



# Astrodienst Ephemeris Tables for the year 1911

tropical geocentric zodiac

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

Programming  
Dieter Koch and Alois Treindl  
based on Swiss Ephemeris  
Code D5EPX

# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

JANUARY 1911

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 38 6	9°27'45	13°31	26°R22	17°359	8°27	9°M31	29°R42	24°323	20°R28	26°R41	18°R 5	16°R26	14°R50	29°R14	S 1
M 2	6 42 3	10°28'56	25°19	26°320	19°15	8°44	9°41	29°D42	24°26	20°227	26°I40	17°R55	16°23	1°57	29°17	M 2
T 3	6 45 59	11°30'07	7°48	26° 7	20°30	9°26	9°50	29°Y42	24°30	20°25	26°38	17°44	16°20	2° 3	29°20	T 3
W 4	6 49 56	12°31'17	20°28	25°42	21°46	10° 8	9°59	29°42	24°33	20°23	26°37	17°34	16°17	2°10	29°23	W 4
T 5	6 53 53	13°32'28	3°19	25° 5	23° 1	10°51	10° 8	29°42	24°37	20°22	26°36	17°26	16°14	2°17	29°26	T 5
F 6	6 57 49	14°33'38	16°24	24°17	24°16	11°33	10°17	29°42	24°40	20°20	26°35	17°20	16°10	2°23	29°29	F 6
S 7	7 1 46	15°34'47	29°42	23°18	25°32	12°15	10°25	29°43	24°44	20°18	26°34	17°16	16° 7	2°30	29°32	S 7
S 8	7 5 42	16°35'57	13°Y15	22°11	26°47	12°58	10°34	29°43	24°47	20°17	26°33	17°D15	16° 4	2°37	29°35	S 8
M 9	7 9 39	17°37'05	27° 4	20°57	28° 2	13°40	10°42	29°44	24°51	20°15	26°32	17°15	16° 1	2°43	29°39	M 9
T 10	7 13 35	18°38'14	11°R11	19°39	29°18	14°22	10°51	29°45	24°54	20°13	26°31	17°R16	15°58	2°50	29°42	T 10
W11	7 17 32	19°39'21	25°35	18°19	0°33	15° 5	10°59	29°46	24°58	20°12	26°30	17°15	15°54	2°56	29°45	W11
T 12	7 21 28	20°40'29	10°I13	17° 0	1°48	15°47	11° 7	29°47	25° 1	20°10	26°28	17°13	15°51	3° 3	29°49	T 12
F 13	7 25 25	21°41'35	25° 1	15°44	3° 4	16°30	11°15	29°48	25° 5	20° 8	26°27	17° 9	15°48	3°10	29°52	F 13
S 14	7 29 22	22°42'41	9°E52	14°33	4°19	17°12	11°23	29°49	25° 8	20° 6	26°26	17° 1	15°45	3°16	29°55	S 14
S 15	7 33 18	23°43'47	24°37	13°29	5°34	17°55	11°30	29°51	25°12	20° 5	26°25	16°51	15°42	3°23	29°59	S 15
M16	7 37 15	24°44'52	9°R 9	12°33	6°50	18°38	11°38	29°52	25°16	20° 3	26°24	16°40	15°39	3°30	0° 2	M16
T 17	7 41 11	25°45'57	23°21	11°47	8° 5	19°20	11°45	29°54	25°19	20° 1	26°23	16°29	15°35	3°36	0° 6	T 17
W18	7 45 8	26°47'01	7°M 7	11° 9	9°20	20° 3	11°53	29°56	25°23	20° 0	26°22	16°19	15°32	3°43	0° 9	W18
T 19	7 49 4	27°48'05	20°25	10°42	10°35	20°46	12° 0	29°57	25°26	19°58	26°21	16°11	15°29	3°50	0°13	T 19
F 20	7 53 1	28°49'08	3°A18	10°23	11°51	21°29	12° 7	29°59	25°30	19°56	26°20	16° 6	15°26	3°56	0°16	F 20
S 21	7 56 57	29°50'11	15°47	10°14	13° 6	22°11	12°14	0° 1	25°33	19°55	26°19	16° 3	15°23	4° 3	0°20	S 21
S 22	8 0 54	0°51'14	27°57	10°D13	14°21	22°54	12°20	0° 3	25°37	19°53	26°18	16°D 2	15°20	4°10	0°23	S 22
M23	8 4 51	1°52'16	9°M54	10°20	15°36	23°37	12°27	0° 6	25°40	19°51	26°17	16°R 2	15°16	4°16	0°27	M23
T 24	8 8 47	2°53'18	21°42	10°34	16°51	24°20	12°33	0° 8	25°44	19°50	26°16	16° 2	15°13	4°23	0°31	T 24
W25	8 12 44	3°54'19	3°A29	10°55	18° 6	25° 3	12°40	0°10	25°47	19°48	26°16	16° 1	15°10	4°30	0°34	W25
T 26	8 16 40	4°55'20	15°18	11°23	19°22	25°46	12°46	0°13	25°51	19°46	26°15	15°57	15° 7	4°36	0°38	T 26
F 27	8 20 37	5°56'20	27°14	11°55	20°37	26°29	12°52	0°16	25°54	19°45	26°14	15°51	15° 4	4°43	0°42	F 27
S 28	8 24 33	6°57'20	9°E21	12°34	21°52	27°12	12°57	0°18	25°58	19°43	26°13	15°42	15° 0	4°50	0°45	S 28
S 29	8 28 30	7°58'18	21°41	13°16	23° 7	27°55	13° 3	0°21	26° 1	19°42	26°12	15°30	14°57	4°56	0°49	S 29
M30	8 32 26	8°59'16	4°A14	14° 3	24°22	28°38	13° 9	0°24	26° 5	19°40	26°11	15°17	14°54	5° 3	0°53	M30
T 31	8 36 23	10°00'13	17°R 2	14°E54	25°37	29°21	13°M14	0°27	26° 8	19°38	26°I10	15°R 2	14°R51	5°A10	0°57	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23s 7	26s58	4s11	20s45	0n 9	23s15	1s 1	21s39	0n 0	13s36	1n 8	9n 0	2s32	21s44	0s29	21n15
M 2	23 2	25 43	4 42	20 28	0 26	23 6	1 3	21 47	0s 0	13 39	1 8	9 0	2 32	21 43	0 29	21 15
T 3	22 57	23 10	5 1	20 12	0 45	22 57	1 4	21 54	0 1	13 41	1 8	9 0	2 32	21 43	0 29	21 15
W 4	22 52	19 29	5 5	19 58	1 4	22 47	1 6	22 1	0 2	13 44	1 8	9 0	2 31	21 42	0 29	21 16
T 5	22 46	14 51	4 54	19 46	1 24	22 36	1 8	22 7	0 2	13 47	1 9	9 1	2 31	21 42	0 29	21 16
F 6	22 39	9 28	4 27	19 35	1 43	22 25	1 9	22 14	0 3	13 49	1 9	9 1	2 31	21 41	0 29	21 16
S 7	22 33	3 35	3 46	19 27	2 1	22 12	1 11	22 20	0 4	13 52	1 9	9 2	2 31	21 40	0 29	21 17
S 8	22 25	2n36	2 51	19 20	2 19	22 0	1 12	22 26	0 4	13 55	1 9	9 2	2 30	21 40	0 29	21 17
M 9	22 18	8 47	1 46	19 16	2 35	21 46	1 14	22 32	0 5	13 57	1 9	9 3	2 30	21 39	0 29	21 17
T 10	22 9	14 41	0 32	19 13	2 49	21 32	1 15	22 38	0 6	13 59	1 9	9 3	2 30	21 38	0 29	21 17
W11	22 1	19 53	0n44	19 12	3 1	21 17	1 17	22 44	0 7	14 2	1 9	9 4	2 29	21 38	0 29	21 18
T 12	21 52	23 58	1 59	19 13	3 11	21 2	1 18	22 49	0 7	14 4	1 10	9 5	2 29	21 37	0 29	21 18
F 13	21 42	26 28	3 7	19 15	3 18	20 46	1 19	22 54	0 8	14 7	1 10	9 5	2 29	21 37	0 29	21 18
S 14	21 32	27 6	4 2	19 18	3 23	20 29	1 20	22 59	0 9	14 9	1 10	9 6	2 28	21 36	0 29	21 18
S 15	21 22	25 48	4 40	19 22	3 25	20 12	1 21	23 3	0 9	14 11	1 10	9 7	2 28	21 35	0 29	21 19
M16	21 11	22 47	5 0	19 28	3 25	19 54	1 22	23 8	0 10	14 13	1 10	9 7	2 28	21 35	0 29	21 19
T 17	20 0	18 28	5 0	19 34	3 23	19 36	1 23	23 12	0 11	14 15	1 10	9 8	2 28	21 34	0 29	21 19
W18	20 49	13 17	4 43	19 41	3 19	19 17	1 24	23 16	0 11	14 17	1 10	9 9	2 27	21 33	0 29	21 19
T 19	20 37	7 38	4 11	19 49	3 13	18 58	1 25	23 20	0 12	14 19	1 11	9 10	2 27	21 33	0 29	21 20
F 20	20 24	1 51	3 26	19 57	3 7	18 38	1 26	23 24	0 13	14 21	1 11	9 11	2 27	21 32	0 29	21 20
S 21	20 12	3s51	2 33	20 5	2 59	18 17	1 27	23 27	0 14	14 23	1 11	9 12	2 26	21 31	0 29	21 20
S 22	19 59	9 17	1 35	20 14	2 50	17 56	1 28	23 30	0 14	14 25	1 11	9 13	2 26	21 31	0 29	21 20
M23	19 45	14 16	0 33	20 23	2 41	17 34	1 28	23 33	0 15	14 27	1 11	9 14	2 26	21 30	0 29	21 21
T 24	19 31	18 41	0s30	20 31	2 31	17 12	1 29	23 36	0 16	14 29	1 11	9 15	2 26	21 30	0 29	21 21
W25	19 17	22 21	1 31	20 40	2 21	16 50	1 29	23 38	0 17	14 31	1 12	9 16	2 25	21 29	0 29	21 21
T 26	19 3	25 6	2 28	20 48	2 10	16 27	1 30	23 40	0 17	14 32	1 12	9 17	2 25	21 28	0 29	21 21
F 27	18 48	26 45	3 20	20 56	2 0	16 3	1 30	23 42	0 18	14 34	1 12	9 19	2 25	21 28	0 29	21 22
S 28	18 33	27 9	4 3	21 3	1 49	15 39	1 31	23 44	0 19	14 35	1 12	9 20	2 24	21 27	0 29	21 22
S 29	18 17	26 14	4 35	21 9	1 39	15 15	1 31	23 46	0 20	14 37	1 12	9 21	2 24	21 26	0 29	21 22
M30	18 1	23 58	4 54	21 15	1 28	14 50	1 31	23 47	0 20	14 39	1 12	9 22	2 24	21 26	0 29	21 22
T 31	17s45	20s30	5s 0	21s20	1n17	14s25	1s31	23s48	0s21	14s40	1n13	9n24	2s24	21s25	0s29	21n23

Julian Day Number = 2419037.5, Delta T = 12.43 sec  
 Ecliptic obliquity = 23°27'09, Nutation = - 0°00'12, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°29'50, Lahiri = 22°36'51

# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

FEBRUARY 1911

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 40 20	11° 1' 08"	0° 3' 3"	15° 3' 48"	26° 52' 52"	0° 3' 5"	13° 19' 19"	0° 3' 30"	26° 3' 12"	19° 37' 37"	26° 10' 10"	14° 49' 49"	14° 48' 48"	5° 16' 16"	1° 1' 1"	W 1
T 2	8 44 16	12° 2' 03"	13° 16' 16"	16° 46' 46"	28° 7' 7"	0° 48' 48"	13° 24' 24"	0° 34' 34"	26° 15' 15"	19° 35' 35"	26° 9' 9"	14° 37' 37"	14° 45' 45"	5° 23' 23"	1° 4' 4"	T 2
F 3	8 48 13	13° 2' 56"	26° 39' 39"	17° 46' 46"	29° 22' 22"	1° 31' 31"	13° 29' 29"	0° 37' 37"	26° 19' 19"	19° 34' 34"	26° 8' 8"	14° 28' 28"	14° 41' 41"	5° 29' 29"	1° 8' 8"	F 3
S 4	8 52 9	14° 3' 48"	10° 12' 12"	18° 49' 49"	0° 37' 37"	2° 14' 14"	13° 34' 34"	0° 41' 41"	26° 22' 22"	19° 32' 32"	26° 7' 7"	14° 23' 23"	14° 38' 38"	5° 36' 36"	1° 12' 12"	S 4
S 5	8 56 6	15° 4' 38"	23° 54' 54"	19° 55' 55"	1° 52' 52"	2° 57' 57"	13° 38' 38"	0° 44' 44"	26° 26' 26"	19° 31' 31"	26° 6' 6"	14° 20' 20"	14° 35' 35"	5° 43' 43"	1° 16' 16"	S 5
M 6	9 0 2	16° 5' 27"	7° 45' 45"	21° 2' 2"	3° 7' 7"	3° 41' 41"	13° 42' 42"	0° 48' 48"	26° 29' 29"	19° 29' 29"	26° 6' 6"	14° 19' 19"	14° 32' 32"	5° 49' 49"	1° 20' 20"	M 6
T 7	9 3 59	17° 6' 15"	21° 45' 45"	22° 12' 12"	4° 22' 22"	4° 24' 24"	13° 47' 47"	0° 51' 51"	26° 32' 32"	19° 28' 28"	26° 5' 5"	14° 19' 19"	14° 29' 29"	5° 56' 56"	1° 24' 24"	T 7
W 8	9 7 55	18° 7' 01"	5° 11' 53"	23° 24' 24"	5° 37' 37"	5° 8' 8"	13° 51' 51"	0° 55' 55"	26° 36' 36"	19° 26' 26"	26° 4' 4"	14° 18' 18"	14° 26' 26"	6° 3' 3"	1° 28' 28"	W 8
T 9	9 11 52	19° 7' 45"	20° 9' 9"	24° 37' 37"	6° 52' 52"	5° 51' 51"	13° 54' 54"	0° 59' 59"	26° 39' 39"	19° 25' 25"	26° 4' 4"	14° 16' 16"	14° 22' 22"	6° 9' 9"	1° 32' 32"	T 9
F 10	9 15 49	20° 8' 28"	4° 31' 31"	25° 52' 52"	8° 7' 7"	6° 34' 34"	13° 58' 58"	1° 3' 3"	26° 42' 42"	19° 23' 23"	26° 3' 3"	14° 10' 10"	14° 19' 19"	6° 16' 16"	1° 36' 36"	F 10
S 11	9 19 45	21° 9' 09"	18° 55' 55"	27° 9' 9"	9° 22' 22"	7° 18' 18"	14° 2' 2"	1° 7' 7"	26° 46' 46"	19° 22' 22"	26° 2' 2"	14° 2' 2"	14° 16' 16"	6° 23' 23"	1° 40' 40"	S 11
S 12	9 23 42	22° 9' 49"	3° 15' 15"	28° 27' 27"	10° 36' 36"	8° 1' 1"	14° 5' 5"	1° 12' 12"	26° 49' 49"	19° 21' 21"	26° 2' 2"	13° 52' 52"	14° 13' 13"	6° 29' 29"	1° 44' 44"	S 12
M13	9 27 38	23° 10' 28"	17° 25' 25"	29° 46' 46"	11° 51' 51"	8° 45' 45"	14° 8' 8"	1° 16' 16"	26° 52' 52"	19° 19' 19"	26° 1' 1"	13° 39' 39"	14° 10' 10"	6° 36' 36"	1° 48' 48"	M13
T 14	9 31 35	24° 11' 04"	1° 10' 21"	1° 10' 21"	13° 6' 6"	9° 28' 28"	14° 11' 11"	1° 20' 20"	26° 55' 55"	19° 18' 18"	26° 1' 1"	13° 27' 27"	14° 6' 6"	6° 43' 43"	1° 52' 52"	T 14
W15	9 35 31	25° 11' 40"	14° 57' 57"	2° 29' 29"	14° 21' 21"	10° 12' 12"	14° 14' 14"	1° 25' 25"	26° 59' 59"	19° 17' 17"	26° 0' 0"	13° 15' 15"	14° 3' 3"	6° 49' 49"	1° 56' 56"	W15
T 16	9 39 28	26° 12' 13"	28° 11' 11"	3° 53' 53"	15° 35' 35"	10° 56' 56"	14° 16' 16"	1° 29' 29"	27° 2' 2"	19° 15' 15"	26° 0' 0"	13° 6' 6"	14° 0' 0"	6° 56' 56"	2° 0' 0"	T 16
F 17	9 43 24	27° 12' 46"	11° 12' 12"	5° 17' 17"	16° 50' 50"	11° 39' 39"	14° 19' 19"	1° 34' 34"	27° 5' 5"	19° 14' 14"	25° 59' 59"	12° 59' 59"	13° 57' 57"	7° 3' 3"	2° 4' 4"	F 17
S 18	9 47 21	28° 13' 17"	23° 32' 32"	6° 43' 43"	18° 5' 5"	12° 23' 23"	14° 21' 21"	1° 39' 39"	27° 8' 8"	19° 13' 13"	25° 59' 59"	12° 55' 55"	13° 54' 54"	7° 9' 9"	2° 8' 8"	S 18
S 19	9 51 18	29° 13' 47"	5° 11' 44"	8° 9' 9"	19° 19' 19"	13° 7' 7"	14° 23' 23"	1° 43' 43"	27° 11' 11"	19° 12' 12"	25° 58' 58"	12° 54' 54"	13° 51' 51"	7° 16' 16"	2° 12' 12"	S 19
M20	9 55 14	0° 14' 16"	17° 43' 43"	9° 37' 37"	20° 34' 34"	13° 51' 51"	14° 25' 25"	1° 48' 48"	27° 15' 15"	19° 10' 10"	25° 58' 58"	12° 54' 54"	13° 47' 47"	7° 23' 23"	2° 16' 16"	M20
T 21	9 59 11	1° 14' 43"	29° 34' 34"	11° 6' 6"	21° 48' 48"	14° 34' 34"	14° 27' 27"	1° 53' 53"	27° 18' 18"	19° 9' 9"	25° 57' 57"	12° 54' 54"	13° 44' 44"	7° 29' 29"	2° 20' 20"	T 21
W22	10 3 7	2° 15' 09"	11° 12' 22"	12° 36' 36"	23° 3' 3"	15° 18' 18"	14° 28' 28"	1° 58' 58"	27° 21' 21"	19° 8' 8"	25° 57' 57"	12° 54' 54"	13° 41' 41"	7° 36' 36"	2° 24' 24"	W22
T 23	10 7 4	3° 15' 34"	23° 13' 13"	14° 7' 7"	24° 17' 17"	16° 2' 2"	14° 29' 29"	2° 3' 3"	27° 24' 24"	19° 7' 7"	25° 57' 57"	12° 51' 51"	13° 38' 38"	7° 43' 43"	2° 28' 28"	T 23
F 24	10 11 0	4° 15' 58"	5° 12' 12"	15° 39' 39"	25° 32' 32"	16° 46' 46"	14° 30' 30"	2° 9' 9"	27° 27' 27"	19° 6' 6"	25° 56' 56"	12° 47' 47"	13° 35' 35"	7° 49' 49"	2° 32' 32"	F 24
S 25	10 14 57	5° 16' 20"	17° 24' 24"	17° 11' 11"	26° 46' 46"	17° 30' 30"	14° 31' 31"	2° 14' 14"	27° 30' 30"	19° 5' 5"	25° 56' 56"	12° 40' 40"	13° 32' 32"	7° 56' 56"	2° 36' 36"	S 25
S 26	10 18 53	6° 16' 40"	29° 51' 51"	18° 45' 45"	28° 1' 1"	18° 14' 14"	14° 32' 32"	2° 19' 19"	27° 33' 33"	19° 4' 4"	25° 56' 56"	12° 31' 31"	13° 28' 28"	8° 3' 3"	2° 40' 40"	S 26
M27	10 22 50	7° 16' 59"	12° 36' 36"	20° 20' 20"	29° 15' 15"	18° 58' 58"	14° 33' 33"	2° 25' 25"	27° 36' 36"	19° 3' 3"	25° 55' 55"	12° 20' 20"	13° 25' 25"	8° 9' 9"	2° 44' 44"	M27
T 28	10 26 47	8° 17' 16"	25° 40' 40"	21° 56' 56"	0° 12' 29"	19° 42' 42"	14° 33' 33"	2° 30' 30"	27° 39' 39"	19° 2' 2"	25° 55' 55"	12° 8' 8"	13° 22' 22"	8° 16' 16"	2° 48' 48"	T 28

Day	☉	☾		♀		♀		♂		♂		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s28	15s58	4s49	21s25	1n 7	13s59	1s31	23s49	0s22	14s41	1n13	9n25	2s23	21s24	0s30	21n23	0s39	16n41	6s43	16n17	16n17	22s58	6s 1	5n28	
T 2	17 12	10 38	4 24	21 28	0 57	13 33	1 31	23 50	0 23	14 43	1 13	9 26	2 23	21 24	0 30	21 23	0 39	16 41	6 43	16 14	16 16	23 0	5 59	5 27	
F 3	16 55	4 45	3 43	21 30	0 46	13 7	1 31	23 50	0 23	14 44	1 13	9 28	2 23	21 23	0 30	21 23	0 39	16 41	6 43	16 11	16 15	23 2	5 58	5 27	
S 4	16 37	1n26	2 50	21 32	0 36	12 40	1 31	23 50	0 24	14 45	1 13	9 29	2 22	21 22	0 30	21 24	0 39	16 41	6 42	16 10	16 14	23 4	5 57	5 27	
S 5	16 19	7 39	1 46	21 32	0 27	12 13	1 31	23 50	0 25	14 46	1 13	9 31	2 22	21 22	0 30	21 24	0 39	16 42	6 42	16 9	16 13	23 6	5 56	5 27	
M 6	16 1	13 33	0 35	21 31	0 17	11 46	1 30	23 50	0 26	14 47	1 14	9 32	2 22	21 21	0 30	21 24	0 38	16 42	6 42	16 9	16 12	23 8	5 55	5 27	
T 7	15 43	18 50	0n39	21 30	0 8	11 19	1 30	23 49	0 26	14 48	1 14	9 34	2 22	21 21	0 30	21 24	0 38	16 42	6 42	16 9	16 11	23 10	5 53	5 27	
W 8	15 25	23 8	1 51	21 27	0s 1	10 51	1 30	23 48	0 27	14 50	1 14	9 35	2 21	21 20	0 30	21 25	0 38	16 42	6 42	16 8	16 11	23 12	5 52	5 27	
T 9	15 6	26 2	2 57	21 23	0 10	10 22	1 29	23 47	0 28	14 50	1 14	9 37	2 21	21 19	0 30	21 25	0 38	16 42	6 42	16 8	16 10	23 14	5 51	5 26	
F 10	14 47	27 15	3 52	21 17	0 19	9 54	1 28	23 46	0 29	14 51	1 14	9 39	2 21	21 19	0 30	21 25	0 38	16 42	6 41	16 6	16 9	23 16	5 50	5 26	
S 11	14 27	26 37	4 32	21 11	0 27	9 25	1 28	23 45	0 29	14 52	1 15	9 40	2 21	21 18	0 30	21 25	0 38	16 43	6 41	16 4	16 8	23 18	5 48	5 26	
S 12	14 8	24 14	4 55	21 3	0 35	8 56	1 27	23 43	0 30	14 53	1 15	9 42	2 20	21 17	0 30	21 25	0 38	16 43	6 41	16 0	16 7	23 20	5 47	5 26	
M13	13 48	20 22	5 0	20 54	0 43	8 27	1 26	23 41	0 31	14 54	1 15	9 44	2 20	21 17	0 30	21 26	0 38	16 43	6 41	15 57	16 6	23 22	5 46	5 26	
T 14	13 28	15 27	4 46	20 44	0 50	7 58	1 26	23 39	0 32	14 54	1 15	9 46	2 20	21 16	0 30	21 26	0 38	16 43	6 41	15 53	16 5	23 24	5 44	5 26	
W15	13 8	9 52	4 16	20 33	0 57	7 28	1 25	23 36	0 33	14 55	1 15	9 47	2 20	21 16	0 30	21 26	0 38	16 43	6 41	15 50	16 4	23 26	5 43	5 26	
T 16	12 47	3 59	3 33	20 20	1 4	6 58	1 24	23 33	0 33	14 56	1 16	9 49	2 19	21 15	0 30	21 26	0 38	16 43	6 40	15 47	16 3	23 28	5 42	5 26	
F 17	12 27	1s54	2 40	20 6	1 11	6 28	1 23	23 31	0 34	14 56	1 16	9 51	2 19	21 14	0 30	21 26	0 38	16 43	6 40	15 45	16 2	23 30	5 40	5 26	
S 18	12 6	7 35	1 41	19 51	1 17	5 58	1 22	23 27	0 35	14 57	1 16	9 53	2 19	21 14	0 30	21 27	0 38	16 44	6 40	15 44	16 1	23 31	5 39	5 26	
S 19	11 45	12 51	0 38	19 34	1 23	5 28	1 20	23 24	0 36	14 57	1 16	9 55	2 19	21 13	0 30	21 27	0 38	16 44	6 40	15 43	16 0	23 33	5 38	5 26	
M20	11 24	17 32	0s26	19 17	1 29	4 57	1 19	23 20	0 37	14 57	1 16	9 57	2 18	21 13	0 30	21 27	0 38	16 44	6 40	15 43	15 59	23 35	5 36	5 26	
T 21	11 2	21 30	1 27	18 58	1 34	4 27	1 18	23 17	0 37	14 58	1 16	9 58	2 18	21 12	0 30	21 27	0 38	16 44	6 39	15 43	15 58	23 37	5 35	5 25	
W22	10 41	24 33	2 25	18 37	1 39	3 56	1 16	23 12	0 38	14 58	1 17	10 0	2 18	21 11	0 30	21 27	0 38	16 44	6 39	15 43	15 57	23 39	5 34	5 25	
T 23	10 19	26 34	3 17	18 15	1 44	3 25	1 15	23 8	0 39	14 58	1 17	10 2	2 18	21 11	0 30	21 28	0 38	16 45	6 39	15 42	15 56	23 41	5 32	5 25	
F 24	9 57	27 22	4 1	17 52	1 48	2 54	1 14	23 4	0 40	14 58	1 17	10 4	2 17	21 10	0 30	21 28	0 38	16 45	6 39	15 41	15 55	23 43	5 31	5 25	
S 25	9 35	26 51	4 34	17 28	1 52	2 23	1 12	22 59	0 41	14 59	1 17	10 6	2 17	21 10	0 30	21 28	0 38	16 45	6 39	15 39	15 54	23 45	5 29	5 25	
S 26	9 13	25 0	4 56	17 2	1 55	1 52	1 10	22 54	0 42	14 59	1 17	10 8	2 17	21 9	0 30	21 28	0 38	16 45	6 39	15 36	15 54	23 47	5 28	5 25	
M27	8 50	21 52	5 3	16 35	1 59	1 21	1 9	22 49	0 42	14 59	1 18	10 10	2 17	21 9	0 30	21 28	0 38	16 45	6 38	15 33	15 53	23 49	5 27	5 25	
T 28	8s28	17s35	4s55	16s 7	2s 2	0s50	1s 7	22s43	0s43	14s58	1n18	10n13	2s17	21s 8	0s30	21n29	0s38	16n45	6s38	15n29	15n52	23s50	5s25	5n25	



ASTRODIENST EPHEMERIS for the year 1911  
geocentric

APRIL 1911

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	12 32 56	10° 9'03	29° 52'	21° 50'	9° 46'	13° 21'	13° 8'	5° 57'	28° 53'	18° 46'	25° 58'	10° 11'	11° 40'	11° 49'	4° 48'	S 1
S 2	12 36 53	11° 8'15	14° 22'	23° 47'	10° 59'	14° 5'	13° 3'	6° 4'	28° 54'	18° 46'	25° 59'	10° 11'	11° 37'	11° 56'	4° 52'	S 2
M 3	12 40 49	12° 7'26	28° 54'	25° 40'	12° 11'	14° 50'	12° 57'	6° 11'	28° 56'	18° 46'	25° 59'	10° 12'	11° 34'	12° 2'	4° 55'	M 3
T 4	12 44 46	13° 6'34	13° 12'	27° 32'	13° 24'	15° 35'	12° 51'	6° 19'	28° 57'	18° 46'	26° 0'	10° 13'	11° 31'	12° 9'	4° 58'	T 4
W 5	12 48 43	14° 5'40	27° 42'	29° 20'	14° 37'	16° 19'	12° 46'	6° 26'	28° 59'	18° 46'	26° 0'	10° 14'	11° 28'	12° 16'	5° 2'	W 5
T 6	12 52 39	15° 4'44	11° 52'	18° 5'	15° 49'	17° 4'	12° 40'	6° 33'	29° 0'	18° 46'	26° 1'	10° 15'	11° 24'	12° 22'	5° 5'	T 6
F 7	12 56 36	16° 3'46	25° 50'	2° 46'	17° 2'	17° 49'	12° 34'	6° 41'	29° 2'	18° 47'	26° 2'	10° 15'	11° 21'	12° 29'	5° 8'	F 7
S 8	13 0 32	17° 2'44	9° 23'	4° 23'	18° 14'	18° 33'	12° 27'	6° 48'	29° 3'	18° 47'	26° 2'	10° 14'	11° 18'	12° 36'	5° 11'	S 8
S 9	13 4 29	18° 1'41	23° 7'	5° 56'	19° 27'	19° 18'	12° 21'	6° 55'	29° 4'	18° 47'	26° 3'	10° 11'	11° 15'	12° 42'	5° 15'	S 9
M10	13 8 25	19° 0'35	6° 25'	7° 24'	20° 39'	20° 3'	12° 15'	7° 3'	29° 6'	18° 48'	26° 3'	10° 8'	11° 12'	12° 49'	5° 18'	M10
T 11	13 12 22	19° 59'27	19° 29'	8° 47'	21° 51'	20° 47'	12° 8'	7° 10'	29° 7'	18° 48'	26° 4'	10° 5'	11° 9'	12° 56'	5° 21'	T 11
W12	13 16 18	20° 58'17	2° 20'	10° 5'	23° 3'	21° 32'	12° 1'	7° 18'	29° 8'	18° 48'	26° 5'	10° 2'	11° 5'	13° 2'	5° 24'	W12
T 13	13 20 15	21° 57'05	14° 58'	11° 18'	24° 16'	22° 17'	11° 55'	7° 25'	29° 9'	18° 49'	26° 5'	10° 0'	11° 2'	13° 9'	5° 27'	T 13
F 14	13 24 11	22° 55'51	27° 23'	12° 25'	25° 28'	23° 2'	11° 48'	7° 33'	29° 10'	18° 49'	26° 6'	9° 59'	10° 59'	13° 16'	5° 30'	F 14
S 15	13 28 8	23° 54'35	9° 36'	13° 27'	26° 40'	23° 46'	11° 41'	7° 40'	29° 11'	18° 50'	26° 7'	9° 58'	10° 56'	13° 22'	5° 33'	S 15
S 16	13 32 5	24° 53'17	21° 40'	14° 23'	27° 52'	24° 31'	11° 34'	7° 48'	29° 12'	18° 50'	26° 8'	9° 59'	10° 53'	13° 29'	5° 36'	S 16
M17	13 36 1	25° 51'57	3° 35'	15° 13'	29° 3'	25° 16'	11° 27'	7° 55'	29° 13'	18° 51'	26° 8'	9° 59'	10° 49'	13° 36'	5° 39'	M17
T 18	13 39 58	26° 50'36	15° 26'	15° 57'	0° 11'5	26° 0'	11° 20'	8° 3'	29° 14'	18° 51'	26° 9'	10° 1'	10° 46'	13° 42'	5° 41'	T 18
W19	13 43 54	27° 49'12	27° 15'	16° 36'	1° 27'	26° 45'	11° 13'	8° 11'	29° 15'	18° 52'	26° 10'	10° 2'	10° 43'	13° 49'	5° 44'	W19
T 20	13 47 51	28° 47'47	9° 7'	17° 8'	2° 38'	27° 30'	11° 5'	8° 18'	29° 16'	18° 52'	26° 11'	10° 3'	10° 40'	13° 56'	5° 47'	T 20
F 21	13 51 47	29° 46'21	21° 7'	17° 34'	3° 50'	28° 15'	10° 58'	8° 26'	29° 16'	18° 53'	26° 12'	10° 4'	10° 37'	14° 2'	5° 50'	F 21
S 22	13 55 44	0° 44'52	3° 18'	17° 54'	5° 2'	28° 59'	10° 51'	8° 34'	29° 17'	18° 54'	26° 13'	10° 4'	10° 34'	14° 9'	5° 52'	S 22
S 23	13 59 40	1° 43'22	15° 45'	18° 9'	6° 13'	29° 44'	10° 43'	8° 41'	29° 18'	18° 55'	26° 14'	10° 3'	10° 30'	14° 16'	5° 55'	S 23
M24	14 3 37	2° 41'51	28° 33'	18° 17'	7° 24'	0° 29'	10° 36'	8° 49'	29° 18'	18° 55'	26° 14'	10° 3'	10° 27'	14° 22'	5° 58'	M24
T 25	14 7 34	3° 40'18	11° 44'	18° 20'	8° 36'	1° 14'	10° 28'	8° 57'	29° 19'	18° 56'	26° 15'	10° 2'	10° 24'	14° 29'	6° 0'	T 25
W26	14 11 30	4° 38'43	25° 21'	18° 17'	9° 47'	1° 58'	10° 21'	9° 4'	29° 19'	18° 57'	26° 16'	10° 1'	10° 21'	14° 36'	6° 3'	W26
T 27	14 15 27	5° 37'06	9° 22'	18° 9'	10° 58'	2° 43'	10° 13'	9° 12'	29° 20'	18° 58'	26° 17'	10° 1'	10° 18'	14° 42'	6° 5'	T 27
F 28	14 19 23	6° 35'28	23° 46'	17° 55'	12° 9'	3° 28'	10° 5'	9° 20'	29° 20'	18° 59'	26° 18'	10° 1'	10° 15'	14° 49'	6° 8'	F 28
S 29	14 23 20	7° 33'48	8° 29'	17° 37'	13° 20'	4° 13'	9° 58'	9° 27'	29° 20'	19° 0'	26° 19'	10° 0'	10° 11'	14° 56'	6° 10'	S 29
S 30	14 27 16	8° 32'06	23° 22'	17° 14'	14° 31'	4° 57'	9° 50'	9° 35'	29° 21'	19° 1'	26° 20'	10° 0'	10° 8'	15° 2'	6° 12'	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n 1	10n33	0s56	8n58	0n29	14n57	0n13	17s57	1s10	14s29	1n23	11n27	2s11	20s54	0s31	21n32	0s37	16n52	6s32	14n53	15n21	24s47	4s41	5n27
S 2	4 25	16 32	0n23	9 52	0 41	15 23	0 16	17 44	1 11	14 27	1 23	11 29	2 11	20 54	0 31	21 32	0 37	16 52	6 32	14 53	15 20	24 49	4 39	5 27
M 3	4 48	21 34	1 41	10 44	0 52	15 48	0 19	17 32	1 12	14 25	1 23	11 32	2 11	20 53	0 31	21 32	0 37	16 52	6 31	14 53	15 19	24 50	4 38	5 27
T 4	5 11	25 16	2 52	11 36	1 4	16 13	0 22	17 20	1 13	14 23	1 23	11 34	2 11	20 53	0 31	21 32	0 37	16 52	6 31	14 53	15 18	24 52	4 37	5 27
W 5	5 34	27 18	3 52	12 25	1 15	16 38	0 25	17 7	1 13	14 21	1 23	11 37	2 11	20 53	0 31	21 32	0 37	16 53	6 31	14 54	15 17	24 54	4 35	5 28
T 6	5 57	27 31	4 37	13 13	1 27	17 2	0 28	16 55	1 14	14 20	1 23	11 39	2 11	20 53	0 31	21 32	0 37	16 53	6 31	14 54	15 16	24 55	4 34	5 28
F 7	6 19	25 59	5 5	13 58	1 38	17 26	0 31	16 42	1 15	14 18	1 23	11 42	2 11	20 52	0 31	21 32	0 37	16 53	6 31	14 54	15 15	24 57	4 33	5 28
S 8	6 42	22 55	5 14	14 41	1 48	17 49	0 34	16 29	1 16	14 16	1 23	11 44	2 10	20 52	0 31	21 32	0 37	16 53	6 31	14 54	15 14	24 58	4 31	5 28
S 9	7 5	18 39	5 7	15 22	1 58	18 12	0 37	16 15	1 17	14 14	1 23	11 47	2 10	20 52	0 31	21 32	0 37	16 53	6 30	14 53	15 13	25 0	4 30	5 28
M10	7 27	13 32	4 42	16 0	2 8	18 34	0 40	16 2	1 18	14 12	1 23	11 49	2 10	20 52	0 31	21 32	0 37	16 54	6 30	14 52	15 12	25 2	4 29	5 28
T 11	7 49	7 54	4 3	16 36	2 17	18 56	0 43	15 49	1 18	14 10	1 23	11 52	2 10	20 51	0 31	21 32	0 37	16 54	6 30	14 51	15 11	25 3	4 27	5 29
W12	8 11	2 1	3 13	17 8	2 25	19 18	0 46	15 35	1 19	14 8	1 23	11 54	2 10	20 51	0 31	21 32	0 37	16 54	6 30	14 50	15 10	25 5	4 26	5 29
T 13	8 33	3s51	2 14	17 38	2 32	19 39	0 49	15 21	1 20	14 6	1 24	11 57	2 10	20 51	0 31	21 32	0 37	16 54	6 30	14 49	15 9	25 7	4 25	5 29
F 14	8 55	9 28	1 9	18 5	2 39	19 59	0 52	15 7	1 21	14 3	1 24	11 59	2 10	20 51	0 31	21 32	0 37	16 54	6 29	14 49	15 8	25 8	4 24	5 29
S 15	9 17	14 40	0 2	18 30	2 44	20 19	0 55	14 53	1 22	14 1	1 24	12 2	2 10	20 51	0 31	21 32	0 37	16 55	6 29	14 49	15 7	25 10	4 22	5 29
S 16	9 39	19 13	1s 4	18 51	2 49	20 39	0 58	14 39	1 23	13 59	1 24	12 4	2 10	20 50	0 31	21 32	0 37	16 55	6 29	14 49	15 6	25 11	4 21	5 29
M17	10 0	22 58	2 7	19 9	2 53	20 57	1 1	14 25	1 23	13 57	1 24	12 7	2 10	20 50	0 31	21 31	0 36	16 55	6 29	14 49	15 5	25 13	4 20	5 30
T 18	10 21	25 42	3 4	19 25	2 55	21 16	1 4	14 11	1 24	13 55	1 24	12 9	2 10	20 50	0 31	21 31	0 36	16 55	6 29	14 50	15 4	25 14	4 19	5 30
W19	10 42	27 18	3 53	19 37	2 56	21 34	1 7	13 56	1 25	13 53	1 24	12 12	2 10	20 50	0 31	21 31	0 36	16 55	6 29	14 50	15 3	25 16	4 18	5 30
T 20	11 3	27 40	4 32	19 47	2 57	21 51	1 10	13 41	1 26	13 50	1 24	12 14	2 9	20 50	0 31	21 31	0 36	16 56	6 28	14 50	15 2	25 18	4 16	5 30
F 21	11 24	26 44	5 0	19 53	2 55	22 7	1 13	13 27	1 27	13 48	1 24	12 17	2 9	20 50	0 32	21 31	0 36	16 56	6 28	14 50	15 1	25 19	4 15	5 30
S 22	11 44	24 32	5 15	19 57	2 53	22 23	1 16	13 12	1 27	13 46	1 24	12 19	2 9	20 50	0 32	21 31	0 36	16 56	6 28	14 51	15 0	25 21	4 14	5 31
S 23	12 5	21 8	5 16	19 57	2 50	22 39	1 19	12 57	1 28	13 43	1 24	12 22	2 9	20 49	0 32	21 31	0 36	16 56	6 28	14 50	14 59	25 22	4 13	5 31
M24	12 25	16 41	5 1	19 55	2 45	22 54	1 21	12 42	1 29	13 41	1 24	12 24	2 9	20 49	0 32	21 31	0 36	16 56	6 28	14 50	14 58	25 24	4 12	5 31
T 25	12 45	11 19	4 30	19 50	2 38	23 8	1 24	12 26	1 30	13 39	1 24	12 27	2 9	20 49	0 32	21 31	0 36	16 57	6 28	14 50	14 57	25 25	4 11	5 31
W26	13 5	5 16	3 43	19 42	2 31	23 22	1 27	12 11	1 30	13 36	1 24	12 29	2 9	20 49	0 32	21 31	0 36	16 57	6 27	14 50	14 56	25 27	4 9	5 32
T 27	13 24	1n14	2 42	19 31	2 22	23 35	1 29	11 56	1 31	13 34	1 24	12 32	2 9	20 49	0 32	21 31	0 36	16 57	6 27	14 50	14 55	25 28	4 8	5 32
F 28	13 43	7 51	1 29	19 17	2 12	23 47	1 32	11 40	1 32	13 32	1 24	12 34	2 9	20 49	0 32	21 31	0 36	16 57	6 27	14 50	14 54	25 30	4 7	5 32
S 29	14 3	14 12	0 8	19 1	2 0	23 59	1 35	11 25	1 33	13 29	1 24	12 37	2 9	20 49	0 32	21 31	0 36	16 57	6 27	14 49	14 53	25 31	4 6	5 32
S 30	14n21	19n49	1n14	18n43	1n48	24n10	1n37	11s 9	1s34	13s27	1n23	12n39	2s 9	20s49	0s32	21n30	0s36	16n58	6s27	14n49	14n52	25s33	4s 5	5n32

ASTRODIENST EPHEMERIS for the year 1911  
geocentric

MAY 1911

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	14 31 13	9♉30'23	8♊19	16°R48	15♊41	5♈42	9°R42	9♉43	29♉21	19♉2	26♊21	10♉1	10♉5	15♉9	6♈14	M 1
T 2	14 35 9	10°28'37	23°11	16♉18	16°52	6°27	9♊35	9°50	29°21	19°3	26°22	10°R 1	10°2	15°16	6°17	T 2
W 3	14 39 6	11°26'50	7♉51	15°45	18°3	7°11	9°27	9°58	29°21	19°4	26°23	10°0	9°59	15°22	6°19	W 3
T 4	14 43 3	12°25'01	22°15	15°10	19°13	7°56	9°20	10°6	29°21	19°5	26°24	10°0	9°55	15°29	6°21	T 4
F 5	14 46 59	13°23'09	6♊19	14°34	20°24	8°41	9°12	10°14	29°R21	19°6	26°26	10°0	9°52	15°36	6°23	F 5
S 6	14 50 56	14°21'16	20°2	13°57	21°34	9°25	9°4	10°21	29°21	19°7	26°27	10°D 0	9°49	15°42	6°25	S 6
S 7	14 54 52	15°19'21	3♊25	13°19	22°44	10°10	8°57	10°29	29°21	19°8	26°28	10°0	9°46	15°49	6°27	S 7
M 8	14 58 49	16°17'23	16°28	12°42	23°54	10°54	8°49	10°37	29°21	19°9	26°29	10°1	9°43	15°56	6°29	M 8
T 9	15 2 45	17°15'24	29°15	12°6	25°4	11°39	8°42	10°44	29°21	19°11	26°30	10°1	9°40	16°2	6°31	T 9
W10	15 6 42	18°13'23	11♊47	11°32	26°14	12°23	8°34	10°52	29°21	19°12	26°31	10°2	9°36	16°9	6°33	W10
T 11	15 10 38	19°11'20	24°7	11°0	27°24	13°8	8°27	11°0	29°20	19°13	26°32	10°3	9°33	16°16	6°34	T 11
F 12	15 14 35	20°9'15	6♊16	10°30	28°34	13°52	8°19	11°7	29°20	19°14	26°34	10°R 3	9°30	16°22	6°36	F 12
S 13	15 18 32	21°7'09	18°18	10°4	29°43	14°37	8°12	11°15	29°20	19°16	26°35	10°3	9°27	16°29	6°38	S 13
S 14	15 22 28	22°5'02	0♊14	9°42	0♉53	15°21	8°5	11°22	29°19	19°17	26°36	10°2	9°24	16°36	6°39	S 14
M15	15 26 25	23°2'53	12°5	9°23	2°2	16°6	7°57	11°30	29°19	19°19	26°37	10°1	9°20	16°42	6°41	M15
T 16	15 30 21	24°0'42	23°55	9°8	3°12	16°50	7°50	11°38	29°18	19°20	26°38	9°59	9°17	16°49	6°42	T 16
W17	15 34 18	24°58'31	5♉45	8°58	4°21	17°35	7°43	11°45	29°18	19°21	26°40	9°57	9°14	16°56	6°44	W17
T 18	15 38 14	25°56'18	17°39	8°52	5°30	18°19	7°36	11°53	29°17	19°23	26°41	9°55	9°11	17°3	6°45	T 18
F 19	15 42 11	26°54'04	29°40	8°D51	6°39	19°3	7°29	12°0	29°16	19°24	26°42	9°53	9°8	17°9	6°47	F 19
S 20	15 46 8	27°51'48	11♊51	8°54	7°48	19°48	7°23	12°8	29°16	19°26	26°43	9°51	9°5	17°16	6°48	S 20
S 21	15 50 4	28°49'32	24°16	9°2	8°56	20°32	7°16	12°15	29°15	19°27	26°45	9°D50	9°1	17°23	6°49	S 21
M22	15 54 1	29°47'14	7♈0	9°15	10°5	21°16	7°9	12°23	29°14	19°29	26°46	9°50	8°58	17°29	6°50	M22
T 23	15 57 57	0♊44'56	20°5	9°32	11°13	22°0	7°3	12°30	29°13	19°31	26°47	9°51	8°55	17°36	6°51	T 23
W24	16 1 54	1°42'36	3♊36	9°53	12°21	22°45	6°56	12°38	29°12	19°32	26°49	9°53	8°52	17°43	6°52	W24
T 25	16 5 50	2°40'15	17°33	10°18	13°30	23°29	6°50	12°45	29°11	19°34	26°50	9°54	8°49	17°49	6°53	T 25
F 26	16 9 47	3°37'54	1♉57	10°48	14°38	24°13	6°44	12°53	29°10	19°35	26°51	9°55	8°46	17°56	6°54	F 26
S 27	16 13 43	4°35'31	16°43	11°22	15°46	24°57	6°38	13°0	29°9	19°37	26°53	9°R55	8°42	18°3	6°55	S 27
S 28	16 17 40	5°33'07	1♊46	12°0	16°53	25°41	6°32	13°7	29°8	19°39	26°54	9°54	8°39	18°9	6°56	S 28
M29	16 21 37	6°30'43	16°57	12°42	18°1	26°25	6°26	13°15	29°7	19°40	26°55	9°51	8°36	18°16	6°57	M29
T 30	16 25 33	7°28'17	2♉8	13°27	19°8	27°9	6°20	13°22	29°6	19°42	26°57	9°48	8°33	18°23	6°58	T 30
W31	16 29 30	8♊25'50	17♉7	14♉17	20♉16	27♈53	6♊15	13♉29	29♉5	19♉44	26♊58	9♉44	8♉30	18♉29	6♈58	W31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
M 1	14n40	24n11	2n31	18n22	1n34	24n20	1n40	10s53	1s34	13s25	1n23	12n41	2s9	20s49	0s32	21n30	0s36	16n58	6s27	14n50	14n51	25s34	4s4	5n33
T 2	14 58	26 54	3 38	18 0	1 20	24 30	1 42	10 37	1 35	13 22	1 23	12 44	2 9	20 49	0 32	21 30	0 36	16 58	6 26	14 50	14 50	25 36	4 3	5 33
W 3	15 16	27 42	4 29	17 35	1 4	24 39	1 44	10 22	1 36	13 20	1 23	12 46	2 9	20 49	0 32	21 30	0 36	16 58	6 26	14 49	14 49	25 37	4 2	5 33
T 4	15 34	26 35	5 2	17 10	0 48	24 47	1 47	10 6	1 37	13 18	1 23	12 49	2 9	20 49	0 32	21 30	0 36	16 58	6 26	14 49	14 48	25 38	4 1	5 33
F 5	15 52	23 49	5 17	16 43	0 31	24 55	1 49	9 49	1 37	13 15	1 23	12 51	2 9	20 49	0 32	21 30	0 36	16 58	6 26	14 49	14 47	25 40	4 0	5 34
S 6	16 9	19 45	5 13	16 16	0 14	25 2	1 51	9 33	1 38	13 13	1 23	12 54	2 9	20 49	0 32	21 30	0 36	16 59	6 26	14 49	14 46	25 41	3 59	5 34
S 7	16 26	14 47	4 51	15 48	0s3	25 8	1 53	9 17	1 39	13 11	1 23	12 56	2 9	20 49	0 32	21 30	0 36	16 59	6 26	14 49	14 45	25 43	3 58	5 34
M 8	16 43	9 16	4 16	15 20	0 21	25 14	1 55	9 1	1 40	13 8	1 23	12 58	2 9	20 49	0 32	21 29	0 36	16 59	6 26	14 50	14 44	25 44	3 57	5 34
T 9	17 0	3 28	3 28	14 52	0 38	25 19	1 58	8 45	1 40	13 6	1 23	13 1	2 9	20 49	0 32	21 29	0 36	16 59	6 25	14 50	14 43	25 46	3 56	5 35
W10	17 16	2s21	2 31	14 26	0 55	25 23	1 59	8 28	1 41	13 4	1 23	13 3	2 9	20 49	0 32	21 29	0 36	16 59	6 25	14 50	14 42	25 47	3 55	5 35
T 11	17 32	8 0	1 27	14 0	1 12	25 27	2 1	8 12	1 42	13 1	1 23	13 6	2 9	20 50	0 32	21 29	0 36	16 59	6 25	14 50	14 41	25 48	3 55	5 35
F 12	17 48	13 17	0 21	13 36	1 28	25 30	2 3	7 55	1 42	12 59	1 22	13 8	2 9	20 50	0 32	21 29	0 36	17 0	6 25	14 50	14 40	25 50	3 54	5 35
S 13	18 3	18 1	0s46	13 13	1 43	25 32	2 5	7 39	1 43	12 57	1 22	13 10	2 9	20 50	0 32	21 29	0 36	17 0	6 25	14 50	14 39	25 51	3 53	5 36
S 14	18 18	22 0	1 49	12 52	1 58	25 34	2 7	7 22	1 44	12 55	1 22	13 13	2 9	20 50	0 32	21 29	0 36	17 0	6 25	14 50	14 38	25 53	3 52	5 36
M15	18 33	25 2	2 48	12 33	2 12	25 34	2 8	7 5	1 44	12 53	1 22	13 15	2 9	20 50	0 32	21 28	0 36	17 0	6 25	14 50	14 37	25 54	3 51	5 36
T 16	18 47	26 58	3 39	12 16	2 25	25 35	2 10	6 49	1 45	12 50	1 22	13 17	2 9	20 50	0 32	21 28	0 36	17 0	6 24	14 49	14 36	25 55	3 50	5 37
W17	19 1	27 41	4 21	12 1	2 36	25 34	2 11	6 32	1 46	12 48	1 22	13 19	2 9	20 50	0 32	21 28	0 36	17 0	6 24	14 48	14 35	25 57	3 50	5 37
T 18	19 15	27 7	4 52	11 49	2 47	25 33	2 13	6 15	1 46	12 46	1 22	13 22	2 9	20 50	0 32	21 28	0 36	17 1	6 24	14 48	14 34	25 58	3 49	5 37
F 19	19 29	25 17	5 11	11 39	2 57	25 31	2 14	5 58	1 47	12 44	1 21	13 24	2 9	20 51	0 32	21 28	0 36	17 1	6 24	14 47	14 33	26 0	3 48	5 37
S 20	19 42	22 17	5 15	11 32	3 6	25 28	2 15	5 42	1 48	12 42	1 21	13 26	2 9	20 51	0 32	21 27	0 36	17 1	6 24	14 47	14 32	26 1	3 47	5 38
S 21	19 55	18 14	5 6	11 27	3 14	25 25	2 16	5 25	1 48	12 40	1 21	13 29	2 9	20 51	0 33	21 27	0 36	17 1	6 24	14 46	14 31	26 2	3 47	5 38
M22	20 7	13 17	4 41	11 25	3 21	25 21	2 17	5 8	1 49	12 38	1 21	13 31	2 9	20 51	0 33	21 27	0 35	17 1	6 24	14 46	14 30	26 4	3 46	5 38
T 23	20 19	7 37	4 1	11 25	3 26	25 16	2 18	4 51	1 50	12 36	1 21	13 33	2 9	20 51	0 33	21 27	0 35	17 1	6 24	14 47	14 29	26 5	3 45	5 38
W24	20 31	1 26	3 7	11 27	3 31	25 11	2 19	4 34	1 50	12 34	1 21	13 35	2 9	20 52	0 33	21 27	0 35	17 1	6 24	14 47	14 28	26 6	3 45	5 39
T 25	20 42	5n3	2 0	11 31	3 35	25 5	2 20	4 17	1 51	12 32	1 20	13 37	2 9	20 52	0 33	21 26	0 35	17 2	6 23	14 47	14 27	26 7	3 44	5 39
F 26	20 53	11 28	0 44	11 38	3 38	24 58	2 20	4 0	1 51	12 30	1 20	13 40	2 9	20 52	0 33	21 26	0 35	17 2	6 23	14 48	14 26	26 9	3 43	5 39
S 27	21 4	17 26	0n37	11 46	3 39	24 51	2 21	3 43	1 52	12 29	1 20	13 42	2 9	20 52	0 33	21 26	0 35	17 2	6 23	14 48	14 25	26 10	3 43	5 40
S 28	21 15	22 26	1 57	11 57	3 40	24 43	2 21	3 26	1 53	12 27	1 20	13 44	2 9	20 53	0 33	21 26	0 35	17 2	6 23	14 47	14 24	26 11	3 42	5 40
M29	21 25	25 57	3 10	12 9	3 40	24 35	2 22	3 9	1 53	12 25	1 20	13 46	2 9	20 53	0 33	21 26	0 35	17 2	6 23	14 47	14 23	26 13	3 42	5 40
T 30	21 34	27 34	4 8	12 24	3 40	24 25	2 22	2 52	1 54	12 23	1 19	13 48	2 9	20 53	0 33	21 25	0 35	17 2	6 23	14 46	14 22	26 14	3 41	5 40
W31	21n43	27n8	4n49	12n39	3s38	24n16	2n22	2s36	1s54	12s22	1n19	13n50	2s9	20s53	0s33	21n25	0s35	17n2	6s23	14n44	14n21	26s15	3s41	5n41



# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

JUNE 1911

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 33 26	9II23'21	1847	158 9	2123	2837	6R 9	1336	29R 3	19346	26II59	9R40	8827	18336	6359	T 1
F 2	16 37 23	10°20'52	16° 3	16° 6	22°30	29°20	6M 4	13°44	293 2	19°48	27° 1	937	8°23	18°43	6°59	F 2
S 3	16 41 19	11°18'21	29°52	17° 5	23°37	0Y 4	5°59	13°51	29° 1	19°49	27° 2	9°36	8°20	18°49	7° 0	S 3
S 4	16 45 16	12°15'48	13M15	18° 8	24°44	0°48	5°54	13°58	29° 0	19°51	27° 4	9°D35	8°17	18°56	7° 0	S 4
M 5	16 49 12	13°13'14	26°14	19°14	25°50	1°31	5°49	14° 5	28°58	19°53	27° 5	9°36	8°14	19° 3	7° 1	M 5
T 6	16 53 9	14°10'39	8251	20°24	26°56	2°15	5°44	14°12	28°57	19°55	27° 6	9°37	8°11	19° 9	7° 1	T 6
W 7	16 57 6	15° 8'03	21°12	21°36	28° 3	2°58	5°40	14°19	28°55	19°57	27° 8	9°39	8° 7	19°16	7° 1	W 7
T 8	17 1 2	16° 5'26	3M21	22°52	29° 8	3°42	5°35	14°26	28°54	19°59	27° 9	9°40	8° 4	19°23	7° 1	T 8
F 9	17 4 59	17° 2'48	15°20	24°10	0114	4°25	5°31	14°33	28°52	20° 1	27°11	9°R40	8° 1	19°29	7° 2	F 9
S 10	17 8 55	18° 0'09	27°13	25°32	1°20	5° 9	5°27	14°40	28°50	20° 3	27°12	9°38	7°58	19°36	7° 2	S 10
S 11	17 12 52	18°57'29	92 4	26°57	2°25	5°52	5°23	14°47	28°49	20° 5	27°13	9°35	7°55	19°43	7R 2	S 11
M12	17 16 48	19°54'49	20°54	28°24	3°30	6°35	5°19	14°53	28°47	20° 6	27°15	9°30	7°52	19°49	7° 2	M12
T 13	17 20 45	20°52'07	2344	29°54	4°35	7°18	5°16	15° 0	28°45	20° 8	27°16	9°23	7°48	19°56	7° 2	T 13
W14	17 24 41	21°49'25	14°38	1II28	5°40	8° 1	5°12	15° 7	28°44	20°10	27°18	9°15	7°45	20° 3	7° 1	W14
T 15	17 28 38	22°46'43	26°37	3° 4	6°45	8°44	5° 9	15°14	28°42	20°12	27°19	9° 8	7°42	20°10	7° 1	T 15
F 16	17 32 35	23°44'00	8243	4°43	7°49	9°27	5° 6	15°20	28°40	20°15	27°21	9° 0	7°39	20°16	7° 1	F 16
S 17	17 36 31	24°41'16	20°58	6°25	8°53	10°10	5° 3	15°27	28°38	20°17	27°22	8°54	7°36	20°23	7° 1	S 17
S 18	17 40 28	25°38'33	3326	8° 9	9°57	10°53	5° 0	15°33	28°36	20°19	27°23	8°50	7°32	20°30	7° 0	S 18
M19	17 44 24	26°35'48	16° 8	9°57	11° 0	11°36	4°57	15°40	28°35	20°21	27°25	8°47	7°29	20°36	7° 0	M19
T 20	17 48 21	27°33'04	29°10	11°47	12° 4	12°18	4°55	15°46	28°33	20°23	27°26	8°D47	7°26	20°43	6°59	T 20
W21	17 52 17	28°30'19	12Y33	13°40	13° 7	13° 1	4°53	15°53	28°31	20°25	27°28	8°48	7°23	20°50	6°59	W21
T 22	17 56 14	29°27'35	26°21	15°35	14° 9	13°43	4°51	15°59	28°29	20°27	27°29	8°49	7°20	20°56	6°58	T 22
F 23	18 0 10	0224'50	10334	17°32	15°12	14°26	4°49	16° 5	28°27	20°29	27°31	8°R49	7°17	21° 3	6°58	F 23
S 24	18 4 7	1°22'05	25°12	19°32	16°14	15° 8	4°47	16°11	28°25	20°31	27°32	8°48	7°13	21°10	6°57	S 24
S 25	18 8 4	2°19'20	10II 9	21°34	17°16	15°50	4°46	16°18	28°23	20°33	27°33	8°45	7°10	21°16	6°56	S 25
M26	18 12 0	3°16'35	25°20	23°38	18°18	16°33	4°44	16°24	28°21	20°35	27°35	8°39	7° 7	21°23	6°55	M26
T 27	18 15 57	4°13'50	10335	25°44	19°19	17°15	4°43	16°30	28°18	20°38	27°36	8°32	7° 4	21°30	6°54	T 27
W28	18 19 53	5°11'04	25°42	27°52	20°20	17°57	4°42	16°36	28°16	20°40	27°38	8°24	7° 1	21°36	6°54	W28
T 29	18 23 50	6° 8'18	10232	02 0	21°21	18°38	4°41	16°42	28°14	20°42	27°39	8°15	6°58	21°43	6°53	T 29
F 30	18 27 46	72 5'32	24258	2210	22222	19Y20	4M41	16348	28312	20344	27II41	88 8	6354	21250	6352	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21n52	24n48	5n10	12n57	3s36	24n 5	2n22	2s19	1s55	12s20	1n19	13n52	2s10	20s54	0s33	21n25	0s35	17n 2	6s23	14n43	14n20	26s16	3s40	5n41			
F 2	22 1	20 59	5 11	13 16	3 33	23 54	2 22	2 2	1 55	12 19	1 19	13 54	2 10	20 54	0 33	21 25	0 35	17 3	6 23	14 42	14 19	26 18	3 40	5 41			
S 3	22 9	16 6	4 54	13 36	3 29	23 43	2 22	1 45	1 56	12 17	1 19	13 56	2 10	20 54	0 33	21 24	0 35	17 3	6 23	14 42	14 18	26 19	3 39	5 42			
S 4	22 17	10 36	4 21	13 58	3 24	23 31	2 21	1 28	1 56	12 16	1 18	13 58	2 10	20 55	0 33	21 24	0 35	17 3	6 22	14 41	14 16	26 20	3 39	5 42			
M 5	22 24	4 48	3 35	14 21	3 19	23 18	2 21	1 11	1 57	12 14	1 18	14 0	2 10	20 55	0 33	21 24	0 35	17 3	6 22	14 42	14 15	26 21	3 38	5 42			
T 6	22 31	1s 3	2 40	14 45	3 13	23 4	2 20	0 54	1 57	12 13	1 18	14 2	2 10	20 55	0 33	21 24	0 35	17 3	6 22	14 42	14 14	26 23	3 38	5 42			
W 7	22 37	6 45	1 39	15 10	3 7	22 51	2 20	0 37	1 58	12 12	1 18	14 4	2 10	20 56	0 33	21 23	0 35	17 3	6 22	14 43	14 13	26 24	3 38	5 43			
T 8	22 44	12 6	0 34	15 36	3 0	22 36	2 19	0 20	1 58	12 10	1 17	14 6	2 10	20 56	0 33	21 23	0 35	17 3	6 22	14 43	14 12	26 25	3 37	5 43			
F 9	22 49	16 56	0s31	16 2	2 52	22 21	2 18	0 4	1 59	12 9	1 17	14 8	2 10	20 56	0 33	21 23	0 35	17 3	6 22	14 43	14 11	26 26	3 37	5 43			
S 10	22 55	21 5	1 34	16 30	2 44	22 6	2 17	0n13	1 59	12 8	1 17	14 10	2 10	20 57	0 33	21 23	0 35	17 3	6 22	14 42	14 10	26 27	3 37	5 44			
S 11	23 0	24 20	2 33	16 57	2 36	21 50	2 16	0 30	2 0	12 7	1 17	14 12	2 10	20 57	0 33	21 22	0 35	17 4	6 22	14 41	14 9	26 29	3 36	5 44			
M12	23 4	26 33	3 25	17 26	2 27	21 34	2 14	0 46	2 0	12 6	1 16	14 14	2 10	20 57	0 33	21 22	0 35	17 4	6 22	14 40	14 8	26 30	3 36	5 44			
T 13	23 8	27 33	4 8	17 54	2 17	21 17	2 13	1 3	2 1	12 5	1 16	14 16	2 10	20 58	0 33	21 22	0 35	17 4	6 22	14 38	14 7	26 31	3 36	5 44			
W14	23 12	27 18	4 41	18 23	2 8	20 59	2 12	1 20	2 1	12 4	1 16	14 18	2 11	20 58	0 33	21 22	0 35	17 4	6 22	14 35	14 6	26 32	3 36	5 45			
T 15	23 15	25 46	5 1	18 52	1 57	20 42	2 10	1 36	2 2	12 3	1 16	14 20	2 11	20 58	0 33	21 21	0 35	17 4	6 22	14 33	14 5	26 33	3 36	5 45			
F 16	23 18	23 3	5 8	19 20	1 47	20 23	2 8	1 53	2 2	12 3	1 15	14 21	2 11	20 59	0 33	21 21	0 35	17 4	6 22	14 30	14 4	26 35	3 35	5 45			
S 17	23 21	19 16	5 1	19 49	1 36	20 5	2 6	2 9	2 2	12 2	1 15	14 23	2 11	20 59	0 33	21 21	0 35	17 4	6 22	14 28	14 3	26 36	3 35	5 46			
S 18	23 23	14 37	4 41	20 17	1 25	19 45	2 4	2 26	2 3	12 1	1 15	14 25	2 11	21 0	0 33	21 20	0 35	17 4	6 22	14 27	14 2	26 37	3 35	5 46			
M19	23 25	9 14	4 5	20 44	1 14	19 26	2 2	2 42	2 3	12 0	1 15	14 27	2 11	21 0	0 33	21 20	0 35	17 4	6 21	14 26	14 1	26 38	3 35	5 46			
T 20	23 26	3 21	3 17	21 11	1 2	19 6	2 0	2 58	2 3	12 0	1 14	14 29	2 11	21 0	0 33	21 20	0 35	17 4	6 21	14 26	14 0	26 39	3 35	5 46			
W21	23 27	2n52	2 17	21 37	0 51	18 46	1 57	3 15	2 4	11 59	1 14	14 30	2 11	21 1	0 33	21 20	0 35	17 4	6 21	14 26	13 59	26 40	3 35	5 47			
T 22	23 27	9 8	1 7	22 1	0 39	18 25	1 55	3 31	2 4	11 59	1 14	14 32	2 11	21 1	0 33	21 19	0 35	17 4	6 21	14 27	13 58	26 41	3 35	5 47			
F 23	23 27	15 9	0n 9	22 25	0 28	18 4	1 52	3 47	2 4	11 59	1 14	14 34	2 12	21 2	0 33	21 19	0 35	17 5	6 21	14 27	13 57	26 42	3 35	5 47			
S 24	23 27	20 29	1 27	22 46	0 16	17 43	1 49	4 3	2 5	11 58	1 13	14 35	2 12	21 2	0 33	21 19	0 35	17 5	6 21	14 26	13 56	26 43	3 35	5 48			
S 25	23 26	24 37	2 40	23 6	0 5	17 21	1 46	4 19	2 5	11 58	1 13	14 37	2 12	21 3	0 33	21 18	0 35	17 5	6 21	14 25	13 55	26 45	3 35	5 48			
M26	23 25	27 5	3 43	23 24	0n 6	16 59	1 43	4 35	2 5	11 58	1 13	14 39	2 12	21 3	0 33	21 18	0 35	17 5	6 21	14 24	13 54	26 46	3 35	5 48			
T 27	23 23	27 31	4 30	23 40	0 17	16 36	1 39	4 50	2 6	11 58	1 13	14 40	2 12	21 3	0 33	21 18	0 35	17 5	6 21	14 21	13 53	26 47	3 35	5 48			
W28	23 21	25 53	4 58	23 54	0 27	16 14	1 36	5 6	2 6	11 58	1 12	14 42	2 12	21 4	0 34	21 17	0 35	17 5	6 21	14 19	13 52	26 48	3 35	5 49			
T 29	23 19	22 30	5 5	24 5	0 38	15 51	1 32	5 22	2 6	11 58	1 12	14 43	2 12	21 4	0 34	21 17	0 35	17 5	6 21	14 16	13 51	26 49	3 35	5 49			
F 30	23n16	17n48	4n52	24n13	0n47	15n28	1n29	5n37	2s 6	11s58	1n12	14n45	2s12	21s 5	0s34	21n17	0s35	17n 5	6s21	14n14	13n50	26s50	3s35	5n49			

ASTRODIENST EPHEMERIS for the year 1911  
geocentric

JULY 1911

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 31 43	8♌ 2'45	8♍ 55	4♎ 20	23♏ 22	20♐ 2	4♑ R40	16♒ 53	28♓ R10	20♈ 46	27♉ 42	8♊ R 3	6♋ 51	21♌ 56	6♍ R50	S 1
S 2	18 35 40	8°59'57	22°22	6°30	24°21	20°43	4♍ 40	16°59	28♌ 8	20°48	27°43	7♌ 59	6°48	22° 3	6♎ 49	S 2
M 3	18 39 36	9°57'10	5♌ 23	8°41	25°21	21°25	4°D40	17° 5	28° 5	20°51	27°45	7°D58	6°45	22°10	6°48	M 3
T 4	18 43 33	10°54'22	17°59	10°52	26°20	22° 6	4°40	17°10	28° 3	20°53	27°46	7°58	6°42	22°17	6°47	T 4
W 5	18 47 29	11°51'33	0♍ 17	13° 2	27°18	22°47	4°40	17°16	28° 1	20°55	27°48	7°59	6°38	22°23	6°46	W 5
T 6	18 51 26	12°48'45	12°20	15°11	28°17	23°29	4°41	17°21	27°59	20°57	27°49	7°R59	6°35	22°30	6°44	T 6
F 7	18 55 22	13°45'56	24°15	17°20	29°14	24°10	4°42	17°27	27°56	20°59	27°50	7°58	6°32	22°37	6°43	F 7
S 8	18 59 19	14°43'08	6♌ 5	19°27	0♍ 12	24°50	4°42	17°32	27°54	21° 2	27°52	7°54	6°29	22°43	6°41	S 8
S 9	19 3 15	15°40'19	17°54	21°33	1° 9	25°31	4°43	17°37	27°52	21° 4	27°53	7°48	6°26	22°50	6°40	S 9
M10	19 7 12	16°37'30	29°44	23°38	2° 5	26°12	4°45	17°43	27°49	21° 6	27°55	7°39	6°23	22°57	6°38	M10
T 11	19 11 9	17°34'41	11♌ 39	25°42	3° 1	26°52	4°46	17°48	27°47	21° 8	27°56	7°29	6°19	23° 3	6°37	T 11
W12	19 15 5	18°31'53	23°40	27°43	3°56	27°33	4°47	17°53	27°45	21°11	27°57	7°16	6°16	23°10	6°35	W12
T 13	19 19 2	19°29'05	5♌ 48	29°43	4°51	28°13	4°49	17°58	27°42	21°13	27°59	7° 4	6°13	23°17	6°33	T 13
F 14	19 22 58	20°26'17	18° 4	1♌ 42	5°46	28°53	4°51	18° 3	27°40	21°15	28° 0	6°52	6°10	23°23	6°32	F 14
S 15	19 26 55	21°23'29	0♎ 29	3°38	6°40	29°33	4°53	18° 7	27°37	21°17	28° 1	6°42	6° 7	23°30	6°30	S 15
S 16	19 30 51	22°20'42	13° 6	5°33	7°33	0♌ 13	4°55	18°12	27°35	21°19	28° 3	6°34	6° 4	23°37	6°28	S 16
M17	19 34 48	23°17'56	25°54	7°26	8°26	0°53	4°58	18°17	27°33	21°22	28° 4	6°29	6° 0	23°43	6°26	M17
T 18	19 38 44	24°15'10	8♐ 58	9°17	9°18	1°33	5° 0	18°21	27°30	21°24	28° 5	6°26	5°57	23°50	6°24	T 18
W19	19 42 41	25°12'25	22°19	11° 7	10° 9	2°12	5° 3	18°26	27°28	21°26	28° 7	6°D25	5°54	23°57	6°22	W19
T 20	19 46 38	26° 9'40	6♌ 0	12°54	11° 0	2°52	5° 6	18°30	27°25	21°28	28° 8	6°R26	5°51	24° 4	6°20	T 20
F 21	19 50 34	27° 6'57	20° 2	14°40	11°51	3°31	5° 9	18°35	27°23	21°31	28° 9	6°25	5°48	24°10	6°18	F 21
S 22	19 54 31	28° 4'14	4♐ 25	16°24	12°40	4°10	5°12	18°39	27°21	21°33	28°11	6°23	5°44	24°17	6°16	S 22
S 23	19 58 27	29° 1'33	19° 7	18° 6	13°29	4°49	5°16	18°43	27°18	21°35	28°12	6°19	5°41	24°24	6°14	S 23
M24	20 2 24	29°58'52	4♌ 4	19°46	14°17	5°27	5°19	18°47	27°16	21°37	28°13	6°11	5°38	24°30	6°12	M24
T 25	20 6 20	0♌ 56'12	19° 7	21°25	15° 4	6° 6	5°23	18°51	27°13	21°39	28°14	6° 2	5°35	24°37	6°10	T 25
W26	20 10 17	1°53'32	4♌ 6	23° 1	15°51	6°44	5°27	18°55	27°11	21°42	28°16	5°51	5°32	24°44	6° 7	W26
T 27	20 14 13	2°50'53	18°53	24°36	16°37	7°22	5°31	18°59	27° 9	21°44	28°17	5°40	5°29	24°50	6° 5	T 27
F 28	20 18 10	3°48'15	3♍ 19	26° 9	17°21	8° 1	5°36	19° 3	27° 6	21°46	28°18	5°30	5°25	24°57	6° 3	F 28
S 29	20 22 7	4°45'37	17°18	27°40	18° 5	8°38	5°40	19° 7	27° 4	21°48	28°19	5°22	5°22	25° 4	6° 0	S 29
S 30	20 26 3	5°43'00	0♌ 49	29°10	18°48	9°16	5°45	19°10	27° 1	21°50	28°20	5°17	5°19	25°10	5°58	S 30
M31	20 30 0	6♌ 40'23	13♌ 52	0♍ 37	19♍ 30	9♌ 53	5♍ 49	19♌ 14	26♌ 59	21♌ 53	28♐ 22	5♌ 14	5♌ 16	25♌ 17	5♎ 56	M31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n13	12n17	4n22	24n19	0n56	15n 4	1n25	5n53	2s 7	11s58	1n12	14n46	2s13	21s 5	0s34	21n17	0s35	17n 5	6s21	14n12	13n49	26s51	3s36	5n49	
S 2	23 9	6 23	3 39	24 22	1 5	14 41	1 21	6 8	2 7	11 58	1 11	14 48	2 13	21 6	0 34	21 16	0 35	17 5	6 21	14 11	13 48	26 52	3 36	5 50	
M 3	23 5	0 23	2 45	24 22	1 12	14 17	1 16	6 24	2 7	11 58	1 11	14 49	2 13	21 6	0 34	21 16	0 35	17 5	6 21	14 10	13 47	26 53	3 36	5 50	
T 4	23 0	5s27	1 45	24 20	1 19	13 52	1 12	6 39	2 7	11 58	1 11	14 51	2 13	21 7	0 34	21 16	0 35	17 5	6 21	14 10	13 45	26 54	3 36	5 50	
W 5	22 55	10 56	0 41	24 14	1 26	13 28	1 7	6 54	2 7	11 59	1 10	14 52	2 13	21 7	0 34	21 15	0 35	17 5	6 21	14 11	13 44	26 55	3 36	5 50	
T 6	22 50	15 55	0s23	24 6	1 31	13 4	1 3	7 9	2 8	11 59	1 10	14 53	2 13	21 8	0 34	21 15	0 35	17 5	6 21	14 11	13 43	26 56	3 37	5 51	
F 7	22 44	20 14	1 26	23 55	1 36	12 39	0 58	7 24	2 8	12 0	1 10	14 55	2 14	21 8	0 34	21 15	0 35	17 5	6 21	14 10	13 42	26 57	3 37	5 51	
S 8	22 38	23 42	2 24	23 42	1 41	12 14	0 53	7 39	2 8	12 0	1 10	14 56	2 14	21 9	0 34	21 14	0 35	17 5	6 21	14 9	13 41	26 58	3 37	5 51	
S 9	22 32	26 9	3 15	23 26	1 44	11 49	0 48	7 53	2 8	12 1	1 9	14 57	2 14	21 9	0 34	21 14	0 35	17 5	6 21	14 7	13 40	26 59	3 38	5 51	
M10	22 25	27 26	3 59	23 8	1 47	11 24	0 42	8 8	2 8	12 1	1 9	14 59	2 14	21 10	0 34	21 14	0 35	17 5	6 21	14 4	13 39	27 0	3 38	5 51	
T 11	22 18	27 27	4 32	22 48	1 49	10 59	0 37	8 22	2 8	12 2	1 9	15 0	2 14	21 10	0 34	21 13	0 35	17 5	6 21	14 1	13 38	27 1	3 38	5 52	
W12	22 10	26 11	4 53	22 25	1 50	10 33	0 31	8 37	2 8	12 3	1 9	15 1	2 14	21 11	0 34	21 13	0 35	17 5	6 21	13 57	13 37	27 2	3 39	5 52	
T 13	22 2	23 41	5 1	22 1	1 50	10 8	0 25	8 51	2 8	12 4	1 8	15 2	2 15	21 11	0 34	21 13	0 35	17 5	6 21	13 53	13 36	27 3	3 39	5 52	
F 14	21 54	20 6	4 55	21 35	1 50	9 42	0 19	9 5	2 8	12 5	1 8	15 4	2 15	21 11	0 34	21 12	0 35	17 5	6 21	13 49	13 35	27 4	3 40	5 52	
S 15	21 45	15 36	4 36	21 7	1 49	9 17	0 13	9 19	2 8	12 6	1 8	15 5	2 15	21 12	0 34	21 12	0 35	17 5	6 21	13 45	13 34	27 5	3 40	5 53	
S 16	21 36	10 23	4 3	20 38	1 48	8 51	0 7	9 33	2 8	12 7	1 7	15 6	2 15	21 12	0 34	21 12	0 34	17 5	6 21	13 43	13 33	27 6	3 41	5 53	
M17	21 26	4 38	3 17	20 7	1 46	8 25	0 1	9 47	2 8	12 8	1 7	15 7	2 15	21 13	0 34	21 11	0 34	17 5	6 21	13 41	13 32	27 7	3 41	5 53	
T 18	21 17	1n25	2 20	19 36	1 43	8 0	0s 6	10 1	2 8	12 9	1 7	15 8	2 15	21 13	0 34	21 11	0 34	17 5	6 21	13 40	13 31	27 8	3 42	5 53	
W19	21 6	7 33	1 14	19 3	1 40	7 34	0 13	10 14	2 8	12 10	1 7	15 9	2 16	21 14	0 34	21 11	0 34	17 5	6 21	13 40	13 30	27 8	3 42	5 53	
T 20	20 56	13 29	0 2	18 29	1 36	7 8	0 20	10 28	2 8	12 11	1 6	15 10	2 16	21 14	0 34	21 10	0 34	17 5	6 21	13 40	13 29	27 9	3 43	5 53	
F 21	20 45	18 54	1n11	17 54	1 32	6 43	0 27	10 41	2 8	12 12	1 6	15 11	2 16	21 15	0 34	21 10	0 34	17 5	6 21	13 40	13 28	27 10	3 43	5 54	
S 22	20 34	23 22	2 22	17 19	1 27	6 17	0 34	10 54	2 8	12 14	1 6	15 12	2 16	21 15	0 34	21 10	0 34	17 5	6 21	13 39	13 27	27 11	3 44	5 54	
S 23	20 22	26 25	3 25	16 42	1 22	5 51	0 42	11 7	2 8	12 15	1 6	15 13	2 16	21 16	0 34	21 9	0 34	17 5	6 21	13 38	13 26	27 12	3 44	5 54	
M24	20 10	27 38	4 15	16 6	1 16	5 26	0 49	11 20	2 8	12 17	1 5	15 14	2 16	21 16	0 34	21 9	0 34	17 5	6 21	13 36	13 24	27 13	3 45	5 54	
T 25	19 58	26 50	4 48	15 28	1 10	5 0	0 57	11 33	2 8	12 18	1 5	15 15	2 17	21 17	0 34	21 9	0 34	17 5	6 21	13 32	13 23	27 14	3 46	5 54	
W26	19 45	24 6	5 0	14 51	1 3	4 35	1 5	11 46	2 8	12 20	1 5	15 16	2 17	21 17	0 34	21 8	0 34	17 5	6 21	13 29	13 22	27 15	3 46	5 54	
T 27	19 32	19 48	4 53	14 13	0 56	4 10	1 13	11 58	2 8	12 21	1 5	15 17	2 17	21 18	0 34	21 8	0 34	17 5	6 21	13 25	13 21	27 15	3 47	5 55	
F 28	19 19	14 26	4 26	13 34	0 49	3 44	1 22	12 10	2 8	12 23	1 4	15 17	2 17	21 18	0 34	21 8	0 34	17 5	6 21	13 22	13 20	27 16	3 48	5 55	
S 29	19 5	8 28	3 44	12 56	0 41	3 19	1 30	12 23	2 7	12 25	1 4	15 18	2 17	21 19	0 34	21 7	0 34	17 5	6 21	13 19	13 19	27 17	3 49	5 55	
S 30	18 51	2 18	2 51	12 17	0 33	2 55	1 39	12 35	2 7	12 26	1 4	15 19	2 18	21 19	0 34	21 7	0 34	17 5	6 21	13 17	13 18	27 18	3 49	5 55	
M31	18n37	3s47	1n50	11n39	0n25	2n30	1s48	12n47	2s 7	12s28	1n 4	15n20	2s18	21s20	0s34	21n 7	0s34	17n 5	6s21	13n16	13n17	27s19	3s50	5n55	



# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

AUGUST 1911

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 33 56	7♏3747	26♊31	2♊30	20♊11	10♊31	5♊54	19♊17	26♊57	21♊55	28♊23	5♊13	5♊13	25♊24	5♊53	T 1
W 2	20 37 53	8♏3511	8♊50	3♊27	20♊51	11♊8	5♊59	19♊20	26♊54	21♊57	28♊24	5♊13	5♊10	25♊30	5♊51	W 2
T 3	20 41 49	9♏3237	20♊53	4♊49	21♊30	11♊45	6♊4	19♊24	26♊52	21♊59	28♊25	5♊12	5♊6	25♊37	5♊48	T 3
F 4	20 45 46	10♏3002	2♊48	6♊9	22♊8	12♊21	6♊10	19♊27	26♊50	22♊1	28♊26	5♊11	5♊3	25♊44	5♊46	F 4
S 5	20 49 42	11♏2729	14♊38	7♊27	22♊45	12♊58	6♊15	19♊30	26♊47	22♊3	28♊27	5♊7	5♊0	25♊51	5♊43	S 5
S 6	20 53 39	12♏2456	26♊28	8♊42	23♊20	13♊34	6♊21	19♊33	26♊45	22♊5	28♊28	5♊1	4♊57	25♊57	5♊41	S 6
M 7	20 57 36	13♏2225	8♊21	9♊56	23♊54	14♊10	6♊27	19♊35	26♊43	22♊8	28♊29	4♊52	4♊54	26♊4	5♊38	M 7
T 8	21 1 32	14♏1954	20♊22	11♊8	24♊27	14♊46	6♊33	19♊38	26♊41	22♊10	28♊30	4♊41	4♊50	26♊11	5♊35	T 8
W 9	21 5 29	15♏1724	2♊32	12♊17	24♊58	15♊22	6♊39	19♊41	26♊38	22♊12	28♊32	4♊28	4♊47	26♊17	5♊33	W 9
T 10	21 9 25	16♏1455	14♊52	13♊24	25♊28	15♊57	6♊45	19♊43	26♊36	22♊14	28♊33	4♊15	4♊44	26♊24	5♊30	T 10
F 11	21 13 22	17♏1227	27♊22	14♊29	25♊57	16♊33	6♊51	19♊46	26♊34	22♊16	28♊34	4♊3	4♊41	26♊31	5♊27	F 11
S 12	21 17 18	18♏1000	10♊3	15♊31	26♊24	17♊8	6♊58	19♊48	26♊32	22♊18	28♊35	3♊52	4♊38	26♊37	5♊25	S 12
S 13	21 21 15	19♏735	22♊56	16♊30	26♊49	17♊42	7♊5	19♊50	26♊30	22♊20	28♊36	3♊44	4♊35	26♊44	5♊22	S 13
M14	21 25 11	20♏510	5♊59	17♊27	27♊13	18♊17	7♊11	19♊53	26♊27	22♊22	28♊37	3♊39	4♊31	26♊51	5♊19	M14
T 15	21 29 8	21♏248	19♊15	18♊21	27♊35	18♊51	7♊18	19♊55	26♊25	22♊24	28♊38	3♊36	4♊28	26♊58	5♊16	T 15
W16	21 33 5	22♏026	2♊43	19♊11	27♊55	19♊25	7♊25	19♊57	26♊23	22♊26	28♊38	3♊35	4♊25	27♊4	5♊13	W16
T 17	21 37 1	22♏5807	16♊25	19♊59	28♊13	19♊59	7♊33	19♊58	26♊21	22♊28	28♊39	3♊35	4♊22	27♊11	5♊11	T 17
F 18	21 40 58	23♏5549	0♊21	20♊43	28♊30	20♊32	7♊40	20♊0	26♊19	22♊30	28♊40	3♊35	4♊19	27♊18	5♊8	F 18
S 19	21 44 54	24♏5333	14♊33	21♊23	28♊44	21♊6	7♊47	20♊2	26♊17	22♊32	28♊41	3♊34	4♊16	27♊24	5♊5	S 19
S 20	21 48 51	25♏5118	28♊58	22♊0	28♊57	21♊39	7♊55	20♊3	26♊15	22♊34	28♊42	3♊30	4♊12	27♊31	5♊2	S 20
M21	21 52 47	26♏4905	13♊33	22♊32	29♊8	22♊11	8♊3	20♊5	26♊13	22♊36	28♊43	3♊24	4♊9	27♊38	4♊59	M21
T 22	21 56 44	27♏4654	28♊14	23♊1	29♊16	22♊44	8♊10	20♊6	26♊11	22♊38	28♊44	3♊16	4♊6	27♊44	4♊56	T 22
W23	22 0 40	28♏4444	12♊52	23♊25	29♊23	23♊16	8♊18	20♊7	26♊9	22♊40	28♊45	3♊6	4♊3	27♊51	4♊53	W23
T 24	22 4 37	29♏4236	27♊21	23♊44	29♊27	23♊47	8♊27	20♊8	26♊7	22♊41	28♊45	2♊56	4♊0	27♊58	4♊51	T 24
F 25	22 8 34	0♊4029	11♊34	23♊58	29♊R29	24♊19	8♊35	20♊9	26♊6	22♊43	28♊46	2♊48	3♊56	28♊4	4♊48	F 25
S 26	22 12 30	1♊3824	25♊25	24♊7	29♊28	24♊50	8♊43	20♊10	26♊4	22♊45	28♊47	2♊40	3♊53	28♊11	4♊45	S 26
S 27	22 16 27	2♊3620	8♊52	24♊R10	29♊25	25♊21	8♊51	20♊11	26♊2	22♊47	28♊48	2♊36	3♊50	28♊18	4♊42	S 27
M28	22 20 23	3♊3417	21♊54	24♊8	29♊20	25♊51	9♊0	20♊12	26♊0	22♊49	28♊48	2♊33	3♊47	28♊25	4♊39	M28
T 29	22 24 20	4♊3216	4♊34	24♊0	29♊13	26♊21	9♊9	20♊12	25♊58	22♊51	28♊49	2♊33	3♊44	28♊31	4♊36	T 29
W30	22 28 16	5♊3016	16♊54	23♊45	29♊3	26♊51	9♊18	20♊13	25♊57	22♊52	28♊50	2♊33	3♊41	28♊38	4♊33	W30
T 31	22 32 13	6♊2817	29♊0	23♊25	28♊51	27♊21	9♊26	20♊13	25♊55	22♊54	28♊50	2♊34	3♊41	28♊45	4♊30	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n22	9s31	0n46	11n 0	0n16	2n 6	1s57	12n59	2s 7	12s30	1n 3	15n21	2s18	21s20	0s34	21n 6
W 2	18 8	14 45	0s19	10 22	0 7	1 41	2 6	13 10	2 7	12 32	1 3	15 21	2 18	21 20	0 34	21 6
T 3	17 52	19 18	1 22	9 43	0s 2	1 17	2 16	13 22	2 6	12 34	1 3	15 22	2 18	21 21	0 34	21 6
F 4	17 37	23 1	2 20	9 5	0 11	0 54	2 25	13 33	2 6	12 36	1 3	15 23	2 19	21 21	0 34	21 5
S 5	17 1	25 45	3 12	8 27	0 21	0 30	2 35	13 44	2 6	12 38	1 2	15 23	2 19	21 22	0 34	21 5
S 6	17 5	27 20	3 56	7 50	0 31	0 7	2 45	13 56	2 5	12 40	1 2	15 24	2 19	21 22	0 34	21 5
M 7	16 49	27 40	4 29	7 13	0 41	0s15	2 55	14 6	2 5	12 42	1 2	15 24	2 19	21 23	0 34	21 4
T 8	16 32	26 42	4 51	6 37	0 51	0 38	3 5	14 17	2 5	12 44	1 2	15 25	2 20	21 23	0 34	21 4
W 9	16 16	24 28	5 0	6 1	1 1	1 0	3 16	14 28	2 4	12 47	1 1	15 25	2 20	21 24	0 34	21 4
T 10	15 59	21 5	4 55	5 25	1 12	1 21	3 26	14 39	2 4	12 49	1 1	15 26	2 20	21 24	0 34	21 3
F 11	15 41	16 43	4 36	4 51	1 22	1 42	3 37	14 49	2 4	12 51	1 1	15 26	2 20	21 24	0 34	21 3
S 12	15 24	11 33	4 3	4 17	1 33	2 3	3 48	14 59	2 3	12 53	1 1	15 27	2 20	21 25	0 34	21 3
S 13	15 6	5 50	3 18	3 44	1 44	2 23	3 59	15 9	2 3	12 56	1 0	15 27	2 21	21 25	0 34	21 2
M14	14 48	0n14	2 21	3 12	1 55	2 43	4 10	15 19	2 2	12 58	1 0	15 27	2 21	21 26	0 34	21 2
T 15	14 29	6 23	1 15	2 41	2 5	3 1	4 21	15 29	2 2	13 1	1 0	15 28	2 21	21 26	0 34	21 2
W16	14 11	12 21	0 5	2 12	2 16	3 20	4 32	15 39	2 2	13 3	1 0	15 28	2 21	21 26	0 34	21 1
T 17	13 52	17 50	0n 8	1 43	2 27	3 38	4 44	15 48	2 1	13 6	1 0	15 28	2 22	21 27	0 34	21 1
F 18	13 33	22 28	2 17	1 16	2 38	3 55	4 55	15 57	2 1	13 8	0 59	15 29	2 22	21 27	0 34	21 1
S 19	13 14	25 52	3 19	0 50	2 48	4 11	5 6	16 7	2 0	13 11	0 59	15 29	2 22	21 28	0 34	21 0
S 20	12 55	27 37	4 10	0 26	2 59	4 27	5 18	16 16	1 59	13 14	0 59	15 29	2 22	21 28	0 34	21 0
M21	12 35	27 29	4 45	0 4	3 9	4 41	5 30	16 25	1 59	13 16	0 59	15 29	2 22	21 28	0 34	21 0
T 22	12 15	25 27	5 2	0s16	3 19	4 55	5 41	16 33	1 58	13 19	0 58	15 29	2 23	21 29	0 34	20 59
W23	11 55	21 44	4 59	0 35	3 29	5 9	5 53	16 42	1 58	13 22	0 58	15 29	2 23	21 29	0 34	20 59
T 24	11 35	16 43	4 36	0 51	3 38	5 21	6 4	16 50	1 57	13 25	0 58	15 29	2 23	21 29	0 34	20 59
F 25	11 14	10 53	3 57	1 4	3 46	5 32	6 16	16 59	1 56	13 27	0 58	15 29	2 23	21 30	0 34	20 58
S 26	10 54	4 39	3 5	1 15	3 55	5 42	6 27	17 7	1 56	13 30	0 58	15 29	2 24	21 30	0 34	20 58
S 27	10 33	1s38	2 3	1 23	4 2	5 51	6 38	17 15	1 55	13 33	0 57	15 29	2 24	21 30	0 34	20 58
M28	10 12	7 40	0 57	1 29	4 9	5 59	6 49	17 23	1 54	13 36	0 57	15 29	2 24	21 31	0 34	20 57
T 29	9 51	13 13	0s11	1 31	4 15	6 6	7 0	17 31	1 54	13 39	0 57	15 29	2 24	21 31	0 34	20 57
W30	9 30	18 7	1 16	1 30	4 20	6 12	7 10	17 38	1 53	13 42	0 57	15 29	2 24	21 31	0 34	20 57
T 31	9n 9	22s10	2s17	1s25	4s23	6s17	7s21	17n46	1s52	13s45	0n57	15n29	2s25	21s32	0s34	20n57

Julian Day Number = 2419249.5, Delta T = 13.19 sec  
 Ecliptic obliquity = 23°27'10", Nutation = - 0°00'09", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°30'19", Lahiri = 22°37'20"

# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

SEPTEMBER 1911

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 36 9	7 <sup>m</sup> 26'20	10 <sup>m</sup> 56	22°R58	28°R36	27 <sup>m</sup> 50	9 <sup>m</sup> 35	20 <sup>m</sup> 13	25°R54	22 <sup>m</sup> 56	28 <sup>m</sup> 51	2°R34	3 <sup>m</sup> 34	28 <sup>m</sup> 51	4°R27	F 1
S 2	22 40 6	8°24'24	22°47	22 <sup>m</sup> 26	28 <sup>m</sup> 19	28°19	9°45	20°14	25 <sup>m</sup> 52	22°57	28°52	2 <sup>m</sup> 33	3°31	28°58	4 <sup>m</sup> 24	S 2
S 3	22 44 3	9°22'30	4 <sup>m</sup> 39	21°47	28° 0	28°47	9°54	20°R14	25°50	22°59	28°52	2°30	3°28	29° 5	4°22	S 3
M 4	22 47 59	10°20'37	16°35	21° 3	27°38	29°15	10° 3	20°14	25°49	23° 1	28°53	2°24	3°25	29°11	4°19	M 4
T 5	22 51 56	11°18'46	28°41	20°15	27°15	29°43	10°13	20°13	25°47	23° 2	28°53	2°17	3°22	29°18	4°16	T 5
W 6	22 55 52	12°16'56	10 <sup>m</sup> 59	19°21	26°49	0 <sup>m</sup> 10	10°22	20°13	25°46	23° 4	28°54	2° 9	3°18	29°25	4°13	W 6
T 7	22 59 49	13°15'08	23°30	18°25	26°21	0°37	10°32	20°13	25°45	23° 6	28°54	2° 0	3°15	29°32	4°10	T 7
F 8	23 3 45	14°13'21	6 <sup>m</sup> 16	17°26	25°52	1° 3	10°42	20°12	25°43	23° 7	28°55	1°51	3°12	29°38	4° 7	F 8
S 9	23 7 42	15°11'36	19°16	16°26	25°20	1°29	10°51	20°12	25°42	23° 9	28°55	1°44	3° 9	29°45	4° 4	S 9
S 10	23 11 38	16° 9'53	2 <sup>m</sup> 29	15°26	24°48	1°55	11° 1	20°11	25°41	23°10	28°56	1°39	3° 6	29°52	4° 1	S 10
M 11	23 15 35	17° 8'12	15°55	14°28	24°14	2°20	11°11	20°10	25°40	23°12	28°56	1°35	3° 2	29°58	3°59	M 11
T 12	23 19 32	18° 6'32	29°32	13°33	23°39	2°44	11°21	20° 9	25°38	23°13	28°57	1°D34	2°59	0° 5	3°56	T 12
W 13	23 23 28	19° 4'55	13 <sup>m</sup> 18	12°42	23° 3	3° 9	11°32	20° 8	25°37	23°14	28°57	1°35	2°56	0°12	3°53	W 13
T 14	23 27 25	20° 3'20	27°13	11°56	22°26	3°33	11°42	20° 7	25°36	23°16	28°58	1°36	2°53	0°18	3°50	T 14
F 15	23 31 21	21° 1'47	11 <sup>m</sup> 15	11°17	21°49	3°56	11°52	20° 6	25°35	23°17	28°58	1°37	2°50	0°25	3°48	F 15
S 16	23 35 18	22° 0'17	25°23	10°46	21°12	4°19	12° 3	20° 4	25°34	23°19	28°58	1°R38	2°47	0°32	3°45	S 16
S 17	23 39 14	22°58'49	9 <sup>m</sup> 37	10°23	20°35	4°41	12°13	20° 3	25°33	23°20	28°59	1°36	2°43	0°39	3°42	S 17
M 18	23 43 11	23°57'22	23°53	10°10	19°59	5° 3	12°24	20° 1	25°32	23°21	28°59	1°34	2°40	0°45	3°40	M 18
T 19	23 47 7	24°55'58	8 <sup>m</sup> 8	10°D 5	19°23	5°24	12°35	20° 0	25°31	23°23	28°59	1°29	2°37	0°52	3°37	T 19
W 20	23 51 4	25°54'37	22°19	10°11	18°47	5°45	12°46	19°58	25°31	23°24	28°59	1°24	2°34	0°59	3°34	W 20
T 21	23 55 1	26°53'17	6 <sup>m</sup> 22	10°26	18°13	6° 5	12°57	19°56	25°30	23°25	29° 0	1°18	2°31	1° 5	3°32	T 21
F 22	23 58 57	27°51'59	20°11	10°51	17°40	6°25	13° 8	19°54	25°29	23°26	29° 0	1°13	2°28	1°12	3°29	F 22
S 23	0 2 54	28°50'43	3 <sup>m</sup> 43	11°25	17° 8	6°44	13°19	19°52	25°28	23°27	29° 0	1° 9	2°24	1°19	3°27	S 23
S 24	0 6 50	29°49'29	16°57	12° 8	16°38	7° 2	13°30	19°50	25°28	23°28	29° 0	1° 7	2°21	1°25	3°24	S 24
M 25	0 10 47	0 <sup>m</sup> 48'17	29°51	12°59	16°10	7°20	13°41	19°48	25°27	23°30	29° 0	1°D 6	2°18	1°32	3°22	M 25
T 26	0 14 43	1°47'07	12 <sup>m</sup> 27	13°58	15°44	7°37	13°52	19°45	25°27	23°31	29° 0	1° 7	2°15	1°39	3°19	T 26
W 27	0 18 40	2°45'59	24°46	15° 4	15°20	7°54	14° 4	19°43	25°26	23°32	29° 0	1° 8	2°12	1°46	3°17	W 27
T 28	0 22 36	3°44'53	6 <sup>m</sup> 51	16°17	14°57	8°10	14°15	19°40	25°26	23°33	29° 0	1°10	2° 8	1°52	3°14	T 28
F 29	0 26 33	4°43'48	18°48	17°35	14°37	8°25	14°27	19°38	25°25	23°34	29° 0	1°11	2° 5	1°59	3°12	F 29
S 30	0 30 30	5 <sup>m</sup> 42'46	0 <sup>m</sup> 340	18 <sup>m</sup> 58	14 <sup>m</sup> 20	8 <sup>m</sup> 40	14 <sup>m</sup> 38	19 <sup>m</sup> 35	25 <sup>m</sup> 25	23 <sup>m</sup> 35	29°R 0	1°R12	2 <sup>m</sup> 8	2 <sup>m</sup> 6	3 <sup>m</sup> 10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8n47	25s15	3s11	1s16	4s25	6s20	7s30	17n53	1s51	13s48	0n56	15n29	2s25	21s32	0s34	F 1
S 2	8 25	27 11	3 56	1 4	4 26	6 22	7 40	18 0	1 50	13 51	0 56	15 29	2 25	21 32	0 34	S 2
S 3	8 4	27 53	4 31	0 49	4 26	6 22	7 49	18 7	1 50	13 54	0 56	15 29	2 25	21 32	0 34	S 3
M 4	7 42	27 18	4 55	0 29	4 23	6 21	7 57	18 14	1 49	13 57	0 56	15 28	2 26	21 33	0 34	M 4
T 5	7 20	25 25	5 6	0 6	4 19	6 19	8 5	18 21	1 48	14 1	0 56	15 28	2 26	21 33	0 34	T 5
W 6	6 57	22 20	5 3	0n20	4 13	6 16	8 13	18 27	1 47	14 4	0 55	15 28	2 26	21 33	0 34	W 6
T 7	6 35	18 11	4 45	0 50	4 5	6 11	8 19	18 34	1 46	14 7	0 55	15 28	2 26	21 33	0 34	T 7
F 8	6 13	13 9	4 14	1 22	3 55	6 5	8 25	18 40	1 45	14 10	0 55	15 27	2 26	21 34	0 34	F 8
S 9	5 50	7 26	3 28	1 56	3 43	5 57	8 30	18 46	1 44	14 13	0 55	15 27	2 27	21 34	0 34	S 9
S 10	5 28	1 19	2 30	2 32	3 29	5 48	8 35	18 53	1 43	14 17	0 55	15 26	2 27	21 34	0 34	S 10
M 11	5 5	4n59	1 24	3 8	3 14	5 38	8 38	18 59	1 42	14 20	0 55	15 26	2 27	21 34	0 33	M 11
T 12	4 42	11 8	0 11	3 45	2 57	5 26	8 41	19 4	1 41	14 23	0 54	15 26	2 27	21 35	0 33	T 12
W 13	4 19	16 51	1n 3	4 21	2 39	5 14	8 42	19 10	1 40	14 26	0 54	15 25	2 27	21 35	0 33	W 13
T 14	3 56	21 44	2 14	4 55	2 20	5 0	8 43	19 16	1 38	14 30	0 54	15 25	2 28	21 35	0 33	T 14
F 15	3 33	25 25	3 18	5 28	2 1	4 46	8 43	19 21	1 37	14 33	0 54	15 24	2 28	21 35	0 33	F 15
S 16	3 10	27 33	4 11	5 58	1 41	4 30	8 42	19 27	1 36	14 37	0 54	15 24	2 28	21 35	0 33	S 16
S 17	2 47	27 54	4 48	6 25	1 22	4 14	8 40	19 32	1 35	14 40	0 53	15 23	2 28	21 35	0 33	S 17
M 18	2 24	26 23	5 8	6 48	1 2	3 57	8 37	19 37	1 34	14 43	0 53	15 22	2 28	21 36	0 33	M 18
T 19	2 1	23 12	5 8	7 8	0 43	3 39	8 33	19 42	1 32	14 47	0 53	15 22	2 29	21 36	0 33	T 19
W 20	1 38	18 39	4 50	7 23	0 24	3 21	8 28	19 47	1 31	14 50	0 53	15 21	2 29	21 36	0 33	W 20
T 21	1 14	13 8	4 15	7 33	0 7	3 3	8 22	19 52	1 30	14 54	0 53	15 20	2 29	21 36	0 33	T 21
F 22	0 51	7 2	3 25	7 39	0n10	2 44	8 16	19 56	1 28	14 57	0 53	15 20	2 29	21 36	0 33	F 22
S 23	0 28	0 43	2 24	7 41	0 25	2 25	8 8	20 1	1 27	15 1	0 53	15 19	2 29	21 36	0 33	S 23
S 24	0 4	5s29	1 17	7 37	0 39	2 6	8 0	20 5	1 26	15 4	0 52	15 18	2 30	21 36	0 33	S 24
M 25	0s19	11 19	0 7	7 30	0 53	1 47	7 52	20 10	1 24	15 8	0 52	15 17	2 30	21 36	0 33	M 25
T 26	0 43	16 34	1s 2	7 18	1 4	1 29	7 42	20 14	1 23	15 11	0 52	15 17	2 30	21 36	0 33	T 26
W 27	1 6	21 0	2 6	7 2	1 15	1 10	7 33	20 18	1 21	15 15	0 52	15 16	2 30	21 36	0 33	W 27
T 28	1 29	24 29	3 4	6 42	1 34	0 52	7 22	20 22	1 19	15 18	0 52	15 15	2 30	21 37	0 33	T 28
F 29	1 53	26 50	3 52	6 19	1 22	0 35	7 11	20 26	1 18	15 22	0 52	15 14	2 30	21 37	0 33	F 29
S 30	2s16	27s58	4s31	5n52	1n38	0s18	7s 0	20n30	1s16	15s25	0n51	15n13	2s31	21s37	0s33	S 30

Julian Day Number = 2419280.5, Delta T = 13.30 sec

Ecliptic obliquity = 23°27'11, Nutation = - 0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°30'24, Lahiri = 22°37'24

# ASTRODIENST EPHEMERIS for the year 1911

## geocentric

OCTOBER 1911

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 34 26	6♂41'45	12♂33	20♂26	14°R 4	8♂54	14♂50	19°R32	25°R25	23♂36	29°R 0	1°R12	1♂59	2♂12	3°R 7	S 1
M 2	0 38 23	7°40'45	24°30	21°58	13♂51	9° 7	15° 2	19♂29	25♂25	23°36	29♂0	1♂11	1°56	2°19	3°R 5	M 2
T 3	0 42 19	8°39'48	6♂37	23°32	13°41	9°20	15°13	19°26	25°24	23°37	29° 0	1° 9	1°53	2°26	3° 3	T 3
W 4	0 46 16	9°38'52	18°58	25°10	13°33	9°32	15°25	19°23	25°24	23°38	29° 0	1° 6	1°49	2°32	3° 1	W 4
T 5	0 50 12	10°37'58	1♂36	26°50	13°27	9°43	15°37	19°20	25°24	23°39	29° 0	1° 3	1°46	2°39	2°59	T 5
F 6	0 54 9	11°37'06	14°32	28°31	13°24	9°53	15°49	19°17	25°D24	23°40	29° 0	1° 0	1°43	2°46	2°56	F 6
S 7	0 58 5	12°36'16	27°48	0♂14	13°D23	10° 3	16° 1	19°13	25°24	23°40	29° 0	0°57	1°40	2°53	2°54	S 7
S 8	1 2 2	13°35'28	11°Y22	1°57	13°24	10°12	16°13	19°10	25°24	23°41	29° 0	0°56	1°37	2°59	2°52	S 8
M 9	1 5 58	14°34'42	25°13	3°42	13°28	10°20	16°25	19° 6	25°24	23°42	29° 0	0°D55	1°33	3° 6	2°50	M 9
T 10	1 9 55	15°33'58	9♂17	5°27	13°35	10°28	16°38	19° 3	25°25	23°42	28°59	0°55	1°30	3°13	2°49	T 10
W11	1 13 52	16°33'16	23°30	7°12	13°43	10°34	16°50	18°59	25°25	23°43	28°59	0°56	1°27	3°19	2°47	W11
T 12	1 17 48	17°32'37	7♂18	8°57	13°54	10°40	17° 2	18°56	25°25	23°43	28°59	0°57	1°24	3°26	2°45	T 12
F 13	1 21 45	18°32'00	22° 8	10°42	14° 7	10°45	17°15	18°52	25°25	23°44	28°59	0°58	1°21	3°33	2°43	F 13
S 14	1 25 41	19°31'25	6♂26	12°27	14°22	10°49	17°27	18°48	25°26	23°45	28°58	0°58	1°18	3°40	2°41	S 14
S 15	1 29 38	20°30'52	20°39	14°12	14°39	10°53	17°39	18°44	25°26	23°45	28°58	0°R59	1°14	3°46	2°40	S 15
M16	1 33 34	21°30'22	4♂24	15°56	14°58	10°55	17°52	18°40	25°27	23°45	28°58	0°58	1°11	3°53	2°38	M16
T 17	1 37 31	22°29'55	18°41	17°40	15°18	10°57	18° 4	18°36	25°27	23°46	28°57	0°58	1° 8	4° 0	2°36	T 17
W18	1 41 27	23°29'29	2♂28	19°24	15°41	10°R58	18°17	18°32	25°28	23°46	28°57	0°57	1° 5	4° 6	2°35	W18
T 19	1 45 24	24°29'06	16° 2	21° 7	16° 6	10°58	18°30	18°28	25°28	23°46	28°56	0°56	1° 2	4°13	2°33	T 19
F 20	1 49 21	25°28'44	29°24	22°49	16°32	10°57	18°42	18°23	25°29	23°47	28°56	0°55	0°59	4°20	2°32	F 20
S 21	1 53 17	26°28'25	12♂32	24°31	17° 0	10°55	18°55	18°19	25°30	23°47	28°56	0°55	0°55	4°26	2°31	S 21
S 22	1 57 14	27°28'09	25°26	26°12	17°30	10°52	19° 8	18°15	25°31	23°47	28°55	0°D55	0°52	4°33	2°29	S 22
M23	2 1 10	28°27'54	8♂6	27°53	18° 1	10°48	19°21	18°10	25°32	23°47	28°55	0°55	0°49	4°40	2°28	M23
T 24	2 5 7	29°27'41	20°31	29°33	18°33	10°44	19°33	18° 6	25°32	23°48	28°54	0°55	0°46	4°47	2°27	T 24
W25	2 9 3	0♂27'30	2♂45	1♂12	19° 7	10°38	19°46	18° 1	25°33	23°48	28°54	0°R55	0°43	4°53	2°26	W25
T 26	2 13 0	1°27'21	14°48	2°51	19°43	10°32	19°59	17°57	25°34	23°48	28°53	0°55	0°39	5° 0	2°25	T 26
F 27	2 16 56	2°27'13	26°44	4°30	20°19	10°24	20°12	17°52	25°35	23°48	28°53	0°55	0°36	5° 7	2°24	F 27
S 28	2 20 53	3°27'08	8♂35	6° 7	20°57	10°16	20°25	17°48	25°36	23°R48	28°52	0°55	0°33	5°13	2°23	S 28
S 29	2 24 50	4°27'04	20°27	7°45	21°37	10° 7	20°38	17°43	25°38	23°48	28°51	0°54	0°30	5°20	2°22	S 29
M30	2 28 46	5°27'02	2♂23	9°22	22°17	9°57	20°51	17°38	25°39	23°48	28°51	0°D54	0°27	5°27	2°21	M30
T 31	2 32 43	6♂27'01	14♂28	10♂58	22♂59	9♂46	21♂4	17♂34	25♂40	23♂48	28♂50	0♂54	0♂24	5♂34	2♂20	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	2s40	27s48	4s58	5n23	1n44	0s 1	6s49	20n34	1s14	15s29	0n51	15n12	2s31	21s37	0s33	20n49
M 2	3 3	26 21	5 12	4 51	1 48	0n15	6 37	20 38	1 13	15 32	0 51	15 11	2 31	21 37	0 33	20 49
T 3	3 26	23 40	5 13	4 16	1 51	0 30	6 25	20 42	1 11	15 36	0 51	15 10	2 31	21 37	0 33	20 49
W 4	3 49	19 53	4 59	3 40	1 54	0 45	6 12	20 45	1 9	15 39	0 51	15 10	2 31	21 37	0 33	20 49
T 5	4 13	15 8	4 31	3 1	1 55	0 58	6 0	20 49	1 7	15 43	0 51	15 9	2 31	21 37	0 33	20 49
F 6	4 36	9 36	3 48	2 21	1 55	1 11	5 47	20 52	1 5	15 47	0 51	15 8	2 32	21 37	0 33	20 49
S 7	4 59	3 31	2 53	1 40	1 55	1 23	5 34	20 55	1 4	15 50	0 51	15 6	2 32	21 37	0 33	20 49
S 8	5 22	2n53	1 46	0 58	1 54	1 34	5 22	20 59	1 2	15 54	0 50	15 5	2 32	21 37	0 33	20 48
M 9	5 45	9 16	0 31	0 15	1 52	1 45	5 9	21 2	1 0	15 57	0 50	15 4	2 32	21 37	0 33	20 48
T 10	6 8	15 19	0n46	0s29	1 50	1 54	4 56	21 5	0 57	16 1	0 50	15 3	2 32	21 37	0 33	20 48
W11	6 31	20 37	2 2	1 13	1 47	2 3	4 43	21 8	0 55	16 5	0 50	15 2	2 32	21 36	0 33	20 48
T 12	6 53	24 45	3 10	1 58	1 44	2 10	4 31	21 11	0 53	16 8	0 50	15 1	2 32	21 36	0 33	20 48
F 13	7 16	27 20	4 7	2 43	1 40	2 17	4 18	21 14	0 51	16 12	0 50	15 0	2 32	21 36	0 33	20 48
S 14	7 39	28 6	4 48	3 27	1 36	2 23	4 6	21 16	0 49	16 15	0 50	14 59	2 33	21 36	0 33	20 48
S 15	8 1	27 0	5 11	4 12	1 31	2 28	3 53	21 19	0 47	16 19	0 50	14 58	2 33	21 36	0 33	20 48
M16	8 23	24 12	5 16	4 57	1 26	2 32	3 41	21 22	0 44	16 23	0 49	14 56	2 33	21 36	0 33	20 48
T 17	8 46	20 20	5 2	5 42	1 21	2 35	3 29	21 24	0 42	16 26	0 49	14 55	2 33	21 36	0 33	20 48
W18	9 8	14 48	4 30	6 26	1 15	2 37	3 17	21 27	0 40	16 30	0 49	14 54	2 33	21 36	0 33	20 47
T 19	9 30	8 57	3 44	7 10	1 10	2 38	3 6	21 29	0 37	16 33	0 49	14 53	2 33	21 36	0 33	20 47
F 20	9 51	2 47	2 46	7 54	1 4	2 39	2 54	21 32	0 35	16 37	0 49	14 52	2 33	21 35	0 33	20 47
S 21	10 13	3s25	1 40	8 37	0 58	2 38	2 43	21 34	0 32	16 40	0 49	14 50	2 33	21 35	0 33	20 47
S 22	10 35	9 22	0 30	9 19	0 51	2 37	2 32	21 36	0 29	16 44	0 49	14 49	2 33	21 35	0 33	20 47
M23	10 56	14 50	0s40	10 2	0 45	2 35	2 21	21 38	0 27	16 48	0 49	14 48	2 33	21 35	0 33	20 47
T 24	11 17	19 36	1 47	10 43	0 39	2 32	2 10	21 40	0 24	16 51	0 49	14 47	2 33	21 35	0 33	20 47
W25	11 38	23 28	2 48	11 24	0 32	2 29	2 0	21 42	0 22	16 55	0 48	14 45	2 33	21 35	0 33	20 47
T 26	11 59	26 14	3 40	12 4	0 25	2 24	1 49	21 44	0 19	16 58	0 48	14 44	2 33	21 34	0 33	20 47
F 27	12 20	27 47	4 22	12 44	0 19	2 19	1 39	21 45	0 16	17 2	0 48	14 43	2 33	21 34	0 33	20 47
S 28	12 40	28 3	4 53	13 23	0 12	2 13	1 29	21 47	0 13	17 5	0 48	14 41	2 33	21 34	0 33	20 47
S 29	13 1	27 2	5 12	14 1	0 5	2 7	1 19	21 49	0 10	17 9	0 48	14 40	2 34	21 34	0 32	20 47
M30	13 21	24 47	5 17	14 39	0s 2	1 59	1 10	21 50	0 7	17 12	0 48	14 39	2 34	21 33	0 32	20 47
T 31	13s41	21s25	5s 8	15s15	0s 8	1n52	1s 1	21n51	0s 5	17s16	0n48	14n37	2s34	21s33	0s32	20n47

Julian Day Number = 2419310.5, Delta T = 13.41 sec  
 Ecliptic obliquity = 23°27'11", Nutation = - 0°00'09", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°30'28", Lahiri = 22°37'28"

ASTRODIENST EPHEMERIS for the year 1911  
geocentric

NOVEMBER 1911

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 36 39	7♈27°02	26♈47	12♈34	23♈41	9°R35	21♈17	17°R29	25♈41	23°R48	28°R49	0♈55	0♈20	5♈40	2°R19	W 1
T 2	2 40 36	8°27'05	9♈23	14° 9	24°25	9♈22	21°30	17♈24	25°43	23♈48	28♈49	0°55	0°17	5°47	2°R18	T 2
F 3	2 44 32	9°27'09	22°21	15°44	25°10	9° 9	21°43	17°19	25°44	23°47	28°48	0°56	0°14	5°54	2°18	F 3
S 4	2 48 29	10°27'15	5♈43	17°19	25°56	8°55	21°57	17°14	25°45	23°47	28°47	0°57	0°11	6° 0	2°17	S 4
S 5	2 52 25	11°27'22	19°29	18°53	26°42	8°40	22°10	17°10	25°47	23°47	28°46	0°57	0° 8	6° 7	2°17	S 5
M 6	2 56 22	12°27'31	3♈38	20°26	27°30	8°25	22°23	17° 5	25°48	23°47	28°46	0°R58	0° 5	6°14	2°16	M 6
T 7	3 0 19	13°27'42	18° 6	22° 0	28°18	8° 8	22°36	17° 0	25°50	23°46	28°45	0°57	0° 1	6°21	2°16	T 7
W 8	3 4 15	14°27'55	2♈47	23°33	29° 8	7°51	22°49	16°55	25°52	23°46	28°44	0°56	29°Y58	6°27	2°15	W 8
T 9	3 8 12	15°28'10	17°34	25° 5	29°58	7°34	23° 3	16°50	25°53	23°46	28°43	0°54	29°55	6°34	2°15	T 9
F 10	3 12 8	16°28'26	2♈21	26°38	0♈49	7°16	23°16	16°45	25°55	23°45	28°43	0°52	29°52	6°41	2°15	F 10
S 11	3 16 5	17°28'45	16°59	28°10	1°41	6°57	23°29	16°40	25°57	23°45	28°42	0°51	29°49	6°47	2°15	S 11
S 12	3 20 1	18°29'06	1♈24	29°41	2°33	6°37	23°42	16°35	25°59	23°44	28°41	0°49	29°45	6°54	2°14	S 12
M13	3 23 58	19°29'28	15°33	1♈12	3°27	6°17	23°56	16°31	26° 0	23°44	28°40	0°D48	29°42	7° 1	2°14	M13
T 14	3 27 54	20°29'53	29°23	2°43	4°21	5°57	24° 9	16°26	26° 2	23°43	28°39	0°48	29°39	7° 8	2°D14	T 14
W15	3 31 51	21°30'19	12♈55	4°14	5°15	5°36	24°22	16°21	26° 4	23°43	28°38	0°49	29°36	7°14	2°14	W15
T 16	3 35 48	22°30'48	26° 9	5°44	6°11	5°15	24°36	16°16	26° 6	23°42	28°37	0°51	29°33	7°21	2°15	T 16
F 17	3 39 44	23°31'18	9♈ 8	7°14	7° 6	4°53	24°49	16°11	26° 8	23°41	28°36	0°53	29°30	7°28	2°15	F 17
S 18	3 43 41	24°31'50	21°54	8°44	8° 3	4°31	25° 2	16° 6	26°10	23°41	28°35	0°54	29°26	7°34	2°15	S 18
S 19	3 47 37	25°32'23	4♈27	10°13	9° 0	4° 9	25°16	16° 2	26°12	23°40	28°34	0°R54	29°23	7°41	2°15	S 19
M20	3 51 34	26°32'58	16°49	11°42	9°58	3°47	25°29	15°57	26°15	23°39	28°33	0°53	29°20	7°48	2°16	M20
T 21	3 55 30	27°33'35	29° 2	13°11	10°56	3°24	25°42	15°52	26°17	23°38	28°32	0°50	29°17	7°55	2°16	T 21
W22	3 59 27	28°34'14	11♈ 7	14°39	11°54	3° 1	25°56	15°47	26°19	23°38	28°31	0°47	29°14	8° 1	2°16	W22
T 23	4 3 23	29°34'53	23° 6	16° 6	12°53	2°39	26° 9	15°43	26°21	23°37	28°30	0°42	29°11	8° 8	2°17	T 23
F 24	4 7 20	0♈35'35	4♈39	17°33	13°53	2°16	26°22	15°38	26°24	23°36	28°29	0°36	29° 7	8°15	2°18	F 24
S 25	4 11 17	1°36'17	16°50	19° 0	14°53	1°54	26°36	15°33	26°26	23°35	28°28	0°30	29° 4	8°21	2°18	S 25
S 26	4 15 13	2°37'00	28°41	20°25	15°54	1°31	26°49	15°29	26°28	23°34	28°27	0°25	29° 1	8°28	2°19	S 26
M27	4 19 10	3°37'45	10♈35	21°50	16°54	1° 9	27° 2	15°24	26°31	23°33	28°26	0°21	28°58	8°35	2°20	M27
T 28	4 23 6	4°38'31	22°37	23°14	17°56	0°47	27°15	15°20	26°33	23°32	28°25	0°19	28°55	8°42	2°21	T 28
W29	4 27 3	5°39'17	4♈51	24°37	18°58	0°25	27°29	15°16	26°36	23°31	28°24	0°D18	28°51	8°48	2°21	W29
T 30	4 30 59	6♈40'05	17♈22	25♈59	20♈ 0	0♈ 4	27♈42	15♈11	26♈38	23♈30	28♈23	0♈19	28°Y48	8♈55	2♈22	T 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s 0	17s 4	4s45	15s51	0s15	1n43	0s52	21n52	0s 2	17s19	0n48	14n36	2s34	21s33	0s32	20n47	0s35	16n58	6s29	11n48	11n36	28s 0	5s21	5n41	
T 2	14 20	11 53	4 8	16 26	0 22	1 34	0 43	21 54	0n 1	17 23	0 48	14 35	2 34	21 33	0 32	20 47	0 35	16 58	6 29	11 48	11 35	28 0	5 21	5 41	
F 3	14 39	6 4	3 18	17 1	0 28	1 24	0 34	21 54	0 4	17 26	0 48	14 33	2 34	21 32	0 32	20 47	0 35	16 58	6 29	11 48	11 34	28 0	5 22	5 40	
S 4	14 58	0n12	2 15	17 34	0 35	1 14	0 26	21 55	0 7	17 30	0 47	14 32	2 34	21 32	0 32	20 47	0 35	16 58	6 29	11 49	11 33	28 0	5 22	5 40	
S 5	15 17	6 39	1 3	18 7	0 42	1 3	0 18	21 56	0 11	17 33	0 47	14 31	2 34	21 32	0 32	20 47	0 35	16 58	6 29	11 49	11 31	28 1	5 23	5 39	
M 6	15 35	12 58	0n15	18 38	0 48	0 51	0 10	21 57	0 14	17 37	0 47	14 29	2 34	21 32	0 32	20 47	0 35	16 58	6 29	11 49	11 30	28 1	5 24	5 39	
T 7	15 53	18 43	1 33	19 9	0 54	0 39	0 2	21 57	0 17	17 40	0 47	14 28	2 34	21 31	0 32	20 47	0 35	16 58	6 29	11 49	11 29	28 1	5 24	5 39	
W 8	16 11	23 27	2 47	19 39	1 1	0 26	0n 6	21 58	0 20	17 44	0 47	14 27	2 33	21 31	0 32	20 47	0 35	16 58	6 29	11 48	11 28	28 1	5 25	5 38	
T 9	16 29	26 41	3 50	20 8	1 7	0 13	0 13	21 58	0 23	17 47	0 47	14 25	2 33	21 31	0 32	20 47	0 35	16 58	6 29	11 48	11 27	28 1	5 25	5 38	
F 10	16 46	28 3	4 37	20 36	1 13	0s 1	0 20	21 58	0 26	17 50	0 47	14 24	2 33	21 30	0 32	20 47	0 35	16 57	6 29	11 47	11 26	28 1	5 25	5 38	
S 11	17 3	27 26	5 6	21 2	1 19	0 15	0 27	21 58	0 29	17 54	0 47	14 23	2 33	21 30	0 32	20 48	0 35	16 57	6 29	11 46	11 25	28 1	5 26	5 37	
S 12	17 20	24 59	5 16	21 28	1 24	0 30	0 34	21 58	0 32	17 57	0 47	14 21	2 33	21 30	0 32	20 48	0 35	16 57	6 29	11 46	11 24	28 1	5 26	5 37	
M13	17 37	21 2	5 5	21 53	1 30	0 45	0 41	21 57	0 36	18 1	0 47	14 20	2 33	21 29	0 32	20 48	0 35	16 57	6 30	11 46	11 22	28 1	5 27	5 36	
T 14	17 53	16 1	4 37	22 17	1 35	1 0	0 47	21 57	0 39	18 4	0 47	14 19	2 33	21 29	0 32	20 48	0 35	16 57	6 30	11 46	11 21	28 1	5 27	5 36	
W15	18 9	10 19	3 54	22 39	1 41	1 16	0 53	21 56	0 42	18 7	0 47	14 17	2 33	21 28	0 32	20 48	0 35	16 57	6 30	11 46	11 20	28 0	5 27	5 36	
T 16	18 25	4 17	3 0	23 1	1 46	1 33	0 59	21 55	0 45	18 11	0 47	14 16	2 33	21 28	0 32	20 48	0 35	16 57	6 30	11 47	11 19	28 0	5 28	5 35	
F 17	18 40	1s50	1 57	23 21	1 51	1 50	1 5	21 55	0 48	18 14	0 46	14 15	2 33	21 28	0 32	20 48	0 35	16 57	6 30	11 47	11 18	28 0	5 28	5 35	
S 18	18 55	7 46	0 49	23 40	1 55	2 7	1 11	21 54	0 51	18 17	0 46	14 14	2 33	21 27	0 32	20 48	0 35	16 57	6 30	11 47	11 17	28 0	5 28	5 34	
S 19	19 9	13 19	0s19	23 58	2 0	2 24	1 16	21 52	0 54	18 20	0 46	14 12	2 33	21 27	0 32	20 48	0 35	16 57	6 30	11 48	11 16	28 0	5 28	5 34	
M20	19 24	18 15	1 26	24 15	2 4	2 42	1 21	21 51	0 57	18 24	0 46	14 11	2 33	21 26	0 32	20 48	0 35	16 57	6 30	11 47	11 15	28 0	5 29	5 34	
T 21	19 38	22 22	2 28	24 30	2 7	3 0	1 26	21 50	1 0	18 27	0 46	14 10	2 33	21 26	0 32	20 49	0 35	16 57	6 30	11 46	11 13	28 0	5 29	5 33	
W22	19 51	25 28	3 23	24 44	2 11	3 19	1 31	21 48	1 3	18 30	0 46	14 9	2 32	21 25	0 32	20 49	0 35	16 57	6 30	11 45	11 12	28 0	5 29	5 33	
T 23	20 4	27 24	4 8	24 57	2 14	3 37	1 36	21 47	1 6	18 33	0 46	14 7	2 32	21 25	0 32	20 49	0 35	16 57	6 30	11 43	11 11	28 0	5 29	5 33	
F 24	20 17	28 3	4 41	25 9	2 17	3 56	1 40	21 45	1 9	18 36	0 46	14 6	2 32	21 25	0 32	20 49	0 35	16 57	6 30	11 41	11 10	28 0	5 29	5 32	
S 25	20 30	27 24	5 3	25 19	2 20	4 16	1 45	21 43	1 12	18 40	0 46	14 5	2 32	21 24	0 32	20 49	0 35	16 57	6 30	11 39	11 9	28 0	5 30	5 32	
S 26	20 42	25 31	5 11	25 28	2 22	4 35	1 49	21 42	1 15	18 43	0 46	14 4	2 32	21 24	0 32	20 49	0 35	16 57	6 30	11 38	11 8	27 59	5 30	5 31	
M27	20 53	22 30	5 7	25 35	2 24	4 55	1 53	21 40	1 17	18 46	0 46	14 3	2 32	21 23	0 32	20 49	0 35	16 57	6 30	11 36	11 7	27 59	5 30	5 31	
T 28	21 5	18 31	4 48	25 41	2 25	5 15	1 56	21 38	1 20	18 49	0 46	14 1	2 32	21 23	0 32	20 50	0 35	16 57	6 30	11 35	11 6	27 59	5 30	5 31	
W29	21 16	13 43	4 17	25 46	2 26	5 35	2 0	21 36	1 23	18 52	0 46	14 0	2 31	21 22	0 32	20 50	0 35	16 57	6 30	11 35	11 4	27 59	5 30	5 30	
T 30	21s26	8s15	3s33	25s49	2s26	5s55	2n 3	21n34	1n25	18s55	0n46	13n59	2s31	21s22	0s32	20n50	0s35	16n57	6s30	11n35	11n 3	27s59	5s30	5n30	

ASTRODIENST EPHEMERIS for the year 1911  
geocentric

DECEMBER 1911

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 34 56	7♂40'53	0♂13	27♂19	21♂2	29°R43	27♂55	15°R 7	26♂41	23°R29	28°R22	0♂20	28°Y45	9♂2	2♂23	F 1
S 2	4 38 52	8°41'42	13°30	28°38	22° 5	29♂22	28° 8	15♂ 3	26°44	23♂28	28♂21	0°22	28°42	9° 8	2°25	S 2
S 3	4 42 49	9°42'33	27°15	29°55	23° 8	29° 2	28°22	14°58	26°46	23°27	28°20	0°R23	28°39	9°15	2°26	S 3
M 4	4 46 46	10°43'24	11♂27	1♂9	24°12	28°42	28°35	14°54	26°49	23°26	28°19	0°22	28°36	9°22	2°27	M 4
T 5	4 50 42	11°44'16	26° 6	2°22	25°16	28°23	28°48	14°50	26°52	23°25	28°17	0°20	28°32	9°29	2°28	T 5
W 6	4 54 39	12°45'09	11♂4	3°31	26°20	28° 4	29° 1	14°46	26°54	23°24	28°16	0°15	28°29	9°35	2°29	W 6
T 7	4 58 35	13°46'04	26°15	4°38	27°24	27°46	29°14	14°42	26°57	23°22	28°15	0° 9	28°26	9°42	2°31	T 7
F 8	5 2 32	14°46'59	11♂27	5°40	28°29	27°29	29°28	14°38	27° 0	23°21	28°14	0° 2	28°23	9°49	2°32	F 8
S 9	5 6 28	15°47'56	26°30	6°39	29°34	27°12	29°41	14°34	27° 3	23°20	28°13	29°Y55	28°20	9°55	2°34	S 9
S 10	5 10 25	16°48'53	11♂16	7°32	0♂40	26°56	29°54	14°31	27° 6	23°19	28°12	29°49	28°17	10° 2	2°35	S 10
M 11	5 14 22	17°49'52	25°38	8°20	1°46	26°41	0♂7	14°27	27° 9	23°17	28°11	29°45	28°13	10° 9	2°37	M 11
T 12	5 18 18	18°50'52	9♂34	9° 2	2°52	26°26	0°20	14°23	27°11	23°16	28° 9	29°43	28°10	10°16	2°38	T 12
W 13	5 22 15	19°51'52	23° 4	9°37	3°58	26°12	0°33	14°20	27°14	23°15	28° 8	29°D42	28° 7	10°22	2°40	W 13
T 14	5 26 11	20°52'54	6♂11	10° 3	5° 4	25°59	0°46	14°17	27°17	23°13	28° 7	29°43	28° 4	10°29	2°42	T 14
F 15	5 30 8	21°53'57	18°58	10°21	6°11	25°46	0°59	14°13	27°20	23°12	28° 6	29°44	28° 1	10°36	2°44	F 15
S 16	5 34 4	22°55'01	1♂29	10°R29	7°18	25°35	1°12	14°10	27°23	23°10	28° 5	29°R45	27°57	10°42	2°45	S 16
S 17	5 38 1	23°56'06	13°46	10°26	8°25	25°24	1°24	14° 7	27°27	23° 9	28° 3	29°44	27°54	10°49	2°47	S 17
M 18	5 41 57	24°57'12	25°55	10°12	9°33	25°14	1°37	14° 4	27°30	23° 8	28° 2	29°40	27°51	10°56	2°49	M 18
T 19	5 45 54	25°58'18	7♂56	9°47	10°40	25° 5	1°50	14° 1	27°33	23° 6	28° 1	29°34	27°48	11° 3	2°51	T 19
W 20	5 49 51	26°59'26	19°53	9°10	11°48	24°56	2° 3	13°58	27°36	23° 5	28° 0	29°25	27°45	11° 9	2°53	W 20
T 21	5 53 47	28° 0'33	1♂47	8°21	12°56	24°49	2°15	13°55	27°39	23° 3	27°59	29°14	27°42	11°16	2°55	T 21
F 22	5 57 44	29° 1'42	13°39	7°22	14° 4	24°42	2°28	13°52	27°42	23° 2	27°57	29° 2	27°38	11°23	2°58	F 22
S 23	6 1 40	0♂25'50	25°30	6°14	15°13	24°36	2°41	13°50	27°45	23° 0	27°56	28°49	27°35	11°29	3° 0	S 23
S 24	6 5 37	1° 3'59	7♂23	4°59	16°21	24°31	2°53	13°47	27°49	22°59	27°55	28°38	27°32	11°36	3° 2	S 24
M 25	6 9 33	2° 5'08	19°19	3°39	17°30	24°27	3° 6	13°45	27°52	22°57	27°54	28°28	27°29	11°43	3° 4	M 25
T 26	6 13 30	3° 6'18	1♂22	2°16	18°39	24°24	3°18	13°42	27°55	22°55	27°53	28°20	27°26	11°50	3° 7	T 26
W 27	6 17 26	4° 7'27	13°34	0°55	19°48	24°21	3°31	13°40	27°59	22°54	27°52	28°16	27°23	11°56	3° 9	W 27
T 28	6 21 23	5° 8'36	26° 0	29♂36	20°57	24°19	3°43	13°38	28° 2	22°52	27°50	28°13	27°19	12° 3	3°11	T 28
F 29	6 25 20	6° 9'45	8♂Y4	28°23	22° 6	24°18	3°55	13°36	28° 5	22°51	27°49	28°D13	27°16	12°10	3°14	F 29
S 30	6 29 16	7°10'54	21°51	27°18	23°16	24°D18	4° 8	13°34	28° 9	22°49	27°48	28°R13	27°13	12°17	3°16	S 30
S 31	6 33 13	8♂12'03	5♂25	26♂22	24♂26	24♂19	4♂20	13♂32	28♂12	22♂47	27♂47	28♂Y13	27♂Y10	12♂23	3♂19	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s36	2s18	2s37	25s51	2s26	6s15	2n 7	21n32	1n28	18s58	0n46	13n58	2s31	21s21	0s32	20n50	0s35	16n57	6s30	11n36	11n 2	27s59	5s30	5n30	
S 2	21 46	3n57	1 30	25 52	2 25	6 36	2 10	21 29	1 30	19 1	0 46	13 57	2 31	21 21	0 32	20 50	0 35	16 57	6 30	11 36	11 1	27 59	5 30	5 29	
S 3	21 55	10 14	0 17	25 51	2 23	6 56	2 13	21 27	1 32	19 4	0 46	13 56	2 31	21 20	0 32	20 50	0 35	16 57	6 30	11 37	11 0	27 58	5 30	5 29	
M 4	22 4	16 13	1n 0	25 48	2 21	7 17	2 16	21 25	1 35	19 7	0 46	13 55	2 31	21 20	0 32	20 51	0 35	16 57	6 30	11 36	10 59	27 58	5 30	5 28	
T 5	22 12	21 28	2 15	25 44	2 18	7 38	2 18	21 23	1 37	19 10	0 46	13 54	2 30	21 19	0 32	20 51	0 35	16 57	6 30	11 36	10 58	27 58	5 30	5 28	
W 6	22 20	25 27	3 22	25 39	2 15	7 59	2 21	21 21	1 39	19 13	0 46	13 53	2 30	21 19	0 32	20 51	0 35	16 57	6 30	11 34	10 57	27 58	5 30	5 28	
T 7	22 28	27 40	4 16	25 32	2 10	8 20	2 23	21 19	1 41	19 16	0 45	13 52	2 30	21 18	0 32	20 51	0 35	16 57	6 30	11 32	10 55	27 58	5 29	5 27	
F 8	22 35	27 48	4 52	25 24	2 5	8 41	2 25	21 17	1 43	19 18	0 45	13 51	2 30	21 17	0 32	20 51	0 35	16 57	6 30	11 29	10 54	27 57	5 29	5 27	
S 9	22 42	25 54	5 7	25 15	1 58	9 2	2 27	21 15	1 45	19 21	0 45	13 50	2 30	21 17	0 32	20 52	0 35	16 57	6 30	11 27	10 53	27 57	5 29	5 27	
S 10	22 48	22 14	5 2	25 5	1 51	9 23	2 29	21 13	1 47	19 24	0 45	13 49	2 29	21 16	0 32	20 52	0 35	16 57	6 30	11 25	10 52	27 57	5 29	5 26	
M11	22 54	17 20	4 37	24 53	1 42	9 44	2 30	21 11	1 49	19 27	0 45	13 48	2 29	21 16	0 32	20 52	0 35	16 57	6 30	11 23	10 51	27 57	5 29	5 26	
T 12	22 59	11 38	3 57	24 41	1 32	10 5	2 32	21 10	1 51	19 30	0 45	13 47	2 29	21 15	0 32	20 52	0 35	16 57	6 30	11 23	10 50	27 56	5 28	5 25	
W13	23 4	5 34	3 4	24 27	1 21	10 26	2 33	21 8	1 52	19 32	0 45	13 47	2 29	21 15	0 32	20 52	0 35	16 57	6 30	11 22	10 49	27 56	5 28	5 25	
T 14	23 8	0s34	2 3	24 13	1 9	10 47	2 35	21 6	1 54	19 35	0 45	13 46	2 29	21 14	0 32	20 53	0 35	16 57	6 30	11 23	10 47	27 56	5 28	5 25	
F 15	23 12	6 33	0 58	23 58	0 55	11 8	2 36	21 5	1 55	19 38	0 45	13 45	2 28	21 13	0 32	20 53	0 35	16 57	6 30	11 23	10 46	27 55	5 28	5 24	
S 16	23 16	12 8	0s 9	23 43	0 40	11 29	2 37	21 3	1 57	19 40	0 45	13 44	2 28	21 13	0 32	20 53	0 35	16 57	6 30	11 23	10 45	27 55	5 27	5 24	
S 17	23 19	17 10	1 15	23 27	0 24	11 50	2 37	21 2	1 58	19 43	0 45	13 44	2 28	21 12	0 32	20 53	0 35	16 57	6 30	11 23	10 44	27 55	5 27	5 24	
M18	23 21	21 26	2 15	23 10	0 7	12 11	2 38	21 1	2 0	19 46	0 45	13 43	2 28	21 12	0 32	20 54	0 35	16 57	6 30	11 22	10 43	27 55	5 26	5 23	
T 19	23 23	24 46	3 9	22 54	0n12	12 31	2 39	21 0	2 1	19 48	0 45	13 42	2 27	21 11	0 32	20 54	0 35	16 57	6 30	11 19	10 42	27 54	5 26	5 23	
W20	23 25	26 58	3 55	22 37	0 31	12 52	2 39	20 59	2 2	19 51	0 45	13 42	2 27	21 10	0 32	20 54	0 35	16 57	6 30	11 16	10 41	27 54	5 26	5 23	
T 21	23 26	27 56	4 29	22 21	0 51	13 12	2 39	20 58	2 3	19 53	0 45	13 41	2 27	21 10	0 32	20 54	0 35	16 57	6 30	11 12	10 40	27 54	5 25	5 22	
F 22	23 27	27 36	4 52	22 4	1 11	13 32	2 40	20 58	2 4	19 56	0 45	13 41	2 27	21 9	0 32	20 55	0 35	16 57	6 29	11 8	10 38	27 53	5 25	5 22	
S 23	23 27	26 0	5 2	21 48	1 30	13 52	2 40	20 57	2 5	19 58	0 45	13 40	2 26	21 8	0 32	20 55	0 35	16 57	6 29	11 4	10 37	27 53	5 24	5 22	
S 24	23 27	23 15	4 59	21 32	1 49	14 11	2 39	20 57	2 6	20 1	0 45	13 40	2 26	21 8	0 32	20 55	0 35	16 57	6 29	11 0	10 36	27 53	5 24	5 21	
M25	23 26	19 31	4 43	21 17	2 7	14 31	2 39	20 57	2 7	20 3	0 45	13 39	2 26	21 7	0 32	20 55	0 35	16 57	6 29	10 56	10 35	27 52	5 23	5 21	
T 26	23 25	14 57	4 15	21 3	2 23	14 50	2 39	20 57	2 8	20 6	0 45	13 39	2 26	21 6	0 32	20 56	0 35	16 57	6 29	10 53	10 34	27 52	5 23	5 21	
W27	23 23	9 45	3 34	20 50	2 37	15 9	2 38	20 57	2 9	20 8	0 45	13 38	2 25	21 6	0 32	20 56	0 35	16 57	6 29	10 52	10 33	27 51	5 22	5 20	
T 28	23 21	4 4	2 42	20 39	2 48	15 28	2 38	20 57	2 10	20 10	0 45	13 38	2 25	21 5	0 32	20 56	0 35	16 57	6 29	10 51	10 32	27 51	5 22	5 20	
F 29	23 19	1n55	1 42	20 29	2 58	15 46	2 37	20 58	2 10	20 13	0 45	13 38	2 25	21 4	0 32	20 56	0 35	16 57	6 29	10 51	10 30	27 51	5 21	5 20	
S 30	23 15	8 0	0 34	20 21	3 4	16 5	2 36	20 58	2 11	20 15	0 45	13 37	2 25	21 4	0 32	20 57	0 35	16 57	6 29	10 51	10 29	27 50	5 20	5 20	
S 31	23s12	13n56	0n38	20s16	3n 9	16s22	2n36	20n59	2n12	20s17	0n45	13n37	2s24	21s 3	0s32	20n57	0s35	16n57	6s29	10n51	10n28	27s50	5s20	5n19	