



# Astrodienst Ephemeris Tables for the year 1915

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 1915

## geocentric

JANUARY 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 38 15	9 <sup>23</sup> 29'39	3 <sup>56</sup> 36	6 <sup>34</sup> 45	0 <sup>07</sup> 29	7 <sup>28</sup> 27	22 <sup>22</sup> 22	27 <sup>05</sup> R59	9 <sup>55</sup> 52	29 <sup>09</sup> R36	1 <sup>05</sup> R 2	27 <sup>05</sup> R28	29 <sup>05</sup> 5	14 <sup>08</sup> 36	14 <sup>05</sup> 56	F 1
S 2	6 42 12	10 <sup>03</sup> 30'47	16° 7	8°21	0°58	8°13	22°35	27 <sup>11</sup> 54	9°55	29 <sup>09</sup> 34	1 <sup>05</sup> 1	27 <sup>05</sup> 20	29° 1	14°43	14°58	S 2
S 3	6 46 8	11°31'56	28°50	9°57	1°29	8°59	22°47	27°50	9°58	29°32	0°59	27°14	28°58	14°50	15° 0	S 3
M 4	6 50 5	12°33'04	11 <sup>02</sup> 43	11°33	2° 2	9°45	23° 0	27°45	10° 1	29°31	0°58	27°11	28°55	14°56	15° 2	M 4
T 5	6 54 1	13°34'13	24°47	13°10	2°36	10°30	23°13	27°40	10° 4	29°29	0°57	27°D 9	28°52	15° 3	15° 5	T 5
W 6	6 57 58	14°35'22	8 <sup>17</sup> 3	14°47	3°11	11°16	23°25	27°36	10° 7	29°28	0°56	27°10	28°49	15°10	15° 7	W 6
T 7	7 1 54	15°36'30	21°32	16°25	3°48	12° 2	23°38	27°31	10°11	29°26	0°55	27°11	28°46	15°17	15° 9	T 7
F 8	7 5 51	16°37'39	5 <sup>14</sup> 14	18° 3	4°26	12°48	23°51	27°26	10°14	29°24	0°54	27°13	28°42	15°23	15°11	F 8
S 9	7 9 47	17°38'48	19°10	19°42	5° 5	13°34	24° 4	27°22	10°17	29°23	0°52	27°R13	28°39	15°30	15°13	S 9
S 10	7 13 44	18°39'58	3 <sup>11</sup> 19	21°20	5°46	14°20	24°17	27°17	10°21	29°21	0°51	27°12	28°36	15°37	15°16	S 10
M 11	7 17 41	19°41'07	17°40	23° 0	6°28	15° 6	24°30	27°13	10°24	29°19	0°50	27° 9	28°33	15°43	15°18	M 11
T 12	7 21 37	20°42'16	2 <sup>07</sup> 11	24°39	7°11	15°52	24°43	27° 9	10°27	29°18	0°49	27° 5	28°30	15°50	15°21	T 12
W 13	7 25 34	21°43'25	16°45	26°20	7°55	16°39	24°57	27° 4	10°31	29°16	0°48	27° 0	28°27	15°57	15°23	W 13
T 14	7 29 30	22°44'35	1 <sup>03</sup> 17	28° 0	8°40	17°25	25°10	27° 0	10°34	29°14	0°47	26°54	28°23	16° 4	15°26	T 14
F 15	7 33 27	23°45'43	15°41	29°41	9°25	18°11	25°23	26°56	10°37	29°13	0°46	26°49	28°20	16°10	15°28	F 15
S 16	7 37 23	24°46'52	29°50	1 <sup>08</sup> 23	10°12	18°57	25°37	26°52	10°41	29°11	0°45	26°45	28°17	16°17	15°31	S 16
S 17	7 41 20	25°48'00	13 <sup>00</sup> 40	3° 4	11° 0	19°43	25°50	26°48	10°44	29° 9	0°43	26°43	28°14	16°24	15°33	S 17
M 18	7 45 16	26°49'07	27° 7	4°46	11°49	20°30	26° 3	26°44	10°48	29° 8	0°42	26°D42	28°11	16°30	15°36	M 18
T 19	7 49 13	27°50'13	10 <sup>00</sup> 11	6°28	12°38	21°16	26°17	26°40	10°51	29° 6	0°41	26°43	28° 7	16°37	15°39	T 19
W 20	7 53 10	28°51'19	22°53	8°11	13°29	22° 3	26°31	26°36	10°54	29° 4	0°40	26°44	28° 4	16°44	15°41	W 20
T 21	7 57 6	29°52'23	5 <sup>05</sup> 17	9°53	14°20	22°49	26°44	26°33	10°58	29° 3	0°39	26°46	28° 1	16°51	15°44	T 21
F 22	8 1 3	0 <sup>00</sup> 53'27	17°26	11°36	15°11	23°35	26°58	26°29	11° 1	29° 1	0°38	26°48	27°58	16°57	15°47	F 22
S 23	8 4 59	1°54'30	29°24	13°18	16° 4	24°22	27°12	26°25	11° 5	28°59	0°37	26°R48	27°55	17° 4	15°50	S 23
S 24	8 8 56	2°55'32	11 <sup>08</sup> 17	15° 0	16°57	25° 8	27°25	26°22	11° 8	28°57	0°36	26°48	27°52	17°11	15°53	S 24
M 25	8 12 52	3°56'32	23° 9	16°42	17°51	25°55	27°39	26°18	11°12	28°56	0°35	26°46	27°48	17°17	15°56	M 25
T 26	8 16 49	4°57'32	5 <sup>11</sup> 5	18°23	18°45	26°41	27°53	26°15	11°15	28°54	0°34	26°44	27°45	17°24	15°59	T 26
W 27	8 20 45	5°58'31	17°10	20° 3	19°40	27°28	28° 7	26°12	11°19	28°52	0°33	26°41	27°42	17°31	16° 2	W 27
T 28	8 24 42	6°59'29	29°25	21°41	20°36	28°15	28°21	26° 9	11°22	28°51	0°32	26°38	27°39	17°38	16° 5	T 28
F 29	8 28 39	8° 0'25	11 <sup>05</sup> 55	23°19	21°32	29° 1	28°35	26° 6	11°26	28°49	0°31	26°35	27°36	17°44	16° 8	F 29
S 30	8 32 35	9° 1'21	24°39	24°54	22°29	29°48	28°49	26° 3	11°29	28°47	0°30	26°32	27°33	17°51	16°11	S 30
S 31	8 36 32	10 <sup>00</sup> 2'15	7 <sup>02</sup> 40	26 <sup>00</sup> 27	23 <sup>07</sup> 26	0 <sup>00</sup> 35	29 <sup>00</sup> 3	26 <sup>11</sup> 0	11 <sup>00</sup> 33	28 <sup>05</sup> 46	0 <sup>00</sup> 30	26 <sup>00</sup> 30	27 <sup>00</sup> 29	17 <sup>05</sup> 58	16 <sup>00</sup> 14	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	23s 7	27n32	4n 8	24s50	1s33	16s 7	4n14	24s 3	0s48	14s54	0s53	22n19	1s 7	18s24	0s38	F 1
S 2	23 2	25 50	3 23	24 49	1 37	16 10	4 17	24 1	0 49	14 50	0 53	22 19	1 7	18 23	0 38	S 2
S 3	22 57	22 48	2 27	24 46	1 42	16 14	4 20	23 58	0 49	14 46	0 53	22 19	1 7	18 22	0 38	S 3
M 4	22 52	18 36	1 23	24 42	1 45	16 18	4 22	23 55	0 50	14 42	0 53	22 19	1 7	18 21	0 38	M 4
T 5	22 46	13 28	0 13	24 36	1 49	16 22	4 24	23 52	0 50	14 38	0 53	22 19	1 7	18 20	0 38	T 5
W 6	22 39	7 39	0s59	24 29	1 52	16 27	4 26	23 49	0 51	14 33	0 53	22 19	1 7	18 19	0 38	W 6
T 7	22 32	1 24	2 8	24 21	1 55	16 33	4 27	23 45	0 51	14 29	0 53	22 19	1 7	18 18	0 38	T 7
F 8	22 25	5s 1	3 12	24 11	1 58	16 38	4 29	23 41	0 51	14 25	0 53	22 19	1 6	18 17	0 38	F 8
S 9	22 17	11 17	4 5	23 59	2 0	16 44	4 29	23 37	0 52	14 21	0 53	22 19	1 6	18 16	0 38	S 9
S 10	22 9	17 4	4 44	23 46	2 2	16 51	4 30	23 33	0 52	14 16	0 53	22 19	1 6	18 16	0 38	S 10
M 11	22 0	22 0	5 6	23 31	2 4	16 57	4 30	23 28	0 53	14 12	0 53	22 19	1 6	18 15	0 37	M 11
T 12	21 51	25 39	5 9	23 15	2 5	17 4	4 30	23 23	0 53	14 7	0 53	22 19	1 6	18 14	0 37	T 12
W 13	21 42	27 38	4 52	22 57	2 6	17 11	4 30	23 18	0 53	14 3	0 53	22 20	1 6	18 13	0 37	W 13
T 14	21 32	27 44	4 17	22 38	2 6	17 19	4 30	23 13	0 54	13 58	0 53	22 20	1 6	18 12	0 37	T 14
F 15	21 22	25 55	3 25	22 17	2 6	17 26	4 29	23 7	0 54	13 54	0 53	22 20	1 5	18 11	0 37	F 15
S 16	21 11	22 30	2 21	21 55	2 6	17 34	4 29	23 1	0 55	13 49	0 53	22 20	1 5	18 10	0 37	S 16
S 17	21 0	17 52	1 11	21 30	2 5	17 41	4 28	22 55	0 55	13 45	0 53	22 20	1 5	18 9	0 37	S 17
M 18	20 48	12 27	0n 2	21 5	2 4	17 49	4 26	22 48	0 55	13 40	0 53	22 20	1 5	18 8	0 37	M 18
T 19	20 36	6 37	1 13	20 38	2 2	17 57	4 25	22 41	0 56	13 36	0 53	22 20	1 5	18 7	0 37	T 19
W 20	20 24	0 42	2 19	20 9	1 59	18 4	4 23	22 34	0 56	13 31	0 53	22 20	1 5	18 6	0 37	W 20
T 21	20 11	5n 6	3 16	19 39	1 56	18 12	4 22	22 27	0 57	13 26	0 53	22 20	1 4	18 5	0 37	T 21
F 22	19 58	10 35	4 3	19 7	1 52	18 19	4 20	22 19	0 57	13 22	0 53	22 20	1 4	18 4	0 37	F 22
S 23	19 45	15 37	4 39	18 34	1 48	18 27	4 18	22 12	0 57	13 17	0 53	22 20	1 4	18 3	0 37	S 23
S 24	19 31	20 1	5 3	17 59	1 43	18 34	4 16	22 4	0 58	13 12	0 53	22 20	1 4	18 3	0 37	S 24
M 25	19 17	23 37	5 14	17 24	1 38	18 42	4 13	21 55	0 58	13 7	0 53	22 20	1 4	18 2	0 37	M 25
T 26	19 2	26 15	5 11	16 47	1 31	18 49	4 11	21 47	0 58	13 3	0 53	22 20	1 4	18 1	0 37	T 26
W 27	18 47	27 43	4 55	16 8	1 24	18 56	4 8	21 38	0 59	12 58	0 53	22 21	1 3	18 0	0 37	W 27
T 28	18 32	27 52	4 25	15 29	1 17	19 3	4 5	21 29	0 59	12 53	0 53	22 21	1 3	17 59	0 37	T 28
F 29	18 17	26 36	3 42	14 50	1 8	19 9	4 2	21 20	0 59	12 48	0 53	22 21	1 3	17 58	0 37	F 29
S 30	18 1	23 56	2 47	14 9	0 59	19 16	3 59	21 10	1 0	12 43	0 53	22 21	1 3	17 57	0 37	S 30
S 31	17s44	20n 0	1n42	13s28	0s48	19s22	3n56	21s 1	1s 0	12s38	0s53	22n21	1s 3	17s56	0s37	S 31

Julian Day Number = 2420498.5, Delta T = 17.47 sec  
 Ecliptic obliquity = 23°27'08, Nutation = 0°00'09, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°33'11, Lahiri = 22°40'12

# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

FEBRUARY 1915

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	17s28	15n 1	0n31	12s47	0s37	19s28	3n53	20s51	1s 0	12s33	0s53	22n21	1s 2	17s55	0s37	M 1
T 2	17 11	9 13	0s44	12 6	0 26	19 33	3 49	20 41	1 0	12 29	0 53	22 21	1 2	17 54	0 37	T 2
W 3	16 54	2 54	1 57	11 25	0 13	19 38	3 46	20 30	1 1	12 24	0 53	22 21	1 2	17 53	0 37	W 3
T 4	16 37	3s37	3 4	10 45	0n 0	19 43	3 42	20 20	1 1	12 19	0 53	22 21	1 2	17 52	0 37	T 4
F 5	16 19	10 0	4 1	10 6	0 14	19 48	3 39	20 9	1 1	12 14	0 53	22 21	1 2	17 51	0 37	F 5
S 6	16 1	15 56	4 44	9 28	0 29	19 52	3 35	19 58	1 2	12 9	0 53	22 22	1 1	17 50	0 37	S 6
S 7	15 42	21 3	5 9	8 52	0 45	19 56	3 31	19 46	1 2	12 4	0 53	22 22	1 1	17 49	0 38	S 7
M 8	15 24	24 58	5 16	8 19	1 0	20 0	3 27	19 35	1 2	11 59	0 53	22 22	1 1	17 48	0 38	M 8
T 9	15 5	27 21	5 4	7 48	1 17	20 3	3 23	19 23	1 2	11 53	0 53	22 22	1 1	17 47	0 38	T 9
W 10	14 46	27 58	4 34	7 20	1 33	20 6	3 19	19 11	1 3	11 48	0 53	22 22	1 1	17 46	0 38	W 10
T 11	14 27	26 47	3 47	6 56	1 50	20 8	3 15	18 59	1 3	11 43	0 53	22 22	1 0	17 45	0 38	T 11
F 12	14 7	23 56	2 47	6 36	2 6	20 10	3 11	18 47	1 3	11 38	0 53	22 22	1 0	17 44	0 38	F 12
S 13	13 47	19 45	1 38	6 20	2 22	20 11	3 6	18 34	1 3	11 33	0 53	22 23	1 0	17 43	0 38	S 13
S 14	13 27	14 37	0 25	6 9	2 37	20 12	3 2	18 21	1 4	11 28	0 53	22 23	1 0	17 42	0 38	S 14
M 15	13 7	8 55	0n47	6 3	2 51	20 13	2 58	18 8	1 4	11 23	0 53	22 23	1 0	17 41	0 38	M 15
T 16	12 47	2 57	1 56	6 1	3 4	20 13	2 53	17 55	1 4	11 18	0 54	22 23	1 0	17 40	0 38	T 16
W 17	12 26	2n59	2 58	6 4	3 16	20 13	2 49	17 42	1 4	11 12	0 54	22 23	0 59	17 39	0 38	W 17
T 18	12 5	8 41	3 50	6 12	3 26	20 12	2 44	17 28	1 4	11 7	0 54	22 23	0 59	17 38	0 38	T 18
F 19	11 44	13 57	4 31	6 24	3 34	20 11	2 40	17 15	1 5	11 2	0 54	22 24	0 59	17 37	0 38	F 19
S 20	11 23	18 37	4 59	6 40	3 39	20 9	2 35	17 1	1 5	10 57	0 54	22 24	0 59	17 37	0 38	S 20
S 21	11 1	22 32	5 14	6 59	3 43	20 7	2 31	16 47	1 5	10 52	0 54	22 24	0 59	17 36	0 38	S 21
M 22	10 40	25 30	5 16	7 21	3 44	20 4	2 26	16 33	1 5	10 46	0 54	22 24	0 58	17 35	0 38	M 22
T 23	10 18	27 23	5 4	7 46	3 43	20 0	2 21	16 18	1 5	10 41	0 54	22 24	0 58	17 34	0 38	T 23
W 24	9 56	28 0	4 39	8 11	3 40	19 57	2 17	16 4	1 5	10 36	0 54	22 24	0 58	17 33	0 38	W 24
T 25	9 34	27 15	4 0	8 38	3 34	19 52	2 12	15 49	1 6	10 31	0 54	22 25	0 58	17 32	0 38	T 25
F 26	9 12	25 8	3 10	9 5	3 27	19 47	2 7	15 34	1 6	10 25	0 54	22 25	0 58	17 31	0 38	F 26
S 27	8 50	21 40	2 9	9 32	3 18	19 42	2 3	15 19	1 6	10 20	0 54	22 25	0 57	17 30	0 38	S 27
S 28	8s27	17n 2	0n59	9s58	3n 8	19s36	1n58	15s 4	1s 6	10s15	0s54	22n25	0s57	17s29	0s38	S 28

Julian Day Number = 2420529.5, Delta T = 17.56 sec

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

Ayanamsha: Fagan/Bradley = 23°33'16", Lahiri = 22°40'16"

## ASTRODIENST EPHEMERIS for the year 1915

geocentric

MARCH 1915

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 30 52	9°18'48"	29°24'	25°R 7	23°38'48"	23°17'	5°59'	25°22'	13°12'	28°R 3	0°R11	26°R33	25°57'	21°13'	17°54'	M 1
T 2	10 34 48	10°20'00"	13°18'	24°32'	24°55'	24° 4	6°14'	25°23'	13°15'	28°2	0°11	26°33'	25°54'	21°20'	17°58'	T 2
W 3	10 38 45	11°20'09"	27°28'	24° 3	26° 1	24°52'	6°28'	25°23'	13°18'	28° 1	0°11	26°31'	25°51'	21°26'	18° 1	W 3
T 4	10 42 41	12°20'17"	11°51'	23°41'	27° 8	25°39'	6°43'	25°24'	13°21'	28° 0	0°10	26°30'	25°48'	21°33'	18° 5	T 4
F 5	10 46 38	13°20'23"	26°19'	23°26'	28°15'	26°26'	6°57'	25°25'	13°24'	27°59'	0°10	26°27'	25°45'	21°40'	18° 9	F 5
S 6	10 50 35	14°20'27"	10°49'	23°18'	29°23'	27°13'	7°12'	25°25'	13°28'	27°58'	0°10	26°25'	25°41'	21°46'	18°12'	S 6
S 7	10 54 31	15°20'30"	25°14'	23°D16	0°30'	28° 0	7°26'	25°26'	13°31'	27°57'	0°10	26°23'	25°38'	21°53'	18°16'	S 7
M 8	10 58 28	16°20'32"	9°31'	23°21'	1°38'	28°47'	7°40'	25°27'	13°34'	27°56'	0°10	26°23'	25°35'	22° 0	18°20'	M 8
T 9	11 2 24	17°20'32"	23°37'	23°32'	2°46'	29°35'	7°55'	25°29'	13°37'	27°55'	0° 9	26°D22	25°32'	22° 7	18°23'	T 9
W10	11 6 21	18°20'30"	7°31'	23°48'	3°54'	0°22'	8° 9	25°30'	13°40'	27°54'	0° 9	26°D23	25°29'	22°13'	18°27'	W10
T11	11 10 17	19°20'27"	21°11'	24°10'	5° 2	1° 9	8°24'	25°31'	13°43'	27°53'	0° 9	26°25'	25°25'	22°20'	18°31'	T11
F12	11 14 14	20°20'22"	4°39'	24°37'	6°10'	1°56'	8°38'	25°33'	13°46'	27°52'	0° 9	26°26'	25°22'	22°27'	18°34'	F12
S13	11 18 10	21°20'15"	17°54'	25° 8	7°18'	2°43'	8°52'	25°34'	13°49'	27°51'	0° 9	26°27'	25°19'	22°33'	18°38'	S13
S14	11 22 7	22°20'06"	0°56'	25°44'	8°27'	3°30'	9° 7	25°36'	13°52'	27°50'	0° 9	26°R28	25°16'	22°40'	18°42'	S14
M15	11 26 4	23°19'55"	13°46'	26°24'	9°35'	4°18'	9°21'	25°38'	13°55'	27°49'	0° 9	26°26'	25°13'	22°47'	18°45'	M15
T16	11 30 0	24°19'43"	26°24'	27° 8	10°44'	5° 5	9°35'	25°40'	13°58'	27°48'	0°D 9	26°24'	25°10'	22°54'	18°49'	T16
W17	11 33 57	25°19'28"	8°50'	27°55'	11°53'	5°52'	9°49'	25°42'	14° 0	27°48'	0° 9	26°20'	25° 6	23° 0	18°53'	W17
T18	11 37 53	26°19'12"	21° 6	28°46'	13° 1	6°39'	10° 3	25°44'	14° 3	27°47'	0° 9	26°15'	25° 3	23° 7	18°56'	T18
F19	11 41 50	27°18'53"	3°12'	29°40'	14°10'	7°26'	10°18'	25°46'	14° 6	27°46'	0° 9	26° 9	25° 0	23°14'	19° 0	F19
S20	11 45 46	28°18'32"	15°10'	0°36'	15°20'	8°13'	10°32'	25°49'	14° 9	27°46'	0° 9	26° 4	24°57'	23°21'	19° 4	S20
S21	11 49 43	29°18'09"	27° 3	1°36'	16°29'	9° 0	10°46'	25°51'	14°11'	27°45'	0° 9	25°59'	24°54'	23°27'	19° 7	S21
M22	11 53 39	0°17'44"	8°55'	2°38'	17°38'	9°48'	11° 0	25°54'	14°14'	27°44'	0° 9	25°55'	24°50'	23°34'	19°11'	M22
T23	11 57 36	1°17'17"	20°49'	3°43'	18°47'	10°35'	11°14'	25°56'	14°17'	27°44'	0°10	25°53'	24°47'	23°41'	19°15'	T23
W24	12 1 33	2°16'47"	2°50'	4°50'	19°57'	11°22'	11°28'	25°59'	14°19'	27°43'	0°10	25°D52	24°44'	23°47'	19°18'	W24
T25	12 5 29	3°16'15"	5° 3	6° 0	21° 6	12° 9	11°42'	26° 2	14°22'	27°43'	0°10	25°53'	24°41'	23°54'	19°22'	T25
F26	12 9 26	4°15'41"	27°33'	7°11'	22°16'	12°56'	11°56'	26° 5	14°25'	27°42'	0°10	25°54'	24°38'	24° 1	19°25'	F26
S27	12 13 22	5°15'04"	10°24'	8°25'	23°26'	13°43'	12°10'	26° 8	14°27'	27°42'	0°11	25°56'	24°35'	24° 8	19°29'	S27
S28	12 17 19	6°14'25"	23°39'	9°41'	24°35'	14°30'	12°24'	26°11'	14°30'	27°41'	0°11	25°R57	24°31'	24°14'	19°32'	S28
M29	12 21 15	7°13'44"	7°12'	10°58'	25°45'	15°17'	12°38'	26°14'	14°32'	27°41'	0°11	25°56'	24°28'	24°21'	19°36'	M29
T30	12 25 12	8°13'00"	21°29'	12°18'	26°55'	16° 4	12°51'	26°18'	14°34'	27°41'	0°11	25°54'	24°25'	24°28'	19°40'	T30
W31	12 29 8	9°12'14"	5°59'	13°39'	28°55'	16°51'	13°5	26°22'	14°37'	27°40'	0°12	25°59'	24°22'	24°34'	19°43'	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	8s 5	11n27	0s16	10s23	2n57	19s30	1n53	14s48	1s 6	10s10	0s54	22n25	0s57	17s28	0s38	20n12
T 2	7 42	5 10	1 31	10 46	2 44	19 23	1 48	14 33	1 6	10 4	0 54	22 26	0 57	17 27	0 38	20 13
W 3	7 19	1s29	2 43	11 8	2 31	19 15	1 44	14 17	1 6	9 59	0 54	22 26	0 57	17 26	0 38	20 13
T 4	6 56	8 8	3 45	11 28	2 18	19 7	1 39	14 1	1 7	9 54	0 54	22 26	0 56	17 26	0 38	20 13
F 5	6 33	14 24	4 33	11 46	2 4	18 59	1 34	13 45	1 7	9 48	0 54	22 26	0 56	17 25	0 38	20 13
S 6	6 10	19 53	5 4	12 2	1 50	18 50	1 30	13 29	1 7	9 43	0 55	22 27	0 56	17 24	0 38	20 13
S 7	5 47	24 11	5 15	12 15	1 36	18 40	1 25	13 13	1 7	9 38	0 55	22 27	0 56	17 23	0 38	20 14
M 8	5 24	26 57	5 7	12 27	1 22	18 30	1 20	12 57	1 7	9 32	0 55	22 27	0 56	17 22	0 38	20 14
T 9	5 0	27 58	4 40	12 36	1 8	18 20	1 16	12 40	1 7	9 27	0 55	22 27	0 55	17 21	0 38	20 14
W10	4 37	27 12	3 58	12 44	0 55	18 9	1 11	12 24	1 7	9 22	0 55	22 27	0 55	17 20	0 38	20 14
T11	4 13	24 47	3 2	12 49	0 42	17 57	1 6	12 7	1 7	9 17	0 55	22 28	0 55	17 19	0 38	20 15
F12	3 50	21 0	1 57	12 53	0 29	17 45	1 2	11 50	1 7	9 11	0 55	22 28	0 55	17 19	0 38	20 15
S13	3 26	16 13	0 47	12 54	0 16	17 32	0 57	11 33	1 7	9 6	0 55	22 28	0 55	17 18	0 38	20 15
S14	3 3	10 46	0n25	12 53	0 4	17 19	0 53	11 16	1 7	9 1	0 55	22 28	0 54	17 17	0 38	20 15
M15	2 39	4 57	1 34	12 51	0s 8	17 5	0 48	10 59	1 7	8 55	0 55	22 29	0 54	17 16	0 38	20 15
T16	2 15	0n58	2 37	12 47	0 19	16 51	0 44	10 42	1 7	8 50	0 55	22 29	0 54	17 15	0 38	20 15
W17	1 52	6 44	3 31	12 40	0 30	16 37	0 39	10 24	1 7	8 45	0 55	22 29	0 54	17 15	0 38	20 16
T18	1 28	12 11	4 15	12 33	0 40	16 22	0 35	10 7	1 7	8 40	0 56	22 29	0 54	17 14	0 38	20 16
F19	1 4	17 5	4 47	12 23	0 50	16 6	0 30	9 49	1 7	8 34	0 56	22 30	0 53	17 13	0 38	20 16
S20	0 40	21 16	5 6	12 12	1 0	15 50	0 26	9 32	1 7	8 29	0 56	22 30	0 53	17 12	0 38	20 16
S21	0 17	24 33	5 11	11 59	1 9	15 34	0 22	9 14	1 7	8 24	0 56	22 30	0 53	17 11	0 38	20 16
M22	0n 7	26 48	5 3	11 45	1 17	15 17	0 18	8 56	1 7	8 18	0 56	22 31	0 53	17 11	0 38	20 16
T23	0 31	27 50	4 43	11 29	1 25	14 59	0 13	8 38	1 7	8 13	0 56	22 31	0 53	17 10	0 38	20 17
W24	0 54	27 34	4 9	11 11	1 33	14 42	0 9	8 20	1 7	8 8	0 56	22 31	0 52	17 9	0 38	20 17
T25	1 18	25 59	3 24	10 52	1 40	14 23	0 5	8 2	1 7	8 3	0 56	22 31	0 52	17 8	0 38	20 17
F26	1 42	23 5	2 28	10 32	1 47	14 5	0 1	7 44	1 7	7 57	0 56	22 32	0 52	17 8	0 38	20 17
S27	2 5	18 59	1 23	10 10	1 53	13 46	0s 3	7 26	1 7	7 52	0 56	22 32	0 52	17 7	0 38	20 17
S28	2 29	13 50	0 12	9 46	1 59	13 26	0 7	7 8	1 7	7 47	0 57	22 32	0 52	17 6	0 38	20 17
M29	2 52	7 52	1s 1	9 22	2 4	13 6	0 11	6 50	1 7	7 42	0 57	22 32	0 52	17 6	0 38	20 17
T30	3 16	1 20	2 14	8 56	2 8	12 46	0 14	6 31	1 7	7 37	0 57	22 33	0 51	17 5	0 38	20 17
W31	3n39	5s26	3s19	8s28	2s13	12s26	0s18	6s13	1s 7	7s32	0s57	22n33	0s51	17s 4	0s39	20n17

Julian Day Number = 2420557.5, Delta T = 17.65 sec

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

Ayanamsha: Fagan/Bradley = 23°33'19", Lahiri = 22°40'20"

ASTRODIENST EPHEMERIS for the year 1915  
geocentric

APRIL 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 33 5	10°11'27	20°47	15°12	29°15	17°38	13°19	26°25	14°39	27°40	0°12	25°43	24°19	24°41	19°47	T 1
F 2	12 37 2	11°10'37	5°44	16°26	0°25	18°25	13°32	26°29	14°41	27°40	0°13	25°36	24°16	24°48	19°50	F 2
S 3	12 40 58	12° 9'45	20°40	17°52	1°36	19°12	13°46	26°32	14°44	27°40	0°13	25°29	24°12	24°55	19°53	S 3
S 4	12 44 55	13° 8'52	5°29	19°20	2°46	19°59	14° 0	26°36	14°46	27°39	0°13	25°23	24° 9	25° 1	19°57	S 4
M 5	12 48 51	14° 7'57	20° 1	20°50	3°56	20°46	14°13	26°40	14°48	27°39	0°14	25°19	24° 6	25° 8	20° 0	M 5
T 6	12 52 48	15° 7'00	4°15	22°21	5° 7	21°32	14°27	26°44	14°50	27°39	0°14	25°17	24° 3	25°15	20° 4	T 6
W 7	12 56 44	16° 6'02	18° 7	23°53	6°17	22°19	14°40	26°48	14°52	27°39	0°15	25°D16	24° 0	25°22	20° 7	W 7
T 8	13 0 41	17° 5'01	1°39	25°27	7°28	23° 6	14°53	26°52	14°54	27°39	0°15	25°17	23°56	25°28	20°11	T 8
F 9	13 4 37	18° 3'59	14°51	27° 3	8°38	23°53	15° 7	26°57	14°56	27°D39	0°16	25°18	23°53	25°35	20°14	F 9
S 10	13 8 34	19° 2'55	27°48	28°40	9°49	24°40	15°20	27° 1	14°58	27°39	0°16	25°R18	23°50	25°42	20°17	S 10
S 11	13 12 31	20° 1'49	10°30	0°19	11° 0	25°26	15°33	27° 6	15° 0	27°39	0°17	25°17	23°47	25°48	20°21	S 11
M12	13 16 27	21° 0'42	23° 1	2° 0	12°11	26°13	15°46	27°10	15° 2	27°39	0°18	25°13	23°44	25°55	20°24	M12
T 13	13 20 24	21°59'32	5°23	3°41	13°21	27° 0	15°59	27°15	15° 4	27°39	0°18	25° 7	23°41	26° 2	20°27	T 13
W14	13 24 20	22°58'21	17°35	5°25	14°32	27°47	16°12	27°19	15° 6	27°39	0°19	24°59	23°37	26° 9	20°30	W14
T 15	13 28 17	23°57'07	29°41	7°10	15°43	28°33	16°25	27°24	15° 8	27°40	0°20	24°48	23°34	26°15	20°34	T 15
F 16	13 32 13	24°55'52	11°41	8°56	16°54	29°20	16°38	27°29	15° 9	27°40	0°20	24°37	23°31	26°22	20°37	F 16
S 17	13 36 10	25°54'35	23°36	10°44	18° 5	0°19	16°51	27°34	15°11	27°40	0°21	24°25	23°28	26°29	20°40	S 17
S 18	13 40 6	26°53'15	5°27	12°34	19°16	0°53	17° 4	27°39	15°13	27°40	0°22	24°14	23°25	26°36	20°43	S 18
M19	13 44 3	27°51'54	17°19	14°25	20°27	1°40	17°16	27°44	15°14	27°41	0°22	24° 5	23°22	26°42	20°46	M19
T 20	13 47 59	28°50'30	29°12	16°18	21°38	2°26	17°29	27°49	15°16	27°41	0°23	23°59	23°18	26°49	20°49	T 20
W21	13 51 56	29°49'04	11°12	18°13	22°50	3°12	17°42	27°55	15°17	27°41	0°24	23°55	23°15	26°56	20°52	W21
T 22	13 55 53	0°47'36	23°22	20° 9	24° 1	3°59	17°54	28° 0	15°19	27°42	0°25	23°53	23°12	27° 2	20°55	T 22
F 23	13 59 49	1°46'06	5°47	22° 6	25°12	4°45	18° 6	28° 5	15°20	27°42	0°26	23°D53	23° 9	27° 9	20°58	F 23
S 24	14 3 46	2°44'34	18°33	24° 6	26°23	5°32	18°19	28°11	15°22	27°43	0°26	23°R53	23° 6	27°16	21° 1	S 24
S 25	14 7 42	3°42'59	1°44	26° 6	27°35	6°18	18°31	28°17	15°23	27°43	0°27	23°53	23° 2	27°23	21° 4	S 25
M26	14 11 39	4°41'23	15°23	28° 8	28°46	7° 4	18°43	28°22	15°24	27°44	0°28	23°51	22°59	27°29	21° 7	M26
T 27	14 15 35	5°39'44	29°32	0°12	29°57	7°51	18°55	28°28	15°25	27°44	0°29	23°47	22°56	27°36	21°10	T 27
W28	14 19 32	6°38'03	14°8	2°17	1°19	8°37	19° 7	28°34	15°27	27°45	0°30	23°41	22°53	27°43	21°13	W28
T 29	14 23 28	7°36'20	29° 7	4°23	2°20	9°23	19°19	28°39	15°28	27°46	0°31	23°32	22°50	27°49	21°15	T 29
F 30	14 27 25	8°34'36	14°20	6°30	3°32	10°19	19°31	28°45	15°29	27°46	0°32	23°22	22°47	27°56	21°18	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
T 1	4n 2	12s 1	4s13	8s 0	2s16	12s 5	0s22	5s55	1s 7	7s26	0s57	22n33	0s51	17s 4	0s39	20n18	0s21	18n 7	5s20	12s57	13s26	23n56	0s10	4n13	
F 2	4 25	17 59	4 50	7 30	2 20	11 43	0 25	5 36	1 6	7 21	0 57	22 34	0 51	17 3	0 39	20 18	0 21	18 7	5 20	13 0	13 27	23 58	0 9	4 13	
S 3	4 49	22 51	5 7	6 59	2 22	11 22	0 29	5 18	1 6	7 16	0 57	22 34	0 51	17 2	0 39	20 18	0 21	18 7	5 20	13 2	13 28	24 0	0 8	4 13	
S 4	5 12	26 12	5 3	6 26	2 25	11 0	0 32	4 59	1 6	7 11	0 57	22 34	0 50	17 2	0 39	20 18	0 21	18 8	5 20	13 4	13 29	24 1	0 6	4 13	
M 5	5 35	27 44	4 40	5 53	2 26	10 38	0 36	4 41	1 6	7 6	0 58	22 34	0 50	17 1	0 39	20 18	0 21	18 8	5 19	13 5	13 30	24 3	0 5	4 13	
T 6	5 57	27 23	4 0	5 18	2 28	10 15	0 39	4 22	1 6	7 1	0 58	22 35	0 50	17 1	0 39	20 18	0 21	18 8	5 19	13 6	13 31	24 5	0 3	4 13	
W 7	6 20	25 18	3 6	4 42	2 28	9 52	0 42	4 3	1 6	6 56	0 58	22 35	0 50	17 0	0 39	20 18	0 21	18 8	5 19	13 6	13 32	24 6	0 2	4 13	
T 8	6 43	21 49	2 4	4 5	2 29	9 29	0 46	3 45	1 6	6 51	0 58	22 35	0 50	16 59	0 39	20 18	0 21	18 8	5 19	13 6	13 33	24 8	0 1	4 13	
F 9	7 5	17 17	0 56	3 27	2 29	9 5	0 49	3 26	1 5	6 46	0 58	22 35	0 50	16 59	0 39	20 18	0 21	18 8	5 19	13 6	13 34	24 9	0n 1	4 13	
S 10	7 28	12 2	0n13	2 47	2 28	8 41	0 52	3 7	1 5	6 41	0 58	22 36	0 49	16 58	0 39	20 18	0 21	18 9	5 19	13 6	13 35	24 11	0 2	4 13	
S 11	7 50	6 23	1 21	2 7	2 27	8 17	0 55	2 49	1 5	6 36	0 58	22 36	0 49	16 58	0 39	20 18	0 21	18 9	5 18	13 6	13 36	24 13	0 3	4 13	
M12	8 12	0 35	2 23	1 25	2 25	7 53	0 58	2 30	1 5	6 31	0 58	22 36	0 49	16 57	0 39	20 18	0 21	18 9	5 18	13 7	13 37	24 14	0 5	4 13	
T 13	8 34	5n 9	3 17	0 43	2 23	7 29	1 0	2 11	1 5	6 26	0 59	22 37	0 49	16 57	0 39	20 18	0 21	18 9	5 18	13 9	13 38	24 16	0 6	4 14	
W14	8 56	10 38	4 2	0n 1	2 20	7 4	1 3	1 52	1 5	6 21	0 59	22 37	0 49	16 56	0 39	20 18	0 21	18 9	5 18	13 12	13 39	24 17	0 7	4 14	
T 15	9 18	15 39	4 35	0 45	2 17	6 39	1 6	1 34	1 4	6 16	0 59	22 37	0 49	16 56	0 39	20 18	0 21	18 9	5 18	13 16	13 40	24 19	0 9	4 14	
F 16	9 39	20 1	4 55	1 30	2 13	6 13	1 8	1 15	1 4	6 11	0 59	22 37	0 48	16 55	0 39	20 18	0 21	18 10	5 18	13 20	13 41	24 21	0 10	4 14	
S 17	10 1	23 34	5 3	2 17	2 9	5 48	1 11	0 56	1 4	6 6	0 59	22 38	0 48	16 55	0 39	20 18	0 21	18 10	5 17	13 23	13 42	24 22	0 11	4 14	
S 18	10 22	26 6	4 57	3 4	2 4	5 22	1 13	0 37	1 4	6 1	0 59	22 38	0 48	16 54	0 39	20 18	0 21	18 10	5 17	13 27	13 43	24 24	0 13	4 14	
M19	10 43	27 28	4 39	3 52	1 59	4 57	1 16	0 19	1 3	5 57	1 0	22 38	0 48	16 54	0 39	20 18	0 21	18 10	5 17	13 30	13 44	24 25	0 14	4 14	
T 20	11 4	27 35	4 8	4 41	1 53	4 31	1 18	0n 0	1 3	5 52	1 0	22 38	0 48	16 53	0 39	20 18	0 21	18 10	5 17	13 32	13 45	24 27	0 15	4 14	
W21	11 25	26 25	3 26	5 30	1 47	4 4	1 20	0 19	1 3	5 47	1 0	22 39	0 48	16 53	0 39	20 18	0 21	18 10	5 17	13 33	13 47	24 28	0 16	4 14	
T 22	11 45	23 58	2 35	6 20	1 40	3 38	1 22	0 38	1 3	5 42	1 0	22 39	0 47	16 53	0 39	20 18	0 21	18 10	5 17	13 34	13 48	24 30	0 18	4 14	
F 23	12 6	20 22	1 35	7 11	1 33	3 12	1 24	0 56	1 2	5 38	1 0	22 39	0 47	16 52	0 39	20 18	0 21	18 11	5 16	13 34	13 49	24 31	0 19	4 14	
S 24	12 26	15 43	0 28	8 2	1 25	2 45	1 26	1 15	1 2	5 33	1 0	22 39	0 47	16 52	0 39	20 18	0 21	18 11	5 16	13 34	13 50	24 33	0 20	4 14	
S 25	12 46	10 13	0s42	8 53	1 17	2 19	1 28	1 33	1 2	5 28	1 1	22 39	0 47	16 52	0 39	20 17	0 21	18 11	5 16	13 34	13 51	24 35	0 21	4 14	
M26	13 5	4 3	1 51	9 45	1 8	1 52	1 30	1 52	1 2	5 24	1 1	22 40	0 47	16 51	0 39	20 17	0 21	18 11	5 16	13 35	13 52	24 36	0 23	4 15	
T 27	13 25	2s31	2 57	10 37	1 0	1 25	1 31	2 10	1 1	5 19	1 1	22 40	0 47	16 51	0 39	20 17	0 21	18 11	5 16	13 36	13 53	24 38	0 24	4 15	
W28	13 44	9 9	3 53	11 29	0 50	0 58	1 33	2 29	1 1	5 15	1 1	22 40	0 47	16 51	0 39	20 17	0 21	18 11	5 16	13 38	13 54	24 39	0 25	4 15	
T 29	14 3	15 26	4 34	12 21	0 41	0 31	1 34	2 47	1 1	5 10	1 1	22 40	0 46	16 50	0 39	20 17	0 21	18 12	5 16	13 41	13 55	24 41	0 26	4 15	
F 30	14n22	20s53	4s57	13n13	0s31	0s 4	1s36	3n 6	1s 0	5s 6	1s 1	22n41	0s46	16s50	0s40	20n17	0s21	18n12	5s15	13s44	13s56	24n42	0m27	4n15	

# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

MAY 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 31 22	9♂32'49	29♂37	8♂38	4♀43	10♀55	19♂43	28♂51	15♂30	27♂47	0♂33	23°R11	22♂43	28♂ 3	21♂21	S 1
S 2	14 35 18	10°31'02	14♂45	10°47	5°55	11°41	19°54	28°57	15°31	27°48	0°34	23♂ 2	22°40	28°10	21°24	S 2
M 3	14 39 15	11°29'12	29°36	12°57	7° 6	12°27	20° 6	29° 3	15°32	27°48	0°35	22°54	22°37	28°16	21°26	M 3
T 4	14 43 11	12°27'21	14♂ 3	15° 7	8°18	13°13	20°18	29°10	15°33	27°49	0°36	22°50	22°34	28°23	21°29	T 4
W 5	14 47 8	13°25'29	28° 4	17°16	9°29	13°59	20°29	29°16	15°33	27°50	0°37	22°47	22°31	28°30	21°31	W 5
T 6	14 51 4	14°23'35	11♂38	19°26	10°41	14°45	20°40	29°22	15°34	27°51	0°38	22°D47	22°28	28°37	21°34	T 6
F 7	14 55 1	15°21'40	24°48	21°35	11°53	15°31	20°51	29°28	15°35	27°52	0°39	22°R47	22°24	28°43	21°36	F 7
S 8	14 58 58	16°19'43	7♂37	23°44	13° 4	16°17	21° 3	29°35	15°36	27°53	0°40	22°46	22°21	28°50	21°39	S 8
S 9	15 2 54	17°17'45	20° 9	25°51	14°16	17° 3	21°14	29°41	15°36	27°54	0°41	22°44	22°18	28°57	21°41	S 9
M10	15 6 51	18°15'46	2♀28	27°57	15°28	17°48	21°25	29°48	15°37	27°55	0°42	22°39	22°15	29° 3	21°44	M10
T 11	15 10 47	19°13'45	14°38	0♂ 1	16°40	18°34	21°35	29°54	15°37	27°56	0°43	22°31	22°12	29°10	21°46	T 11
W12	15 14 44	20°11'43	26°40	2° 4	17°52	19°20	21°46	0♂ 1	15°38	27°57	0°45	22°21	22° 8	29°17	21°48	W12
T 13	15 18 40	21° 9'39	8♂38	4° 4	19° 4	20° 5	21°57	0° 7	15°38	27°58	0°46	22° 8	22° 5	29°24	21°50	T 13
F 14	15 22 37	22° 7'34	20°32	6° 2	20°15	20°51	22° 7	0°14	15°39	27°59	0°47	21°54	22° 2	29°30	21°53	F 14
S 15	15 26 33	23° 5'28	2♂24	7°57	21°27	21°37	22°18	0°21	15°39	28° 0	0°48	21°40	21°59	29°37	21°55	S 15
S 16	15 30 30	24° 3'20	14°16	9°50	22°39	22°22	22°28	0°28	15°39	28° 1	0°49	21°27	21°56	29°44	21°57	S 16
M17	15 34 26	25° 1'10	26° 8	11°40	23°51	23° 7	22°38	0°34	15°40	28° 2	0°51	21°15	21°53	29°50	21°59	M17
T 18	15 38 23	25°58'59	8♂ 4	13°27	25° 3	23°53	22°48	0°41	15°40	28° 4	0°52	21° 7	21°49	29°57	22° 1	T 18
W19	15 42 20	26°56'46	20° 6	15°11	26°15	24°38	22°58	0°48	15°40	28° 5	0°53	21° 1	21°46	0♂ 4	22° 3	W19
T 20	15 46 16	27°54'32	2♂17	16°51	27°27	25°24	23° 8	0°55	15°40	28° 6	0°54	20°58	21°43	0°11	22° 5	T 20
F 21	15 50 13	28°52'16	14°42	18°29	28°39	26° 9	23°18	1° 2	15°R40	28° 7	0°55	20°57	21°40	0°17	22° 7	F 21
S 22	15 54 9	29°49'58	27°26	20° 3	29°51	26°54	23°28	1° 9	15°40	28° 9	0°57	20°57	21°37	0°24	22° 9	S 22
S 23	15 58 6	0♂47'39	10♂31	21°35	1♂ 3	27°39	23°37	1°16	15°40	28°10	0°58	20°57	21°34	0°31	22°10	S 23
M24	16 2 2	1°45'18	24° 4	23° 2	2°15	28°24	23°46	1°23	15°40	28°11	0°59	20°55	21°30	0°38	22°12	M24
T 25	16 5 59	2°42'55	8♂ 5	24°27	3°27	29° 9	23°56	1°31	15°40	28°13	1° 1	20°52	21°27	0°44	22°14	T 25
W26	16 9 55	3°40'32	22°34	25°48	4°40	29°54	24° 5	1°38	15°40	28°14	1° 2	20°45	21°24	0°51	22°16	W26
T 27	16 13 52	4°38'06	7♂29	27° 5	5°52	0♂39	24°14	1°45	15°39	28°16	1° 3	20°37	21°21	0°58	22°17	T 27
F 28	16 17 49	5°35'40	22°41	28°20	7° 4	1°24	24°23	1°52	15°39	28°17	1° 5	20°27	21°18	1° 4	22°19	F 28
S 29	16 21 45	6°33'12	8♂ 2	29°30	8°16	2° 9	24°32	2° 0	15°39	28°19	1° 6	20°17	21°14	1°11	22°20	S 29
S 30	16 25 42	7°30'43	23°18	0♂37	9°28	2°54	24°40	2° 7	15°38	28°20	1° 7	20° 8	21°11	1°18	22°22	S 30
M31	16 29 38	8♂28'13	8♂19	1♂40	10♂40	3♂38	24°49	2♂14	15♂38	28♂22	1♂ 9	20♂ 0	21♂ 8	1♂25	22♂23	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14n41	24s57	4s59	14n 4	0s20	0n23	1s37	3n24	1s 0	5s 1	1s 2	22n41	0s46	16s50	0s40	20n17
S 2	14 59	27 13	4 40	14 55	0 10	0 51	1 38	3 43	1 0	4 57	1 2	22 41	0 46	16 49	0 40	20 17
M 3	15 17	27 29	4 2	15 45	0n 1	1 18	1 40	4 1	0 59	4 52	1 2	22 41	0 46	16 49	0 40	20 17
T 4	15 35	25 51	3 9	16 33	0 11	1 45	1 41	4 19	0 59	4 48	1 2	22 41	0 46	16 49	0 40	20 16
W 5	15 53	22 38	2 7	17 21	0 22	2 12	1 42	4 37	0 59	4 44	1 2	22 41	0 46	16 49	0 40	20 16
T 6	16 10	18 15	0 59	18 7	0 32	2 40	1 43	4 55	0 58	4 39	1 3	22 42	0 45	16 49	0 40	20 16
F 7	16 27	13 6	0n11	18 51	0 43	3 7	1 43	5 13	0 58	4 35	1 3	22 42	0 45	16 48	0 40	20 16
S 8	16 44	7 31	1 18	19 34	0 53	3 34	1 44	5 31	0 58	4 31	1 3	22 42	0 45	16 48	0 40	20 16
S 9	17 0	1 46	2 19	20 15	1 3	4 1	1 45	5 49	0 57	4 27	1 3	22 42	0 45	16 48	0 40	20 16
M10	17 17	3n56	3 13	20 53	1 12	4 28	1 45	6 7	0 57	4 23	1 3	22 42	0 45	16 48	0 40	20 15
T 11	17 33	9 25	3 57	21 29	1 21	4 55	1 46	6 25	0 56	4 19	1 3	22 42	0 45	16 48	0 40	20 15
W12	17 48	14 29	4 30	22 3	1 30	5 22	1 46	6 42	0 56	4 14	1 4	22 43	0 45	16 48	0 40	20 15
T 13	18 4	18 58	4 51	22 34	1 38	5 49	1 47	7 0	0 56	4 10	1 4	22 43	0 44	16 48	0 40	20 15
F 14	18 19	22 42	4 59	23 3	1 45	6 16	1 47	7 18	0 55	4 7	1 4	22 43	0 44	16 48	0 40	20 15
S 15	18 33	25 27	4 54	23 29	1 52	6 43	1 47	7 35	0 55	4 3	1 4	22 43	0 44	16 47	0 40	20 15
S 16	18 48	27 6	4 36	23 53	1 58	7 10	1 47	7 52	0 54	3 59	1 5	22 43	0 44	16 47	0 40	20 14
M17	19 2	27 30	4 6	24 14	2 3	7 36	1 47	8 10	0 54	3 55	1 5	22 43	0 44	16 47	0 40	20 14
T 18	19 16	26 38	3 26	24 32	2 8	8 3	1 47	8 27	0 53	3 51	1 5	22 43	0 44	16 47	0 40	20 14
W19	19 29	24 30	2 35	24 48	2 12	8 29	1 47	8 44	0 53	3 47	1 5	22 43	0 44	16 47	0 40	20 14
T 20	19 42	21 14	1 37	25 2	2 14	8 55	1 47	9 1	0 53	3 44	1 5	22 43	0 44	16 47	0 40	20 13
F 21	19 55	16 57	0 33	25 13	2 17	9 21	1 46	9 18	0 52	3 40	1 6	22 43	0 43	16 47	0 40	20 13
S 22	20 8	11 50	0s34	25 22	2 18	9 46	1 46	9 34	0 52	3 36	1 6	22 44	0 43	16 47	0 40	20 13
S 23	20 20	6 3	1 42	25 29	2 18	10 12	1 45	9 51	0 51	3 33	1 6	22 44	0 43	16 47	0 40	20 13
M24	20 31	0s10	2 46	25 34	2 18	10 37	1 45	10 7	0 51	3 29	1 6	22 44	0 43	16 48	0 40	20 12
T 25	20 43	6 36	3 42	25 37	2 17	11 2	1 44	10 24	0 50	3 26	1 7	22 44	0 43	16 48	0 40	20 12
W26	20 54	12 54	4 26	25 38	2 15	11 27	1 44	10 40	0 50	3 22	1 7	22 44	0 43	16 48	0 41	20 12
T 27	21 5	18 38	4 53	25 37	2 12	11 52	1 43	10 56	0 49	3 19	1 7	22 44	0 43	16 48	0 41	20 12
F 28	21 15	23 18	5 1	25 34	2 8	12 16	1 42	11 12	0 49	3 16	1 7	22 44	0 43	16 48	0 41	20 11
S 29	21 25	26 23	4 47	25 30	2 3	12 40	1 41	11 28	0 48	3 13	1 7	22 44	0 42	16 48	0 41	20 11
S 30	21 34	27 29	4 13	25 25	1 58	13 4	1 40	11 44	0 48	3 9	1 8	22 44	0 42	16 48	0 41	20 11
M31	21n44	26s32	3s21	25n18	1n51	13n28	1s39	12n 0	0s47	3s 6	1s 8	22n44	0s42	16s48	0s41	20n10

Julian Day Number = 2420618.5, Delta T = 17.83 sec  
 Ecliptic obliquity = 23°27'08, Nutation = 0°00'09, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°33'28, Lahiri = 22°40'28



# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

JUNE 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 33 35	9II25'43	22☾58	2☾40	11☾53	4☾23	24☾57	2☾22	15°R37	28☾23	1☾10	19°R55	21☾5	1II31	22☾24	T 1
W 2	16 37 31	10°23'11	7☾8	3°36	13°5	5°8	25°5	2°29	15☾37	28°25	1°11	19☾53	21°2	1°38	22°26	W 2
T 3	16 41 28	11°20'39	20°50	4°27	14°17	5°52	25°13	2°37	15°36	28°27	1°13	19°D52	20°59	1°45	22°27	T 3
F 4	16 45 25	12°18'05	4☾5	5°15	15°30	6°37	25°21	2°44	15°36	28°28	1°14	19°53	20°55	1°52	22°28	F 4
S 5	16 49 21	13°15'31	16°55	5°59	16°42	7°21	25°29	2°52	15°35	28°30	1°15	19°R53	20°52	1°58	22°29	S 5
S 6	16 53 18	14°12'57	29°26	6°39	17°54	8°5	25°37	2°59	15°34	28°32	1°17	19°52	20°49	2°5	22°30	S 6
M 7	16 57 14	15°10'22	11☾41	7°14	19°7	8°50	25°44	3°7	15°34	28°33	1°18	19°49	20°46	2°12	22°32	M 7
T 8	17 1 11	16°7'46	23°46	7°46	20°19	9°34	25°52	3°14	15°33	28°35	1°20	19°43	20°43	2°18	22°33	T 8
W 9	17 5 7	17°5'09	5☾43	8°13	21°31	10°18	25°59	3°22	15°32	28°37	1°21	19°35	20°39	2°25	22°34	W 9
T 10	17 9 4	18°2'32	17°36	8°35	22°44	11°2	26°6	3°30	15°31	28°39	1°23	19°25	20°36	2°32	22°34	T 10
F 11	17 13 0	18°59'55	29°27	8°53	23°56	11°47	26°13	3°37	15°30	28°40	1°24	19°14	20°33	2°39	22°35	F 11
S 12	17 16 57	19°57'17	11II19	9°6	25°9	12°31	26°20	3°45	15°29	28°42	1°25	19°3	20°30	2°45	22°36	S 12
S 13	17 20 54	20°54'38	23°13	9°15	26°21	13°15	26°26	3°53	15°28	28°44	1°27	18°52	20°27	2°52	22°37	S 13
M14	17 24 50	21°51'58	5☾11	9°R20	27°34	13°58	26°33	4°0	15°27	28°46	1°28	18°43	20°24	2°59	22°37	M14
T 15	17 28 47	22°49'18	17°13	9°19	28°46	14°42	26°39	4°8	15°26	28°48	1°30	18°37	20°20	3°5	22°38	T 15
W16	17 32 43	23°46'37	29°23	9°15	29°59	15°26	26°45	4°16	15°25	28°50	1°31	18°32	20°17	3°12	22°39	W16
T 17	17 36 40	24°43'55	11☾43	9°5	1II12	16°10	26°51	4°23	15°24	28°51	1°33	18°30	20°14	3°19	22°39	T 17
F 18	17 40 36	25°41'12	24°14	8°52	2°24	16°54	26°57	4°31	15°22	28°53	1°34	18°D30	20°11	3°26	22°40	F 18
S 19	17 44 33	26°38'28	7☾1	8°35	3°37	17°37	27°3	4°39	15°21	28°55	1°36	18°31	20°8	3°32	22°40	S 19
S 20	17 48 29	27°35'44	20°8	8°14	4°49	18°21	27°8	4°47	15°20	28°57	1°37	18°32	20°5	3°39	22°41	S 20
M21	17 52 26	28°32'59	3☾36	7°49	6°2	19°4	27°14	4°55	15°18	28°59	1°38	18°R32	20°1	3°46	22°41	M21
T 22	17 56 23	29°30'13	17°29	7°22	7°15	19°48	27°19	5°2	15°17	29°1	1°40	18°31	19°58	3°52	22°41	T 22
W23	18 0 19	0☾27'27	1II47	6°52	8°27	20°31	27°24	5°10	15°15	29°3	1°41	18°28	19°55	3°59	22°41	W23
T 24	18 4 16	1°24'40	16°27	6°19	9°40	21°14	27°29	5°18	15°14	29°5	1°43	18°22	19°52	4°6	22°41	T 24
F 25	18 8 12	2°21'52	1☾25	5°45	10°53	21°57	27°34	5°26	15°12	29°7	1°44	18°16	19°49	4°13	22°42	F 25
S 26	18 12 9	3°19'04	16°32	5°10	12°6	22°41	27°38	5°34	15°11	29°9	1°46	18°10	19°45	4°19	22°42	S 26
S 27	18 16 5	4°16'16	1☾39	4°35	13°18	23°24	27°42	5°41	15°9	29°11	1°47	18°3	19°42	4°26	22°R42	S 27
M28	18 20 2	5°13'27	16°37	4°0	14°31	24°7	27°46	5°49	15°8	29°13	1°49	17°59	19°39	4°33	22°42	M28
T 29	18 23 59	6°10'38	1☾16	3°25	15°44	24°50	27°50	5°57	15°6	29°15	1°50	17°56	19°36	4°40	22°41	T 29
W30	18 27 55	7☾7'49	15☾30	2☾52	16II57	25☾33	27☾54	6☾5	15☾4	29☾18	1☾52	17°D55	19☾33	4II46	22☾41	W30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21n53	23s45	2s18	25n10	1n44	13n51	1s38	12n15	0s47	3s 3	1s 8	22n44	0s42	16s49	0s41	20n10	0s20	18n15	5s12	14s51	14s29	25n26	0n58	4n20	
W 2	22 1	19 35	1 7	25 0	1 36	14 14	1 37	12 31	0 46	3 0	1 8	22 44	0 42	16 49	0 41	20 10	0 20	18 15	5 11	14 52	14 30	25 27	0 58	4 20	
T 3	22 9	14 29	0n 5	24 50	1 27	14 37	1 36	12 46	0 46	2 57	1 9	22 44	0 42	16 49	0 41	20 10	0 20	18 15	5 11	14 52	14 31	25 28	0 59	4 20	
F 4	22 17	8 51	1 15	24 39	1 18	14 59	1 34	13 1	0 45	2 54	1 9	22 44	0 42	16 49	0 41	20 9	0 20	18 16	5 11	14 52	14 32	25 29	1 0	4 20	
S 5	22 24	3 2	2 19	24 26	1 7	15 21	1 33	13 16	0 44	2 51	1 9	22 44	0 42	16 49	0 41	20 9	0 20	18 16	5 11	14 52	14 33	25 31	1 0	4 20	
S 6	22 31	2n44	3 14	24 13	0 56	15 43	1 32	13 31	0 44	2 48	1 9	22 44	0 42	16 50	0 41	20 9	0 20	18 16	5 11	14 52	14 34	25 32	1 1	4 21	
M 7	22 38	8 17	3 59	23 59	0 44	16 4	1 30	13 46	0 43	2 46	1 10	22 43	0 41	16 50	0 41	20 8	0 20	18 16	5 11	14 53	14 35	25 33	1 1	4 21	
T 8	22 44	13 27	4 33	23 45	0 32	16 25	1 29	14 1	0 43	2 43	1 10	22 43	0 41	16 50	0 41	20 8	0 20	18 16	5 11	14 55	14 36	25 34	1 2	4 21	
W 9	22 50	18 3	4 54	23 30	0 18	16 45	1 27	14 15	0 42	2 40	1 10	22 43	0 41	16 50	0 41	20 8	0 20	18 16	5 11	14 57	14 37	25 35	1 3	4 21	
T 10	22 55	21 56	5 3	23 15	0 4	17 5	1 25	14 29	0 42	2 38	1 11	22 43	0 41	16 51	0 41	20 7	0 20	18 16	5 11	15 0	14 38	25 37	1 3	4 21	
F 11	23 0	24 54	4 58	22 59	0s10	17 25	1 24	14 44	0 41	2 35	1 11	22 43	0 41	16 51	0 41	20 7	0 20	18 16	5 11	15 4	14 39	25 38	1 4	4 21	
S 12	23 4	26 47	4 41	22 43	0 26	17 44	1 22	14 58	0 40	2 33	1 11	22 43	0 41	16 51	0 41	20 7	0 20	18 16	5 11	15 7	14 40	25 39	1 4	4 22	
S 13	23 8	27 28	4 11	22 27	0 41	18 3	1 20	15 11	0 40	2 30	1 11	22 43	0 41	16 52	0 41	20 6	0 20	18 16	5 11	15 11	14 41	25 40	1 5	4 22	
M14	23 12	26 51	3 30	22 10	0 57	18 21	1 18	15 25	0 39	2 28	1 12	22 43	0 41	16 52	0 41	20 6	0 20	18 16	5 10	15 13	14 42	25 41	1 5	4 22	
T 15	23 15	24 59	2 39	21 54	1 14	18 39	1 16	15 39	0 39	2 26	1 12	22 43	0 41	16 52	0 41	20 5	0 20	18 16	5 10	15 15	14 43	25 43	1 5	4 22	
W16	23 18	21 56	1 41	21 38	1 30	18 57	1 15	15 52	0 38	2 24	1 12	22 42	0 41	16 53	0 41	20 5	0 20	18 16	5 10	15 17	14 44	25 44	1 6	4 22	
T 17	23 21	17 52	0 36	21 22	1 47	19 14	1 13	16 5	0 37	2 21	1 12	22 42	0 40	16 53	0 41	20 5	0 20	18 16	5 10	15 17	14 45	25 45	1 6	4 23	
F 18	23 23	12 58	0s31	21 6	2 4	19 30	1 11	16 18	0 37	2 19	1 13	22 42	0 40	16 54	0 41	20 4	0 20	18 16	5 10	15 17	14 46	25 46	1 7	4 23	
S 19	23 25	7 25	1 38	20 50	2 20	19 46	1 8	16 31	0 36	2 17	1 13	22 42	0 40	16 54	0 41	20 4	0 20	18 16	5 10	15 17	14 47	25 47	1 7	4 23	
S 20	23 26	1 26	2 42	20 35	2 37	20 1	1 6	16 44	0 35	2 15	1 13	22 42	0 40	16 54	0 41	20 4	0 20	18 17	5 10	15 17	14 48	25 48	1 7	4 23	
M21	23 27	4s46	3 38	20 21	2 53	20 16	1 4	16 56	0 35	2 14	1 14	22 42	0 40	16 55	0 41	20 3	0 20	18 17	5 10	15 17	14 49	25 49	1 8	4 23	
T 22	23 27	10 56	4 24	20 7	3 8	20 31	1 2	17 9	0 34	2 12	1 14	22 41	0 40	16 55	0 41	20 3	0 20	18 17	5 10	15 17	14 50	25 50	1 8	4 23	
W23	23 27	16 42	4 55	19 54	3 23	20 44	1 0	17 21	0 34	2 10	1 14	22 41	0 40	16 56	0 42	20 2	0 20	18 17	5 10	15 18	14 51	25 51	1 8	4 24	
T 24	23 27	21 40	5 8	19 41	3 37	20 58	0 58	17 33	0 33	2 8	1 14	22 41	0 40	16 56	0 42	20 2	0 20	18 17	5 10	15 20	14 52	25 53	1 8	4 24	
F 25	23 26	25 21	5 0	19 30	3 50	21 10	0 55	17 45	0 32	2 7	1 15	22 41	0 40	16 57	0 42	20 2	0 20	18 17	5 10	15 22	14 53	25 54	1 8	4 24	
S 26	23 25	27 16	4 31	19 20	4 2	21 23	0 53	17 57	0 32	2 5	1 15	22 41	0 40	16 57	0 42	20 1	0 19	18 17	5 10	15 24	14 54	25 55	1 9	4 24	
S 27	23 23	27 10	3 44	19 10	4 12	21 34	0 51	18 8	0 31	2 4	1 15	22 40	0 40	16 58	0 42	20 1	0 19	18 17	5 10	15 26	14 55	25 56	1 9	4 24	
M28	23 21	25 5	2 41	19 2	4 21	21 45	0 48	18 19	0 30	2 2	1 16	22 40	0 39	16 58	0 42	20 0	0 19	18 17	5 10	15 27	14 56	25 57	1 9	4 25	
T 29	23 18	21 20	1 29	18 56	4 29	21 55	0 46	18 30	0 30	2 1	1 16	22 40	0 39	16 59	0 42	20 0	0 19	18 17	5 10	15 28	14 57	25 58	1 9	4 25	
W30	23n16	16s24	0s13	18n50	4s35	22n 5	0s44	18n41	0s29	2s 0	1s16	22n39	0s39	16s59	0s42	20n 0	0s19	18n17	5s10	15s28	14s58	25n59	1n 9	4n25	

ASTRODIENST EPHEMERIS for the year 1915  
geocentric

JULY 1915

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 31 52	8°50'1	29°18'18	2°R21	18°11'10	26°8'15	27°18'58	6°13'13	15°R 3	29°20'20	1°53'53	17°55'55	19°30'30	4°11'53	22°R41	T 1
F 2	18 35 48	9° 2'12	12°18'39	1°52'52	19°23'23	26°58'28	28° 1'1	6°20'20	15°18'1	29°22'22	1°54'54	17°56'56	19°26'26	5° 0'0	22°18'41	F 2
S 3	18 39 45	9°59'23	25°34'25	1°26'26	20°35'35	27°41'41	28° 5'5	6°28'28	14°59'59	29°24'24	1°56'56	17°58'58	19°23'23	5° 6'6	22°41'41	S 3
S 4	18 43 41	10°56'34	8°18'8	1° 3'3	21°48'48	28°24'24	28° 8'8	6°36'36	14°57'57	29°26'26	1°57'57	17°R59	19°20'20	5°13'13	22°40'40	S 4
M 5	18 47 38	11°53'46	20°25'46	0°45'45	23° 1'1	29° 6'6	28°10'10	6°44'44	14°55'55	29°28'28	1°59'59	17°58'58	19°17'17	5°20'20	22°40'40	M 5
T 6	18 51 34	12°50'58	2°28'29	0°30'30	24°14'14	29°49'49	28°13'13	6°52'52	14°53'53	29°30'30	2° 0'0	17°57'57	19°14'14	5°27'27	22°39'39	T 6
W 7	18 55 31	13°48'11	14°26'26	0°21'21	25°27'27	0°11'31	28°16'16	6°59'59	14°52'52	29°32'32	2° 2'2	17°53'53	19°11'11	5°33'33	22°39'39	W 7
T 8	18 59 28	14°45'23	26°18'18	0°15'15	26°40'40	1°14'14	28°18'18	7° 7'7	14°50'50	29°35'35	2° 3'3	17°49'49	19° 7'7	5°40'40	22°38'38	T 8
F 9	19 3 24	15°42'36	8°11'9	0°D15	27°54'54	1°56'56	28°20'20	7°15'15	14°48'48	29°37'37	2° 5'5	17°43'43	19° 4'4	5°47'47	22°37'37	F 9
S 10	19 7 21	16°39'50	20° 3'3	0°20'20	29° 7'7	2°38'38	28°22'22	7°23'23	14°46'46	29°39'39	2° 6'6	17°38'38	19° 1'1	5°53'53	22°37'37	S 10
S 11	19 11 17	17°37'03	2°28'2	0°30'30	0°20'20	3°20'20	28°24'24	7°30'30	14°44'44	29°41'41	2° 7'7	17°33'33	18°58'58	6° 0'0	22°36'36	S 11
M12	19 15 14	18°34'17	14° 7'7	0°45'45	1°33'33	4° 2'2	28°25'25	7°38'38	14°42'42	29°43'43	2° 9'9	17°28'28	18°55'55	6° 7'7	22°35'35	M12
T 13	19 19 10	19°31'32	26°21'21	1° 6'6	2°46'46	4°44'44	28°27'27	7°46'46	14°40'40	29°45'45	2°10'10	17°25'25	18°52'52	6°14'14	22°34'34	T 13
W14	19 23 7	20°28'46	8°14'4	1°32'32	3°59'59	5°26'26	28°28'28	7°54'54	14°37'37	29°48'48	2°12'12	17°24'24	18°48'48	6°20'20	22°34'34	W14
T 15	19 27 3	21°26'01	21°19'19	2° 3'3	5°13'13	6° 8'8	28°29'29	8° 1'1	14°35'35	29°50'50	2°13'13	17°D24	18°45'45	6°27'27	22°33'33	T 15
F 16	19 31 0	22°23'15	4°18'5	2°40'40	6°26'26	6°50'50	28°30'30	8° 9'9	14°33'33	29°52'52	2°14'14	17°24'24	18°42'42	6°34'34	22°32'32	F 16
S 17	19 34 57	23°20'30	17° 6'6	3°22'22	7°39'39	7°32'32	28°30'30	8°17'17	14°31'31	29°54'54	2°16'16	17°26'26	18°39'39	6°40'40	22°31'31	S 17
S 18	19 38 53	24°17'45	0°22'2	4° 9'9	8°52'52	8°13'13	28°31'31	8°24'24	14°29'29	29°57'57	2°17'17	17°27'27	18°36'36	6°47'47	22°29'29	S 18
M19	19 42 50	25°15'00	13°55'55	5° 1'1	10° 6'6	8°55'55	28°R31	8°32'32	14°27'27	29°59'59	2°19'19	17°28'28	18°32'32	6°54'54	22°28'28	M19
T 20	19 46 46	26°12'16	27°45'45	5°59'59	11°19'19	9°36'36	28°31'31	8°39'39	14°24'24	0°1'1	2°20'20	17°R29	18°29'29	7° 1'1	22°27'27	T 20
W21	19 50 43	27° 9'32	11°18'54	7° 1'1	12°32'32	10°18'18	28°30'30	8°47'47	14°22'22	0° 3'3	2°21'21	17°28'28	18°26'26	7° 7'7	22°26'26	W21
T 22	19 54 39	28° 6'47	26°18'18	8° 9'9	13°46'46	10°59'59	28°30'30	8°55'55	14°20'20	0° 5'5	2°23'23	17°27'27	18°23'23	7°14'14	22°25'25	T 22
F 23	19 58 36	29° 4'04	10°18'55	9°21'21	14°59'59	11°40'40	28°29'29	9° 2'2	14°18'18	0° 8'8	2°24'24	17°25'25	18°20'20	7°21'21	22°23'23	F 23
S 24	20 2 32	0°1'20	25°39'39	10°38'38	16°13'13	12°22'22	28°29'29	9°10'10	14°15'15	0°10'10	2°25'25	17°23'23	18°17'17	7°27'27	22°22'22	S 24
S 25	20 6 29	0°58'37	10°25'25	12° 0'0	17°26'26	13° 3'3	28°28'28	9°17'17	14°13'13	0°12'12	2°27'27	17°21'21	18°13'13	7°34'34	22°20'20	S 25
M26	20 10 26	1°55'55	25° 4'4	13°26'26	18°40'40	13°44'44	28°26'26	9°24'24	14°11'11	0°14'14	2°28'28	17°19'19	18°10'10	7°41'41	22°19'19	M26
T 27	20 14 22	2°53'13	9°29'29	14°57'57	19°53'53	14°25'25	28°25'25	9°32'32	14° 8'8	0°17'17	2°29'29	17°18'18	18° 7'7	7°48'48	22°17'17	T 27
W28	20 18 19	3°50'32	23°37'37	16°32'32	21° 7'7	15° 6'6	28°24'24	9°39'39	14° 6'6	0°19'19	2°30'30	17°D18	18° 4'4	7°54'54	22°16'16	W28
T 29	20 22 15	4°47'52	7°18'18	18°11'11	22°20'20	15°47'47	28°22'22	9°47'47	14° 4'4	0°21'21	2°32'32	17°19'19	18° 1'1	8° 1'1	22°14'14	T 29
F 30	20 26 12	5°45'12	20°43'43	19°54'54	23°34'34	16°27'27	28°20'20	9°54'54	14° 1'1	0°23'23	2°33'33	17°20'20	17°58'58	8° 8'8	22°13'13	F 30
S 31	20 30 8	6°14'23'4	3°18'42	21°24'40	24°28'47	17°11'8	28°18'18	10°28'1	13°28'59	0°12'25	2°33'34	17°21'21	17°55'54	8°11'14	22°11'11	S 31

Day	☉	☾		♊		♀		♈		♉		♊		♋		♌		♍		♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	decl	lat
T 1	23n12	10s46	1n 1	18n46	4s40	22n14	0s41	18n52	0s28	1s59	1s16	22n39	0s39	17s 0	0s42	19n59	0s19	18n17	5s10	15s28	14s59	26n 0	1n 9	4n25			
F 2	23 9	4 49	2 10	18 43	4 43	22 23	0 39	19 3	0 27	1 58	1 17	22 39	0 39	17 0	0 42	19 59	0 19	18 17	5 9	15 28	15 0	26 1	1 9	4 25			
S 3	23 5	1n 9	3 10	18 42	4 45	22 31	0 36	19 13	0 27	1 57	1 17	22 39	0 39	17 1	0 42	19 58	0 19	18 17	5 9	15 27	15 1	26 2	1 9	4 25			
S 4	23 0	6 53	3 59	18 42	4 45	22 38	0 34	19 23	0 26	1 56	1 17	22 38	0 39	17 1	0 42	19 58	0 19	18 17	5 9	15 27	15 2	26 3	1 9	4 26			
M 5	22 55	12 14	4 36	18 44	4 43	22 45	0 31	19 33	0 25	1 55	1 18	22 38	0 39	17 2	0 42	19 57	0 19	18 17	5 9	15 27	15 3	26 4	1 9	4 26			
T 6	22 50	17 2	5 0	18 47	4 40	22 51	0 29	19 43	0 25	1 54	1 18	22 38	0 39	17 3	0 42	19 57	0 19	18 17	5 9	15 28	15 4	26 5	1 9	4 26			
W 7	22 44	21 7	5 11	18 51	4 36	22 56	0 26	19 53	0 24	1 53	1 18	22 37	0 39	17 3	0 42	19 57	0 19	18 17	5 9	15 29	15 5	26 6	1 9	4 26			
T 8	22 38	24 19	5 8	18 56	4 31	23 1	0 24	20 2	0 23	1 53	1 19	22 37	0 39	17 4	0 42	19 56	0 19	18 17	5 9	15 30	15 6	26 7	1 9	4 26			
F 9	22 32	26 29	4 52	19 3	4 24	23 5	0 21	20 12	0 22	1 52	1 19	22 37	0 39	17 4	0 42	19 56	0 19	18 17	5 9	15 32	15 7	26 8	1 9	4 26			
S 10	22 25	27 27	4 23	19 11	4 16	23 8	0 19	20 21	0 22	1 52	1 19	22 36	0 39	17 5	0 42	19 55	0 19	18 17	5 9	15 33	15 8	26 9	1 9	4 27			
S 11	22 17	27 9	3 43	19 19	4 8	23 11	0 16	20 29	0 21	1 51	1 19	22 36	0 38	17 6	0 42	19 55	0 19	18 17	5 9	15 35	15 9	26 10	1 9	4 27			
M12	22 10	25 33	2 52	19 29	3 58	23 13	0 14	20 38	0 20	1 51	1 20	22 36	0 38	17 6	0 42	19 54	0 19	18 17	5 9	15 36	15 10	26 11	1 9	4 27			
T 13	22 2	22 44	1 53	19 39	3 47	23 14	0 11	20 47	0 19	1 51	1 20	22 35	0 38	17 7	0 42	19 54	0 19	18 17	5 9	15 37	15 11	26 12	1 9	4 27			
W14	21 53	18 51	0 47	19 50	3 36	23 15	0 9	20 55	0 19	1 50	1 20	22 35	0 38	17 7	0 42	19 53	0 19	18 17	5 9	15 38	15 12	26 13	1 8	4 27			
T 15	21 45	14 4	0s21	20 2	3 24	23 15	0 6	21 3	0 18	1 50	1 21	22 34	0 38	17 8	0 42	19 53	0 19	18 17	5 9	15 38	15 13	26 14	1 8	4 27			
F 16	21 35	8 37	1 30	20 14	3 12	23 14	0 4	21 11	0 17	1 50	1 21	22 34	0 38	17 9	0 42	19 53	0 19	18 17	5 9	15 38	15 14	26 15	1 8	4 28			
S 17	21 26	2 42	2 36	20 26	2 59	23 13	0 1	21 18	0 16	1 50	1 21	22 34	0 38	17 9	0 42	19 52	0 19	18 17	5 9	15 37	15 15	26 16	1 8	4 28			
S 18	21 16	3s26	3 35	20 38	2 45	23 11	0n 1	21 26	0 16	1 50	1 22	22 33	0 38	17 10	0 42	19 52	0 19	18 17	5 9	15 37	15 16	26 16	1 7	4 28			
M19	21 6	9 31	4 23	20 50	2 32	23 8	0 4	21 33	0 15	1 51	1 22	22 33	0 38	17 11	0 42	19 51	0 19	18 17	5 9	15 36	15 17	26 17	1 7	4 28			
T 20	20 55	15 17	4 57	21 2	2 18	23 5	0 6	21 40	0 14	1 51	1 22	22 32	0 38	17 11	0 42	19 51	0 19	18 17	5 9	15 36	15 18	26 18	1 7	4 28			
W21	20 44	20 23	5 13	21 13	2 3	23 0	0 9	21 47	0 13	1 51	1 23	22 32	0 38	17 12	0 42	19 50	0 19	18 17	5 9	15 36	15 19	26 19	1 6	4 28			
T 22	20 33	24 22	5 11	21 23	1 49	22 56	0 11	21 54	0 13	1 52	1 23	22 32	0 38	17 13	0 42	19 50	0 19	18 17	5 9	15 37	15 20	26 20	1 6	4 29			
F 23	20 21	26 52	4 49	21 33	1 35	22 50	0 14	22 0	0 12	1 52	1 23	22 31	0 38	17 13	0 42	19 49	0 19	18 17	5 9	15 37	15 21	26 21	1 6	4 29			
S 24	20 9	27 30	4 8	21 41	1 20	22 44	0 16	22 6	0 11	1 53	1 23	22 31	0 38	17 14	0 42	19 49	0 19	18 17	5 9	15 38	15 22	26 22	1 5	4 29			
S 25	19 57	26 12	3 10	21 49	1 6	22 37	0 19	22 12	0 10	1 54	1 24	22 30	0 37	17 15	0 42	19 48	0 19	18 17	5 9	15 39	15 23	26 22	1 5	4 29			
M26	19 44	23 6	2 0	21 55	0 52	22 30	0 21	22 18	0 9	1 54	1 24	22 30	0 37	17 15	0 42	19 48	0 19	18 17	5 9	15 39	15 24	26 23	1 4	4 29			
T 27	19 31	18 35	0 43	21 59	0 38	22 22	0 23	22 24	0 9	1 55	1 24	22 29	0 37	17 16	0 42	19 47	0 19	18 17	5 9	15 39	15 24	26 24	1 4	4 29			
W28	19 18	13 7	0n35	22 1	0 25	22 13	0 26	22 29	0 8	1 56	1 25	22 29	0 37	17 17	0 42	19 47	0 19	18 17	5 9	15 39	15 25	26 25	1 3	4 29			
T 29	19 5	7 8	1 49	22 1	0 12	22 4	0 28	22 35	0 7	1 57	1 25	22 28	0 37	17 18	0 42	19 47	0 19	18 17	5 9	15 39	15 26	26 26	1 3	4 30			
F 30	18 51	1 0	2 54	22 0	0n 1	21 54	0 30	22 40	0 6	1 58	1 25	22 28	0 37	17 18	0 42	19 46	0 19	18 17	5 9	15 39	15 27	26 27	1 2	4 30			
S 31	18n36	4n59	3n49	21n55	0n13	21n43	0n33	22n44	0s 5	1s59	1s25	22n27	0s37	17s19	0s42	19n46	0s19	18n17	5s 9	15s39	15s28	26n27	1n 2	4n30			



# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

AUGUST 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 34 5	7♏39°56	16♏19	23♏30	26♏1	17♏49	28°R15	10♏8	13°R57	0♏28	2♏35	17°≈22	17°≈51	8♏21	22°R 9	S 1
M 2	20 38 1	8°37'20	28°39	25°23	27°15	18°29	28♏13	10°16	13°≈54	0°30	2°37	17°22	17°48	8°28	22♏7	M 2
T 3	20 41 58	9°34'45	10♏45	27°18	28°28	19°9	28°10	10°23	13°52	0°32	2°38	17°R22	17°45	8°35	22°6	T 3
W 4	20 45 55	10°32'11	22°43	29°15	29°42	19°50	28°7	10°30	13°49	0°34	2°39	17°22	17°42	8°41	22°4	W 4
T 5	20 49 51	11°29'38	4♏35	1♏15	0♏56	20°30	28°4	10°37	13°47	0°36	2°40	17°22	17°38	8°48	22°2	T 5
F 6	20 53 48	12°27'07	16°28	3°16	2°10	21°10	28°1	10°44	13°45	0°39	2°41	17°21	17°35	8°55	22°0	F 6
S 7	20 57 44	13°24'37	28°25	5°18	3°24	21°50	27°57	10°51	13°42	0°41	2°43	17°20	17°32	9°1	21°58	S 7
S 8	21 1 141	14°22'08	10♏28	7°21	4°37	22°30	27°54	10°58	13°40	0°43	2°44	17°20	17°29	9°8	21°56	S 8
M 9	21 5 37	15°19'40	22°42	9°25	5°51	23°10	27°50	11°5	13°38	0°45	2°45	17°20	17°26	9°15	21°54	M 9
T 10	21 9 34	16°17'14	5♏8	11°29	7°5	23°50	27°46	11°12	13°35	0°47	2°46	17°20	17°23	9°22	21°52	T 10
W 11	21 13 30	17°14'49	17°48	13°32	8°19	24°30	27°41	11°19	13°33	0°50	2°47	17°20	17°19	9°28	21°50	W 11
T 12	21 17 27	18°12'24	0♏42	15°36	9°33	25°10	27°37	11°26	13°30	0°52	2°48	17°20	17°16	9°35	21°47	T 12
F 13	21 21 24	19°10'01	13°51	17°39	10°47	25°49	27°33	11°33	13°28	0°54	2°49	17°20	17°13	9°42	21°45	F 13
S 14	21 25 20	20°7'39	27°14	19°41	12°1	26°29	27°28	11°39	13°26	0°56	2°50	17°19	17°10	9°48	21°43	S 14
S 15	21 29 17	21°5'18	10♏49	21°43	13°15	27°8	27°23	11°46	13°23	0°58	2°51	17°19	17°7	9°55	21°41	S 15
M 16	21 33 13	22°2'58	24°37	23°43	14°29	27°48	27°18	11°53	13°21	1°0	2°52	17°18	17°3	10°2	21°39	M 16
T 17	21 37 10	23°0'39	8♏36	25°42	15°43	28°27	27°13	11°59	13°19	1°2	2°53	17°18	17°0	10°9	21°36	T 17
W 18	21 41 6	23°58'21	22°43	27°41	16°57	29°6	27°7	12°6	13°16	1°4	2°54	17°D18	16°57	10°15	21°34	W 18
T 19	21 45 3	24°56'04	6♏57	29°38	18°11	29°45	27°2	12°12	13°14	1°6	2°55	17°18	16°54	10°22	21°31	T 19
F 20	21 48 59	25°53'48	21°16	1♏33	19°26	0♏24	26°56	12°19	13°12	1°9	2°56	17°19	16°51	10°29	21°29	F 20
S 21	21 52 56	26°51'33	5♏36	3°28	20°40	1°3	26°50	12°25	13°9	1°11	2°57	17°19	16°48	10°35	21°27	S 21
S 22	21 56 53	27°49'20	19°54	5°21	21°54	1°42	26°44	12°31	13°7	1°13	2°58	17°20	16°44	10°42	21°24	S 22
M 23	22 0 49	28°47'08	4≈6	7°12	23°8	2°20	26°38	12°37	13°5	1°15	2°59	17°21	16°41	10°49	21°22	M 23
T 24	22 4 46	29°44'56	18°8	9°3	24°22	2°59	26°32	12°44	13°2	1°17	3°0	17°R21	16°38	10°56	21°19	T 24
W 25	22 8 42	0♏42'47	1♏57	10°52	25°37	3°38	26°26	12°50	13°0	1°19	3°1	17°21	16°35	11°2	21°17	W 25
T 26	22 12 39	1°40'38	15°29	12°39	26°51	4°16	26°19	12°56	12°58	1°21	3°2	17°20	16°32	11°9	21°14	T 26
F 27	22 16 35	2°38'32	28°43	14°26	28°5	4°54	26°13	13°2	12°56	1°23	3°3	17°18	16°29	11°16	21°12	F 27
S 28	22 20 32	3°36'27	11°V38	16°11	29°19	5°33	26°6	13°8	12°53	1°25	3°3	17°16	16°25	11°22	21°9	S 28
S 29	22 24 28	4°34'23	24°15	17°54	0♏34	6°11	25°59	13°14	12°51	1°26	3°4	17°13	16°22	11°29	21°6	S 29
M 30	22 28 25	5°32'22	6♏35	19°37	1°48	6°49	25°52	13°19	12°49	1°28	3°5	17°11	16°19	11°36	21°4	M 30
T 31	22 32 22	6♏30'22	18♏43	21♏18	3♏2	7♏27	25♏45	13♏25	12≈47	1♏30	3♏6	17≈9	16≈16	11♏43	21♏1	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	18n22	10n36 4n31	21n49	0n25	21n32	0n35	22n49	0s 5	2s 0	1s26	22n27	0s37	17s20	0s42	19n45	0s19	S 1
M 2	18 7 15	40 5 0	21 40	0 36	21 20	0 37	22 53	0 4	2 2	1 26	22 26	0 37	17 20	0 42	19 45	0 19	M 2
T 3	17 52 20	2 5 15	21 28	0 46	21 7	0 39	22 58	0 3	2 3	1 26	22 26	0 37	17 21	0 42	19 44	0 19	T 3
W 4	17 36 23 32	5 15 21	13 0	5 55	20 54	0 41	23 2	0 2	2 4	1 27	22 25	0 37	17 22	0 42	19 44	0 19	W 4
T 5	17 21 26 1	5 2 20	56 1	4 20	40 5	0 43	23 6	0 1	2 6	1 27	22 25	0 37	17 22	0 42	19 43	0 19	T 5
F 6	17 5 27 21	4 37 20	36 1	12 20	26 0	45 23	9 0	0 2	7 1	1 27	22 24	0 37	17 23	0 42	19 43	0 19	F 6
S 7	16 48 27 26	3 59 20	14 1	19 20	11 0	47 23	13 0n 1	2 9	1 27	22 24	0 37	17 24	0 42	19 42	0 19	18 16	S 7
S 8	16 32 26 12	3 10 19	49 1	25 19	55 0	49 23	16 0	1 2	11 1	1 28	22 23	0 37	17 24	0 42	19 42	0 19	S 8
M 9	16 15 23 43	2 12 19	22 1	31 19	39 0	51 23	19 0	2 2	13 1	1 28	22 23	0 37	17 25	0 42	19 41	0 19	M 9
T 10	15 58 20 5	1 7 18	52 1	35 19	22 0	53 23	22 0	3 2	14 1	1 28	22 22	0 37	17 26	0 42	19 41	0 19	T 10
W 11	15 40 15 28	0s 3	18 21	1 39	19 5	55 23	24 0	4 2	16 1	1 29	22 22	0 37	17 27	0 42	19 41	0 19	W 11
T 12	15 23 10 5	1 14 17	47 1	42 18	47 0	57 23	27 0	5 2	18 1	1 29	22 21	0 36	17 27	0 42	19 40	0 19	T 12
F 13	15 5 4 10	2 22 17	12 1	44 18	29 0	59 23	29 0	6 2	20 1	1 29	22 21	0 36	17 28	0 42	19 40	0 19	F 13
S 14	14 47 2s 1	3 24 16	35 1	45 18	10 1	0 23	31 0	7 2	22 1	1 29	22 20	0 36	17 29	0 42	19 39	0 19	S 14
S 15	14 29 8 12	4 15 15	57 1	46 17	50 1	2 23	33 0	7 2	25 1	1 30	22 20	0 36	17 29	0 42	19 39	0 19	S 15
M 16	14 10 19 4	5 52 15	17 1	46 17	30 1	3 23	34 0	8 2	27 1	1 30	22 19	0 36	17 30	0 42	19 38	0 19	M 16
T 17	13 51 10 18	4 53 14	36 1	45 17	10 1	5 23	36 0	9 2	29 1	1 30	22 19	0 36	17 31	0 42	19 38	0 19	T 17
W 18	13 32 23 32	5 15 13	54 1	44 16	49 1	7 23	37 0	10 2	32 1	1 30	22 18	0 36	17 31	0 42	19 37	0 19	W 18
T 19	13 13 26 23	4 58 13	12 1	42 16	28 1	8 23	38 0	11 2	34 1	1 30	22 18	0 36	17 32	0 42	19 37	0 19	T 19
F 20	12 54 27 32	4 23 12	28 1	39 16	6 1	9 23	39 0	12 2	36 1	1 31	22 17	0 36	17 33	0 42	19 36	0 19	F 20
S 21	12 34 26 51	3 31 11	44 1	36 15	44 1	11 23	40 0	13 2	39 1	1 31	22 16	0 36	17 33	0 42	19 36	0 19	S 21
S 22	12 14 24 23	2 26 11	0 1	33 15	21 1	12 23	40 0	14 2	41 1	1 31	22 16	0 36	17 34	0 42	19 36	0 19	S 22
M 23	11 54 20 25	1 13 10	15 1	29 14	58 1	13 23	41 0	15 2	44 1	1 31	22 15	0 36	17 35	0 42	19 35	0 19	M 23
T 24	11 34 15 20	0n 4	9 29	1 25	14 34	1 14	23 41	0 16	2 47	1 32	22 15	0 36	17 35	0 42	19 35	0 19	T 24
W 25	11 14 9 33	1 20 8	44 1	20 14	10 1	15 23	41 0	17 2	49 1	1 32	22 14	0 36	17 36	0 42	19 34	0 19	W 25
T 26	10 53 3 26	2 29 7	58 1	15 13	46 1	17 23	40 0	17 2	52 1	1 32	22 14	0 36	17 36	0 42	19 34	0 19	T 26
F 27	10 32 2n41	3 29 7	12 1	10 13	21 1	18 23	40 0	18 2	55 1	1 32	22 13	0 36	17 37	0 42	19 33	0 19	F 27
S 28	10 11 8 32	4 16 6	26 1	4 12	56 1	18 23	39 0	19 2	58 1	1 32	22 13	0 36	17 38	0 42	19 33	0 19	S 28
S 29	9 50 13 54	4 50 5	40 0	58 12	31 1	19 23	39 0	20 3	1 1	1 32	22 12	0 36	17 38	0 42	19 33	0 19	S 29
M 30	9 29 18 35	5 10 4	54 0	52 12	5 1	20 23	38 0	21 3	4 1	1 33	22 12	0 36	17 39	0 42	19 32	0 19	M 30
T 31	9n 8 22n26	5n15 4n 9	0n45	11n39	1n21	23n37	0n22	3s 7	1s33	22n11	0s36	17s40	0s42	19n32	0s19	18n15	T 31

Julian Day Number = 2420710.5, Delta T = 18.09 sec  
 Ecliptic obliquity = 23°27'08, Nutation = 0°00'12, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°33'41, Lahiri = 22°40'41

# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

SEPTEMBER 1915

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 36 18	7 <sup>h</sup> 28'25"	0 <sup>h</sup> 41'	22 <sup>h</sup> 58'	4 <sup>h</sup> 17'	8 <sup>h</sup> 5'	25°R38	13 <sup>h</sup> 31'	12°R45	1 <sup>h</sup> 32'	3 <sup>h</sup> 7'	17°R 8	16 <sup>h</sup> 13'	11 <sup>h</sup> 49'	20°R58	W 1
T 2	22 40 15	8°26'29"	12°33'	24°36'	5°31'	8°42'	25 <sup>h</sup> 31'	13°36'	12 <sup>h</sup> 43'	1°34'	3° 7'	17°D 8	16° 9'	11°56'	20 <sup>h</sup> 56'	T 2
F 3	22 44 11	9°24'35"	24°26'	26°14'	6°46'	9°20'	25°23'	13°42'	12°41'	1°36'	3° 8'	17 <sup>h</sup> 9	16° 6'	12° 3'	20°53'	F 3
S 4	22 48 8	10°22'44"	6 <sup>h</sup> 24'	27°50'	8° 0'	9°58'	25°16'	13°47'	12°39'	1°38'	3° 9'	17°10	16° 3'	12° 9'	20°50'	S 4
S 5	22 52 4	11°20'54"	18°30'	29°25'	9°15'	10°35'	25° 8'	13°53'	12°37'	1°40'	3° 9'	17°12	16° 0'	12°16'	20°48'	S 5
M 6	22 56 1	12°19'06"	0 <sup>h</sup> 50'	0 <sup>h</sup> 58'	10°29'	11°12'	25° 1'	13°58'	12°35'	1°41'	3°10'	17°13	15°57'	12°23'	20°45'	M 6
T 7	22 59 57	13°17'20"	13°26'	2°31'	11°44'	11°50'	24°53'	14° 3'	12°33'	1°43'	3°11'	17°R14	15°54'	12°30'	20°42'	T 7
W 8	23 3 54	14°15'35"	26°20'	4° 2'	12°58'	12°27'	24°45'	14° 9'	12°31'	1°45'	3°11'	17°14	15°50'	12°36'	20°40'	W 8
T 9	23 7 51	15°13'53"	9 <sup>h</sup> 34'	5°32'	14°13'	13° 4'	24°38'	14°14'	12°29'	1°47'	3°12'	17°12	15°47'	12°43'	20°37'	T 9
F 10	23 11 47	16°12'13"	23° 7'	7° 1'	15°27'	13°41'	24°30'	14°19'	12°27'	1°48'	3°12'	17° 9'	15°44'	12°50'	20°34'	F 10
S 11	23 15 44	17°10'34"	6 <sup>h</sup> 57'	8°29'	16°42'	14°18'	24°22'	14°24'	12°25'	1°50'	3°13'	17° 5'	15°41'	12°56'	20°31'	S 11
S 12	23 19 40	18° 8'57"	21° 0'	9°55'	17°57'	14°54'	24°14'	14°28'	12°23'	1°52'	3°13'	17° 1'	15°38'	13° 3'	20°28'	S 12
M13	23 23 37	19° 7'21"	5 <sup>h</sup> 12'	11°21'	19°11'	15°31'	24° 6'	14°33'	12°22'	1°53'	3°14'	16°56'	15°35'	13°10'	20°26'	M13
T14	23 27 33	20° 5'48"	19°28'	12°45'	20°26'	16° 7'	23°58'	14°38'	12°20'	1°55'	3°14'	16°52'	15°31'	13°16'	20°23'	T14
W15	23 31 30	21° 4'16"	3 <sup>h</sup> 46'	14° 7'	21°40'	16°44'	23°50'	14°43'	12°18'	1°57'	3°15'	16°49'	15°28'	13°23'	20°20'	W15
T16	23 35 26	22° 2'45"	18° 0'	15°29'	22°55'	17°20'	23°42'	14°47'	12°17'	1°58'	3°15'	16°D48	15°25'	13°30'	20°17'	T16
F17	23 39 23	23° 1'16"	2 <sup>h</sup> 9	16°49'	24°10'	17°56'	23°34'	14°52'	12°15'	2° 0'	3°16'	16°48'	15°22'	13°37'	20°15'	F17
S18	23 43 20	23°59'49"	16°12'	18° 7'	25°24'	18°32'	23°26'	14°56'	12°13'	2° 1'	3°16'	16°50'	15°19'	13°43'	20°12'	S18
S19	23 47 16	24°58'24"	0 <sup>h</sup> 6	19°24'	26°39'	19° 8'	23°18'	15° 0'	12°12'	2° 3'	3°16'	16°51'	15°15'	13°50'	20° 9'	S19
M20	23 51 13	25°57'00"	13°52'	20°40'	27°54'	19°43'	23°10'	15° 4'	12°10'	2° 4'	3°17'	16°R52	15°12'	13°57'	20° 6'	M20
T21	23 55 9	26°55'37"	27°27'	21°54'	29° 9'	20°19'	23° 2'	15° 8'	12° 9'	2° 6'	3°17'	16°51'	15° 9'	14° 3'	20° 4'	T21
W22	23 59 6	27°54'17"	10 <sup>h</sup> 52'	23° 7'	0 <sup>h</sup> 23'	20°55'	22°54'	15°12'	12° 7'	2° 7'	3°17'	16°49'	15° 6'	14°10'	20° 1'	W22
T23	0 3 2	28°52'58"	24° 4'	24°17'	1°38'	21°30'	22°46'	15°16'	12° 6'	2° 9'	3°18'	16°45'	15° 3'	14°17'	19°58'	T23
F24	0 6 59	29°51'41"	7 <sup>h</sup> 3	25°26'	2°53'	22° 5'	22°38'	15°20'	12° 5'	2°10'	3°18'	16°39'	15° 0'	14°24'	19°56'	F24
S25	0 10 55	0 <sup>h</sup> 50'27"	19°47'	26°33'	4° 8'	22°40'	22°31'	15°24'	12° 3'	2°11'	3°18'	16°31'	14°56'	14°30'	19°53'	S25
S26	0 14 52	1°49'14"	2 <sup>h</sup> 17'	27°38'	5°22'	23°15'	22°23'	15°28'	12° 2'	2°13'	3°18'	16°23'	14°53'	14°37'	19°50'	S26
M27	0 18 48	2°48'04"	14°34'	28°40'	6°37'	23°50'	22°15'	15°31'	12° 1'	2°14'	3°18'	16°15'	14°50'	14°44'	19°47'	M27
T28	0 22 45	3°46'55"	26°39'	29°40'	7°52'	24°25'	22° 7'	15°35'	11°59'	2°15'	3°19'	16° 8'	14°47'	14°50'	19°45'	T28
W29	0 26 42	4°45'49"	8 <sup>h</sup> 36'	0 <sup>h</sup> 38'	9° 7'	25° 0'	22° 0'	15°38'	11°58'	2°16'	3°19'	16° 2'	14°44'	14°57'	19°42'	W29
T30	0 30 38	5 <sup>h</sup> 44'46"	20 <sup>h</sup> 27'	1 <sup>h</sup> 32'	10 <sup>h</sup> 21'	25 <sup>h</sup> 34'	21 <sup>h</sup> 52'	15 <sup>h</sup> 41'	11 <sup>h</sup> 57'	2 <sup>h</sup> 18'	3 <sup>h</sup> 19'	15 <sup>h</sup> 59'	14 <sup>h</sup> 40'	15 <sup>h</sup> 11'	19 <sup>h</sup> 40'	T30

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	8n46	25n18	5n 6	3n23	0n38	11n13	1n22	23n35	0n23	3s10	1s33	22n11	0s36	17s40	0s42	19n31	0s19	18n15	5s10	15s43	15s59	26n49	0n35	4n32	
T 2	8 25	27 1	4 45	2 38	0 31	10 46	1 22	23 34	0 24	3 13	1 33	22 10	0 36	17 41	0 42	19 31	0 19	18 15	5 10	15 43	16 0	26 50	0 34	4 32	
F 3	8 3	27 31	4 11	1 52	0 24	10 19	1 23	23 32	0 25	3 16	1 33	22 9	0 36	17 41	0 42	19 31	0 19	18 15	5 10	15 42	16 1	26 50	0 33	4 32	
S 4	7 41	26 44	3 26	1 8	0 17	9 52	1 23	23 31	0 26	3 19	1 33	22 9	0 35	17 42	0 42	19 30	0 19	18 14	5 11	15 42	16 2	26 51	0 32	4 32	
S 5	7 19	24 40	2 31	0 23	0 10	9 24	1 24	23 29	0 27	3 22	1 34	22 8	0 35	17 42	0 42	19 30	0 19	18 14	5 11	15 41	16 3	26 51	0 31	4 32	
M 6	6 57	21 26	1 29	0s21	0 2	8 56	1 24	23 27	0 28	3 25	1 34	22 8	0 35	17 43	0 42	19 29	0 19	18 14	5 11	15 41	16 4	26 52	0 30	4 32	
T 7	6 34	17 8	0 21	1 5	0s 6	8 28	1 24	23 24	0 29	3 28	1 34	22 7	0 35	17 43	0 42	19 29	0 19	18 14	5 11	15 41	16 5	26 52	0 29	4 32	
W 8	6 12	11 58	0s50	1 49	0 13	8 0	1 25	23 22	0 30	3 31	1 34	22 7	0 35	17 44	0 42	19 29	0 19	18 14	5 11	15 41	16 6	26 53	0 28	4 32	
T 9	5 49	6 8	1 59	2 32	0 21	7 31	1 25	23 19	0 31	3 34	1 34	22 6	0 35	17 45	0 42	19 28	0 19	18 14	5 11	15 41	16 7	26 53	0 27	4 32	
F 10	5 27	0s 5	3 4	3 14	0 29	7 2	1 25	23 17	0 32	3 38	1 34	22 6	0 35	17 45	0 42	19 28	0 19	18 14	5 11	15 42	16 8	26 54	0 25	4 32	
S 11	5 4	6 25	3 59	3 56	0 37	6 33	1 25	23 14	0 33	3 41	1 34	22 5	0 35	17 46	0 42	19 27	0 19	18 14	5 11	15 43	16 9	26 54	0 24	4 32	
S 12	4 41	12 31	4 40	4 38	0 45	6 4	1 25	23 11	0 34	3 44	1 34	22 5	0 35	17 46	0 42	19 27	0 19	18 14	5 11	15 45	16 10	26 55	0 23	4 32	
M13	4 18	18 3	5 5	5 18	0 53	5 35	1 25	23 8	0 35	3 47	1 34	22 4	0 35	17 46	0 42	19 27	0 19	18 14	5 11	15 46	16 11	26 55	0 22	4 31	
T14	3 55	22 36	5 11	5 59	1 1	5 5	1 25	23 4	0 36	3 50	1 34	22 4	0 35	17 47	0 42	19 26	0 19	18 14	5 11	15 47	16 11	26 55	0 21	4 31	
W15	3 32	25 47	4 58	6 38	1 9	4 36	1 24	23 1	0 37	3 54	1 34	22 4	0 35	17 47	0 42	19 26	0 19	18 14	5 11	15 48	16 12	26 56	0 20	4 31	
T16	3 9	27 20	4 27	7 17	1 18	4 6	1 24	22 58	0 38	3 57	1 35	22 3	0 35	17 48	0 42	19 26	0 19	18 14	5 11	15 49	16 13	26 56	0 19	4 31	
F17	2 46	27 5	3 39	7 56	1 26	3 36	1 24	22 54	0 39	4 0	1 35	22 3	0 35	17 48	0 42	19 25	0 19	18 13	5 11	15 48	16 14	26 57	0 17	4 31	
S18	2 23	25 6	2 39	8 33	1 34	3 6	1 23	22 50	0 40	4 3	1 35	22 2	0 35	17 49	0 42	19 25	0 19	18 13	5 11	15 48	16 15	26 57	0 16	4 31	
S19	2 0	21 36	1 30	9 10	1 41	2 36	1 23	22 46	0 41	4 7	1 35	22 2	0 35	17 49	0 42	19 25	0 19	18 13	5 11	15 48	16 16	26 58	0 15	4 31	
M20	1 37	16 56	0 16	9 46	1 49	2 6	1 22	22 42	0 42	4 10	1 35	22 1	0 35	17 50	0 42	19 24	0 19	18 13	5 12	15 47	16 17	26 58	0 14	4 31	
T21	1 13	11 28	0n57	10 21	1 57	1 35	1 22	22 38	0 43	4 13	1 35	22 1	0 35	17 50	0 42	19 24	0 19	18 13	5 12	15 48	16 18	26 58	0 13	4 31	
W22	0 50	5 33	2 6	10 55	2 5	1 5	1 21	22 33	0 44	4 16	1 35	22 0	0 35	17 50	0 42	19 24	0 19	18 13	5 12	15 48	16 19	26 59	0 12	4 31	
T23	0 27	0n31	3 8	11 28	2 12	0 35	1 20	22 29	0 46	4 19	1 35	22 0	0 35	17 51	0 42	19 23	0 19	18 13	5 12	15 50	16 20	26 59	0 11	4 31	
F24	0 3	6 26	3 58	12 0	2 20	0 4	1 20	22 24	0 47	4 22	1 35	22 0	0 35	17 51	0 42	19 23	0 19	18 13	5 12	15 51	16 21	27 0	0 9	4 31	
S25	0s20	11 59	4 35	12 31	2 27	0s26	1 19	22 20	0 48	4 25	1 35	21 59	0 35	17 51	0 42	19 23	0 19	18 13	5 12	15 54	16 22	27 0	0 8	4 30	
S26	0 43	16 56	4 58	13 1	2 34	0 57	1 18	22 15	0 49	4 28	1 35	21 59	0 35	17 52	0 42	19 22	0 19	18 13	5 12	15 56	16 23	27 0	0 7	4 30	
M27	1 7	21 6	5 7	13 30	2 40	1 27	1 17	22 10	0 50	4 31	1 35	21 58	0 35	17 52	0 42	19 22	0 19	18 13	5 12	15 59	16 24	27 1	0 6	4 30	
T28	1 30	24 19	5 2	13 58	2 47	1 58	1 16	22 5	0 51	4 34	1 35	21 58	0 35	17 52	0 42	19 22	0 19	18 13	5 12	16 1	16 25	27 1	0 5	4 30	
W29	1 54	26 25	4 44	14 24	2 53	2 28	1 15	22 0	0 52	4 37	1 35	21 58	0 35	17 53	0 42	19 22	0 19	18 13	5 12	16 2	16 25	27 1	0 4	4 30	
T30	2s17	27n20	4n14	14s49	2s59	2s59	1n14	21n55	0n53	4s40	1s34	21n57	0s35	17s53	0s42	19n21	0s19	18n13	5s12	16s 3	16s26	27n 2	0n 2	4n30	

ASTRODIENST EPHEMERIS for the year 1915  
geocentric

OCTOBER 1915

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 34 35	6♌43'44	2♏18	2♌24	11♌36	26♏8	21°R45	15♏44	11°R56	2♌19	3♏19	15°D57	14♌37	15♏10	19°R37	F 1
S 2	0 38 31	7°42'45	14°14	3°12	12°51	26°42	21°K37	15°47	11°55	2°20	3°19	15°57	14°34	15°17	19°K34	S 2
S 3	0 42 28	8°41'48	26°19	3°57	14°6	27°17	21°30	15°50	11°54	2°21	3°19	15°58	14°31	15°24	19°32	S 3
M 4	0 46 24	9°40'54	8♌29	4°37	15°21	27°50	21°23	15°53	11°53	2°22	3°19	15°59	14°28	15°31	19°29	M 4
T 5	0 50 21	10°40'02	21°19	5°14	16°36	28°24	21°16	15°56	11°52	2°23	3°R19	15°R59	14°25	15°37	19°27	T 5
W 6	0 54 17	11°39'12	4♏21	5°45	17°51	28°58	21°9	15°59	11°51	2°24	3°19	15°58	14°21	15°44	19°24	W 6
T 7	0 58 14	12°38'24	17°48	6°12	19°5	29°31	21°2	16°1	11°51	2°25	3°19	15°54	14°18	15°51	19°22	T 7
F 8	1 2 11	13°37'38	1♌40	6°33	20°20	0♌4	20°55	16°4	11°50	2°26	3°19	15°47	14°15	15°57	19°19	F 8
S 9	1 6 7	14°36'54	15°54	6°48	21°35	0°38	20°48	16°6	11°49	2°27	3°19	15°39	14°12	16°4	19°17	S 9
S 10	1 10 4	15°36'13	0♌25	6°57	22°50	1°11	20°42	16°8	11°49	2°28	3°19	15°30	14°9	16°11	19°14	S 10
M 11	1 14 0	16°35'33	15°5	6°R58	24°5	1°43	20°35	16°10	11°48	2°29	3°19	15°20	14°6	16°17	19°12	M 11
T 12	1 17 57	17°34'56	29°47	6°52	25°20	2°16	20°29	16°13	11°47	2°30	3°19	15°11	14°2	16°24	19°10	T 12
W 13	1 21 53	18°34'20	14♌24	6°39	26°35	2°48	20°23	16°14	11°47	2°31	3°18	15°5	13°59	16°31	19°7	W 13
T 14	1 25 50	19°33'46	28°51	6°17	27°50	3°21	20°17	16°16	11°46	2°31	3°18	15°1	13°56	16°38	19°5	T 14
F 15	1 29 46	20°33'14	13♏3	5°47	29°5	3°53	20°11	16°18	11°46	2°32	3°18	14°59	13°53	16°44	19°3	F 15
S 16	1 33 43	21°32'44	26°59	5°8	0♌20	4°25	20°5	16°20	11°46	2°33	3°18	14°D59	13°50	16°51	19°1	S 16
S 17	1 37 40	22°32'15	10♌40	4°21	1°35	4°56	19°59	16°21	11°45	2°34	3°17	14°R59	13°46	16°58	18°58	S 17
M 18	1 41 36	23°31'48	24°7	3°26	2°50	5°28	19°54	16°22	11°45	2°34	3°17	14°59	13°43	17°4	18°56	M 18
T 19	1 45 33	24°31'22	7♏21	2°24	4°4	5°59	19°49	16°24	11°45	2°35	3°17	14°57	13°40	17°11	18°54	T 19
W 20	1 49 29	25°30'59	20°22	1°16	5°19	6°30	19°44	16°25	11°45	2°36	3°16	14°52	13°37	17°18	18°52	W 20
T 21	1 53 26	26°30'37	3°Y13	0°4	6°34	7°1	19°39	16°26	11°45	2°36	3°16	14°45	13°34	17°24	18°50	T 21
F 22	1 57 22	27°30'17	15°53	28♌49	7°49	7°32	19°34	16°27	11°44	2°37	3°16	14°34	13°31	17°31	18°48	F 22
S 23	2 1 19	28°29'59	28°23	27°34	9°4	8°3	19°29	16°28	11°D44	2°37	3°15	14°22	13°27	17°38	18°46	S 23
S 24	2 5 15	29°29'43	10♌42	26°21	10°19	8°33	19°25	16°28	11°44	2°38	3°15	14°9	13°24	17°45	18°44	S 24
M 25	2 9 12	0♌29'29	22°51	25°11	11°34	9°3	19°21	16°29	11°45	2°38	3°14	13°55	13°21	17°51	18°42	M 25
T 26	2 13 9	1°29'18	4♏52	24°8	12°49	9°33	19°17	16°30	11°45	2°38	3°14	13°43	13°18	17°58	18°40	T 26
W 27	2 17 5	2°29'08	16°45	23°13	14°4	10°3	19°13	16°30	11°45	2°39	3°13	13°33	13°15	18°5	18°39	W 27
T 28	2 21 2	3°29'01	28°35	22°28	15°19	10°33	19°9	16°30	11°45	2°39	3°13	13°25	13°12	18°11	18°37	T 28
F 29	2 24 58	4°28'55	10♏24	21°53	16°34	11°2	19°6	16°30	11°45	2°39	3°12	13°21	13°8	18°18	18°35	F 29
S 30	2 28 55	5°28'52	22°17	21°30	17°49	11°31	19°2	16°R30	11°46	2°40	3°12	13°18	13°5	18°25	18°34	S 30
S 31	2 32 51	6♌28'51	4♌19	21♌18	19♌4	12♌0	18°K59	16♏30	11°46	2♌40	3♏11	13°18	13°2	18°II31	18°K32	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	2s40	26n59	3n33	15s12	3s 4	3s29	1n12	21n49	0n54	4s43	1s34	21n57	0s35	17s53	0s42	19n21	0s19	18n12	5s12	16s 4	16s27	27n 2	0n 1	4n30	
S 2	3 4	25 23	2 42	15 33	3 9	3 59	1 11	21 44	0 56	4 46	1 34	21 57	0 35	17 54	0 42	19 21	0 19	18 12	5 12	16 4	16 28	27 2	0 0	4 30	
S 3	3 27	22 36	1 44	15 53	3 14	4 30	1 10	21 39	0 57	4 49	1 34	21 56	0 35	17 54	0 42	19 20	0 19	18 12	5 12	16 3	16 29	27 3	0s 1	4 29	
M 4	3 50	18 44	0 39	16 10	3 18	5 0	1 8	21 33	0 58	4 52	1 34	21 56	0 34	17 54	0 42	19 20	0 19	18 12	5 12	16 3	16 30	27 3	0 2	4 29	
T 5	4 13	13 57	0s29	16 26	3 21	5 30	1 7	21 27	0 59	4 55	1 34	21 56	0 34	17 54	0 42	19 20	0 19	18 12	5 13	16 3	16 31	27 3	0 3	4 29	
W 6	4 37	8 25	1 37	16 39	3 24	6 0	1 5	21 22	1 0	4 57	1 34	21 56	0 34	17 54	0 42	19 20	0 19	18 12	5 13	16 4	16 32	27 3	0 4	4 29	
T 7	5 0	2 20	2 42	16 50	3 26	6 30	1 4	21 16	1 1	5 0	1 34	21 55	0 34	17 55	0 42	19 20	0 19	18 12	5 13	16 5	16 33	27 4	0 6	4 29	
F 8	5 23	4s 1	3 39	16 58	3 27	6 59	1 2	21 10	1 3	5 2	1 34	21 55	0 34	17 55	0 41	19 19	0 19	18 12	5 13	16 7	16 34	27 4	0 7	4 29	
S 9	5 46	10 19	4 24	17 4	3 28	7 29	1 1	21 4	1 4	5 5	1 34	21 55	0 34	17 55	0 41	19 19	0 19	18 12	5 13	16 9	16 35	27 4	0 8	4 28	
S 10	6 9	16 12	4 53	17 6	3 27	7 58	0 59	20 58	1 5	5 7	1 34	21 55	0 34	17 55	0 41	19 19	0 19	18 12	5 13	16 12	16 36	27 5	0 9	4 28	
M11	6 32	21 12	5 4	17 4	3 25	8 28	0 57	20 52	1 6	5 10	1 33	21 54	0 34	17 55	0 41	19 19	0 19	18 12	5 13	16 15	16 37	27 5	0 10	4 28	
T 12	6 54	24 54	4 54	16 59	3 22	8 57	0 56	20 46	1 7	5 12	1 33	21 54	0 34	17 55	0 41	19 19	0 19	18 12	5 13	16 17	16 37	27 5	0 11	4 28	
W13	7 17	26 56	4 25	16 50	3 17	9 25	0 54	20 39	1 9	5 15	1 33	21 54	0 34	17 56	0 41	19 18	0 19	18 12	5 13	16 19	16 38	27 5	0 12	4 28	
T 14	7 39	27 7	3 40	16 37	3 11	9 54	0 52	20 33	1 10	5 17	1 33	21 54	0 34	17 56	0 41	19 18	0 19	18 12	5 13	16 20	16 39	27 5	0 13	4 27	
F 15	8 2	25 29	2 41	16 20	3 3	10 22	0 50	20 27	1 11	5 19	1 33	21 54	0 34	17 56	0 41	19 18	0 19	18 12	5 13	16 21	16 40	27 6	0 14	4 27	
S 16	8 24	22 19	1 34	15 57	2 53	10 51	0 48	20 20	1 12	5 21	1 33	21 53	0 34	17 56	0 41	19 18	0 19	18 11	5 13	16 21	16 41	27 6	0 15	4 27	
S 17	8 46	17 56	0 23	15 31	2 42	11 19	0 46	20 14	1 14	5 23	1 33	21 53	0 34	17 56	0 41	19 18	0 19	18 11	5 13	16 21	16 42	27 6	0 16	4 27	
M18	9 9	12 44	0n48	15 0	2 29	11 46	0 44	20 7	1 15	5 25	1 32	21 53	0 34	17 56	0 41	19 18	0 19	18 11	5 13	16 21	16 43	27 6	0 17	4 27	
T 19	9 30	7 2	1 56	14 24	2 14	12 14	0 42	20 1	1 16	5 27	1 32	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 13	16 22	16 44	27 6	0 18	4 26	
W 20	9 52	1 7	2 56	13 45	1 57	12 41	0 40	19 54	1 17	5 29	1 32	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 23	16 45	27 7	0 19	4 26	
T 21	10 14	4n44	3 46	13 2	1 39	13 7	0 38	19 48	1 19	5 31	1 32	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 25	16 46	27 7	0 20	4 26	
F 22	10 35	10 19	4 24	12 18	1 19	13 34	0 36	19 41	1 20	5 32	1 32	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 28	16 47	27 7	0 21	4 26	
S 23	10 57	15 24	4 49	11 32	0 59	14 0	0 33	19 35	1 21	5 34	1 32	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 32	16 48	27 7	0 22	4 26	
S 24	11 18	19 47	5 0	10 46	0 39	14 26	0 31	19 28	1 23	5 36	1 31	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 36	16 48	27 7	0 23	4 25	
M25	11 39	23 17	4 57	10 2	0 18	14 51	0 29	19 21	1 24	5 37	1 31	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 40	16 49	27 7	0 24	4 25	
T 26	12 0	25 43	4 41	9 20	0n 2	15 16	0 27	19 14	1 25	5 38	1 31	21 53	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 43	16 50	27 7	0 25	4 25	
W27	12 21	26 58	4 12	8 41	0 22	15 41	0 24	19 8	1 27	5 40	1 31	21 52	0 34	17 56	0 41	19 17	0 19	18 11	5 14	16 46	16 51	27 8	0 26	4 25	
T 28	12 41	27 0	3 33	8 8	0 40	16 5	0 22	19 1	1 28	5 41	1 31	21 52	0 34	17 56	0 41	19 16	0 19	18 11	5 14	16 48	16 52	27 8	0 27	4 24	
F 29	13 1	25 47	2 45	7 39	0 57	16 29	0 20	18 54	1 30	5 42	1 30	21 53	0 34	17 55	0 41	19 16	0 19	18 11	5 14	16 49	16 53	27 8	0 28	4 24	
S 30	13 21	23 24	1 49	7 16	1 12	16 53	0 17	18 48	1 31	5 43	1 30	21 53	0 34	17 55	0 41	19 16	0 19	18 11	5 14	16 50	16 54	27 8	0 29	4 24	
S 31	13s41	19n57	0n47	6s59	1n26	17s16	0n15	18n41	1n32	5s44	1s30	21n53	0s34	17s55	0s41	19n16	0s19	18n11	5s14	16s50	16s55	27n 8	0s30	4n24	

Julian Day Number = 2420771.5, Delta T = 18.26 sec  
Ecliptic obliquity = 23°27'08, Nutation = 0°00

# ASTRODIENST EPHEMERIS for the year 1915

## geocentric

NOVEMBER 1915

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 36 48	7m28'52	16d23'5	21°D17	20m19	12d29	18°R56	16°R30	11°47	2°40	3°R11	13°R18	12°59	18°II38	18°R30	M 1
T 2	2 40 44	8°28'55	29°12	21°28	21°34	12°57	18°54	16°30	11°47	2°40	3°10	13°17	12°56	18°45	18°29	T 2
W 3	2 44 41	9°29'01	12m13	21°49	22°49	13°26	18°51	16°30	11°48	2°40	3°10	13°15	12°52	18°52	18°27	W 3
T 4	2 48 38	10°29'08	25°42	22°20	24° 4	13°53	18°49	16°29	11°48	2°40	3° 9	13°10	12°49	18°58	18°26	T 4
F 5	2 52 34	11°29'18	9d40	22°59	25°19	14°21	18°47	16°28	11°49	2°40	3° 8	13° 2	12°46	19° 5	18°24	F 5
S 6	2 56 31	12°29'29	24° 6	23°47	26°33	14°49	18°45	16°28	11°50	2°R40	3° 8	12°52	12°43	19°12	18°23	S 6
S 7	3 0 27	13°29'42	8m55	24°41	27°48	15°16	18°43	16°27	11°50	2°40	3° 7	12°41	12°40	19°18	18°22	S 7
M 8	3 4 24	14°29'58	23°57	25°42	29° 3	15°43	18°41	16°26	11°51	2°40	3° 6	12°29	12°37	19°25	18°21	M 8
T 9	3 8 20	15°30'15	9d7	26°48	0d18	16° 9	18°40	16°25	11°52	2°40	3° 5	12°18	12°33	19°32	18°19	T 9
W10	3 12 17	16°30'34	24° 5	27°59	1°33	16°36	18°39	16°24	11°53	2°40	3° 5	12° 9	12°30	19°38	18°18	W10
T 11	3 16 13	17°30'54	8d51	29°14	2°48	17° 2	18°38	16°22	11°54	2°40	3° 4	12° 4	12°27	19°45	18°17	T 11
F 12	3 20 10	18°31'15	23°17	0m33	4° 3	17°27	18°37	16°21	11°55	2°40	3° 3	12° 1	12°24	19°52	18°16	F 12
S 13	3 24 7	19°31'38	7d21	1°54	5°18	17°53	18°37	16°19	11°56	2°40	3° 2	12° 0	12°21	19°59	18°15	S 13
S 14	3 28 3	20°32'03	21° 2	3°18	6°33	18°18	18°37	16°18	11°57	2°39	3° 1	12° 0	12°18	20° 5	18°14	S 14
M15	3 32 0	21°32'28	4d22	4°44	7°48	18°43	18°D37	16°16	11°58	2°39	3° 0	12° 0	12°14	20°12	18°13	M15
T 16	3 35 56	22°32'55	17°24	6°11	9° 3	19° 7	18°37	16°14	11°59	2°39	3° 0	11°57	12°11	20°19	18°13	T 16
W17	3 39 53	23°33'23	0dY11	7°40	10°18	19°31	18°37	16°12	12° 1	2°38	2°59	11°53	12° 8	20°25	18°12	W17
T 18	3 43 49	24°33'53	12°45	9°10	11°33	19°55	18°38	16°10	12° 2	2°38	2°58	11°45	12° 5	20°32	18°11	T 18
F 19	3 47 46	25°34'24	25° 9	10°41	12°48	20°19	18°38	16° 8	12° 3	2°38	2°57	11°34	12° 2	20°39	18°10	F 19
S 20	3 51 42	26°34'56	7d24	12°13	14° 3	20°42	18°39	16° 6	12° 5	2°37	2°56	11°22	11°58	20°45	18°10	S 20
S 21	3 55 39	27°35'30	19°31	13°46	15°18	21° 5	18°41	16° 3	12° 6	2°37	2°55	11° 8	11°55	20°52	18° 9	S 21
M22	3 59 36	28°36'05	1d32	15°19	16°33	21°27	18°42	16° 1	12° 8	2°36	2°54	10°54	11°52	20°59	18° 9	M22
T 23	4 3 32	29°36'42	13°27	16°52	17°48	21°50	18°44	15°58	12° 9	2°36	2°53	10°41	11°49	21° 5	18° 8	T 23
W24	4 7 29	0d37'20	25°18	18°25	19° 3	22°11	18°45	15°56	12°11	2°35	2°52	10°31	11°46	21°12	18° 8	W24
T 25	4 11 25	1°38'00	7d6	19°59	20°18	22°33	18°47	15°53	12°12	2°34	2°51	10°23	11°43	21°19	18° 8	T 25
F 26	4 15 22	2°38'41	18°55	21°33	21°32	22°54	18°50	15°50	12°14	2°34	2°50	10°18	11°39	21°26	18° 7	F 26
S 27	4 19 18	3°39'24	0d48	23° 7	22°47	23°14	18°52	15°47	12°16	2°33	2°49	10°16	11°36	21°32	18° 7	S 27
S 28	4 23 15	4°40'08	12°49	24°41	24° 2	23°35	18°54	15°44	12°18	2°32	2°48	10°D15	11°33	21°39	18° 7	S 28
M29	4 27 11	5°40'54	25° 3	26°15	25°17	23°54	18°57	15°41	12°19	2°32	2°47	10°16	11°30	21°46	18° 7	M29
T 30	4 31 8	6d41'41	7d35	27m49	26d32	24d14	19d0	15d38	12d21	2d31	2d46	10°R16	11d27	21d52	18°D 7	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	14s 1	15n36	0s17	6s48	1n38	17s38	0n12	18n34	1n34	5s45	1s30	21n53	0s34	17s55	0s41	19n16
T 2	14 20	10 28	1 23	6 42	1 48	18 0	0 10	18 27	1 35	5 46	1 29	21 53	0 33	17 55	0 41	19 16
W 3	14 40	4 44	2 26	6 42	1 56	18 22	0 7	18 21	1 37	5 47	1 29	21 53	0 33	17 55	0 41	19 16
T 4	14 58	1s24	3 24	6 48	2 3	18 43	0 5	18 14	1 38	5 48	1 29	21 53	0 33	17 54	0 41	19 16
F 5	15 17	7 41	4 11	6 58	2 8	19 4	0 2	18 7	1 40	5 48	1 29	21 53	0 33	17 54	0 41	19 16
S 6	15 36	13 45	4 44	7 12	2 12	19 24	0s 0	18 1	1 41	5 49	1 29	21 53	0 33	17 54	0 41	19 16
S 7	15 54	19 12	4 59	7 29	2 14	19 43	0 3	17 54	1 43	5 49	1 28	21 53	0 33	17 54	0 41	19 16
M 8	16 12	23 31	4 54	7 50	2 15	20 2	0 5	17 48	1 44	5 50	1 28	21 53	0 33	17 54	0 41	19 16
T 9	16 30	26 14	4 28	8 14	2 15	20 21	0 8	17 41	1 46	5 50	1 28	21 54	0 33	17 53	0 41	19 16
W10	16 47	27 3	3 44	8 41	2 14	20 39	0 10	17 35	1 47	5 50	1 28	21 54	0 33	17 53	0 40	19 16
T 11	17 4	25 54	2 45	9 9	2 12	20 56	0 13	17 28	1 49	5 50	1 27	21 54	0 33	17 53	0 40	19 16
F 12	17 21	23 2	1 37	9 39	2 10	21 13	0 15	17 22	1 50	5 50	1 27	21 54	0 33	17 52	0 40	19 16
S 13	17 37	18 50	0 25	10 10	2 7	21 29	0 18	17 15	1 52	5 50	1 27	21 54	0 33	17 52	0 40	19 16
S 14	17 54	13 45	0n48	10 42	2 3	21 45	0 20	17 9	1 54	5 50	1 27	21 55	0 33	17 52	0 40	19 16
M15	18 9	8 7	1 55	11 15	1 58	22 0	0 23	17 3	1 55	5 50	1 26	21 55	0 33	17 51	0 40	19 16
T 16	18 25	2 17	2 55	11 48	1 53	22 14	0 25	16 57	1 57	5 50	1 26	21 55	0 33	17 51	0 40	19 16
W17	18 40	3n31	3 45	12 22	1 48	22 28	0 27	16 51	1 58	5 49	1 26	21 56	0 33	17 51	0 40	19 17
T 18	18 55	9 5	4 23	12 56	1 43	22 41	0 30	16 45	2 0	5 49	1 26	21 56	0 33	17 50	0 40	19 17
F 19	19 10	14 12	4 48	13 30	1 37	22 53	0 32	16 39	2 2	5 48	1 25	21 56	0 33	17 50	0 40	19 17
S 20	19 24	18 42	5 0	14 4	1 31	23 4	0 35	16 33	2 4	5 48	1 25	21 56	0 33	17 49	0 40	19 17
S 21	19 38	22 23	4 57	14 38	1 24	23 15	0 37	16 27	2 5	5 47	1 25	21 57	0 33	17 49	0 40	19 17
M22	19 52	25 4	4 42	15 12	1 18	23 26	0 40	16 22	2 7	5 46	1 25	21 57	0 33	17 49	0 40	19 17
T 23	20 5	26 37	4 14	15 45	1 11	23 35	0 42	16 16	2 9	5 45	1 24	21 57	0 32	17 48	0 40	19 17
W24	20 17	26 57	3 35	16 17	1 4	23 44	0 44	16 11	2 10	5 44	1 24	21 58	0 32	17 48	0 40	19 17
T 25	20 30	26 2	2 47	16 49	0 57	23 52	0 47	16 5	2 12	5 43	1 24	21 58	0 32	17 47	0 40	19 17
F 26	20 42	23 57	1 51	17 21	0 51	24 0	0 49	16 0	2 14	5 42	1 24	21 59	0 32	17 47	0 40	19 18
S 27	20 54	20 48	0 50	17 52	0 44	24 7	0 51	15 55	2 16	5 41	1 23	21 59	0 32	17 46	0 40	19 18
S 28	21 5	16 45	0s14	18 22	0 37	24 13	0 54	15 50	2 18	5 40	1 23	21 59	0 32	17 46	0 40	19 18
M29	21 16	11 57	1 18	18 51	0 30	24 18	0 56	15 45	2 20	5 39	1 23	22 0	0 32	17 45	0 40	19 18
T 30	21s26	6n33	2s21	19s19	0n22	24s22	0s58	15n40	2n21	5s37	1s23	22n 0	0s32	17s45	0s40	19n18

Julian Day Number = 2420802.5, Delta T = 18.35 sec

Ecliptic obliquity = 23°27'07, Nutation = 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°33'53, Lahiri = 22°40'54

ASTRODIENST EPHEMERIS for the year 1915  
geocentric

DECEMBER 1915

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 35 5	7 <sup>h</sup> 42'30	20 <sup>m</sup> 30	29 <sup>m</sup> 24	27 <sup>h</sup> 47	24 <sup>h</sup> 33	19 <sup>h</sup> 3	15 <sup>h</sup> R35	12 <sup>h</sup> 23	2 <sup>h</sup> R30	2 <sup>h</sup> R45	10 <sup>h</sup> R15	11 <sup>h</sup> 24	21 <sup>h</sup> 59	18 <sup>h</sup> 7	W 1
T 2	4 39 1	8 <sup>h</sup> 43'20	3 <sup>m</sup> 52	0 <sup>h</sup> 58	29 <sup>h</sup> 2	24 <sup>h</sup> 51	19 <sup>h</sup> 7	15 <sup>h</sup> 31	12 <sup>h</sup> 25	2 <sup>h</sup> 29	2 <sup>h</sup> 44	10 <sup>h</sup> 12	11 <sup>h</sup> 20	22 <sup>h</sup> 6	18 <sup>h</sup> 7	T 2
F 3	4 42 58	9 <sup>h</sup> 44'12	17 <sup>m</sup> 44	2 <sup>h</sup> 32	0 <sup>h</sup> 17	25 <sup>h</sup> 9	19 <sup>h</sup> 10	15 <sup>h</sup> 28	12 <sup>h</sup> 27	2 <sup>h</sup> 28	2 <sup>h</sup> 43	10 <sup>h</sup> 7	11 <sup>h</sup> 17	22 <sup>h</sup> 12	18 <sup>h</sup> 7	F 3
S 4	4 46 54	10 <sup>h</sup> 45'05	2 <sup>m</sup> 6	4 <sup>h</sup> 6	1 <sup>h</sup> 32	25 <sup>h</sup> 27	19 <sup>h</sup> 14	15 <sup>h</sup> 24	12 <sup>h</sup> 29	2 <sup>h</sup> 27	2 <sup>h</sup> 42	10 <sup>h</sup> 0	11 <sup>h</sup> 14	22 <sup>h</sup> 19	18 <sup>h</sup> 7	S 4
S 5	4 50 51	11 <sup>h</sup> 45'59	16 <sup>m</sup> 54	5 <sup>h</sup> 40	2 <sup>h</sup> 47	25 <sup>h</sup> 44	19 <sup>h</sup> 18	15 <sup>h</sup> 21	12 <sup>h</sup> 31	2 <sup>h</sup> 27	2 <sup>h</sup> 41	9 <sup>h</sup> 51	11 <sup>h</sup> 11	22 <sup>h</sup> 26	18 <sup>h</sup> 7	S 5
M 6	4 54 47	12 <sup>h</sup> 46'55	2 <sup>m</sup> 2	7 <sup>h</sup> 14	4 <sup>h</sup> 1	26 <sup>h</sup> 1	19 <sup>h</sup> 22	15 <sup>h</sup> 17	12 <sup>h</sup> 33	2 <sup>h</sup> 26	2 <sup>h</sup> 39	9 <sup>h</sup> 41	11 <sup>h</sup> 8	22 <sup>h</sup> 32	18 <sup>h</sup> 8	M 6
T 7	4 58 44	13 <sup>h</sup> 47'52	17 <sup>m</sup> 20	8 <sup>h</sup> 48	5 <sup>h</sup> 16	26 <sup>h</sup> 17	19 <sup>h</sup> 27	15 <sup>h</sup> 13	12 <sup>h</sup> 35	2 <sup>h</sup> 25	2 <sup>h</sup> 38	9 <sup>h</sup> 33	11 <sup>h</sup> 4	22 <sup>h</sup> 39	18 <sup>h</sup> 8	T 7
W 8	5 2 41	14 <sup>h</sup> 48'50	2 <sup>m</sup> 37	10 <sup>h</sup> 22	6 <sup>h</sup> 31	26 <sup>h</sup> 32	19 <sup>h</sup> 31	15 <sup>h</sup> 9	12 <sup>h</sup> 38	2 <sup>h</sup> 24	2 <sup>h</sup> 37	9 <sup>h</sup> 26	11 <sup>h</sup> 1	22 <sup>h</sup> 46	18 <sup>h</sup> 9	W 8
T 9	5 6 37	15 <sup>h</sup> 49'48	17 <sup>m</sup> 41	11 <sup>h</sup> 56	7 <sup>h</sup> 46	26 <sup>h</sup> 48	19 <sup>h</sup> 36	15 <sup>h</sup> 5	12 <sup>h</sup> 40	2 <sup>h</sup> 23	2 <sup>h</sup> 36	9 <sup>h</sup> 22	10 <sup>h</sup> 58	22 <sup>h</sup> 52	18 <sup>h</sup> 9	T 9
F 10	5 10 34	16 <sup>h</sup> 50'48	2 <sup>m</sup> 25	13 <sup>h</sup> 30	9 <sup>h</sup> 1	27 <sup>h</sup> 2	19 <sup>h</sup> 41	15 <sup>h</sup> 1	12 <sup>h</sup> 42	2 <sup>h</sup> 22	2 <sup>h</sup> 35	9 <sup>h</sup> 20	10 <sup>h</sup> 55	22 <sup>h</sup> 59	18 <sup>h</sup> 10	F 10
S 11	5 14 30	17 <sup>h</sup> 51'48	16 <sup>m</sup> 44	15 <sup>h</sup> 4	10 <sup>h</sup> 16	27 <sup>h</sup> 16	19 <sup>h</sup> 46	14 <sup>h</sup> 57	12 <sup>h</sup> 45	2 <sup>h</sup> 20	2 <sup>h</sup> 34	9 <sup>h</sup> D20	10 <sup>h</sup> 52	23 <sup>h</sup> 6	18 <sup>h</sup> 10	S 11
S 12	5 18 27	18 <sup>h</sup> 52'48	0 <sup>h</sup> 36	16 <sup>h</sup> 39	11 <sup>h</sup> 31	27 <sup>h</sup> 30	19 <sup>h</sup> 51	14 <sup>h</sup> 53	12 <sup>h</sup> 47	2 <sup>h</sup> 19	2 <sup>h</sup> 33	9 <sup>h</sup> 21	10 <sup>h</sup> 49	23 <sup>h</sup> 13	18 <sup>h</sup> 11	S 12
M13	5 22 23	19 <sup>h</sup> 53'49	14 <sup>m</sup> 2	18 <sup>h</sup> 13	12 <sup>h</sup> 45	27 <sup>h</sup> 43	19 <sup>h</sup> 57	14 <sup>h</sup> 49	12 <sup>h</sup> 49	2 <sup>h</sup> 18	2 <sup>h</sup> 31	9 <sup>h</sup> R22	10 <sup>h</sup> 45	23 <sup>h</sup> 19	18 <sup>h</sup> 11	M13
T 14	5 26 20	20 <sup>h</sup> 54'51	27 <sup>m</sup> 4	19 <sup>h</sup> 47	14 <sup>h</sup> 0	27 <sup>h</sup> 55	20 <sup>h</sup> 2	14 <sup>h</sup> 45	12 <sup>h</sup> 52	2 <sup>h</sup> 17	2 <sup>h</sup> 30	9 <sup>h</sup> 22	10 <sup>h</sup> 42	23 <sup>h</sup> 26	18 <sup>h</sup> 12	T 14
W15	5 30 16	21 <sup>h</sup> 55'53	9 <sup>h</sup> 46	21 <sup>h</sup> 22	15 <sup>h</sup> 15	28 <sup>h</sup> 7	20 <sup>h</sup> 8	14 <sup>h</sup> 40	12 <sup>h</sup> 54	2 <sup>h</sup> 16	2 <sup>h</sup> 29	9 <sup>h</sup> 20	10 <sup>h</sup> 39	23 <sup>h</sup> 33	18 <sup>h</sup> 13	W15
T 16	5 34 13	22 <sup>h</sup> 56'55	22 <sup>m</sup> 13	22 <sup>h</sup> 56	16 <sup>h</sup> 30	28 <sup>h</sup> 18	20 <sup>h</sup> 14	14 <sup>h</sup> 36	12 <sup>h</sup> 57	2 <sup>h</sup> 15	2 <sup>h</sup> 28	9 <sup>h</sup> 16	10 <sup>h</sup> 36	23 <sup>h</sup> 39	18 <sup>h</sup> 14	T 16
F 17	5 38 10	23 <sup>h</sup> 57'58	4 <sup>h</sup> 27	24 <sup>h</sup> 31	17 <sup>h</sup> 45	28 <sup>h</sup> 29	20 <sup>h</sup> 20	14 <sup>h</sup> 31	12 <sup>h</sup> 59	2 <sup>h</sup> 13	2 <sup>h</sup> 27	9 <sup>h</sup> 10	10 <sup>h</sup> 33	23 <sup>h</sup> 46	18 <sup>h</sup> 15	F 17
S 18	5 42 6	24 <sup>h</sup> 59'01	16 <sup>m</sup> 31	26 <sup>h</sup> 5	18 <sup>h</sup> 59	28 <sup>h</sup> 39	20 <sup>h</sup> 27	14 <sup>h</sup> 27	13 <sup>h</sup> 2	2 <sup>h</sup> 12	2 <sup>h</sup> 25	9 <sup>h</sup> 2	10 <sup>h</sup> 30	23 <sup>h</sup> 53	18 <sup>h</sup> 16	S 18
S 19	5 46 3	26 <sup>h</sup> 0'05	28 <sup>m</sup> 29	27 <sup>h</sup> 40	20 <sup>h</sup> 14	28 <sup>h</sup> 48	20 <sup>h</sup> 33	14 <sup>h</sup> 22	13 <sup>h</sup> 4	2 <sup>h</sup> 11	2 <sup>h</sup> 24	8 <sup>h</sup> 54	10 <sup>h</sup> 26	23 <sup>h</sup> 59	18 <sup>h</sup> 17	S 19
M20	5 49 59	27 <sup>h</sup> 1'10	10 <sup>h</sup> 23	29 <sup>h</sup> 15	21 <sup>h</sup> 29	28 <sup>h</sup> 57	20 <sup>h</sup> 40	14 <sup>h</sup> 18	13 <sup>h</sup> 7	2 <sup>h</sup> 10	2 <sup>h</sup> 23	8 <sup>h</sup> 45	10 <sup>h</sup> 23	24 <sup>h</sup> 6	18 <sup>h</sup> 18	M20
T 21	5 53 56	28 <sup>h</sup> 2'14	22 <sup>m</sup> 14	0 <sup>h</sup> 51	22 <sup>h</sup> 43	29 <sup>h</sup> 5	20 <sup>h</sup> 47	14 <sup>h</sup> 13	13 <sup>h</sup> 10	2 <sup>h</sup> 8	2 <sup>h</sup> 22	8 <sup>h</sup> 37	10 <sup>h</sup> 20	24 <sup>h</sup> 13	18 <sup>h</sup> 19	T 21
W22	5 57 52	29 <sup>h</sup> 3'20	4 <sup>h</sup> 4	2 <sup>h</sup> 26	23 <sup>h</sup> 58	29 <sup>h</sup> 13	20 <sup>h</sup> 54	14 <sup>h</sup> 9	13 <sup>h</sup> 12	2 <sup>h</sup> 7	2 <sup>h</sup> 21	8 <sup>h</sup> 31	10 <sup>h</sup> 17	24 <sup>h</sup> 19	18 <sup>h</sup> 20	W22
T 23	6 1 49	0 <sup>h</sup> 3	4 <sup>h</sup> 25	15 <sup>h</sup> 55	4 <sup>h</sup> 2	25 <sup>h</sup> 13	29 <sup>h</sup> 20	21 <sup>h</sup> 1	14 <sup>h</sup> 4	13 <sup>h</sup> 15	2 <sup>h</sup> 6	2 <sup>h</sup> 19	8 <sup>h</sup> 26	10 <sup>h</sup> 14	24 <sup>h</sup> 26	T 23
F 24	6 5 45	1 <sup>h</sup> 5'32	27 <sup>m</sup> 49	5 <sup>h</sup> 38	26 <sup>h</sup> 27	29 <sup>h</sup> 26	21 <sup>h</sup> 8	13 <sup>h</sup> 59	13 <sup>h</sup> 18	2 <sup>h</sup> 4	2 <sup>h</sup> 18	8 <sup>h</sup> 24	10 <sup>h</sup> 10	24 <sup>h</sup> 33	18 <sup>h</sup> 21	F 24
S 25	6 9 42	2 <sup>h</sup> 6'39	9 <sup>h</sup> 48	7 <sup>h</sup> 14	27 <sup>h</sup> 42	29 <sup>h</sup> 31	21 <sup>h</sup> 15	13 <sup>h</sup> 54	13 <sup>h</sup> 21	2 <sup>h</sup> 3	2 <sup>h</sup> 17	8 <sup>h</sup> D23	10 <sup>h</sup> 7	24 <sup>h</sup> 40	18 <sup>h</sup> 24	S 25
S 26	6 13 39	3 <sup>h</sup> 7'46	21 <sup>m</sup> 54	8 <sup>h</sup> 50	28 <sup>h</sup> 57	29 <sup>h</sup> 36	21 <sup>h</sup> 23	13 <sup>h</sup> 49	13 <sup>h</sup> 24	2 <sup>h</sup> 1	2 <sup>h</sup> 16	8 <sup>h</sup> 24	10 <sup>h</sup> 4	24 <sup>h</sup> 46	18 <sup>h</sup> 25	S 26
M27	6 17 35	4 <sup>h</sup> 8'53	4 <sup>h</sup> 12	10 <sup>h</sup> 27	0 <sup>h</sup> 11	29 <sup>h</sup> 40	21 <sup>h</sup> 31	13 <sup>h</sup> 45	13 <sup>h</sup> 26	2 <sup>h</sup> 0	2 <sup>h</sup> 15	8 <sup>h</sup> 26	10 <sup>h</sup> 1	24 <sup>h</sup> 53	18 <sup>h</sup> 27	M27
T 28	6 21 32	5 <sup>h</sup> 10'02	16 <sup>m</sup> 45	12 <sup>h</sup> 3	1 <sup>h</sup> 26	29 <sup>h</sup> 43	21 <sup>h</sup> 39	13 <sup>h</sup> 40	13 <sup>h</sup> 29	1 <sup>h</sup> 58	2 <sup>h</sup> 13	8 <sup>h</sup> 27	9 <sup>h</sup> 58	25 <sup>h</sup> 0	18 <sup>h</sup> 28	T 28
W29	6 25 28	6 <sup>h</sup> 11'10	29 <sup>m</sup> 37	13 <sup>h</sup> 40	2 <sup>h</sup> 41	29 <sup>h</sup> 46	21 <sup>h</sup> 47	13 <sup>h</sup> 35	13 <sup>h</sup> 32	1 <sup>h</sup> 57	2 <sup>h</sup> 12	8 <sup>h</sup> 29	9 <sup>h</sup> 55	25 <sup>h</sup> 6	18 <sup>h</sup> 30	W29
T 30	6 29 25	7 <sup>h</sup> 12'20	12 <sup>h</sup> 53	15 <sup>h</sup> 17	3 <sup>h</sup> 55	29 <sup>h</sup> 48	21 <sup>h</sup> 55	13 <sup>h</sup> 30	13 <sup>h</sup> 35	1 <sup>h</sup> 55	2 <sup>h</sup> 11	8 <sup>h</sup> R29	9 <sup>h</sup> 51	25 <sup>h</sup> 13	18 <sup>h</sup> 31	T 30
F 31	6 33 21	8 <sup>h</sup> 13'29	26 <sup>m</sup> 33	16 <sup>h</sup> 55	5 <sup>h</sup> 10	29 <sup>h</sup> 49	22 <sup>h</sup> 3	13 <sup>h</sup> 25	13 <sup>h</sup> 38	1 <sup>h</sup> 54	2 <sup>h</sup> 10	8 <sup>h</sup> 27	9 <sup>h</sup> 48	25 <sup>h</sup> 20	18 <sup>h</sup> 33	F 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
W 1	21s36	0n44	3s18	19s47	0n16	24s26	1s0	15n36	2n23	5s36	1s22	22n1	0s32	17s44	0s40	19n18	0s19	18n10	5s15	17s41	17s22	27n7	0s47	4n15					
T 2	21 46	5s18	4 6	20 13	0 9	24 29	1 2	15 31	2 25	5 34	1 22	22 1	0 32	17 43	0 40	19 19	0 19	18 10	5 15	17 42	17 23	27 7	0 48	4 15					
F 3	21 55	11 18	4 42	20 39	0 2	24 31	1 4	15 27	2 27	5 32	1 22	22 2	0 32	17 43	0 40	19 19	0 19	18 11	5 15	17 43	17 24	27 6	0 48	4 14					
S 4	22 4	16 55	5 2	21 4	0s5	24 33	1 6	15 23	2 29	5 31	1 22	22 2	0 32	17 42	0 40	19 19	0 19	18 11	5 15	17 45	17 25	27 6	0 48	4 14					
S 5	22 13	21 43	5 2	21 27	0 12	24 34	1 8	15 19	2 31	5 29	1 21	22 3	0 32	17 42	0 40	19 19	0 19	18 11	5 15	17 47	17 26	27 6	0 48	4 14					
M 6	22 21	25 11	4 42	21 50	0 19	24 34	1 10	15 15	2 33	5 27	1 21	22 3	0 32	17 41	0 40	19 20	0 19	18 11	5 15	17 50	17 27	27 6	0 48	4 13					
T 7	22 28	26 51	4 2	22 12	0 25	24 33	1 12	15 12	2 35	5 25	1 21	22 4	0 32	17 40	0 40	19 20	0 19	18 11	5 15	17 52	17 28	27 6	0 48	4 13					
W 8	22 35	26 29	3 4	22 32	0 32	24 32	1 14	15 8	2 37	5 23	1 21	22 4	0 32	17 40	0 40	19 20	0 19	18 11	5 15	17 54	17 28	27 6	0 49	4 13					
T 9	22 42	24 9	1 54	22 52	0 38	24 29	1 16	15 5	2 39	5 21	1 20	22 5	0 31	17 39	0 40	19 20	0 19	18 11	5 15	17 55	17 29	27 5	0 49	4 13					
F 10	22 48	20 14	0 37	23 10	0 44	24 26	1 18	15 2	2 41	5 19	1 20	22 5	0 31	17 38	0 40	19 20	0 19	18 11	5 15	17 56	17 30	27 5	0 49	4 12					
S 11	22 54	15 12	0n40	23 27	0 51	24 23	1 20	14 59	2 43	5 17	1 20	22 6	0 31	17 38	0 40	19 21	0 19	18 11	5 15	17 56	17 31	27 5	0 49	4 12					
S 12	22 59	9 31	1 52	23 43	0 56	24 18	1 21	14 56	2 45	5 14	1 20	22 6	0 31	17 37	0 40	19 21	0 19	18 11	5 15	17 55	17 32	27 5	0 49	4 12					
M13	23 4	3 35	2 56	23 58	1 2	24 13	1 23	14 54	2 47	5 12	1 19	22 7	0 31	17 36	0 40	19 21	0 19	18 11	5 15	17 55	17 33	27 4	0 49	4 11					
T 14	23 8	2n20	3 48	24 11	1 8	24 7	1 24	14 51	2 50	5 10	1 19	22 7	0 31	17 36	0 40	19 21	0 19	18 11	5 15	17 55	17 34	27 4	0 49	4 11					
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S 18	23 21	21 40	5 6	24 52	1 29	23 36	1 30	14 44	2 58	4 59	1 18	22 10	0 31	17 33	0 39	19 23	0 19	18 11	5 15	18 0	17 37	27 3	0 48	4 10					
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F 31	23s12	15s0	5s7	24s30	2s8	20s38	1s42	14n47	3n28	4s18	1s15	22n17	0s29	17s22	0s39	19n27	0s19	18n12	5s14	18s10	17s48	26n59	0s45	4n7					