5	13°21	21°37	25°37	26°43	4°59	1°30	S 17
S 18	17 44 37	26°34'02	14°13	12°35	11°15	7°41	13°16	4°3	27°6	13°23	21°35	25°33	26°40	5°6	1°27	S 18
M19	17 48 34	27°31'15	27°25	12°30	12°17	8°13	13°9	4°2	27°6	13°25	21°33	25°28	26°36	5°13	1°25	M19
T 20	17 52 30	28°28'27	10♌59	12°D30	13°18	8°46	13°2	4°2	27°7	13°26	21°32	25°24	26°33	5°19	1°22	T 20
W21	17 56 27	29°25'40	24°53	12°35	14°21	9°18	12°55	4°1	27°8	13°28	21°30	25°21	26°30	5°26	1°19	W21
T 22	18 0 24	0♏22'51	9♌3	12°44	15°23	9°51	12°48	4°1	27°8	13°30	21°29	25°19	26°27	5°33	1°16	T 22
F 23	18 4 20	1°20'03	23°25	12°58	16°26	10°24	12°41	4°0	27°9	13°31	21°27	25°D18	26°24	5°40	1°14	F 23
S 24	18 8 17	2°17'14	7♌54	13°17	17°29	10°57	12°34	3°59	27°9	13°33	21°26	25°19	26°21	5°46	1°11	S 24
S 25	18 12 13	3°14'25	22°25	13°40	18°32	11°30	12°27	3°58	27°9	13°35	21°24	25°20	26°17	5°53	1°8	S 25
M26	18 16 10	4°11'37	6♌53	14°9	19°35	12°4	12°21	3°57	27°10	13°37	21°23	25°21	26°14	6°0	1°5	M26
T 27	18 20 6	5°8'48	21°13	14°42	20°39	12°37	12°14	3°56	27°10	13°39	21°21	25°22	26°11	6°6	1°2	T 27
W28	18 24 3	6°5'59	5♑24	15°19	21°43	13°11	12°8	3°54	27°10	13°40	21°20	25°R23	26°8	6°13	0°59	W28
T 29	18 27 59	7°3'11	19°24	16°2	22°47	13°44	12°1	3°53	27°10	13°42	21°18	25°22	26°5	6°20	0°56	T 29
F 30	18 31 56	8♌0'23	3♌10	16♏49	23♌51	14♏18	11♌55	3♌52	27♌11	13♏44	21♌17	25♌21	26♌1	6♏26	0♌53	F 30

Delta T = 18.41 sec

Greg. Calendar

## ASTRODIENST EPHEMERIS for the year 1758

geocentric

JULY 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 53	8°57'35	16°43	17°40	24°55	14°52	11°R49	3°R50	27°H11	13°L46	21°R15	25°R19	25°58	6°33	0°R50	S 1
S 2	18 39 49	9°54'48	0°II 2	18°37	26° 0	15°26	11°43	3°H48	27°R11	13°48	21°14	25°17	25°55	6°40	0°47	S 2
M 3	18 43 46	10°52'01	13° 7	19°37	27° 5	16° 0	11°37	3°47	27°11	13°50	21°12	25°15	25°52	6°46	0°44	M 3
T 4	18 47 42	11°49'14	25°58	20°42	28°10	16°34	11°31	3°45	27°11	13°52	21°11	25°13	25°49	6°53	0°40	T 4
W 5	18 51 39	12°46'27	8°53	21°51	29°15	17° 8	11°26	3°43	27°11	13°54	21° 9	25°12	25°46	7° 0	0°37	W 5
T 6	18 55 35	13°43'40	20°59	23° 4	0°II21	17°43	11°20	3°41	27°10	13°56	21° 8	25°D12	25°42	7° 6	0°34	T 6
F 7	18 59 32	14°40'54	3°L11	24°22	1°26	18°17	11°15	3°39	27°10	13°58	21° 6	25°12	25°39	7°13	0°31	F 7
S 8	19 3 29	15°38'07	15°14	25°44	2°32	18°52	11°10	3°36	27°10	14° 0	21° 5	25°12	25°36	7°20	0°27	S 8
S 9	19 7 25	16°35'21	27° 9	27° 9	3°38	19°27	11° 5	3°34	27°10	14° 2	21° 4	25°13	25°33	7°26	0°24	S 9
M10	19 11 22	17°32'35	8°59	28°39	4°44	20° 1	11° 0	3°32	27° 9	14° 4	21° 2	25°14	25°30	7°33	0°21	M10
T 11	19 15 18	18°29'48	20°49	0°513	5°50	20°36	10°55	3°29	27° 9	14° 6	21° 1	25°15	25°27	7°40	0°17	T 11
W12	19 19 15	19°27'02	2°42	1°50	6°57	21°11	10°50	3°27	27° 8	14° 8	21° 0	25°15	25°23	7°46	0°14	W12
T 13	19 23 11	20°24'16	14°43	3°31	8° 3	21°47	10°46	3°24	27° 8	14°10	20°58	25°16	25°20	7°53	0°11	T 13
F 14	19 27 8	21°21'30	26°55	5°16	9°10	22°22	10°42	3°22	27° 7	14°12	20°57	25°R16	25°17	8° 0	0° 7	F 14
S 15	19 31 4	22°18'44	9°L25	7° 3	10°17	22°57	10°37	3°19	27° 7	14°14	20°56	25°15	25°14	8° 6	0° 4	S 15
S 16	19 35 1	23°15'59	22°15	8°54	11°24	23°33	10°33	3°16	27° 6	14°16	20°54	25°15	25°11	8°13	0° 0	S 16
M17	19 38 57	24°13'14	5°28	10°48	12°31	24° 8	10°30	3°13	27° 5	14°18	20°53	25°15	25° 7	8°20	29°57	M17
T 18	19 42 54	25°10'29	19° 6	12°45	13°38	24°44	10°26	3°10	27° 5	14°20	20°52	25°D15	25° 4	8°26	29°54	T 18
W19	19 46 51	26° 7'44	3°3	14°44	14°45	25°19	10°23	3° 7	27° 4	14°22	20°51	25°15	25° 1	8°33	29°50	W19
T 20	19 50 47	27° 5'00	17° 9	16°44	15°53	25°55	10°19	3° 4	27° 3	14°25	20°49	25°15	24°58	8°40	29°47	T 20
F 21	19 54 44	28° 2'17	2°17	18°47	17° 1	26°31	10°16	3° 0	27° 2	14°27	20°48	25°R15	24°55	8°47	29°43	F 21
S 22	19 58 40	28°59'34	17° 9	20°51	18° 8	27° 7	10°13	2°57	27° 1	14°29	20°47	25°15	24°52	8°53	29°40	S 22
S 23	20 2 37	29°56'52	2°H 5	22°56	19°16	27°43	10°10	2°54	27° 0	14°31	20°46	25°15	24°48	9° 0	29°36	S 23
M24	20 6 33	0°L54'10	16°56	25° 2	20°24	28°19	10° 8	2°50	26°59	14°33	20°45	25°14	24°45	9° 7	29°33	M24
T 25	20 10 30	1°51'30	1°Y35	27° 8	21°32	28°56	10° 5	2°47	26°58	14°35	20°44	25°13	24°42	9°13	29°29	T 25
W26	20 14 27	2°48'51	15°57	29°15	22°41	29°32	10° 3	2°43	26°57	14°38	20°43	25°13	24°39	9°20	29°26	W26
T 27	20 18 23	3°46'12	29°59	1°L21	23°49	0°L 8	10° 1	2°40	26°56	14°40	20°42	25°D13	24°36	9°27	29°23	T 27
F 28	20 22 20	4°43'35	13°B41	3°27	24°58	0°45	9°59	2°36	26°55	14°42	20°41	25°13	24°33	9°33	29°19	F 28
S 29	20 26 16	5°40'59	27° 2	5°33	26° 6	1°21	9°58	2°32	26°54	14°44	20°40	25°13	24°29	9°40	29°16	S 29
S 30	20 30 13	6°38'25	10°II 4	7°37	27°15	1°58	9°56	2°28	26°53	14°46	20°39	25°14	24°26	9°47	29°12	S 30
M31	20 34 9	7°L35'51	22°II50	9°L41	28°II24	2°L35	9°55	2°H25	26°H51	14°L49	20°38	25°15	24°23	9°53	29°9	M31

Delta T = 18.43 sec

Greg. Calendar

AUGUST 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 6	8°L33'19	5°52	11°L43	29°II33	3°L12	9°R54	2°R21	26°R50	14°L51	20°R37	25°516	24°520	10°0	29°R 6	T 1
W 2	20 42 2	9°30'48	17°42	13°45	0°542	3°49	9°53	2°H17	26°H49	14°53	20°36	25°17	24°17	10° 7	29°R 2	W 2
T 3	20 45 59	10°28'17	29°51	15°45	1°51	4°26	9°52	2°13	26°47	14°55	20°35	25°R17	24°13	10°13	28°59	T 3
F 4	20 49 56	11°25'48	11°L53	17°44	3° 1	5° 3	9°51	2° 9	26°46	14°57	20°34	25°16	24°10	10°20	28°55	F 4
S 5	20 53 52	12°23'20	23°48	19°41	4°10	5°40	9°51	2° 5	26°44	15° 0	20°33	25°15	24° 7	10°27	28°52	S 5
S 6	20 57 49	13°20'53	5°59	21°37	5°20	6°18	9°51	2° 0	26°43	15° 2	20°33	25°12	24° 4	10°33	28°49	S 6
M 7	21 1 45	14°18'27	17°29	23°31	6°29	6°55	9°D50	1°56	26°41	15° 4	20°32	25° 9	24° 1	10°40	28°46	M 7
T 8	21 5 42	15°16'02	29°19	25°24	7°39	7°33	9°51	1°52	26°40	15° 6	20°31	25° 6	23°58	10°47	28°42	T 8
W 9	21 9 38	16°13'38	11°L13	27°16	8°49	8°10	9°51	1°48	26°38	15° 9	20°30	25° 3	23°54	10°54	28°39	W 9
T 10	21 13 35	17°11'15	23°13	29° 6	9°59	8°48	9°52	1°43	26°36	15°11	20°30	25° 1	23°51	11° 0	28°36	T 10
F 11	21 17 31	18° 8'53	5°L25	0°54	11° 9	9°26	9°52	1°39	26°35	15°13	20°29	24°59	23°48	11° 7	28°33	F 11
S 12	21 21 28	19° 6'32	17°51	2°41	12°19	10° 3	9°53	1°35	26°33	15°15	20°28	24°D58	23°45	11°14	28°30	S 12
S 13	21 25 24	20° 4'11	0°L36	4°27	13°29	10°41	9°54	1°30	26°31	15°17	20°28	24°59	23°42	11°20	28°27	S 13
M14	21 29 21	21° 1'52	13°43	6°11	14°39	11°19	9°55	1°26	26°29	15°20	20°27	25° 0	23°39	11°27	28°23	M14
T 15	21 33 18	21°59'35	27°17	7°53	15°50	11°58	9°57	1°22	26°28	15°22	20°27	25° 1	23°35	11°34	28°20	T 15
W16	21 37 14	22°57'18	11°L18	9°35	17° 0	12°36	9°59	1°17	26°26	15°24	20°26	25° 3	23°32	11°40	28°17	W16
T 17	21 41 11	23°55'02	25°45	11°14	18°11	13°14	10° 0	1°13	26°24	15°26	20°26	25°R 3	23°29	11°47	28°14	T 17
F 18	21 45 7	24°52'48	10°L34	12°53	19°22	13°52	10° 2	1° 8	26°22	15°29	20°25	25° 3	23°26	11°54	28°12	F 18
S 19	21 49 4	25°50'35	25°40	14°30	20°32	14°31	10° 5	1° 4	26°20	15°31	20°25	25° 0	23°23	12° 0	28° 9	S 19
S 20	21 53 0	26°48'23	10°H54	16° 5	21°43	15° 9	10° 7	0°59	26°18	15°33	20°24	24°57	23°19	12° 7	28° 6	S 20
M21	21 56 57	27°46'13	26° 4	17°39	22°54	15°48	10° 9	0°55	26°16	15°35	20°24	24°52	23°16	12°14	28° 3	M21
T 22	22 0 53	28°44'04	11°Y 2	19°12	24° 5	16°26	10°12	0°50	26°14	15°37	20°24	24°48	23°13	12°21	28° 0	T 22
W23	22 4 50	29°41'57	25°40	20°44	25°16	17° 5	10°15	0°46	26°12	15°39	20°23	24°44	23°10	12°27	27°58	W23
T 24	22 8 47	0°39'52	9°B52	22°14	26°27	17°44	10°18	0°41	26°10	15°42	20°23	24°40	23° 7	12°34	27°55	T 24
F 25	22 12 43	1°37'49	23°38	23°42	27°39	18°23	10°21	0°36	26° 8	15°44	20°23	24°39	23° 4	12°41	27°52	F 25
S 26	22 16 40	2°35'48	6°II57	25°10	28°50	19° 2	10°25	0°32	26° 5	15°46	20°23	24°D38	23° 0	12°47	27°50	S 26
S 27	22 20 36	3°33'49	19°53	26°35	0°L 2	19°41	10°28	0°27	26° 3	15°48	20°23	24°39	22°57	12°54	27°47	S 27
M28	22 24 33	4°31'51	2°58	28° 0	1°13	20°20	10°32	0°23	26° 1	15°50	20°22	24°41	22°54	13° 1	27°45	M28
T 29	22 28 29	5°29'56	14°48	29°23	2°25	20°59	10°36	0°18	25°59	15°52	20°22	24°42	22°51	13° 7	27°42	T 29
W30	22 32 26	6°28'02	26°55	0°L44	3°36	21°38	10°40	0°14	25°57	15°54	20°22	24°R43	22°48	13°14	27°40	W30
T 31	22 36 22	7°26'11	8°L54	2°L 4	4°L48	22°L18	10°44	0°H 9	25°H54	15°L57	20°22	24°542	22°544	13°21	27°37	T 31

Delta T = 18.46 sec

Greg. Calendar

## ASTRODIENST EPHEMERIS for the year 1758

geocentric

SEPTEMBER 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 19	8 <sup>h</sup> 24'21"	20 <sup>h</sup> 04'48"	3 <sup>h</sup> 23'23"	6 <sup>h</sup> 00'00"	22 <sup>h</sup> 25'57"	10 <sup>h</sup> 47'49"	0°R 5	25°R52	15 <sup>h</sup> 05'59"	20°D22	24°R38	22 <sup>h</sup> 25'41"	13 <sup>h</sup> 27'27"	27°R35	F 1
S 2	22 44 16	9°22'32"	2 <sup>h</sup> 27'38"	4°39'	7°12'	23°37'	10°53'	0 <sup>h</sup> 00'	25 <sup>h</sup> 05'50"	16° 1'	20°22'	24°23'33"	22°38'	13°34'	27°23'33"	S 2
S 3	22 48 12	10°20'46"	14°28'	5°55'	8°24'	24°16'	10°58'	29°25'56"	25°48'	16° 3'	20°22'	24°26'	22°35'	13°41'	27°31'	S 3
M 4	22 52 9	11°19'01"	26°19'	7° 8'	9°36'	24°56'	11° 3'	29°51'	25°45'	16° 5'	20°22'	24°17'	22°32'	13°47'	27°29'	M 4
T 5	22 56 5	12°17'18"	8 <sup>h</sup> 21'12"	8°20'	10°48'	25°36'	11° 8'	29°47'	25°43'	16° 7'	20°22'	24° 8'	22°29'	13°54'	27°27'	T 5
W 6	23 0 2	13°15'37"	20°10'	9°29'	12° 1'	26°15'	11°13'	29°43'	25°41'	16° 9'	20°22'	23°59'	22°25'	14° 1'	27°25'	W 6
T 7	23 3 58	14°13'57"	2 <sup>h</sup> 21'14"	10°37'	13°13'	26°55'	11°19'	29°38'	25°38'	16°11'	20°23'	23°51'	22°22'	14° 8'	27°23'	T 7
F 8	23 7 55	15°12'19"	14°27'	11°42'	14°25'	27°35'	11°24'	29°34'	25°36'	16°13'	20°23'	23°45'	22°19'	14°14'	27°21'	F 8
S 9	23 11 51	16°10'43"	26°53'	12°46'	15°38'	28°15'	11°30'	29°30'	25°34'	16°15'	20°23'	23°41'	22°16'	14°21'	27°19'	S 9
S 10	23 15 48	17° 9'08"	9 <sup>h</sup> 21'35"	13°47'	16°50'	28°56'	11°36'	29°26'	25°31'	16°17'	20°23'	23°39'	22°13'	14°28'	27°17'	S 10
M 11	23 19 45	18° 7'35"	22°37'	14°45'	18° 3'	29°36'	11°42'	29°21'	25°29'	16°19'	20°24'	23°D39	22°10'	14°34'	27°16'	M 11
T 12	23 23 41	19° 6'04"	6 <sup>h</sup> 23'11"	15°41'	19°15'	0 <sup>h</sup> 21'16"	11°48'	29°17'	25°27'	16°21'	20°24'	23°39'	22° 6'	14°41'	27°14'	T 12
W 13	23 27 38	20° 4'34"	19°52'	16°34'	20°28'	0°56'	11°55'	29°13'	25°24'	16°23'	20°24'	23°R40	22° 3'	14°48'	27°13'	W 13
T 14	23 31 34	21° 3'06"	4 <sup>h</sup> 22'09"	17°23'	21°41'	1°37'	12° 1'	29° 9'	25°22'	16°25'	20°25'	23°40'	22° 0'	14°54'	27°11'	T 14
F 15	23 35 31	22° 1'39"	18°51'	18°10'	22°54'	2°17'	12° 8'	29° 5'	25°19'	16°27'	20°25'	23°37'	21°57'	15° 1'	27°10'	F 15
S 16	23 39 27	23° 0'14"	3 <sup>h</sup> 21'55"	18°52'	24° 7'	2°58'	12°15'	29° 1'	25°17'	16°28'	20°26'	23°33'	21°54'	15° 8'	27° 8'	S 16
S 17	23 43 24	23°58'51"	19°10'	19°31'	25°20'	3°39'	12°22'	28°57'	25°15'	16°30'	20°26'	23°26'	21°50'	15°15'	27° 7'	S 17
M 18	23 47 20	24°57'30"	4 <sup>h</sup> 27'28"	20° 6'	26°33'	4°19'	12°29'	28°53'	25°12'	16°32'	20°27'	23°17'	21°47'	15°21'	27° 6'	M 18
T 19	23 51 17	25°56'11"	19°37'	20°36'	27°46'	5° 0'	12°36'	28°50'	25°10'	16°34'	20°27'	23° 7'	21°44'	15°28'	27° 5'	T 19
W 20	23 55 14	26°54'54"	4 <sup>h</sup> 27'27"	21° 1'	28°59'	5°41'	12°43'	28°46'	25° 7'	16°36'	20°28'	22°59'	21°41'	15°35'	27° 3'	W 20
T 21	23 59 10	27°53'39"	18°50'	21°21'	0 <sup>h</sup> 21'12"	6°22'	12°51'	28°42'	25° 5'	16°38'	20°28'	22°51'	21°38'	15°41'	27° 2'	T 21
F 22	0 3 7	28°52'26"	2 <sup>h</sup> 21'44"	21°35'	1°26'	7° 3'	12°58'	28°39'	25° 2'	16°39'	20°29'	22°46'	21°35'	15°48'	27° 2'	F 22
S 23	0 7 3	29°51'16"	16° 8'	21°44'	2°39'	7°44'	13° 6'	28°35'	25° 0'	16°41'	20°30'	22°43'	21°31'	15°55'	27° 1'	S 23
S 24	0 11 0	0 <sup>h</sup> 25'00"	29° 5'	21°R46	3°52'	8°25'	13°14'	28°32'	24°58'	16°43'	20°30'	22°D42	21°28'	16° 1'	27° 0'	S 24
M 25	0 14 56	1°49'03"	11°23'39"	21°41'	5° 6'	9° 6'	13°22'	28°28'	24°55'	16°44'	20°31'	22°43'	21°25'	16° 8'	26°59'	M 25
T 26	0 18 53	2°48'00"	23°54'	21°28'	6°19'	9°48'	13°30'	28°25'	24°53'	16°46'	20°32'	22°R43	21°22'	16°15'	26°58'	T 26
W 27	0 22 49	3°46'58"	5 <sup>h</sup> 02'56"	21° 9'	7°33'	10°29'	13°38'	28°22'	24°51'	16°48'	20°33'	22°42'	21°19'	16°21'	26°58'	W 27
T 28	0 26 46	4°46'00"	17°50'	20°41'	8°47'	11°11'	13°47'	28°18'	24°48'	16°49'	20°34'	22°39'	21°16'	16°28'	26°57'	T 28
F 29	0 30 43	5°45'03"	29°40'	20° 6'	10° 0'	11°52'	13°55'	28°15'	24°46'	16°51'	20°34'	22°34'	21°12'	16°35'	26°57'	F 29
S 30	0 34 39	6 <sup>h</sup> 24'40"	11 <sup>h</sup> 27'29"	19 <sup>h</sup> 24'24"	11 <sup>h</sup> 27'14"	12 <sup>h</sup> 23'34"	14 <sup>h</sup> 27'44"	28°22'12"	24°44'43"	16 <sup>h</sup> 05'53"	20°35'35"	22°25'25"	21°25' 9"	16 <sup>h</sup> 27'42"	26°25'56"	S 30

Delta T = 18.48 sec

Greg. Calendar

OCTOBER 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 36	7 <sup>h</sup> 23'16"	23 <sup>h</sup> 27'20"	18°R34	12 <sup>h</sup> 27'28"	13 <sup>h</sup> 21'15"	14 <sup>h</sup> 27'13"	28°R 9	24°R41	16 <sup>h</sup> 05'54"	20°21'36"	22°R14	21°25' 6"	16 <sup>h</sup> 27'48"	26°R56	S 1
M 2	0 42 32	8°42'26"	5 <sup>h</sup> 21'14"	17°23'38"	13°42'	13°57'	14°22'	28°22' 6"	24°21'39"	16°56'	20°37'	22°25' 1"	21° 3'	16°55'	26°25'56"	M 2
T 3	0 46 29	9°41'38"	17°14'	16°36'	14°56'	14°39'	14°31'	28° 3'	24°37'	16°57'	20°38'	21°47'	21° 0'	17° 2'	26°56'	T 3
W 4	0 50 25	10°40'52"	29°21'	15°29'	16°10'	15°21'	14°40'	28° 1'	24°34'	16°59'	20°39'	21°34'	20°56'	17° 8'	26°56'	W 4
T 5	0 54 22	11°40'08"	11 <sup>h</sup> 21'35"	14°19'	17°24'	16° 3'	14°49'	27°58'	24°32'	17° 0'	20°40'	21°21'	20°53'	17°15'	26°D56	T 5
F 6	0 58 18	12°39'26"	23°57'	13° 8'	18°38'	16°45'	14°59'	27°55'	24°30'	17° 2'	20°41'	21°11'	20°50'	17°22'	26°56'	F 6
S 7	1 2 15	13°38'46"	6 <sup>h</sup> 21'30"	11°58'	19°52'	17°27'	15° 8'	27°53'	24°27'	17° 3'	20°42'	21° 4'	20°47'	17°28'	26°56'	S 7
S 8	1 6 11	14°38'07"	19°16'	10°50'	21° 6'	18° 9'	15°18'	27°51'	24°25'	17° 4'	20°44'	20°59'	20°44'	17°35'	26°56'	S 8
M 9	1 10 8	15°37'31"	2 <sup>h</sup> 23'17"	9°46'	22°20'	18°52'	15°28'	27°48'	24°23'	17° 6'	20°45'	20°57'	20°41'	17°42'	26°56'	M 9
T 10	1 14 5	16°36'56"	15°37'	8°49'	23°35'	19°34'	15°37'	27°46'	24°21'	17° 7'	20°46'	20°57'	20°37'	17°49'	26°57'	T 10
W 11	1 18 1	17°36'23"	29°17'	8° 0'	24°49'	20°16'	15°47'	27°44'	24°19'	17° 8'	20°47'	20°57'	20°34'	17°55'	26°57'	W 11
T 12	1 21 58	18°35'52"	13°21'21"	7°20'	26° 3'	20°59'	15°57'	27°42'	24°17'	17°10'	20°48'	20°56'	20°31'	18° 2'	26°57'	T 12
F 13	1 25 54	19°35'22"	27°47'	6°50'	27°18'	21°41'	16° 8'	27°40'	24°14'	17°11'	20°50'	20°53'	20°28'	18° 9'	26°58'	F 13
S 14	1 29 51	20°34'54"	12 <sup>h</sup> 21'34"	6°32'	28°32'	22°24'	16°18'	27°38'	24°12'	17°12'	20°51'	20°47'	20°25'	18°15'	26°59'	S 14
S 15	1 33 47	21°34'28"	27°35'	6°D24	29°47'	23° 6'	16°28'	27°36'	24°10'	17°13'	20°52'	20°38'	20°21'	18°22'	26°59'	S 15
M 16	1 37 44	22°34'04"	12 <sup>h</sup> 27'43"	6°28'	1 <sup>h</sup> 21' 1"	23°49'	16°39'	27°35'	24° 8'	17°14'	20°54'	20°27'	20°18'	18°29'	27° 0'	M 16
T 17	1 41 40	23°33'42"	27°46'	6°42'	2°16'	24°32'	16°49'	27°33'	24° 6'	17°16'	20°55'	20°16'	20°15'	18°35'	27° 1'	T 17
W 18	1 45 37	24°33'22"	12 <sup>h</sup> 28'35"	7° 7'	3°30'	25°15'	17° 0'	27°32'	24° 4'	17°17'	20°57'	20° 4'	20°12'	18°42'	27° 2'	W 18
T 19	1 49 34	25°33'04"	27° 2'	7°41'	4°45'	25°58'	17°11'	27°30'	24° 2'	17°18'	20°58'	19°55'	20° 9'	18°49'	27° 3'	T 19
F 20	1 53 30	26°32'48"	11 <sup>h</sup> 21' 1"	8°24'	5°59'	26°41'	17°21'	27°29'	24° 0'	17°19'	20°59'	19°48'	20° 6'	18°56'	27° 4'	F 20
S 21	1 57 27	27°32'34"	24°31'	9°15'	7°14'	27°24'	17°32'	27°28'	23°58'	17°20'	21° 1'	19°43'	20° 2'	19° 2'	27° 5'	S 21
S 22	2 1 23	28°32'23"	7 <sup>h</sup> 23'32"	10°14'	8°29'	28° 7'	17°43'	27°27'	23°57'	17°21'	21° 2'	19°41'	19°59'	19° 9'	27° 6'	S 22
M 23	2 5 20	29°32'14"	20°30'	11°19'	9°43'	28°50'	17°54'	27°26'	23°55'	17°22'	21° 4'	19°D41	19°56'	19°16'	27° 8'	M 23
T 24	2 9 16	0 <sup>h</sup> 23'20"	2 <sup>h</sup> 02'27"	12°29'	10°58'	29°33'	18° 6'	27°25'	23°53'	17°23'	21° 6'	19°R41	19°53'	19°22'	27° 9'	T 24
W 25	2 13 13	1°32'03"	14°30'	13°44'	12°13'	0 <sup>h</sup> 21'17"	18°17'	27°24'	23°51'	17°24'	21° 7'	19°40'	19°50'	19°29'	27°10'	W 25
T 26	2 17 9	2°32'00"	26°23'	15° 3'	13°28'	1° 0'	18°28'	27°24'	23°49'	17°24'	21° 9'	19°38'	19°47'	19°36'	27°12'	T 26
F 27	2 21 6	3°32'00"	8 <sup>h</sup> 27'12"	16°26'	14°43'	1°44'	18°40'	27°23'	23°48'	17°25'	21°10'	19°33'	19°43'	19°42'	27°14'	F 27
S 28	2 25 3	4°32'01"	20° 2'	17°52'	15°58'	2°27'	18°51'	27°23'	23°46'	17°26'	21°12'	19°26'	19°40'	19°49'	27°15'	S 28
S 29	2 28 59	5°32'05"	1 <sup>h</sup> 21'56"	19°20'	17°13'	3°11'	19° 3'	27°22'	23°44'	17°27'	21°14'	19°15'	19°37'	19°56'	27°17'	S 29
M 30	2 32 56	6°32'11"	13°56'	20°50'	18°28'	3°54'	19°15'	27°22'	23°43'	17°28'	21°15'	19° 3'	19°34'	20° 3'	27°19'	M 30
T 31	2 36 52	7 <sup>h</sup> 23'21'19"	26 <sup>h</sup> 21' 5"	22 <sup>h</sup> 22'22"	19 <sup>h</sup> 24'43"	4 <sup>h</sup> 27'38"	19 <sup>h</sup> 27'26"	27°22'22"	23°44'41"	17 <sup>h</sup> 02'28"	21°21'17"	18°25'49"	19°25'31"	20 <sup>h</sup> 27' 9"	27°20'20"	T 31

Delta T = 18.50 sec

Greg. Calendar

## ASTRODIENST EPHEMERIS for the year 1758

geocentric

NOVEMBER 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 49	8♉32°28'	8♉23	23♊56	20♊58	5♈22	19♈38	27°D22	23°R40	17♊29	21♈19	18°R36	19♊27	20♉16	27♊22	W 1
T 2	2 44 45	9°32'40"	20°52	25°30	22°13	6° 6	19°50	27♈22	23♈38	17°29	21°21	18♊24	19°24	20°23	27°24	T 2
F 3	2 48 42	10°32'53"	3♈31	27° 5	23°28	6°50	20° 2	27°22	23°37	17°30	21°22	18°14	19°21	20°29	27°26	F 3
S 4	2 52 38	11°33'08"	16°20	28°41	24°43	7°34	20°14	27°22	23°36	17°31	21°24	18° 7	19°18	20°36	27°29	S 4
S 5	2 56 35	12°33'25"	29°20	0♉17	25°58	8°18	20°26	27°23	23°34	17°31	21°26	18° 3	19°15	20°43	27°31	S 5
M 6	3 0 32	13°33'43"	12♈32	1°54	27°13	9° 2	20°38	27°23	23°33	17°32	21°28	18°D 1	19°12	20°50	27°33	M 6
T 7	3 4 28	14°34'03"	25°57	3°30	28°28	9°46	20°51	27°24	23°32	17°32	21°30	18° 1	19° 8	20°56	27°35	T 7
W 8	3 8 25	15°34'24"	9♈37	5° 7	29°43	10°30	21° 3	27°24	23°30	17°33	21°32	18°R 2	19° 5	21° 3	27°38	W 8
T 9	3 12 21	16°34'47"	23°33	6°44	0♉59	11°15	21°15	27°25	23°29	17°33	21°34	18° 2	19° 2	21°10	27°40	T 9
F 10	3 16 18	17°35'11"	7♈44	8°21	2°14	11°59	21°28	27°26	23°28	17°33	21°35	18° 0	18°59	21°16	27°43	F 10
S 11	3 20 14	18°35'36"	22°10	9°58	3°29	12°44	21°40	27°27	23°27	17°34	21°37	17°56	18°56	21°23	27°45	S 11
S 12	3 24 11	19°36'02"	6♈47	11°34	4°44	13°28	21°53	27°28	23°26	17°34	21°39	17°50	18°53	21°30	27°48	S 12
M13	3 28 7	20°36'30"	21°30	13°11	5°59	14°13	22° 6	27°29	23°25	17°34	21°41	17°41	18°49	21°36	27°50	M13
T 14	3 32 4	21°36'59"	6♈11	14°47	7°15	14°57	22°18	27°31	23°24	17°34	21°43	17°32	18°46	21°43	27°53	T 14
W15	3 36 1	22°37'30"	20°43	16°23	8°30	15°42	22°31	27°32	23°23	17°35	21°45	17°23	18°43	21°50	27°56	W15
T 16	3 39 57	23°38'03"	4♉58	17°59	9°45	16°26	22°44	27°34	23°22	17°35	21°47	17°15	18°40	21°57	27°59	T 16
F 17	3 43 54	24°38'37"	18°52	19°35	11° 1	17°11	22°57	27°35	23°22	17°35	21°49	17°10	18°37	22° 3	28° 2	F 17
S 18	3 47 50	25°39'12"	2♉20	21°11	12°16	17°56	23°10	27°37	23°21	17°35	21°51	17° 6	18°33	22°10	28° 5	S 18
S 19	3 51 47	26°39'50"	15°24	22°46	13°31	18°41	23°23	27°39	23°20	17°35	21°53	17°D 5	18°30	22°17	28° 8	S 19
M20	3 55 43	27°40'28"	28° 5	24°22	14°47	19°26	23°36	27°41	23°19	17°R35	21°55	17° 6	18°27	22°23	28°11	M20
T 21	3 59 40	28°41'09"	10♉26	25°57	16° 2	20°11	23°49	27°43	23°19	17°35	21°58	17° 7	18°24	22°30	28°14	T 21
W22	4 3 36	29°41'51"	22°31	27°32	17°17	20°56	24° 2	27°45	23°18	17°35	22° 0	17° 8	18°21	22°37	28°17	W22
T 23	4 7 33	0♉42°35'	4♉27	29° 6	18°33	21°41	24°15	27°47	23°18	17°35	22° 2	17°R 8	18°18	22°44	28°21	T 23
F 24	4 11 30	1°43'20"	16°18	0♉41	19°48	22°26	24°28	27°49	23°17	17°35	22° 4	17° 7	18°14	22°50	28°24	F 24
S 25	4 15 26	2°44'07"	28°10	2°15	21° 3	23°11	24°41	27°52	23°17	17°35	22° 6	17° 4	18°11	22°57	28°27	S 25
S 26	4 19 23	3°44'55"	10♉ 6	3°50	22°19	23°57	24°54	27°54	23°16	17°34	22° 8	16°58	18° 8	23° 4	28°31	S 26
M27	4 23 19	4°45'45"	22°10	5°24	23°34	24°42	25° 8	27°57	23°16	17°34	22°10	16°51	18° 5	23°10	28°34	M27
T 28	4 27 16	5°46'36"	4♉26	6°58	24°50	25°27	25°21	28° 0	23°16	17°34	22°12	16°44	18° 2	23°17	28°38	T 28
W29	4 31 12	6°47'28"	16°56	8°33	26° 5	26°13	25°34	28° 2	23°16	17°34	22°15	16°36	17°58	23°24	28°41	W29
T 30	4 35 9	7♈48'22"	29♉40	10♈ 7	27♉21	26♈58	25♈48	28♈ 5	23♈16	17♉33	22♈17	16♉29	17♉55	23♉31	28♈45	T 30

Delta T = 18.53 sec

Greg. Calendar

DECEMBER 1758

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 39 5	8♉49°17'	12♈38	11♈41	28♉36	27♈44	26♈ 1	28♈ 8	23°R15	17°R33	22♈19	16°R23	17♈52	23♉37	28♈49	F 1
S 2	4 43 2	9°50'13"	25°49	13°15	29°52	28°29	26°15	28°11	23♈15	17♉32	22°21	16♉20	17°49	23°44	28°52	S 2
S 3	4 46 59	10°51'10"	9♈13	14°49	1♈ 7	29°15	26°28	28°15	23°D15	17°32	22°23	16°18	17°46	23°51	28°56	S 3
M 4	4 50 55	11°52'08"	22°48	16°23	2°23	0♈ 1	26°42	28°18	23°15	17°32	22°26	16°D18	17°43	23°57	29° 0	M 4
T 5	4 54 52	12°53'07"	6♈32	17°57	3°38	0°46	26°55	28°21	23°16	17°31	22°28	16°19	17°39	24° 4	29° 4	T 5
W 6	4 58 48	13°54'06"	20°25	19°31	4°54	1°32	27° 9	28°25	23°16	17°31	22°30	16°20	17°36	24°11	29° 8	W 6
T 7	5 2 45	14°55'06"	4♈26	21° 6	6° 9	2°18	27°23	28°28	23°16	17°30	22°32	16°22	17°33	24°18	29°12	T 7
F 8	5 6 41	15°56'06"	18°33	22°40	7°25	3° 4	27°36	28°32	23°16	17°29	22°34	16°R22	17°30	24°24	29°16	F 8
S 9	5 10 38	16°57'07"	2♈45	24°14	8°40	3°50	27°50	28°36	23°16	17°29	22°37	16°21	17°27	24°31	29°20	S 9
S 10	5 14 34	17°58'08"	17° 1	25°48	9°56	4°36	28° 3	28°39	23°17	17°28	22°39	16°19	17°24	24°38	29°24	S 10
M11	5 18 31	18°59'10"	1♈16	27°23	11°11	5°22	28°17	28°43	23°17	17°27	22°41	16°15	17°20	24°44	29°28	M11
T 12	5 22 28	20° 0'13"	15°27	28°57	12°27	6° 8	28°31	28°47	23°18	17°27	22°43	16°11	17°17	24°51	29°32	T 12
W13	5 26 21	21° 1'15"	29°30	0♈32	13°42	6°54	28°45	28°51	23°18	17°26	22°46	16° 7	17°14	24°58	29°36	W13
T 14	5 30 24	22° 2'19"	13♉21	2° 6	14°58	7°40	28°58	28°56	23°19	17°25	22°48	16° 4	17°11	25° 5	29°41	T 14
F 15	5 34 17	23° 3'23"	26°55	3°41	16°13	8°26	29°12	29° 0	23°19	17°24	22°50	16° 2	17° 8	25°11	29°45	F 15
S 16	5 38 14	24° 4'28"	10♉11	5°15	17°29	9°13	29°26	29° 4	23°20	17°24	22°52	16°D 1	17° 5	25°18	29°49	S 16
S 17	5 42 10	25° 5'33"	23° 8	6°50	18°44	9°59	29°40	29° 9	23°21	17°23	22°55	16° 1	17° 1	25°25	29°54	S 17
M18	5 46 7	26° 6'39"	5♉47	8°24	20° 0	10°45	29°53	29°13	23°21	17°22	22°57	16° 2	16°58	25°31	29°58	M18
T 19	5 50 3	27° 7'46"	18° 8	9°58	21°15	11°31	0♈ 7	29°18	23°22	17°21	22°59	16° 3	16°55	25°38	0♈ 2	T 19
W20	5 54 0	28° 8'53"	0♉16	11°32	22°31	12°18	0°21	29°22	23°23	17°20	23° 1	16° 5	16°52	25°45	0° 7	W20
T 21	5 57 57	29°10'01"	12°14	13° 6	23°46	13° 4	0°35	29°27	23°24	17°19	23° 3	16° 6	16°49	25°52	0°11	T 21
F 22	6 1 53	0♈11'09"	24° 6	14°39	25° 2	13°51	0°49	29°32	23°25	17°18	23° 6	16° 7	16°45	25°58	0°16	F 22
S 23	6 5 50	1°12'18"	5♉59	16°12	26°17	14°37	1° 2	29°37	23°26	17°17	23° 8	16°R 7	16°42	26° 5	0°20	S 23
S 24	6 9 46	2°13'27"	17°55	17°44	27°33	15°24	1°16	29°42	23°27	17°16	23°10	16° 6	16°39	26°12	0°25	S 24
M25	6 13 43	3°14'37"	0♉ 0	19°15	28°48	16°10	1°30	29°47	23°28	17°15	23°12	16° 5	16°36	26°18	0°29	M25
T 26	6 17 39	4°15'48"	12°19	20°45	0♈ 4	16°57	1°44	29°52	23°29	17°14	23°14	16° 3	16°33	26°25	0°34	T 26
W27	6 21 36	5°16'59"	24°53	22°14	1°19	17°44	1°58	29°57	23°31	17°12	23°17	16° 2	16°30	26°32	0°39	W27
T 28	6 25 32	6°18'10"	7♈47	23°42	2°35	18°30	2°11	0♈ 2	23°32	17°11	23°19	16° 0	16°26	26°39	0°43	T 28
F 29	6 29 29	7°19'22"	21° 0	25° 8	3°50	19°17	2°25	0° 7	23°33	17°10	23°21	15°59	16°23	26°45	0°48	F 29
S 30	6 33 26	8°20'34"	4♈32	26°31	5° 6	20° 4	2°39	0°13	23°35	17° 9	23°23	15°59	16°20	26°52	0°53	S 30
S 31	6 37 22	9♈21°45'	18♈21	27♈52	6♈21	20♈51	2♈53	0♈18	23♈36	17♉8	23♈25	15°D58	16♉17	26♉59	0♈58	S 31

Delta T = 18.55 sec

Greg. Calendar