



# Astrodienst Ephemeris Tables for the year 1791

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 1791

## geocentric

JANUARY 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 19	10°37'17"	20°49'	20°52'	10°20'	25°22'	1°11'	29°55'	13°R29	27°27'	19°57'	28°R20	27°18'	9°13'	4°R56	S 1
S 2	6 46 16	11°38'28"	5°21'	22°30'	11°36'	26° 9'	1°13'	29°58'	13°R27	27°27'	19° 9'	28°16'	27°15'	9°20'	4°52'	S 2
M 3	6 50 12	12°39'39"	19°55'	24° 8'	12°51'	26°56'	1°16'	0° 1'	13°25'	27°28'	19°10'	28° 9'	27°12'	9°27'	4°48'	M 3
T 4	6 54 9	13°40'50"	4°35'	25°46'	14° 7'	27°43'	1°18'	0° 5'	13°23'	27°29'	19°12'	27°59'	27° 9'	9°33'	4°44'	T 4
W 5	6 58 5	14°42'01"	18°45'	27°23'	15°22'	28°30'	1°20'	0° 8'	13°21'	27°30'	19°13'	27°47'	27° 6'	9°40'	4°40'	W 5
T 6	7 2 2	15°43'11"	2°48'	29° 1'	16°38'	29°17'	1°22'	0°12'	13°18'	27°31'	19°15'	27°34'	27° 3'	9°46'	4°36'	T 6
F 7	7 5 59	16°44'22"	16°28'	0°38'	17°53'	0° 4'	1°24'	0°15'	13°16'	27°32'	19°16'	27°22'	26°59'	9°53'	4°32'	F 7
S 8	7 9 55	17°45'31"	29°44'	2°14'	19° 9'	0°51'	1°26'	0°19'	13°14'	27°32'	19°18'	27°12'	26°56'	10° 0'	4°28'	S 8
S 9	7 13 52	18°46'41"	12°35'	3°49'	20°24'	1°38'	1°27'	0°23'	13°12'	27°33'	19°19'	27° 5'	26°53'	10° 6'	4°24'	S 9
M10	7 17 48	19°47'49"	25° 5'	5°23'	21°40'	2°26'	1°28'	0°27'	13° 9'	27°34'	19°21'	27° 0'	26°50'	10°13'	4°20'	M10
T 11	7 21 45	20°48'57"	7°16'	6°56'	22°55'	3°13'	1°29'	0°31'	13° 7'	27°34'	19°22'	26°58'	26°47'	10°20'	4°16'	T 11
W12	7 25 41	21°50'05"	19°13'	8°27'	24°10'	4° 0'	1°30'	0°35'	13° 4'	27°35'	19°24'	26°58'	26°44'	10°26'	4°12'	W12
T 13	7 29 38	22°51'11"	1° 2'	9°56'	25°26'	4°47'	1°31'	0°39'	13° 2'	27°35'	19°26'	26°58'	26°40'	10°33'	4° 8'	T 13
F 14	7 33 34	23°52'17"	12°50'	11°22'	26°41'	5°35'	1°31'	0°44'	13° 0'	27°36'	19°27'	26°57'	26°37'	10°40'	4° 5'	F 14
S 15	7 37 31	24°53'22"	24°40'	12°46'	27°57'	6°22'	1°32'	0°48'	12°57'	27°36'	19°29'	26°54'	26°34'	10°46'	4° 1'	S 15
S 16	7 41 28	25°54'26"	6°38'	14° 5'	29°12'	7° 9'	1°R32	0°53'	12°55'	27°37'	19°31'	26°50'	26°31'	10°53'	3°57'	S 16
M17	7 45 24	26°55'30"	18°49'	15°20'	0°28'	7°56'	1°32'	0°57'	12°52'	27°37'	19°32'	26°42'	26°28'	11° 0'	3°53'	M17
T 18	7 49 21	27°56'33"	1°15'	16°30'	1°43'	8°44'	1°31'	1° 2'	12°50'	27°38'	19°34'	26°31'	26°24'	11° 6'	3°50'	T 18
W19	7 53 17	28°57'35"	13°57'	17°35'	2°58'	9°31'	1°31'	1° 6'	12°47'	27°38'	19°35'	26°19'	26°21'	11°13'	3°46'	W19
T 20	7 57 14	29°58'36"	26°56'	18°32'	4°14'	10°18'	1°30'	1°11'	12°45'	27°38'	19°37'	26° 5'	26°18'	11°20'	3°43'	T 20
F 21	8 1 10	0°59'36"	10°11'	19°23'	5°29'	11° 6'	1°29'	1°16'	12°42'	27°39'	19°39'	25°51'	26°15'	11°26'	3°39'	F 21
S 22	8 5 7	2° 0'35"	23°40'	20° 5'	6°44'	11°53'	1°28'	1°21'	12°40'	27°39'	19°40'	25°39'	26°12'	11°33'	3°36'	S 22
S 23	8 9 4	3° 1'34"	7°20'	20°37'	8° 0'	12°41'	1°27'	1°26'	12°37'	27°39'	19°42'	25°30'	26° 9'	11°40'	3°32'	S 23
M24	8 13 0	4° 2'32"	21° 8'	21° 0'	9°15'	13°28'	1°25'	1°31'	12°34'	27°39'	19°44'	25°23'	26° 5'	11°46'	3°29'	M24
T 25	8 16 57	5° 3'29"	5° 2'	21°13'	10°30'	14°15'	1°24'	1°36'	12°32'	27°39'	19°46'	25°20'	26° 2'	11°53'	3°26'	T 25
W26	8 20 53	6° 4'26"	19° 0'	21°R14	11°46'	15° 3'	1°22'	1°42'	12°29'	27°39'	19°47'	25°18'	25°59'	11°59'	3°23'	W26
T 27	8 24 50	7° 5'22"	3° 3'	21° 4'	13° 1'	15°50'	1°20'	1°47'	12°27'	27°39'	19°49'	25°18'	25°56'	12° 6'	3°19'	T 27
F 28	8 28 46	8° 6'18"	17° 8'	20°43'	14°16'	16°38'	1°18'	1°52'	12°24'	27°39'	19°51'	25°18'	25°53'	12°13'	3°16'	F 28
S 29	8 32 43	9° 7'12"	1°15'	20°10'	15°32'	17°25'	1°15'	1°58'	12°21'	27°R39	19°52'	25°16'	25°50'	12°19'	3°13'	S 29
S 30	8 36 39	10° 8'07"	15°24'	19°28'	16°47'	18°13'	1°13'	2° 3'	12°19'	27°39'	19°54'	25°12'	25°46'	12°26'	3°10'	S 30
M31	8 40 36	11° 9'00"	29°31'	18°36'	18° 2'	19° 0'	1°10'	2° 9'	12°16'	27°39'	19°56'	25° 5'	25°43'	12°33'	3° 7'	M31

Delta T = 21.46 sec

Greg. Calendar

FEBRUARY 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 33	12° 9'52"	13°33'	17°R37	19°17'	19°48'	1°R 7'	2°15'	12°R14	27°R39	19°58'	24°R56	25°40'	12°39'	3°R 4'	T 1
W 2	8 48 29	13°10'43"	27°27'	16°31'	20°33'	20°35'	1° 4'	2°20'	12°R11	27°39'	19°59'	24°44'	25°37'	12°46'	3° 2'	W 2
T 3	8 52 26	14°11'33"	11° 8'	15°21'	21°48'	21°23'	1° 0'	2°26'	12° 8'	27°39'	20° 1'	24°32'	25°34'	12°53'	2°59'	T 3
F 4	8 56 22	15°12'22"	24°32'	14° 9'	23° 3'	22°10'	0°57'	2°32'	12° 6'	27°39'	20° 3'	24°20'	25°30'	12°59'	2°56'	F 4
S 5	9 0 19	16°13'10"	7°37'	12°57'	24°18'	22°58'	0°53'	2°38'	12° 3'	27°39'	20° 5'	24°10'	25°27'	13° 6'	2°54'	S 5
S 6	9 4 15	17°13'56"	20°22'	11°47'	25°33'	23°45'	0°49'	2°44'	12° 0'	27°38'	20° 6'	24° 3'	25°24'	13°13'	2°51'	S 6
M 7	9 8 12	18°14'41"	2°49'	10°40'	26°49'	24°32'	0°45'	2°50'	11°58'	27°38'	20° 8'	23°58'	25°21'	13°19'	2°49'	M 7
T 8	9 12 8	19°15'24"	15° 0'	9°38'	28° 4'	25°20'	0°41'	2°56'	11°55'	27°38'	20°10'	23°56'	25°18'	13°26'	2°46'	T 8
W 9	9 16 5	20°16'05"	26°58'	8°43'	29°19'	26° 7'	0°37'	3° 2'	11°53'	27°37'	20°12'	23°D55	25°15'	13°33'	2°44'	W 9
T 10	9 20 1	21°16'45"	8°48'	7°54'	0°34'	26°55'	0°32'	3° 8'	11°50'	27°37'	20°14'	23°56'	25°11'	13°39'	2°42'	T 10
F 11	9 23 58	22°17'24"	20°36'	7°13'	1°49'	27°42'	0°28'	3°15'	11°47'	27°36'	20°15'	23°R56	25° 8'	13°46'	2°40'	F 11
S 12	9 27 55	23°18'00"	2°12'	6°39'	3° 4'	28°30'	0°23'	3°21'	11°45'	27°36'	20°17'	23°56'	25° 5'	13°53'	2°38'	S 12
S 13	9 31 51	24°18'35"	14°26'	6°14'	4°19'	29°17'	0°18'	3°27'	11°42'	27°35'	20°19'	23°53'	25° 2'	13°59'	2°36'	S 13
M14	9 35 48	25°19'08"	26°39'	5°56'	5°34'	0°34'	0°13'	3°34'	11°40'	27°35'	20°21'	23°49'	24°59'	14° 6'	2°34'	M14
T 15	9 39 44	26°19'40"	9° 9'	5°46'	6°49'	0°52'	0° 7'	3°40'	11°37'	27°34'	20°22'	23°42'	24°56'	14°12'	2°32'	T 15
W16	9 43 41	27°20'09"	22° 0'	5°D43	8° 4'	1°39'	0° 2'	3°47'	11°35'	27°34'	20°24'	23°33'	24°52'	14°19'	2°30'	W16
T 17	9 47 37	28°20'37"	5°12'	5°47'	9°19'	2°27'	29°56'	3°53'	11°32'	27°33'	20°26'	23°24'	24°49'	14°26'	2°29'	T 17
F 18	9 51 34	29°21'03"	18°45'	5°57'	10°34'	3°14'	29°51'	4° 0'	11°30'	27°32'	20°28'	23°14'	24°46'	14°32'	2°27'	F 18
S 19	9 55 30	0°21'28"	2°36'	6°14'	11°49'	4° 2'	29°45'	4° 7'	11°27'	27°32'	20°29'	23° 5'	24°43'	14°39'	2°26'	S 19
S 20	9 59 27	1°21'50"	16°42'	6°36'	13° 4'	4°49'	29°39'	4°13'	11°25'	27°31'	20°31'	22°58'	24°40'	14°46'	2°24'	S 20
M21	10 3 24	2°22'11"	0°57'	7° 4'	14°19'	5°36'	29°33'	4°20'	11°23'	27°30'	20°33'	22°54'	24°36'	14°52'	2°23'	M21
T 22	10 7 20	3°22'31"	15°17'	7°36'	15°34'	6°24'	29°26'	4°27'	11°20'	27°30'	20°34'	22°52'	24°33'	14°59'	2°22'	T 22
W23	10 11 17	4°22'49"	29°38'	8°13'	16°49'	7°11'	29°20'	4°34'	11°18'	27°29'	20°36'	22°D52	24°30'	15° 6'	2°21'	W23
T 24	10 15 13	5°23'06"	13°55'	8°54'	18° 3'	7°58'	29°13'	4°41'	11°15'	27°28'	20°38'	22°53'	24°27'	15°12'	2°20'	T 24
F 25	10 19 10	6°23'21"	28° 7'	9°39'	19°18'	8°46'	29° 7'	4°47'	11°13'	27°27'	20°40'	22°54'	24°24'	15°19'	2°19'	F 25
S 26	10 23 6	7°23'35"	12°12'	10°28'	20°33'	9°33'	29° 0'	4°54'	11°11'	27°26'	20°41'	22°R54	24°21'	15°26'	2°18'	S 26
S 27	10 27 3	8°23'48"	26° 8'	11°20'	21°48'	10°20'	28°53'	5° 1'	11° 9'	27°25'	20°43'	22°53'	24°17'	15°32'	2°17'	S 27
M28	10 30 59	9°23'59"	9°56'	12°15'	23° 3'	11° 7'	28°46'	5° 8'	11° 6'	27°24'	20°45'	22°49'	24°14'	15°39'	2°17'	M28

Delta T = 21.44 sec

Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1791

## geocentric

MARCH 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 56	10°42'08"	23°34'	13°14'	24°17'	11°55'	28°R39	5°15'	11°R 4	27°R23	20°46'	22°R44	24°11'	15°46'	2°R16	T 1
W 2	10 38 53	11°24'16"	7°1'	14°14'	25°32'	12°42'	28°R32	5°23'	11°R 2	27°R22	20°48'	22°R37	24° 8'	15°52'	2°R15	W 2
T 3	10 42 49	12°24'22"	20°15'	15°18'	26°47'	13°29'	28°25'	5°30'	11° 0'	27°21'	20°50'	22°30'	24° 5'	15°59'	2°15'	T 3
F 4	10 46 46	13°24'26"	3°15'	16°23'	28° 1'	14°16'	28°18'	5°37'	10°58'	27°20'	20°51'	22°23'	24° 1'	16° 6'	2°15'	F 4
S 5	10 50 42	14°24'28"	16° 1'	17°31'	29°16'	15° 3'	28°11'	5°44'	10°56'	27°19'	20°53'	22°17'	23°58'	16°12'	2°14'	S 5
S 6	10 54 39	15°24'29"	28°33'	18°41'	0°Y30	15°51'	28° 3'	5°51'	10°54'	27°18'	20°55'	22°13'	23°55'	16°19'	2°14'	S 6
M 7	10 58 35	16°24'27"	10°Y51	19°53'	1°45'	16°38'	27°56'	5°58'	10°52'	27°17'	20°56'	22°10'	23°52'	16°26'	2°D14	M 7
T 8	11 2 32	17°24'23"	22°56'	21° 7'	3° 0'	17°25'	27°48'	6° 6'	10°50'	27°16'	20°58'	22°D10	23°49'	16°32'	2°14'	T 8
W 9	11 6 28	18°24'18"	4°52'	22°23'	4°14'	18°12'	27°41'	6°13'	10°48'	27°15'	20°59'	22°10'	23°46'	16°39'	2°14'	W 9
T 10	11 10 25	19°24'10"	16°42'	23°41'	5°29'	18°59'	27°33'	6°20'	10°46'	27°13'	21° 1'	22°12'	23°42'	16°46'	2°15'	T 10
F 11	11 14 22	20°24'00"	28°30'	25° 0'	6°43'	19°46'	27°25'	6°28'	10°44'	27°12'	21° 3'	22°14'	23°39'	16°52'	2°15'	F 11
S 12	11 18 18	21°23'48"	10°II21	26°21'	7°57'	20°33'	27°18'	6°35'	10°42'	27°11'	21° 4'	22°15'	23°36'	16°59'	2°15'	S 12
S 13	11 22 15	22°23'34"	22°19'	27°43'	9°12'	21°20'	27°10'	6°42'	10°40'	27°10'	21° 6'	22°R16	23°33'	17° 6'	2°16'	S 13
M14	11 26 11	23°23'17"	4°531	29° 7'	10°26'	22° 7'	27° 2'	6°50'	10°39'	27° 8'	21° 7'	22°15'	23°30'	17°12'	2°16'	M14
T 15	11 30 8	24°22'58"	17° 0'	0°X32	11°40'	22°54'	26°54'	6°57'	10°37'	27° 7'	21° 9'	22°13'	23°27'	17°19'	2°17'	T 15
W16	11 34 4	25°22'37"	29°50'	1°59'	12°55'	23°41'	26°47'	7° 5'	10°35'	27° 6'	21°10'	22°10'	23°23'	17°25'	2°18'	W16
T 17	11 38 1	26°22'14"	13°R 5	3°27'	14° 9'	24°27'	26°39'	7°12'	10°34'	27° 5'	21°12'	22° 7'	23°20'	17°32'	2°19'	T 17
F 18	11 41 57	27°21'48"	26°45'	4°57'	15°23'	25°14'	26°31'	7°19'	10°32'	27° 3'	21°13'	22° 3'	23°17'	17°39'	2°20'	F 18
S 19	11 45 54	28°21'20"	10°R48	6°28'	16°37'	26° 1'	26°23'	7°27'	10°31'	27° 2'	21°15'	21°59'	23°14'	17°45'	2°21'	S 19
S 20	11 49 50	29°20'50"	25°12'	8° 0'	17°52'	26°48'	26°16'	7°34'	10°29'	27° 0'	21°16'	21°57'	23°11'	17°52'	2°22'	S 20
M21	11 53 47	0°Y20'18"	9°R50	9°34'	19° 6'	27°34'	26° 8'	7°42'	10°28'	26°59'	21°18'	21°55'	23° 7'	17°59'	2°23'	M21
T 22	11 57 44	1°19'44"	24°37'	11° 9'	20°20'	28°21'	26° 0'	7°49'	10°26'	26°58'	21°19'	21°D55	23° 4'	18° 5'	2°24'	T 22
W23	12 1 40	2°19'08"	9°R24	12°45'	21°34'	29° 8'	25°52'	7°57'	10°25'	26°56'	21°20'	21°55'	23° 1'	18°12'	2°26'	W23
T 24	12 5 37	3°18'30"	24° 6'	14°23'	22°48'	29°54'	25°45'	8° 4'	10°24'	26°55'	21°22'	21°57'	22°58'	18°19'	2°27'	T 24
F 25	12 9 33	4°17'51"	8°X36	16° 2'	24° 2'	0°Y41	25°37'	8°12'	10°22'	26°53'	21°23'	21°58'	22°55'	18°25'	2°29'	F 25
S 26	12 13 30	5°17'09"	22°51'	17°43'	25°16'	1°27'	25°30'	8°19'	10°21'	26°52'	21°25'	21°59'	22°52'	18°32'	2°31'	S 26
S 27	12 17 26	6°16'26"	6°R50	19°24'	26°30'	2°14'	25°22'	8°27'	10°20'	26°50'	21°26'	21°R59	22°48'	18°39'	2°32'	S 27
M28	12 21 23	7°15'42"	20°31'	21° 8'	27°44'	3° 0'	25°15'	8°35'	10°19'	26°49'	21°27'	21°59'	22°45'	18°45'	2°34'	M28
T 29	12 25 19	8°14'55"	3°R55	22°52'	28°57'	3°47'	25° 7'	8°42'	10°18'	26°47'	21°29'	21°58'	22°42'	18°52'	2°36'	T 29
W30	12 29 16	9°14'07"	17° 3'	24°38'	0°X11	4°33'	25° 0'	8°50'	10°17'	26°46'	21°30'	21°56'	22°39'	18°59'	2°38'	W30
T 31	12 33 13	10°Y13'17"	29°R55	26°X26	1°R25	5°Y20	24°R52	8°Y57	10°R16	26°R44	21°R31	21°R55	22°R36	19°R 5	2°R40	T 31

Delta T = 21.42 sec

Greg. Calendar

APRIL 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 9	11°Y12'25"	12°R34	28°R14	2°R39	6°Y 6	24°R45	9°Y 5	10°R15	26°R43	21°R32	21°R53	22°R33	19°R12	2°R42	F 1
S 2	12 41 6	12°11'30"	25° 0'	0°Y 5	3°53'	6°52'	24°R38	9°12'	10°R14	26°R41	21°34'	21°R52	22°29'	19°19'	2°45'	S 2
S 3	12 45 2	13°10'34"	7°Y15	1°56'	5° 6'	7°39'	24°31'	9°20'	10°14'	26°39'	21°35'	21°51'	22°26'	19°25'	2°47'	S 3
M 4	12 48 59	14° 9'36"	19°21'	3°49'	6°20'	8°25'	24°24'	9°27'	10°13'	26°38'	21°36'	21°D51	22°23'	19°32'	2°49'	M 4
T 5	12 52 55	15° 8'36"	1°R19	5°44'	7°33'	9°11'	24°17'	9°35'	10°12'	26°36'	21°37'	21°51'	22°20'	19°39'	2°52'	T 5
W 6	12 56 52	16° 7'34"	13°10'	7°40'	8°47'	9°57'	24°10'	9°42'	10°11'	26°35'	21°38'	21°51'	22°17'	19°45'	2°54'	W 6
T 7	13 0 48	17° 6'30"	24°59'	9°37'	10° 1'	10°43'	24° 3'	9°50'	10°11'	26°33'	21°39'	21°52'	22°13'	19°52'	2°57'	T 7
F 8	13 4 45	18° 5'24"	6°II47	11°36'	11°14'	11°29'	23°57'	9°57'	10°10'	26°31'	21°41'	21°52'	22°10'	19°59'	3° 0'	F 8
S 9	13 8 42	19° 4'15"	18°39'	13°36'	12°28'	12°15'	23°50'	10° 5'	10°10'	26°30'	21°42'	21°52'	22° 7'	20° 5'	3° 3'	S 9
S 10	13 12 38	20° 3'04"	0°R38	15°37'	13°41'	13° 1'	23°44'	10°12'	10° 9'	26°28'	21°43'	21°53'	22° 4'	20°12'	3° 5'	S 10
M11	13 16 35	21° 1'51"	12°48'	17°40'	14°54'	13°47'	23°38'	10°20'	10° 9'	26°26'	21°44'	21°53'	22° 1'	20°19'	3° 8'	M11
T 12	13 20 31	22° 0'36"	25°14'	19°44'	16° 8'	14°33'	23°32'	10°27'	10° 9'	26°25'	21°45'	21°53'	21°58'	20°25'	3°11'	T 12
W13	13 24 28	22°59'18"	8°R 0	21°49'	17°21'	15°19'	23°26'	10°35'	10° 8'	26°23'	21°46'	21°53'	21°54'	20°32'	3°15'	W13
T 14	13 28 24	23°57'59"	21° 9'	23°55'	18°34'	16° 5'	23°20'	10°42'	10° 8'	26°22'	21°47'	21°53'	21°51'	20°39'	3°18'	T 14
F 15	13 32 21	24°56'37"	4°R45	26° 1'	19°47'	16°50'	23°14'	10°49'	10° 8'	26°20'	21°48'	21°53'	21°48'	20°45'	3°21'	F 15
S 16	13 36 17	25°55'12"	18°47'	28° 8'	21° 0'	17°36'	23° 8'	10°57'	10° 8'	26°18'	21°49'	21°54'	21°45'	20°52'	3°24'	S 16
S 17	13 40 14	26°53'46"	3°R15	0°R16	22°14'	18°22'	23° 3'	11° 4'	10°D 8	26°17'	21°50'	21°54'	21°42'	20°59'	3°28'	S 17
M18	13 44 10	27°52'17"	18° 3'	2°23'	23°27'	19° 7'	22°58'	11°11'	10° 8'	26°15'	21°50'	21°R54	21°38'	21° 5'	3°31'	M18
T 19	13 48 7	28°50'47"	3°R 5	4°31'	24°40'	19°53'	22°52'	11°19'	10° 8'	26°13'	21°51'	21°54'	21°35'	21°12'	3°35'	T 19
W20	13 52 4	29°49'15"	18°13'	6°38'	25°53'	20°38'	22°47'	11°26'	10° 8'	26°12'	21°52'	21°54'	21°32'	21°19'	3°39'	W20
T 21	13 56 0	0°R47'41"	3°R18	8°44'	27° 5'	21°24'	22°42'	11°33'	10° 8'	26°10'	21°53'	21°53'	21°29'	21°25'	3°42'	T 21
F 22	13 59 57	1°46'05"	18°10'	10°50'	28°18'	22° 9'	22°38'	11°41'	10° 8'	26° 8'	21°54'	21°52'	21°26'	21°32'	3°46'	F 22
S 23	14 3 53	2°44'28"	2°R43	12°54'	29°31'	22°54'	22°33'	11°48'	10° 9'	26° 7'	21°55'	21°51'	21°23'	21°39'	3°50'	S 23
S 24	14 7 50	3°42'49"	16°53'	14°56'	0°II44	23°40'	22°29'	11°55'	10° 9'	26° 5'	21°55'	21°50'	21°19'	21°45'	3°54'	S 24
M25	14 11 46	4°41'08"	0°R39	16°57'	1°57'	24°25'	22°24'	12° 2'	10° 9'	26° 4'	21°56'	21°D49	21°16'	21°52'	3°58'	M25
T 26	14 15 43	5°39'26"	14° 0'	18°55'	3° 9'	25°10'	22°20'	12° 9'	10°10'	26° 2'	21°57'	21°49'	21°13'	21°59'	4° 2'	T 26
W27	14 19 39	6°37'43"	26°59'	20°51'	4°22'	25°55'	22°16'	12°16'	10°10'	26° 0'	21°57'	21°50'	21°10'	22° 5'	4° 6'	W27
T 28	14 23 36	7°35'58"	9°R39	22°44'	5°35'	26°41'	22°13'	12°23'	10°11'	25°59'	21°58'	21°51'	21° 7'	22°12'	4°10'	T 28
F 29	14 27 33	8°34'11"	22° 3'	24°34'	6°47'	27°26'	22° 9'	12°31'	10°12'	25°57'	21°59'	21°53'	21° 4'	22°19'	4°14'	F 29
S 30	14 31 29	9°R32'23"	4°Y15	26°R21	8°II 0	28°Y11	22°R 6	12°Y38	10°R12	25°R56	21°R59	21°R54	21°R 0	22°R25	4°R19	S 30

Delta T = 21.41 sec

Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1791

## geocentric

MAY 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 26	10°30'33	16°17	28°4	9°12	28°56	22°R 2	12°45	10°13	25°R54	22° 0	21°R55	20°57	22°32	4°23	S 1
M 2	14 39 22	11°28'42	28°12	29°44	10°25	29°41	21°59	12°52	10°14	25°52	22° 0	21°54	20°54	22°39	4°27	M 2
T 3	14 43 19	12°26'49	10°8	1°11	11°37	0°25	21°56	12°58	10°14	25°51	22° 1	21°53	20°51	22°45	4°32	T 3
W 4	14 47 15	13°24'55	21°52	2°53	12°49	1°10	21°54	13° 5	10°15	25°49	22° 1	21°51	20°48	22°52	4°36	W 4
T 5	14 51 12	14°22'58	3°11	4°22	14° 1	1°55	21°51	13°12	10°16	25°48	22° 2	21°48	20°44	22°59	4°41	T 5
F 6	14 55 8	15°21'01	15°31	5°47	15°14	2°40	21°49	13°19	10°17	25°46	22° 2	21°44	20°41	23° 5	4°46	F 6
S 7	14 59 5	16°19'01	27°26	7° 9	16°26	3°24	21°46	13°26	10°18	25°45	22° 3	21°40	20°38	23°12	4°50	S 7
S 8	15 3 2	17°17'00	9°29	8°26	17°38	4° 9	21°44	13°32	10°19	25°43	22° 3	21°36	20°35	23°19	4°55	S 8
M 9	15 6 58	18°14'56	21°41	9°39	18°50	4°54	21°43	13°39	10°20	25°42	22° 4	21°33	20°32	23°25	5° 0	M 9
T 10	15 10 55	19°12'51	4°7	10°47	20° 2	5°38	21°41	13°46	10°22	25°40	22° 4	21°31	20°29	23°32	5° 5	T 10
W 11	15 14 51	20°10'45	16°49	11°52	21°14	6°23	21°40	13°52	10°23	25°39	22° 4	21°D30	20°25	23°39	5°10	W 11
T 12	15 18 48	21° 8'36	29°53	12°52	22°26	7° 7	21°38	13°59	10°24	25°37	22° 5	21°30	20°22	23°45	5°15	T 12
F 13	15 22 44	22° 6'26	13°10	13°48	23°38	7°51	21°37	14° 5	10°25	25°36	22° 5	21°31	20°19	23°52	5°20	F 13
S 14	15 26 41	23° 4'13	27°13	14°40	24°49	8°36	21°36	14°12	10°27	25°34	22° 5	21°33	20°16	23°59	5°25	S 14
S 15	15 30 37	24° 2'00	11°32	15°27	26° 1	9°20	21°35	14°18	10°28	25°33	22° 5	21°34	20°13	24° 5	5°30	S 15
M 16	15 34 34	24°59'44	26°16	16°10	27°13	10° 4	21°35	14°25	10°30	25°32	22° 6	21°R34	20° 9	24°12	5°35	M 16
T 17	15 38 31	25°57'27	11°18	16°48	28°24	10°48	21°34	14°31	10°31	25°30	22° 6	21°33	20° 6	24°19	5°40	T 17
W 18	15 42 27	26°55'09	26°32	17°21	29°36	11°32	21°34	14°37	10°33	25°29	22° 6	21°30	20° 3	24°25	5°46	W 18
T 19	15 46 24	27°52'49	11°47	17°50	0°47	12°16	21°D34	14°43	10°34	25°28	22° 6	21°26	20° 0	24°32	5°51	T 19
F 20	15 50 20	28°50'28	26°53	18°14	1°59	13° 0	21°34	14°50	10°36	25°26	22° 6	21°21	19°57	24°39	5°56	F 20
S 21	15 54 17	29°48'07	11°40	18°33	3°10	13°44	21°35	14°56	10°38	25°25	22° 6	21°15	19°54	24°45	6° 2	S 21
S 22	15 58 13	0°11'45	26° 3	18°47	4°21	14°28	21°35	15° 2	10°39	25°24	22° 6	21°10	19°50	24°52	6° 7	S 22
M 23	16 2 10	1°43'20	9°58	18°57	5°32	15°12	21°36	15° 8	10°41	25°22	22°R 6	21° 7	19°47	24°59	6°12	M 23
T 24	16 6 6	2°40'55	23°24	19° 2	6°44	15°56	21°37	15°14	10°43	25°21	22° 6	21° 5	19°44	25° 5	6°18	T 24
W 25	16 10 3	3°38'29	6°24	19°R 2	7°55	16°39	21°38	15°19	10°45	25°20	22° 6	21°D 4	19°41	25°12	6°24	W 25
T 26	16 14 0	4°36'02	19° 1	18°58	9° 6	17°23	21°39	15°25	10°47	25°19	22° 6	21° 5	19°38	25°19	6°29	T 26
F 27	16 17 56	5°33'34	1°19	18°49	10°17	18° 7	21°41	15°31	10°49	25°18	22° 6	21° 7	19°35	25°25	6°35	F 27
S 28	16 21 53	6°31'06	13°23	18°36	11°27	18°50	21°42	15°37	10°51	25°17	22° 6	21° 8	19°31	25°32	6°40	S 28
S 29	16 25 49	7°28'36	25°18	18°19	12°38	19°34	21°44	15°42	10°53	25°15	22° 6	21°R 8	19°28	25°39	6°46	S 29
M 30	16 29 46	8°26'06	7°8	17°59	13°49	20°17	21°46	15°48	10°55	25°14	22° 6	21° 7	19°25	25°45	6°52	M 30
T 31	16 33 42	9°11'35	18°55	17°11	15°0	21°8	0	21°48	15°53	25°13	22° 5	21° 3	19°22	25°52	6°58	T 31

Delta T = 21.39 sec

Greg. Calendar

JUNE 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 37 39	10°11'03	0°11	17°R 9	16°10	21°44	21°50	15°59	11°0	25°R12	22°R 5	20°R57	19°19	25°59	7°3	W 1
T 2	16 41 35	11°18'30	12°35	16°11	17°21	22°27	21°53	16° 4	11° 2	25°11	22° 5	20°50	19°15	26° 5	7° 9	T 2
F 3	16 45 32	12°15'57	24°31	16° 9	18°31	23°10	21°55	16°10	11° 4	25°10	22° 5	20°40	19°12	26°12	7°15	F 3
S 4	16 49 29	13°13'22	6°34	15°36	19°42	23°53	21°58	16°15	11° 6	25° 9	22° 4	20°31	19° 9	26°19	7°21	S 4
S 5	16 53 25	14°10'47	18°45	15° 3	20°52	24°37	22° 1	16°20	11° 9	25° 8	22° 4	20°21	19° 6	26°25	7°27	S 5
M 6	16 57 22	15° 8'10	1°10	14°29	22° 2	25°20	22° 4	16°25	11°11	25° 7	22° 4	20°13	19° 3	26°32	7°33	M 6
T 7	17 1 18	16° 5'32	13°36	13°56	23°12	26° 3	22° 8	16°30	11°14	25° 6	22° 3	20° 6	19° 0	26°39	7°39	T 7
W 8	17 5 15	17° 2'54	26°22	13°24	24°22	26°45	22°11	16°35	11°16	25° 6	22° 3	20° 2	18°56	26°45	7°45	W 8
T 9	17 9 11	18° 0'14	9°10	12°53	25°32	27°28	22°15	16°40	11°19	25° 5	22° 3	20° 0	18°53	26°52	7°51	T 9
F 10	17 13 8	18°57'33	22°46	12°23	26°42	28°11	22°19	16°45	11°21	25° 4	22° 2	20°D 0	18°50	26°59	7°57	F 10
S 11	17 17 4	19°54'52	6°29	11°57	27°52	28°54	22°23	16°49	11°24	25° 3	22° 2	20° 0	18°47	27° 5	8° 3	S 11
S 12	17 21 1	20°52'09	20°36	11°33	29° 1	29°37	22°27	16°54	11°27	25° 2	22° 1	20°R 1	18°44	27°12	8° 9	S 12
M 13	17 24 58	21°49'25	5°11	11°12	0°11	0°11	22°31	16°59	11°29	25° 2	22° 1	20° 0	18°41	27°19	8°15	M 13
T 14	17 28 54	22°46'41	19°55	10°55	1°20	1° 2	22°35	17° 3	11°32	25° 1	22° 0	19°57	18°37	27°25	8°21	T 14
W 15	17 32 51	23°43'56	4°59	10°42	2°30	1°44	22°40	17° 8	11°35	25° 0	22° 0	19°51	18°34	27°32	8°28	W 15
T 16	17 36 47	24°41'11	20° 8	10°34	3°39	2°27	22°45	17°12	11°38	25° 0	21°59	19°44	18°31	27°39	8°34	T 16
F 17	17 40 44	25°38'25	5°13	10°29	4°48	3° 9	22°50	17°16	11°40	24°59	21°58	19°35	18°28	27°45	8°40	F 17
S 18	17 44 40	26°35'38	20° 4	10°D29	5°57	3°52	22°55	17°20	11°43	24°58	21°58	19°25	18°25	27°52	8°46	S 18
S 19	17 48 37	27°32'51	4°32	10°34	7° 6	4°34	23° 0	17°25	11°46	24°58	21°57	19°16	18°21	27°59	8°52	S 19
M 20	17 52 33	28°30'04	18°33	10°43	8°15	5°16	23° 5	17°29	11°49	24°57	21°57	19° 9	18°18	28° 5	8°59	M 20
T 21	17 56 30	29°27'17	2°11	10°57	9°24	5°58	23°11	17°32	11°52	24°57	21°56	19° 3	18°15	28°12	9° 5	T 21
W 22	18 0 27	0°24'30	15° 8	11°16	10°32	6°40	23°16	17°36	11°55	24°56	21°55	19° 1	18°12	28°19	9°11	W 22
T 23	18 4 23	1°21'42	27°46	11°39	11°41	7°23	23°22	17°40	11°58	24°56	21°54	19°D 0	18° 9	28°26	9°17	T 23
F 24	18 8 20	2°18'55	10°5	12° 7	12°49	8° 5	23°28	17°44	12° 1	24°55	21°54	19° 0	18° 6	28°32	9°24	F 24
S 25	18 12 16	3°16'08	22° 8	12°40	13°58	8°47	23°34	17°47	12° 4	24°55	21°53	19°R 0	18° 2	28°39	9°30	S 25
S 26	18 16 13	4°13'20	4°8	13°17	15° 6	9°28	23°40	17°51	12° 7	24°55	21°52	18°59	17°59	28°46	9°36	S 26
M 27	18 20 9	5°10'33	15°49	13°59	16°14	10°10	23°47	17°54	12°10	24°54	21°51	18°56	17°56	28°52	9°43	M 27
T 28	18 24 6	6° 7'46	27°37	14°46	17°22	10°52	23°53	17°58	12°13	24°54	21°50	18°51	17°53	28°59	9°49	T 28
W 29	18 28 2	7° 4'59	9°11	15°37	18°30	11°34	24° 0	18° 1	12°17	24°54	21°50	18°42	17°50	29° 6	9°55	W 29
T 30	18 31 59	8°2'12	21°11	16°11	19°13	12°16	24°10	18°4	12°20	24°54	21°49	18°42	17°47	29°12	10°2	T 30

Delta T = 21.37 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1791  
geocentric

JULY 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 35 56	8♂59'25	3♂30	17♂32	20♂45	12♂57	24♂14	18♂7	12♂23	24♂R53	21♂R48	18♂R19	17♂43	29♂19	10♂8	F 1
S 2	18 39 52	9°56'38	15°43	18°36	21°52	13°39	24°21	18°10	12°26	24♂53	21♂47	18♂6	17°40	29°26	10°14	S 2
S 3	18 43 49	10°53'51	28°7	19°44	22°59	14°20	24°28	18°13	12°30	24°53	21°46	17°53	17°37	29°32	10°21	S 3
M 4	18 47 45	11°51'04	10♂41	20°56	24°7	15°2	24°35	18°16	12°33	24°53	21°45	17°41	17°34	29°39	10°27	M 4
T 5	18 51 42	12°48'17	23°27	22°13	25°14	15°43	24°43	18°19	12°36	24°53	21°44	17°32	17°31	29°46	10°33	T 5
W 6	18 55 38	13°45'30	6♂23	23°33	26°20	16°25	24°50	18°21	12°40	24°53	21°43	17°26	17°27	29°52	10°40	W 6
T 7	18 59 35	14°42'43	19°33	24°58	27°27	17°6	24°58	18°24	12°43	24♂D53	21°42	17°22	17°24	29°59	10°46	T 7
F 8	19 3 31	15°39'55	2♂58	26°26	28°34	17°47	25°6	18°26	12°46	24°53	21°41	17°20	17°21	0♂II 6	10°52	F 8
S 9	19 7 28	16°37'08	16°38	27°58	29°40	18°28	25°13	18°28	12°50	24°53	21°40	17°20	17°18	0°12	10°59	S 9
S 10	19 11 25	17°34'21	0♂36	29°34	0♂46	19°9	25°21	18°31	12°53	24°53	21°39	17°20	17°15	0°19	11°5	S 10
M 11	19 15 21	18°31'33	14°51	1♂14	1°52	19°50	25°30	18°33	12°57	24°53	21°38	17°19	17°12	0°26	11°11	M 11
T 12	19 19 18	19°28'46	29°23	2°57	2°58	20°31	25°38	18°35	13°0	24°53	21°37	17°15	17°8	0°32	11°18	T 12
W 13	19 23 14	20°25'59	14♂7	4°44	4°4	21°12	25°46	18°37	13°4	24°54	21°36	17°9	17°5	0°39	11°24	W 13
T 14	19 27 11	21°23'12	28°57	6°33	5°9	21°53	25°55	18°38	13°7	24°54	21°35	17°0	17°2	0°46	11°30	T 14
F 15	19 31 7	22°20'25	13♂46	8°26	6°14	22°34	26°3	18°40	13°11	24°54	21°34	16°50	16°59	0°52	11°37	F 15
S 16	19 35 4	23°17'38	28°25	10°21	7°19	23°15	26°12	18°42	13°14	24°54	21°33	16°38	16°56	0°59	11°43	S 16
S 17	19 39 1	24°14'53	12♂46	12°19	8°24	23°56	26°21	18°43	13°18	24°55	21°31	16°28	16°53	1°6	11°49	S 17
M 18	19 42 57	25°12'07	26°43	14°19	9°29	24°36	26°30	18°45	13°21	24°55	21°30	16°19	16°49	1°13	11°56	M 18
T 19	19 46 54	26°9'23	10♂14	16°21	10°33	25°17	26°39	18°46	13°25	24°55	21°29	16°13	16°46	1°19	12°2	T 19
W 20	19 50 50	27°6'39	23°19	18°25	11°38	25°57	26°48	18°47	13°29	24°56	21°28	16°9	16°43	1°26	12°8	W 20
T 21	19 54 47	28°3'55	5♂59	20°30	12°42	26°38	26°57	18°48	13°32	24°56	21°27	16°7	16°40	1°33	12°14	T 21
F 22	19 58 43	29°1'13	18°19	22°36	13°45	27°18	27°6	18°49	13°36	24°57	21°26	16°D 7	16°37	1°39	12°21	F 22
S 23	20 2 40	29°58'32	0♂24	24°42	14°49	27°59	27°16	18°50	13°39	24°57	21°24	16°R 7	16°33	1°46	12°27	S 23
S 24	20 6 36	0♂55'52	12°19	26°49	15°52	28°39	27°25	18°51	13°43	24°58	21°23	16°6	16°30	1°53	12°33	S 24
M 25	20 10 33	1°53'12	24°8	28°56	16°55	29°19	27°35	18°52	13°47	24°58	21°22	16°4	16°27	1°59	12°39	M 25
T 26	20 14 30	2°50'34	5♂58	1♂3	17°58	29°59	27°45	18°52	13°50	24°59	21°21	16°0	16°24	2°6	12°45	T 26
W 27	20 18 26	3°47'57	17°53	3°9	19°1	0♂40	27°54	18°53	13°54	25°0	21°20	15°53	16°21	2°13	12°51	W 27
T 28	20 22 23	4°45'20	29°56	5°14	20°3	1°20	28°4	18°53	13°58	25°0	21°18	15°43	16°18	2°19	12°57	T 28
F 29	20 26 19	5°42'45	12♂10	7°19	21°5	2°0	28°14	18°54	14°2	25°1	21°17	15°32	16°14	2°26	13°4	F 29
S 30	20 30 16	6°40'11	24°36	9°22	22°7	2°40	28°24	18°54	14°5	25°2	21°16	15°20	16°11	2°33	13°10	S 30
S 31	20 34 12	7♂37'38	7♂15	11♂25	23♂8	3♂20	28♂35	18°R54	14♂9	25♂3	21♂14	15♂9	16♂8	2♂II39	13♂16	S 31

Delta T = 21.35 sec

Greg. Calendar

AUGUST 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 9	8♂35'05	20♂7	13♂26	24♂10	4♂0	28♂45	18°R54	14♂13	25♂3	21°R13	14°R58	16♂5	2♂II46	13♂22	M 1
T 2	20 42 5	9°32'34	3♂12	15°26	25°10	4°39	28°55	18♂54	14°16	25°4	21♂12	14♂50	16°2	2°53	13°28	T 2
W 3	20 46 2	10°30'03	16°28	17°25	26°11	5°19	29°6	18°54	14°20	25°5	21°11	14°44	15°59	3°0	13°34	W 3
T 4	20 49 59	11°27'33	29°55	19°22	27°11	5°59	29°16	18°53	14°24	25°6	21°9	14°41	15°55	3°6	13°39	T 4
F 5	20 53 55	12°25'04	13♂33	21°17	28°11	6°39	29°27	18°53	14°28	25°7	21°8	14°D40	15°52	3°13	13°45	F 5
S 6	20 57 52	13°22'36	27°21	23°11	29°11	7°18	29°37	18°52	14°31	25°8	21°7	14°41	15°49	3°20	13°51	S 6
S 7	21 1 48	14°20'08	11♂19	25°4	0♂10	7°58	29°48	18°52	14°35	25°9	21°5	14°R41	15°46	3°26	13°57	S 7
M 8	21 5 45	15°17'42	25°27	26°55	1°9	8°37	29°59	18°51	14°39	25°10	21°4	14°41	15°43	3°33	14°3	M 8
T 9	21 9 41	16°15'16	9♂44	28°44	2°7	9°16	0♂10	18°50	14°42	25°11	21°3	14°38	15°39	3°40	14°9	T 9
W 10	21 13 38	17°12'51	24°8	0♂32	3°5	9°56	0°21	18°49	14°46	25°12	21°1	14°34	15°36	3°46	14°14	W 10
T 11	21 17 34	18°10'27	8♂34	2°19	4°3	10°35	0°32	18°48	14°50	25°13	21°0	14°28	15°33	3°53	14°20	T 11
F 12	21 21 31	19°8'05	22°57	4°4	5°0	11°14	0°43	18°47	14°54	25°14	20°59	14°20	15°30	4°0	14°26	F 12
S 13	21 25 28	20°5'43	7♂12	5°48	5°57	11°53	0°54	18°46	14°57	25°15	20°57	14°11	15°27	4°6	14°31	S 13
S 14	21 29 24	21°3'22	21°13	7°30	6°53	12°33	1°5	18°44	15°1	25°16	20°56	14°3	15°24	4°13	14°37	S 14
M 15	21 33 21	22°1'03	4♂56	9°10	7°49	13°12	1°16	18°43	15°5	25°18	20°55	13°56	15°20	4°20	14°42	M 15
T 16	21 37 17	22°58'45	18°17	10°50	8°44	13°51	1°28	18°41	15°8	25°19	20°53	13°51	15°17	4°26	14°48	T 16
W 17	21 41 14	23°56'29	1♂16	12°27	9°39	14°30	1°39	18°40	15°12	25°20	20°52	13°48	15°14	4°33	14°53	W 17
T 18	21 45 10	24°54'14	13°55	14°4	10°33	15°8	1°51	18°38	15°16	25°21	20°51	13°D47	15°11	4°40	14°59	T 18
F 19	21 49 7	25°52'01	26°15	15°39	11°27	15°47	2°2	18°36	15°20	25°23	20°50	13°48	15°8	4°47	15°4	F 19
S 20	21 53 3	26°49'49	8♂20	17°12	12°20	16°26	2°14	18°34	15°23	25°24	20°48	13°49	15°4	4°53	15°10	S 20
S 21	21 57 0	27°47'40	20°16	18°44	13°13	17°5	2°26	18°32	15°27	25°25	20°47	13°50	15°1	5°0	15°15	S 21
M 22	22 0 56	28°45'32	2♂8	20°15	14°5	17°43	2°37	18°30	15°31	25°27	20°46	13°R51	14°58	5°7	15°20	M 22
T 23	22 4 53	29°43'26	13°59	21°44	14°56	18°22	2°49	18°28	15°34	25°28	20°44	13°49	14°55	5°13	15°25	T 23
W 24	22 8 50	0♂41'21	25°56	23°12	15°47	19°0	3°1	18°25	15°38	25°30	20°43	13°46	14°52	5°20	15°30	W 24
T 25	22 12 46	1°39'19	8♂3	24°39	16°37	19°39	3°13	18°23	15°41	25°31	20°42	13°42	14°49	5°27	15°36	T 25
F 26	22 16 43	2°37'18	20°23	26°4	17°26	20°17	3°25	18°21	15°45	25°33	20°40	13°36	14°45	5°33	15°41	F 26
S 27	22 20 39	3°35'19	2♂59	27°27	18°15	20°56	3°37	18°18	15°49	25°34	20°39	13°29	14°42	5°40	15°46	S 27
S 28	22 24 36	4°33'21	15°52	28°49	19°3	21°34	3°49	18°15	15°52	25°36	20°38	13°22	14°39	5°47	15°51	S 28
M 29	22 28 32	5°31'26	29°2	0♂10	19°50	22°12	4°1	18°13	15°56	25°37	20°37	13°16	14°36	5°53	15°55	M 29
T 30	22 32 29	6°29'32	12♂28	1°28	20°37	22°50	4°13	18°10	15°59	25°39	20°35	13°11	14°33	6°0	16°0	T 30
W 31	22 36 25	7♂27'40	26♂8	2♂46	21♂22	23♂29	4♂25	18♂7	16♂3	25♂40	20♂34	13♂8	14♂30	6♂II 7	16♂5	W 31

Delta T = 21.34 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1791  
geocentric

SEPTEMBER 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 22	8♍25'49	10♌0	4♌1	22♌7	24♌7	4♌37	18°R 4	16♌6	25♌42	20°R33	13°D 7	14♌26	6♍14	16♌10	T 1
F 2	22 44 19	9°24'00	24° 0	5°15	22°51	24°45	4°50	18°Y 1	16°10	25°44	20°R32	13♌7	14°23	6°20	16°15	F 2
S 3	22 48 15	10°22'12	8♍7	6°27	23°34	25°22	5° 2	17°57	16°13	25°45	20°30	13° 9	14°20	6°27	16°19	S 3
S 4	22 52 12	11°20'26	22°17	7°37	24°15	26° 0	5°14	17°54	16°17	25°47	20°29	13°10	14°17	6°34	16°24	S 4
M 5	22 56 8	12°18'41	6♍29	8°45	24°56	26°38	5°27	17°51	16°20	25°49	20°28	13°R11	14°14	6°40	16°28	M 5
T 6	23 0 5	13°16'58	20°40	9°51	25°36	27°16	5°39	17°47	16°24	25°51	20°27	13°11	14°10	6°47	16°33	T 6
W 7	23 4 1	14°15'17	4♌49	10°55	26°15	27°53	5°52	17°44	16°27	25°52	20°25	13°10	14° 7	6°54	16°37	W 7
T 8	23 7 58	15°13'37	18°54	11°57	26°52	28°31	6° 4	17°40	16°31	25°54	20°24	13° 7	14° 4	7° 0	16°41	T 8
F 9	23 11 54	16°11'58	2♌51	12°56	27°29	29° 8	6°17	17°37	16°34	25°56	20°23	13° 3	14° 1	7° 7	16°46	F 9
S 10	23 15 51	17°10'21	16°38	13°52	28° 4	29°46	6°29	17°33	16°37	25°58	20°22	13° 0	13°58	7°14	16°50	S 10
S 11	23 19 48	18° 8'46	0♌13	14°45	28°37	0♌23	6°42	17°29	16°41	26° 0	20°21	12°56	13°55	7°20	16°54	S 11
M12	23 23 44	19° 7'12	13°33	15°36	29°10	1° 1	6°54	17°25	16°44	26° 1	20°20	12°53	13°51	7°27	16°58	M12
T 13	23 27 41	20° 5'41	26°36	16°23	29°41	1°38	7° 7	17°22	16°47	26° 3	20°19	12°51	13°48	7°34	17° 2	T 13
W14	23 31 37	21° 4'11	9♍23	17° 6	0♍10	2°15	7°20	17°18	16°50	26° 5	20°17	12°D50	13°45	7°41	17° 6	W14
T 15	23 35 34	22° 2'43	21°53	17°46	0°38	2°52	7°33	17°14	16°54	26° 7	20°16	12°50	13°42	7°47	17°10	T 15
F 16	23 39 30	23° 1'18	4♌9	18°22	1° 5	3°29	7°45	17°10	16°57	26° 9	20°15	12°51	13°39	7°54	17°14	F 16
S 17	23 43 27	23°59'54	16°13	18°53	1°30	4° 6	7°58	17° 5	17° 0	26°11	20°14	12°53	13°36	8° 1	17°17	S 17
S 18	23 47 23	24°58'33	28° 9	19°20	1°53	4°43	8°11	17° 1	17° 3	26°13	20°13	12°54	13°32	8° 7	17°21	S 18
M19	23 51 20	25°57'14	10♍1	19°41	2°14	5°20	8°24	16°57	17° 6	26°15	20°12	12°55	13°29	8°14	17°24	M19
T 20	23 55 16	26°55'57	21°53	19°57	2°34	5°57	8°37	16°53	17° 9	26°17	20°11	12°R56	13°26	8°21	17°28	T 20
W21	23 59 13	27°54'43	3♌50	20° 7	2°52	6°34	8°49	16°48	17°12	26°19	20°10	12°56	13°23	8°27	17°31	W21
T 22	0 3 10	28°53'30	15°57	20°R11	3° 8	7°10	9° 2	16°44	17°15	26°21	20° 9	12°55	13°20	8°34	17°35	T 22
F 23	0 7 6	29°52'20	28°17	20° 8	3°22	7°47	9°15	16°40	17°18	26°23	20° 8	12°54	13°16	8°41	17°38	F 23
S 24	0 11 3	0♌51'12	10♌56	19°59	3°34	8°23	9°28	16°35	17°21	26°25	20° 7	12°53	13°13	8°48	17°41	S 24
S 25	0 14 59	1°50'07	23°55	19°41	3°43	9° 0	9°41	16°31	17°24	26°27	20° 6	12°51	13°10	8°54	17°44	S 25
M26	0 18 56	2°49'03	7♍17	19°17	3°51	9°36	9°54	16°26	17°27	26°29	20° 5	12°50	13° 7	9° 1	17°47	M26
T 27	0 22 52	3°48'02	20°59	18°45	3°56	10°12	10° 7	16°22	17°30	26°31	20° 5	12°49	13° 4	9° 8	17°50	T 27
W28	0 26 49	4°47'02	5♌1	18° 5	4° 0	10°49	10°20	16°17	17°33	26°33	20° 4	12°48	13° 1	9°14	17°53	W28
T 29	0 30 45	5°46'05	19°19	17°18	4°R 1	11°25	10°33	16°12	17°36	26°36	20° 3	12°D48	12°57	9°21	17°56	T 29
F 30	0 34 42	6♌45'10	3♍47	16♌25	3♍59	12♌1	10♌46	16°Y 8	17♌38	26♌38	20°R 2	12♌49	12♌54	9♍28	17♌59	F 30

Delta T = 21.32 sec

Greg. Calendar

OCTOBER 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 39	7♌44'17	18♍20	15°R25	3°R55	12♌37	10♌59	16°R 3	17♌41	26♌40	20°R 1	12♌49	12♌51	9♍34	18♌1	S 1
S 2	0 42 35	8°43'25	2♍53	14♌21	3♍49	13°13	11°12	15°Y58	17°44	26°42	20°R 0	12°49	12°48	9°41	18° 4	S 2
M 3	0 46 32	9°42'36	17°20	13°13	3°41	13°48	11°25	15°54	17°47	26°44	20° 0	12°50	12°45	9°48	18° 7	M 3
T 4	0 50 28	10°41'48	1♌38	12° 3	3°30	14°24	11°38	15°49	17°49	26°46	19°59	12°50	12°41	9°54	18° 9	T 4
W 5	0 54 25	11°41'02	15°44	10°52	3°16	15° 0	11°51	15°44	17°52	26°49	19°58	12°R50	12°38	10° 1	18°11	W 5
T 6	0 58 21	12°40'17	29°36	9°44	3° 0	15°35	12° 4	15°39	17°54	26°51	19°57	12°D50	12°35	10° 8	18°13	T 6
F 7	1 2 18	13°39'35	13♌34	8°39	2°42	16°11	12°17	15°35	17°57	26°53	19°57	12°50	12°32	10°15	18°16	F 7
S 8	1 6 14	14°38'54	26°37	7°40	2°22	16°46	12°30	15°30	17°59	26°55	19°56	12°50	12°29	10°21	18°18	S 8
S 9	1 10 11	15°38'15	9♌46	6°47	1°59	17°22	12°43	15°25	18° 2	26°57	19°55	12°50	12°26	10°28	18°20	S 9
M10	1 14 8	16°37'38	22°42	6° 4	1°34	17°57	12°56	15°20	18° 4	26°59	19°55	12°51	12°22	10°35	18°21	M10
T 11	1 18 4	17°37'02	5♍24	5°30	1° 8	18°32	13° 9	15°16	18° 6	27° 2	19°54	12°51	12°19	10°41	18°23	T 11
W12	1 22 1	18°36'29	17°54	5° 7	0°39	19° 7	13°22	15°11	18° 8	27° 4	19°54	12°R51	12°16	10°48	18°25	W12
T 13	1 25 57	19°35'58	0♌12	4°55	0° 9	19°42	13°35	15° 6	18°11	27° 6	19°53	12°51	12°10	10°55	18°27	T 13
F 14	1 29 54	20°35'28	12°21	4°D54	29♌37	20°17	13°48	15° 1	18°13	27° 8	19°53	12°50	12°10	11° 2	18°28	F 14
S 15	1 33 50	21°35'01	24°21	5° 4	29° 3	20°52	14° 1	14°57	18°15	27°11	19°52	12°49	12° 7	11° 8	18°30	S 15
S 16	1 37 47	22°34'37	6♍15	5°25	28°29	21°26	14°14	14°52	18°17	27°13	19°52	12°47	12° 3	11°15	18°31	S 16
M17	1 41 43	23°34'14	18° 6	5°55	27°54	22° 1	14°27	14°47	18°19	27°15	19°51	12°46	12° 0	11°22	18°32	M17
T 18	1 45 40	24°33'54	29°57	6°35	27°18	22°35	14°40	14°43	18°21	27°17	19°51	12°45	11°57	11°28	18°33	T 18
W19	1 49 36	25°33'36	11♌53	7°23	26°41	23°10	14°53	14°38	18°23	27°20	19°50	12°44	11°54	11°35	18°34	W19
T 20	1 53 33	26°33'20	23°57	8°18	26° 5	23°44	15° 5	14°33	18°25	27°22	19°50	12°D43	11°51	11°42	18°35	T 20
F 21	1 57 30	27°33'06	6♌15	9°21	25°28	24°18	15°18	14°29	18°27	27°24	19°50	12°43	11°47	11°48	18°36	F 21
S 22	2 1 26	28°32'55	18°50	10°29	24°52	24°53	15°31	14°24	18°29	27°26	19°49	12°44	11°44	11°55	18°37	S 22
S 23	2 5 23	29°32'45	1♍46	11°43	24°16	25°27	15°44	14°20	18°31	27°29	19°49	12°45	11°41	12° 2	18°38	S 23
M24	2 9 19	0♍32'38	15° 8	13° 1	23°41	26° 1	15°57	14°15	18°32	27°31	19°49	12°47	11°38	12° 9	18°38	M24
T 25	2 13 16	1°32'34	28°56	14°23	23° 7	26°34	16°10	14°11	18°34	27°33	19°48	12°48	11°35	12°15	18°39	T 25
W26	2 17 12	2°32'31	13♌9	15°48	22°34	27° 8	16°22	14° 6	18°36	27°35	19°48	12°R48	11°32	12°22	18°39	W26
T 27	2 21 9	3°32'30	27°44	17°16	22° 3	27°42	16°35	14° 2	18°37	27°37	19°48	12°48	11°28	12°29	18°40	T 27
F 28	2 25 5	4°32'31	12♍35	18°46	21°33	28°15	16°48	13°58	18°39	27°40	19°48	12°46	11°25	12°35	18°40	F 28
S 29	2 29 2	5°32'35	27°35	20°18	21° 5	28°49	17° 1	13°54	18°40	27°42	19°48	12°43	11°22	12°42	18°40	S 29
S 30	2 32 59	6°32'40	12♍35	21°51	20°39	29°22	17°13	13°49	18°42	27°44	19°48	12°40	11°19	12°49	18°R40	S 30
M31	2 36 55	7♍32'46	27♍25	23♌26	20♌15	29♌55	17♌26	13°Y45	18♌43	27♌46	19°R48	12♌49	11♌16	12♍55	18♌40	M31

Delta T = 21.30 sec

Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1791

## geocentric

NOVEMBER 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 52	8♉32°55'	12♊0°	25♋1°	19♌53°	0♍28°	17♎38°	13♏41°	18♐44°	27♑49°	19♒47°	12♓34°	11♐13°	13♑2°	18♒40°	T 1
W 2	2 44 48	9°33'04"	26°14'	26°37'	19♋33°	1° 1'	17°51'	13♏37°	18°45'	27°51'	19♋47°	12♓32°	11° 9'	13° 9'	18♓40°	W 2
T 3	2 48 45	10°33'16"	10♋6°	28°14'	19°16'	1°34'	18° 4'	13°33'	18°47'	27°53'	19♑47°	12♓31°	11° 6'	13°16'	18°39°	T 3
F 4	2 52 41	11°33'28"	23°36'	29°51'	19° 1'	2° 7'	18°16'	13°29'	18°48'	27°55'	19°47'	12°32'	11° 3'	13°22'	18°39°	F 4
S 5	2 56 38	12°33'43"	6♋45°	1♉28°	18°48'	2°39'	18°29'	13°25'	18°49'	27°57'	19°48'	12°33'	11° 0'	13°29'	18°38°	S 5
S 6	3 0 34	13°33'58"	19°36'	3° 5'	18°38'	3°12'	18°41'	13°22'	18°50'	28° 0'	19°48'	12°35'	10°57'	13°36'	18°38°	S 6
M 7	3 4 31	14°34'15"	2♊13°	4°43'	18°31'	3°44'	18°53'	13°18'	18°51'	28° 2'	19°48'	12°36'	10°53'	13°42'	18°37°	M 7
T 8	3 8 28	15°34'34"	14°37'	6°20'	18°25'	4°16'	19° 6'	13°14'	18°52'	28° 4'	19°48'	12°37'	10°50'	13°49'	18°36°	T 8
W 9	3 12 24	16°34'54"	26°50'	7°57'	18°23'	4°48'	19°18'	13°11'	18°53'	28° 6'	19°48'	12°36'	10°47'	13°56'	18°35°	W 9
T 10	3 16 21	17°35'16"	8♋56°	9°35'	18°D22°	5°20'	19°30'	13° 7'	18°54'	28° 8'	19°48'	12°33'	10°44'	14° 3'	18°34°	T 10
F 11	3 20 17	18°35'40"	20°56'	11°12'	18°25'	5°52'	19°42'	13° 4'	18°54'	28°10'	19°48'	12°28'	10°41'	14° 9'	18°33°	F 11
S 12	3 24 14	19°36'05"	2♉52°	12°48'	18°29'	6°24'	19°54'	13° 0'	18°55'	28°13'	19°49'	12°22'	10°38'	14°16'	18°32°	S 12
S 13	3 28 10	20°36'32"	14°44'	14°25'	18°36'	6°55'	20° 7'	12°57'	18°56'	28°15'	19°49'	12°15'	10°34'	14°23'	18°31°	S 13
M14	3 32 7	21°37'01"	26°35'	16° 1'	18°45'	7°27'	20°19'	12°54'	18°56'	28°17'	19°49'	12° 7'	10°31'	14°29'	18°29°	M14
T 15	3 36 3	22°37'31"	8♋27°	17°38'	18°57'	7°58'	20°31'	12°51'	18°57'	28°19'	19°49'	12° 0'	10°28'	14°36'	18°28°	T 15
W16	3 40 0	23°38'03"	20°23'	19°14'	19°10'	8°29'	20°43'	12°48'	18°57'	28°21'	19°50'	11°54'	10°25'	14°43'	18°26°	W16
T 17	3 43 57	24°38'37"	2♉26°	20°49'	19°26'	9° 0'	20°54'	12°45'	18°58'	28°23'	19°50'	11°49'	10°22'	14°50'	18°25°	T 17
F 18	3 47 53	25°39'13"	14°40'	22°25'	19°44'	9°31'	21° 6'	12°42'	18°58'	28°25'	19°51'	11°46'	10°18'	14°56'	18°23°	F 18
S 19	3 51 50	26°39'50"	27° 9'	24° 0'	20° 4'	10° 1'	21°18'	12°39'	18°59'	28°27'	19°51'	11°D46°	10°15'	15° 3'	18°21°	S 19
S 20	3 55 46	27°40'29"	9♉59°	25°36'	20°25'	10°32'	21°30'	12°37'	18°59'	28°29'	19°51'	11°46'	10°12'	15°10'	18°19°	S 20
M21	3 59 43	28°41'09"	23°12'	27°11'	20°49'	11° 2'	21°41'	12°34'	18°59'	28°31'	19°52'	11°48'	10° 9'	15°16'	18°17°	M21
T 22	4 3 39	29°41'52"	6♋53°	28°45'	21°14'	11°32'	21°53'	12°32'	18°59'	28°33'	19°52'	11°R49°	10° 6'	15°23'	18°15°	T 22
W23	4 7 36	0♉42°36'	21° 2'	0♉20°	21°42'	12° 3'	22° 5'	12°29'	18°59'	28°35'	19°53'	11°48'	10° 3'	15°30'	18°13°	W23
T 24	4 11 32	1°43'21"	5♉38°	1°55'	22°10'	12°32'	22°16'	12°27'	18°R59°	28°37'	19°53'	11°46'	9°59'	15°36'	18°11°	T 24
F 25	4 15 29	2°44'08"	20°38'	3°29'	22°41'	13° 2'	22°27'	12°25'	18°59'	28°39'	19°54'	11°41'	9°56'	15°43'	18° 9°	F 25
S 26	4 19 26	3°44'56"	5♉52°	5° 3'	23°13'	13°32'	22°39'	12°23'	18°59'	28°41'	19°55'	11°35'	9°53'	15°50'	18° 6°	S 26
S 27	4 23 22	4°45'46"	21°11'	6°38'	23°46'	14° 1'	22°50'	12°21'	18°59'	28°43'	19°55'	11°26'	9°50'	15°57'	18° 4°	S 27
M28	4 27 19	5°46'37"	6♊22°	8°12'	24°21'	14°30'	23° 1'	12°19'	18°59'	28°45'	19°56'	11°18'	9°47'	16° 3'	18° 1°	M28
T 29	4 31 15	6°47'29"	21°17'	9°46'	24°57'	14°59'	23°12'	12°17'	18°59'	28°47'	19°57'	11°10'	9°44'	16°10'	17°59°	T 29
W30	4 35 12	7♉48°21'	5♉47°	11♉20°	25♋35°	15♌28°	23♎23°	12♏15°	18♐59°	28♑48°	19♒57°	11♓4°	9♐40°	16♑17°	17♓56°	W30

Delta T = 21.28 sec

Greg. Calendar

DECEMBER 1791

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 8	8♉49°15'	19♋49°	12♊54°	26♋14°	15♌56°	23♎34°	12♏14°	18♐58°	28♑50°	19♒58°	11♓0°	9♐37°	16♑23°	17♒53°	T 1
F 2	4 43 5	9°50'09"	3♋23°	14°28'	26°54'	16°25'	23°45'	12♏12°	18♐58°	28°52'	19°59'	10♓58°	9°34°	16°30°	17♓50°	F 2
S 3	4 47 1	10°51'04"	16°20'	16° 2'	27°35'	16°53'	23°56'	12°11'	18°57°	28°54°	20° 0'	10°D58°	9°31°	16°37°	17°47°	S 3
S 4	4 50 58	11°52'00"	29°15'	17°35'	28°18'	17°21'	24° 6'	12°10'	18°57°	28°56°	20° 0'	10°58°	9°28°	16°44°	17°44°	S 4
M 5	4 54 55	12°52'56"	11♊42°	19° 9'	29° 1'	17°48'	24°17'	12° 9'	18°56°	28°57°	20° 1'	10°R59°	9°24°	16°50°	17°41°	M 5
T 6	4 58 51	13°53'53"	23°54'	20°43'	29°46'	18°16'	24°28'	12° 8'	18°56°	28°59°	20° 2'	10°58°	9°21°	16°57°	17°38°	T 6
W 7	5 2 48	14°54'51"	5♋57°	22°17'	0♉31°	18°43'	24°38'	12° 7'	18°55°	29° 1'	20° 3'	10°55°	9°18°	17° 4°	17°35°	W 7
T 8	5 6 44	15°55'50"	17°54'	23°51'	1°18'	19°10'	24°48'	12° 6'	18°54°	29° 2'	20° 4'	10°49°	9°15°	17°10°	17°32°	T 8
F 9	5 10 41	16°56'49"	29°47'	25°25'	2° 6'	19°37'	24°59'	12° 5'	18°54°	29° 4'	20° 5'	10°40°	9°12°	17°17°	17°28°	F 9
S 10	5 14 37	17°57'49"	11♉39°	26°59'	2°54'	20° 4'	25° 9'	12° 4'	18°53°	29° 6'	20° 6'	10°29°	9° 9'	17°24°	17°25°	S 10
S 11	5 18 34	18°58'50"	23°31'	28°34'	3°43'	20°30'	25°19'	12° 4'	18°52°	29° 7'	20° 7'	10°16°	9° 5'	17°31°	17°22°	S 11
M12	5 22 30	19°59'52"	5♋25°	0♊8°	4°33'	20°56'	25°29'	12° 4'	18°51°	29° 9'	20° 8'	10° 2'	9° 2'	17°37°	17°18°	M12
T 13	5 26 27	21° 0'54"	17°21'	1°42'	5°24'	21°22'	25°39'	12° 3'	18°50°	29°11'	20° 9'	9°48°	8°59°	17°51°	17°15°	T 13
W14	5 30 24	22° 1'57"	29°22'	3°16'	6°16'	21°48'	25°48'	12° 3'	18°49°	29°12'	20°10'	9°36°	8°56°	17°54°	17°11°	W14
T 15	5 34 20	23° 3'01"	11♉29°	4°50'	7° 9'	22°13'	25°58'	12°D 3'	18°48°	29°14'	20°11'	9°27°	8°53°	17°57°	17° 7°	T 15
F 16	5 38 17	24° 4'06"	23°45'	6°24'	8° 2'	22°38'	26° 8'	12° 3'	18°47°	29°15'	20°12'	9°20°	8°50°	18° 4°	17° 4°	F 16
S 17	5 42 13	25° 5'12"	6♉14°	7°57'	8°56'	23° 3'	26°17'	12° 3'	18°45°	29°17'	20°13'	9°17°	8°46°	18°11°	17° 0°	S 17
S 18	5 46 10	26° 6'18"	18°59'	9°31'	9°50'	23°28'	26°26'	12° 4'	18°44°	29°18'	20°14'	9°15°	8°43°	18°18°	16°56°	S 18
M19	5 50 6	27° 7'25"	2♋4°	11° 4'	10°46'	23°52'	26°36'	12° 4'	18°43°	29°19'	20°15°	9°15°	8°40°	18°24°	16°52°	M19
T 20	5 54 3	28° 8'33"	15°33'	12°37'	11°41'	24°16'	26°45'	12° 4'	18°42°	29°21'	20°16°	9°15°	8°37°	18°31°	16°48°	T 20
W21	5 57 59	29° 9'41"	29°29'	14° 9'	12°38'	24°40'	26°54'	12° 5'	18°40°	29°22'	20°18°	9°14°	8°34°	18°38°	16°44°	W21
T 22	6 1 56	0♊10°51'	13♉53°	15°41'	13°35'	25° 4'	27° 3'	12° 6'	18°39°	29°23'	20°19°	9°10°	8°30°	18°44°	16°40°	T 22
F 23	6 5 53	1°12'01"	17°12'	14°32'	25°27'	27°12'	12° 7'	12° 7'	18°37°	29°25'	20°20°	9° 4°	8°27°	18°51°	16°36°	F 23
S 24	6 9 49	2°13'11"	13♉51°	18°42'	15°30'	25°50'	27°20'	12° 7'	18°36°	29°26°	20°21°	8°55°	8°24°	18°58°	16°32°	S 24
S 25	6 13 46	3°14'22"	29°10'	20°11'	16°29'	26°12'	27°29'	12° 9'	18°34°	29°27°	20°23°	8°44°	8°21°	19° 5°	16°28°	S 25
M26	6 17 42	4°15'33"	14♊27°	21°39'	17°28'	26°34'	27°37'	12°10'	18°33°	29°28°	20°24°	8°32°	8°18°	19°11°	16°24°	M26
T 27	6 21 39	5°16'44"	29°32'	23° 4'	18°28'	26°56'	27°46'	12°11'	18°31°	29°30°	20°25°	8°20°	8°15°	19°18°	16°20°	T 27
W28	6 25 35	6°17'56"	14♉15°	24°28'	19°28'	27°18'	27°54'	12°12'	18°29°	29°31°	20°26°	8°11°	8°11°	19°25°	16°16°	W28
T 29	6 29 32	7°19'07"	28°29'	25°50'	20°28'	27°39'	28° 2'	12°14°	18°28°	29°32°	20°28°	8° 4°	8° 8°	19°31°	16°12°	T 29
F 30	6 33 29	8°20'17"	12♉13°	27° 8'	21°29'	28° 0'	28°10'	12°15°	18°26°	29°33°	20°29°	8° 0°	8° 5°	19°38°	16° 8°	F 30
S 31	6 37 25	9♊21°28'	25♋27°	28♋23°	22♌30°	28♌20°	28♎17°	12♏17°	18♐24°	29♑34°	20♒31°	7♓59°	8♐2°	19♑45°	16♓3°	S 31

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