



Astrodienst Ephemeris Tables for the year 2175

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 2175
geocentric

JANUARY 2175

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 19	10°23'41	22°7' 7	1°R28	8°30	11°37	28°34	20°15	13°49	27°14	18°R31	9°R15	10°23	3°52	22°R27	S 1
M 2	6 46 15	11°24'50	6°8'10	0°28	9°45	12°22	28°58	20°16	13°51	27°15	18°29	9°12	10°20	3°59	22°D27	M 2
T 3	6 50 12	12°25'58	20°10	29°36	10°59	13° 7	29°11	20°17	13°53	27°17	18°28	9° 7	10°16	4° 6	22°V27	T 3
W 4	6 54 8	13°27'06	4°11 4	28°55	12°13	13°52	29°25	20°19	13°55	27°19	18°27	9° 0	10°13	4°12	22°27	W 4
T 5	6 58 5	14°28'14	17°49	28°25	13°28	14°37	29°39	20°20	13°57	27°21	18°26	8°51	10°10	4°19	22°28	T 5
F 6	7 2 2	15°29'22	1°23	28° 5	14°42	15°22	29°53	20°21	13°59	27°23	18°24	8°41	10° 7	4°26	22°28	F 6
S 7	7 5 58	16°30'30	14°42	27°54	15°56	16° 7	0°7 7	20°23	14° 1	27°24	18°23	8°32	10° 4	4°32	22°28	S 7
S 8	7 9 55	17°31'38	27°45	27°D54	17°10	16°52	0°21	20°25	14° 4	27°26	18°22	8°24	10° 1	4°39	22°28	S 8
M 9	7 13 51	18°32'46	10°230	28° 1	18°25	17°37	0°35	20°27	14° 6	27°28	18°21	8°18	9°57	4°46	22°29	M 9
T 10	7 17 48	19°33'54	22°58	28°17	19°39	18°22	0°49	20°28	14° 8	27°30	18°19	8°14	9°54	4°52	22°29	T 10
W11	7 21 44	20°35'02	5°11 11	28°41	20°53	19° 7	1° 3	20°31	14°10	27°32	18°18	8°D13	9°51	4°59	22°30	W11
T 12	7 25 41	21°36'10	17°11	29°11	22° 7	19°52	1°17	20°33	14°13	27°34	18°17	8°13	9°48	5° 6	22°30	T 12
F 13	7 29 38	22°37'18	29° 3	29°47	23°21	20°37	1°31	20°35	14°15	27°36	18°15	8°14	9°45	5°12	22°31	F 13
S 14	7 33 34	23°38'25	10°51	0°28	24°35	21°22	1°45	20°37	14°18	27°38	18°14	8°16	9°42	5°19	22°31	S 14
S 15	7 37 31	24°39'33	22°41	1°14	25°49	22° 7	1°59	20°40	14°20	27°40	18°13	8°R17	9°38	5°26	22°32	S 15
M16	7 41 27	25°40'41	4°1138	2° 5	27° 3	22°52	2°13	20°42	14°23	27°42	18°12	8°16	9°35	5°32	22°33	M16
T 17	7 45 24	26°41'49	16°47	2°59	28°17	23°37	2°27	20°45	14°25	27°44	18°10	8°14	9°32	5°39	22°33	T 17
W18	7 49 20	27°42'56	29°12	3°57	29°31	24°22	2°41	20°48	14°28	27°46	18° 9	8°10	9°29	5°46	22°34	W18
T 19	7 53 17	28°44'04	11°57	4°58	0°45	25° 6	2°55	20°51	14°30	27°48	18° 8	8° 4	9°26	5°52	22°35	T 19
F 20	7 57 13	29°45'11	25° 5	6° 2	1°59	25°51	3° 9	20°54	14°33	27°50	18° 7	7°58	9°22	5°59	22°36	F 20
S 21	8 1 10	0°46'18	8°36	7° 8	3°13	26°36	3°24	20°57	14°36	27°52	18° 5	7°51	9°19	6° 6	22°37	S 21
S 22	8 5 7	1°47'25	22°28	8°17	4°26	27°21	3°38	21° 0	14°38	27°54	18° 4	7°45	9°16	6°12	22°38	S 22
M23	8 9 3	2°48'31	6°38	9°28	5°40	28° 6	3°52	21° 3	14°41	27°56	18° 3	7°41	9°13	6°19	22°39	M23
T 24	8 13 0	3°49'36	21° 1	10°40	6°54	28°51	4° 6	21° 6	14°44	27°58	18° 2	7°38	9°10	6°26	22°41	T 24
W25	8 16 56	4°50'40	5°32	11°55	8° 7	29°35	4°20	21°10	14°47	28° 0	18° 1	7°D37	9° 7	6°32	22°42	W25
T 26	8 20 53	5°51'44	20° 3	13°11	9°21	0°V20	4°34	21°13	14°50	28° 2	17°59	7°37	9° 3	6°39	22°43	T 26
F 27	8 24 49	6°52'46	4°V31	14°28	10°34	1° 5	4°49	21°17	14°52	28° 5	17°58	7°39	9° 0	6°46	22°44	F 27
S 28	8 28 46	7°53'48	18°52	15°47	11°48	1°49	5° 3	21°21	14°55	28° 7	17°57	7°40	8°57	6°52	22°46	S 28
S 29	8 32 42	8°54'48	3°2	17° 7	13° 1	2°34	5°17	21°25	14°58	28° 9	17°56	7°R41	8°54	6°59	22°47	S 29
M30	8 36 39	9°55'48	17° 1	18°28	14°15	3°19	5°31	21°29	15° 1	28°11	17°55	7°41	8°51	7° 6	22°49	M30
T 31	8 40 36	10°56'46	0°II48	19°351	15°K28	4°V 3	5°45	21°V33	15°K 4	28°13	17°54	7°K40	8°K48	7°12	22°V50	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23s 1	11n50	3n28	20s23	3n 2	19s48	1s44	8s 0	0s52	20s46	0s22	5n33	2s32	7s 4	0s46	12s50
M 2	22 56	17 36	4 16	20 18	3 7	19 28	1 44	7 42	0 50	20 43	0 22	5 34	2 32	7 3	0 45	12 50
T 3	22 50	22 24	4 49	20 15	3 10	19 8	1 44	7 23	0 49	20 40	0 23	5 34	2 32	7 2	0 45	12 49
W 4	22 44	25 55	5 4	20 14	3 11	18 47	1 44	7 5	0 48	20 37	0 23	5 35	2 32	7 1	0 45	12 48
T 5	22 38	27 52	5 2	20 15	3 9	18 26	1 45	6 47	0 47	20 35	0 23	5 36	2 31	7 0	0 45	12 48
F 6	22 31	28 7	4 42	20 18	3 7	18 5	1 45	6 28	0 46	20 32	0 23	5 37	2 31	7 0	0 45	12 47
S 7	22 24	26 42	4 7	20 22	3 2	17 42	1 44	6 10	0 45	20 29	0 23	5 38	2 31	6 59	0 45	12 47
S 8	22 16	23 52	3 20	20 27	2 57	17 20	1 44	5 51	0 44	20 26	0 23	5 39	2 30	6 58	0 45	12 46
M 9	22 8	19 54	2 24	20 34	2 50	16 57	1 44	5 33	0 43	20 23	0 23	5 40	2 30	6 57	0 45	12 45
T 10	22 0	15 8	1 21	20 42	2 43	16 33	1 44	5 14	0 42	20 20	0 23	5 41	2 30	6 56	0 45	12 45
W11	21 51	9 52	0 16	20 50	2 35	16 9	1 43	4 56	0 41	20 17	0 23	5 42	2 30	6 55	0 45	12 44
T 12	21 41	4 19	0s48	20 58	2 26	15 45	1 43	4 37	0 40	20 14	0 23	5 43	2 29	6 54	0 45	12 43
F 13	21 31	1s19	1 50	21 7	2 18	15 20	1 42	4 19	0 39	20 11	0 23	5 44	2 29	6 53	0 45	12 43
S 14	21 21	6 52	2 48	21 17	2 8	14 55	1 42	4 0	0 38	20 8	0 23	5 45	2 29	6 52	0 45	12 42
S 15	21 10	12 11	3 38	21 26	1 59	14 29	1 41	3 41	0 37	20 5	0 23	5 46	2 29	6 51	0 45	12 41
M16	20 59	17 7	4 19	21 35	1 50	14 3	1 40	3 23	0 36	20 2	0 24	5 47	2 28	6 50	0 45	12 41
T 17	20 48	21 27	4 49	21 43	1 40	13 37	1 39	3 4	0 35	19 59	0 24	5 48	2 28	6 49	0 45	12 40
W18	20 36	24 57	5 7	21 51	1 30	13 10	1 38	2 45	0 34	19 56	0 24	5 50	2 28	6 48	0 45	12 39
T 19	20 24	27 19	5 10	21 59	1 21	12 43	1 37	2 27	0 33	19 53	0 24	5 51	2 27	6 47	0 45	12 39
F 20	20 11	28 16	4 57	22 6	1 11	12 15	1 36	2 8	0 32	19 49	0 24	5 52	2 27	6 46	0 45	12 38
S 21	19 58	27 35	4 27	22 12	1 2	11 48	1 35	1 49	0 31	19 46	0 24	5 54	2 27	6 45	0 45	12 37
S 22	19 45	25 11	3 41	22 17	0 53	11 19	1 33	1 30	0 30	19 43	0 24	5 55	2 27	6 44	0 45	12 36
M23	19 31	21 12	2 41	22 22	0 43	10 51	1 32	1 12	0 29	19 40	0 24	5 57	2 26	6 43	0 45	12 36
T 24	19 17	15 53	1 29	22 25	0 34	10 23	1 31	0 53	0 28	19 36	0 24	5 58	2 26	6 42	0 45	12 35
W25	19 2	9 39	0 11	22 28	0 25	9 54	1 29	0 34	0 27	19 33	0 24	6 0	2 26	6 41	0 45	12 34
T 26	18 47	2 54	1n 8	22 30	0 16	9 24	1 27	0 16	0 26	19 30	0 24	6 1	2 26	6 40	0 45	12 34
F 27	18 32	3n58	2 22	22 30	0 8	8 55	1 26	0n 3	0 25	19 27	0 25	6 3	2 25	6 38	0 45	12 33
S 28	18 17	10 34	3 27	22 30	0s 1	8 26	1 24	0 22	0 24	19 23	0 25	6 4	2 25	6 37	0 45	12 32
S 29	18 1	16 34	4 18	22 28	0 9	7 56	1 22	0 40	0 23	19 20	0 25	6 6	2 25	6 36	0 45	12 31
M30	17 45	21 36	4 54	22 25	0 17	7 26	1 20	0 59	0 22	19 17	0 25	6 8	2 25	6 35	0 45	12 31
T 31	17s28	25n23	5n12	22s22	0s25	6s56	1s18	1n17	0s21	19s13	0s25	6n 9	2s24	6s34	0s45	12s30

Julian Day Number = 2515462.5, Delta T = 140.51 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°11'09, Lahiri = 26°18'09

ASTRODIENST EPHEMERIS for the year 2175

geocentric

FEBRUARY 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 32	11 ⁵⁷ 43	14 ¹¹ 21	21 ³¹ 14	16 ¹⁶ 41	4 ¹⁷ 48	5 ⁵⁵ 59	21 ¹⁷ 37	15 ¹⁶ 7	28 ²⁸ 15	17 ¹⁰ R52	7 ¹⁰ R37	8 ¹⁶ 44	7 ¹¹ 19	22 ¹⁷ 52	W 1
T 2	8 48 29	12 ⁵⁸ 39	27 ⁴⁰ 42	22 ³⁰ 38	17 ⁵⁴ 54	5 ³² 32	6 ¹³ 13	21 ⁴¹ 41	15 ¹⁰ 10	28 ¹⁸ 18	17 ⁵¹ 51	7 ¹⁶ 33	8 ⁴¹ 41	7 ²⁶ 26	22 ⁵⁴ 54	T 2
F 3	8 52 25	13 ⁵⁹ 34	10 ⁵⁰ 50	24 ³ 3	19 ⁷ 7	6 ¹⁷ 17	6 ²⁷ 27	21 ⁴⁵ 45	15 ¹³ 13	28 ²⁰ 20	17 ⁵⁰ 50	7 ³⁰ 30	8 ³⁸ 38	7 ³² 32	22 ⁵⁵ 55	F 3
S 4	8 56 22	15 ⁰ 27	23 ⁴⁴ 44	25 ³⁰ 30	20 ²⁰ 20	7 ¹ 1	6 ⁴² 42	21 ⁵⁰ 50	15 ¹⁶ 16	28 ²² 22	17 ⁴⁹ 49	7 ²⁶ 26	8 ³⁵ 35	7 ³⁹ 39	22 ⁵⁷ 57	S 4
S 5	9 0 18	16 ¹ 20	6 ²⁵ 25	26 ⁵⁷ 57	21 ³³ 33	7 ⁴⁶ 46	6 ⁵⁶ 56	21 ⁵⁴ 54	15 ¹⁹ 19	28 ²⁴ 24	17 ⁴⁸ 48	7 ²³ 23	8 ³² 32	7 ⁴⁶ 46	22 ⁵⁹ 59	S 5
M 6	9 4 15	17 ² 11	18 ⁵³ 53	28 ²⁵ 25	22 ⁴⁶ 46	8 ³⁰ 30	7 ¹⁰ 10	21 ⁵⁹ 59	15 ²² 22	28 ²⁷ 27	17 ⁴⁷ 47	7 ²¹ 21	8 ²⁸ 28	7 ⁵² 52	23 ¹ 1	M 6
T 7	9 8 11	18 ³ 01	1 ¹⁰ 9	29 ⁵⁴ 54	23 ⁵⁹ 59	9 ¹⁵ 15	7 ²⁴ 24	22 ³ 3	15 ²⁶ 26	28 ²⁹ 29	17 ⁴⁶ 46	7 ²⁰ 20	8 ²⁵ 25	7 ⁵⁹ 59	23 ³ 3	T 7
W 8	9 12 8	19 ³ 50	13 ¹⁵ 15	1 ²³ 23	25 ¹² 12	9 ⁵⁹ 59	7 ³⁸ 38	22 ⁸ 8	15 ²⁹ 29	28 ³¹ 31	17 ⁴⁵ 45	7 ²⁰ D20	8 ²² 22	8 ⁶ 6	23 ⁵ 5	W 8
T 9	9 16 5	20 ⁴ 38	25 ¹² 12	2 ⁵⁴ 54	26 ²⁴ 24	10 ⁴³ 43	7 ⁵² 52	22 ¹³ 13	15 ³² 32	28 ³³ 33	17 ⁴⁴ 44	7 ²⁰ 20	8 ¹⁹ 19	8 ¹² 12	23 ⁷ 7	T 9
F 10	9 20 1	21 ⁵ 25	7 ¹¹ 3	4 ²⁵ 25	27 ³⁷ 37	11 ²⁸ 28	8 ⁶ 6	22 ¹⁸ 18	15 ³⁵ 35	28 ³⁶ 36	17 ⁴³ 43	7 ²² 22	8 ¹⁶ 16	8 ¹⁹ 19	23 ⁹ 9	F 10
S 11	9 23 58	22 ⁶ 11	18 ⁵¹ 51	5 ⁵⁷ 57	28 ⁴⁹ 49	12 ¹² 12	8 ²⁰ 20	22 ²² 22	15 ³⁸ 38	28 ³⁸ 38	17 ⁴² 42	7 ²³ 23	8 ¹³ 13	8 ²⁶ 26	23 ¹¹ 11	S 11
S 12	9 27 54	23 ⁶ 56	0 ¹¹ 42	7 ³⁰ 30	0 ¹⁷ 2	12 ⁵⁶ 56	8 ³⁴ 34	22 ²⁸ 28	15 ⁴² 42	28 ⁴⁰ 40	17 ⁴¹ 41	7 ²⁵ 25	8 ⁹ 9	8 ³² 32	23 ¹³ 13	S 12
M13	9 31 51	24 ⁷ 40	12 ³⁸ 38	9 ³ 3	1 ¹⁴ 14	13 ⁴⁰ 40	8 ⁴⁸ 48	22 ³³ 33	15 ⁴⁵ 45	28 ⁴² 42	17 ⁴⁰ 40	7 ²⁵ 25	8 ⁶ 6	8 ³⁹ 39	23 ¹⁵ 15	M13
T 14	9 35 47	25 ⁸ 23	24 ⁴⁴ 44	10 ³⁸ 38	2 ²⁶ 26	14 ²⁵ 25	9 ² 2	22 ³⁸ 38	15 ⁴⁸ 48	28 ⁴⁵ 45	17 ³⁹ 39	7 ²⁶ R26	8 ³ 3	8 ⁴⁶ 46	23 ¹⁷ 17	T 14
W15	9 39 44	26 ⁹ 05	7 ¹⁷ 6	12 ¹³ 13	3 ³⁹ 39	15 ⁹ 9	9 ¹⁵ 15	22 ⁴³ 43	15 ⁵¹ 51	28 ⁴⁷ 47	17 ³⁸ 38	7 ²⁶ 26	8 ⁰ 0	8 ⁵² 52	23 ²⁰ 20	W15
T 16	9 43 40	27 ⁹ 45	19 ⁴⁸ 48	13 ⁵⁰ 50	4 ⁵¹ 51	15 ⁵³ 53	9 ²⁹ 29	22 ⁴⁸ 48	15 ⁵⁵ 55	28 ⁴⁹ 49	17 ³⁷ 37	7 ²⁵ 25	7 ⁵⁷ 57	8 ⁵⁹ 59	23 ²² 22	T 16
F 17	9 47 37	28 ¹⁰ 25	2 ⁵³ 53	15 ²⁷ 27	6 ³ 3	16 ³⁷ 37	9 ⁴³ 43	22 ⁵⁴ 54	15 ⁵⁸ 58	28 ⁵² 52	17 ³⁶ 36	7 ²⁴ 24	7 ⁵⁴ 54	9 ⁶ 6	23 ²⁴ 24	F 17
S 18	9 51 34	29 ¹¹ 04	16 ²⁴ 24	17 ⁴ 4	7 ¹⁵ 15	17 ²¹ 21	9 ⁵⁷ 57	22 ⁵⁹ 59	16 ¹ 1	28 ⁵⁴ 54	17 ³⁵ 35	7 ²³ 23	7 ⁵⁰ 50	9 ¹² 12	23 ²⁷ 27	S 18
S 19	9 55 30	0 ¹¹ 41	0 ²¹ 21	18 ⁴³ 43	8 ²⁷ 27	18 ⁵ 5	10 ¹¹ 11	23 ⁵ 5	16 ⁵ 5	28 ⁵⁶ 56	17 ³⁴ 34	7 ²² 22	7 ⁴⁷ 47	9 ¹⁹ 19	23 ²⁹ 29	S 19
M20	9 59 27	1 ¹² 17	14 ⁴² 42	20 ²³ 23	9 ³⁸ 38	18 ⁴⁹ 49	10 ²⁴ 24	23 ¹⁰ 10	16 ⁸ 8	28 ⁵⁸ 58	17 ³³ 33	7 ²¹ 21	7 ⁴⁴ 44	9 ²⁶ 26	23 ³² 32	M20
T 21	10 3 23	2 ¹² 51	29 ²² 22	22 ³ 3	10 ⁵⁰ 50	19 ³³ 33	10 ³⁸ 38	23 ¹⁶ 16	16 ¹¹ 11	29 ¹ 1	17 ³² 32	7 ²¹ 21	7 ⁴¹ 41	9 ³² 32	23 ³⁴ 34	T 21
W22	10 7 20	3 ¹³ 24	14 ¹⁵ 15	23 ⁴⁵ 45	12 ² 2	20 ¹⁷ 17	10 ⁵² 52	23 ²² 22	16 ¹⁵ 15	29 ³ 3	17 ³¹ 31	7 ²⁰ D21	7 ³⁸ 38	9 ³⁹ 39	23 ³⁷ 37	W22
T 23	10 11 16	4 ¹³ 55	29 ¹³ 13	25 ²⁷ 27	13 ¹³ 13	21 ¹ 1	11 ⁵ 5	23 ²⁸ 28	16 ¹⁸ 18	29 ⁵ 5	17 ³¹ 31	7 ²¹ 21	7 ³⁴ 34	9 ⁴⁶ 46	23 ³⁹ 39	T 23
F 24	10 15 13	5 ¹⁴ 25	14 ¹⁷ 8	27 ¹⁰ 10	14 ²⁴ 24	21 ⁴⁴ 44	11 ¹⁹ 19	23 ³⁴ 34	16 ²¹ 21	29 ⁷ 7	17 ³⁰ 30	7 ²¹ 21	7 ³¹ 31	9 ⁵² 52	23 ⁴² 42	F 24
S 25	10 19 9	6 ¹⁴ 53	28 ⁵² 52	28 ⁵⁴ 54	15 ³⁶ 36	22 ²⁸ 28	11 ³² 32	23 ³⁹ 39	16 ²⁵ 25	29 ¹⁰ 10	17 ²⁹ 29	7 ²¹ 21	7 ²⁸ 28	9 ⁵⁹ 59	23 ⁴⁵ 45	S 25
S 26	10 23 6	7 ¹⁵ 18	13 ²⁰ 20	0 ⁴⁰ 40	16 ⁴⁷ 47	23 ¹² 12	11 ⁴⁶ 46	23 ⁴⁵ 45	16 ²⁸ 28	29 ¹² 12	17 ²⁸ 28	7 ²⁰ R21	7 ²⁵ 25	10 ⁵ 5	23 ⁴⁷ 47	S 26
M27	10 27 3	8 ¹⁵ 43	27 ²⁸ 28	2 ²⁶ 26	17 ⁵⁸ 58	23 ⁵⁶ 56	11 ⁵⁹ 59	23 ⁵² 52	16 ³² 32	29 ¹⁴ 14	17 ²⁸ 28	7 ²¹ 21	7 ²² 22	10 ¹² 12	23 ⁵⁰ 50	M27
T 28	10 30 59	9 ¹⁶ 05	11 ¹⁵ 15	4 ¹³ 13	19 ¹⁷ 17	24 ¹⁷ 17	12 ⁵³ 53	23 ⁵⁸ 58	16 ³⁵ 35	29 ¹⁷ 17	17 ²⁷ 27	7 ²⁰ D21	7 ¹⁹ 19	10 ¹⁹ 19	23 ⁵³ 53	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	decl	lat
W 1	17s11	27n40	5n12	22s16	0s32	6s25	1s16	1n36	0s20	19s10	0s25	6n11	2s24	6s33	0s45	12s29	0s27	20n54	1s20	8s42	8s17	5s10	9n29	0n38			
T 2	16 54	28 19	4 55	22 10	0 39	5 55	1 14	1 54	0 19	19 6	0 25	6 13	2 24	6 31	0 45	12 28	0 27	20 54	1 20	8 44	8 18	5 13	9 29	0 38			
F 3	16 37	27 20	4 23	22 3	0 47	5 24	1 12	2 13	0 18	19 3	0 25	6 15	2 24	6 30	0 45	12 28	0 27	20 54	1 20	8 45	8 20	5 17	9 30	0 38			
S 4	16 19	24 54	3 38	21 54	0 53	4 53	1 9	2 31	0 17	19 0	0 25	6 17	2 23	6 29	0 45	12 27	0 27	20 55	1 20	8 46	8 21	5 20	9 30	0 38			
S 5	16 1	21 16	2 42	21 44	1 0	4 22	1 7	2 50	0 16	18 56	0 25	6 19	2 23	6 28	0 45	12 26	0 27	20 55	1 20	8 48	8 22	5 23	9 31	0 38			
M 6	15 43	16 44	1 40	21 33	1 6	3 51	1 4	3 8	0 15	18 53	0 25	6 20	2 23	6 27	0 45	12 25	0 27	20 55	1 20	8 48	8 23	5 27	9 31	0 38			
T 7	15 24	11 35	0 34	21 20	1 12	3 20	1 2	3 26	0 15	18 49	0 26	6 22	2 23	6 25	0 45	12 24	0 27	20 55	1 20	8 49	8 24	5 30	9 32	0 38			
W 8	15 6	6 4	0s33	21 6	1 18	2 49	0 59	3 45	0 14	18 46	0 26	6 24	2 23	6 24	0 45	12 24	0 27	20 56	1 20	8 49	8 26	5 33	9 33	0 37			
T 9	14 47	0 25	1 37	20 51	1 24	2 18	0 57	4 3	0 13	18 42	0 26	6 26	2 22	6 23	0 44	12 23	0 27	20 56	1 20	8 48	8 27	5 37	9 33	0 37			
F 10	14 27	5s12	2 37	20 35	1 29	1 46	0 54	4 21	0 12	18 39	0 26	6 28	2 22	6 22	0 44	12 22	0 27	20 56	1 20	8 48	8 28	5 40	9 34	0 37			
S 11	14 8	10 37	3 30	20 17	1 34	1 15	0 51	4 39	0 11	18 35	0 26	6 30	2 22	6 20	0 44	12 21	0 27	20 56	1 20	8 47	8 29	5 43	9 35	0 37			
S 12	13 48	15 40	4 14	19 58	1 38	0 43	0 48	4 57	0 10	18 32	0 26	6 32	2 22	6 19	0 44	12 21	0 27	20 56	1 19	8 47	8 30	5 47	9 35	0 37			
M13	13 28	20 11	4 48	19 38	1 43	0 12	0 45	5 15	0 9	18 28	0 26	6 34	2 21	6 18	0 44	12 20	0 27	20 57	1 19	8 47	8 31	5 50	9 36	0 37			
T 14	13 8	23 56	5 9	19 16	1 47	0n20	0 42	5 33	0 8	18 24	0 26	6 37	2 21	6 17	0 44	12 19	0 27	20 57	1 19	8 46	8 33	5 53	9 37	0 37			
W15	12 47	26 41	5 17	18 53	1 50	0 51	0 39	5 51	0 7	18 21	0 26	6 39	2 21	6 15	0 44	12 18	0 27	20 57	1 19	8 47	8 34	5 57	9 37	0 37			
T 16	12 27	28 10	5 10	18 29	1 54	1 22	0 36	6 9	0 7	18 17	0 27	6 41	2 21	6 14	0 44	12 17	0 27	20 57	1 19	8 47	8 35	6 0	9 38	0 37			
F 17	12 6	28 10	4 46	18 3	1 57	1 54	0 33	6 26	0 6	18 14	0 27	6 43	2 21	6 13	0 44	12 17	0 27	20 57	1 19	8 47	8 36	6 3	9 39	0 36			
S 18	11 45	26 30	4 7	17 36	1 59	2 25	0 29	6 44	0 5	18 10	0 27	6 45	2 20	6 11	0 44	12 16	0 27	20 58	1 19	8 48	8 37	6 7	9 40	0 36			
S 19	11 24	23 10	3 11	17 8	2 2	2 57	0 26	7 1	0 4	18 7	0 27	6 47	2 20	6 10	0 44	12 15	0 27	20 58	1 19	8 48	8 39	6 10	9 41	0 36			
M20	11 2	18 22	2 3	16 38	2 4	3 28	0 23	7 19	0 3	18 3	0 27	6 50	2 20	6 9	0 44	12 14	0 27	20 58	1 19	8 48	8 40	6 13	9 41	0 36			
T 21	10 41	12 23	0 44	16 7	2 5	3 59	0 19	7 36	0 2	17 59	0 27	6 52	2 20	6 8	0 44	12 14	0 27	20 58	1 19	8 48	8 41	6 17	9 42	0 36			
W22	10 19	5 36	0n38	15 35	2 6	4 30	0 16	7 54	0 2	17 56	0 27	6 54	2 20	6 6	0 44	12 13	0 27	20 58	1 19	8 48	8 42	6 20	9 43	0 36			
T 23	9 57	1n30	1 59	15 1	2 7	5 2	0 12	8 11	0 1	17 52	0 27	6 57	2 19	6 5	0 44	12 12	0 27	20 59	1 19	8 48	8 43	6 23	9 44	0 36			
F 24	9 35	8 30	3 11	14 26	2 7	5 33	0 9	8 28	0n0	17 49	0 27	6 59	2 19	6 4	0 44	12 11	0 27	20 59	1 18	8 48	8 44	6 27	9 45	0 36			
S 25	9 13	14 56	4 9	13 50	2 7	6 3	0 5	8 45	0 1	17 45	0 28	7 1	2 19	6 2	0 44	12 10	0 27	20 59	1 18	8 48	8 46	6 30	9 46	0 36			
S 26	8 50	20 26	4 50	13 12	2 7	6 34	0 1	9 2	0 2	17 41	0 28	7 4	2 19	6 1	0 44	12 10	0 27	20 59	1 18	8 48	8 47	6 33	9 47	0 36			
M27	8 28	24 39	5 13	12 33	2 6	7 5	0n2	9 19	0 3	17 38	0 28	7 6	2 19	6 0	0 44	12 9	0 27	20 59	1 18	8 48	8 48	6 36	9 48	0 36			
T 28	8s 5	27n20	5n17	11s53	2s 4	7n35	0n 6	9n36	0n 3	17s34	0s28	7n 8	2s19	5s58	0s44	12s 8	0s27	20n59	1s18	8s48	8s49	6s40	9n49	0n35			

ASTRODIENST EPHEMERIS for the year 2175
geocentric

MARCH 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 56	10 ¹⁶ 25	24 ¹¹ 42	6 ¹¹ 1	20 ¹⁷ 20	25 ¹⁷ 23	12 ²² 26	24 ¹⁷ 4	16 ¹¹ 39	29 ²² 19	17 ¹⁷ 26	7 ¹¹ 21	7 ¹¹ 15	10 ¹¹ 26	23 ¹⁷ 56	W 1
T 2	10 38 52	11 ¹⁶ 43	7 ¹¹ 39	7 ¹⁷ 50	21 ¹⁷ 30	26 ¹⁷ 7	12 ²⁰ 40	24 ¹⁰ 10	16 ⁴² 10	29 ²¹ 21	17 ²² 25	7 ²² 22	7 ¹² 12	10 ³² 32	23 ⁵⁹ 59	T 2
F 3	10 42 49	12 ¹⁶ 59	20 ³⁸ 13	9 ⁴⁰ 40	22 ⁴¹ 41	26 ⁵⁰ 50	12 ⁵³ 53	24 ¹⁶ 16	16 ⁴⁵ 45	29 ²³ 23	17 ²⁵ 25	7 ²² 22	7 ¹² 9	10 ³⁹ 39	24 ² 2	F 3
S 4	10 46 45	13 ¹⁷ 13	3 ¹¹ 13	11 ³¹ 31	23 ⁵¹ 51	27 ³⁴ 34	13 ⁶ 6	24 ²³ 23	16 ⁴⁹ 49	29 ²⁶ 26	17 ²⁴ 24	7 ²³ 23	7 ¹² 6	10 ⁴⁶ 46	24 ⁵ 5	S 4
S 5	10 50 42	14 ¹⁷ 25	15 ³⁵ 35	13 ²³ 23	25 ² 2	28 ¹⁷ 17	13 ¹⁹ 19	24 ²⁹ 29	16 ⁵² 52	29 ²⁸ 28	17 ²³ 23	7 ²³ 23	7 ¹² 3	10 ⁵² 52	24 ⁸ 8	S 5
M 6	10 54 38	15 ¹⁷ 36	27 ⁴⁷ 47	15 ¹⁶ 16	26 ¹² 12	29 ¹ 1	13 ³² 32	24 ³⁶ 36	16 ⁵⁶ 56	29 ³⁰ 30	17 ²³ 23	7 ²⁴ 24	6 ⁵⁹ 59	10 ⁵⁹ 59	24 ¹¹ 11	M 6
T 7	10 58 35	16 ¹⁷ 44	9 ¹¹ 50	17 ⁹ 9	27 ²² 22	29 ⁴⁴ 44	13 ⁴⁵ 45	24 ⁴² 42	16 ⁵⁹ 59	29 ³² 32	17 ²² 22	7 ²⁴ 24	6 ⁵⁶ 56	11 ⁶ 6	24 ¹⁴ 14	T 7
W 8	11 2 32	17 ¹⁷ 50	21 ⁴⁷ 47	19 ⁴ 4	28 ³² 32	0 ¹¹ 27	13 ⁵⁸ 58	24 ⁴⁹ 49	17 ³ 3	29 ³⁴ 34	17 ²² 22	7 ²³ 23	6 ⁵³ 53	11 ¹² 12	24 ¹⁷ 17	W 8
T 9	11 6 28	18 ¹⁷ 55	3 ¹¹ 39	20 ⁵⁹ 59	29 ⁴¹ 41	1 ¹¹ 11	14 ¹¹ 11	24 ⁵⁵ 55	17 ⁶ 6	29 ³⁷ 37	17 ²¹ 21	7 ²³ 23	6 ⁵⁰ 50	11 ¹⁹ 19	24 ²⁰ 20	T 9
F 10	11 10 25	19 ¹⁷ 58	15 ²⁹ 29	22 ⁵⁵ 55	0 ¹¹ 51	1 ⁵⁴ 54	14 ²⁴ 24	25 ² 2	17 ⁹ 9	29 ³⁹ 39	17 ²¹ 21	7 ²¹ 21	6 ⁴⁷ 47	11 ²⁶ 26	24 ²³ 23	F 10
S 11	11 14 21	20 ¹⁷ 59	27 ¹⁸ 18	24 ⁵² 52	2 ¹ 1	2 ³⁷ 37	14 ³⁷ 37	25 ⁹ 9	17 ¹³ 13	29 ⁴¹ 41	17 ²⁰ 20	7 ¹⁹ 19	6 ⁴⁴ 44	11 ³² 32	24 ²⁶ 26	S 11
S 12	11 18 18	21 ¹⁷ 58	9 ¹¹ 10	26 ⁴⁹ 49	3 ¹⁰ 10	3 ²⁰ 20	14 ⁵⁰ 50	25 ¹⁵ 15	17 ¹⁶ 16	29 ⁴³ 43	17 ²⁰ 20	7 ¹⁷ 17	6 ⁴⁰ 40	11 ³⁹ 39	24 ²⁹ 29	S 12
M13	11 22 14	22 ¹⁷ 56	21 ⁸ 8	28 ⁴⁶ 46	4 ¹⁹ 19	4 ³ 3	15 ³ 3	25 ²² 22	17 ²⁰ 20	29 ⁴⁵ 45	17 ¹⁹ 19	7 ¹⁵ 15	6 ³⁷ 37	11 ⁴⁶ 46	24 ³² 32	M13
T 14	11 26 11	23 ¹⁷ 52	3 ¹¹ 15	0 ¹¹ 44	5 ²⁸ 28	4 ⁴⁶ 46	15 ¹⁵ 15	25 ²⁹ 29	17 ²³ 23	29 ⁴⁷ 47	17 ¹⁹ 19	7 ¹³ 13	6 ³⁴ 34	11 ⁵² 52	24 ³⁶ 36	T 14
W15	11 30 7	24 ¹⁷ 47	15 ³⁴ 34	2 ⁴¹ 41	6 ³⁷ 37	5 ³⁰ 30	15 ²⁸ 28	25 ³⁶ 36	17 ²⁷ 27	29 ⁴⁹ 49	17 ¹⁸ 18	7 ¹² 12	6 ³¹ 31	11 ⁵⁹ 59	24 ³⁹ 39	W15
T 16	11 34 4	25 ¹⁷ 40	28 ¹¹ 11	4 ³⁸ 38	7 ⁴⁶ 46	6 ¹³ 13	15 ⁴⁰ 40	25 ⁴³ 43	17 ³⁰ 30	29 ⁵² 52	17 ¹⁸ 18	7 ¹² 12	6 ²⁸ 28	12 ⁶ 6	24 ⁴² 42	T 16
F 17	11 38 1	26 ¹⁷ 31	11 ¹¹ 10	6 ³⁵ 35	8 ⁵⁴ 54	6 ⁵⁶ 56	15 ⁵³ 53	25 ⁵⁰ 50	17 ³³ 33	29 ⁵⁴ 54	17 ¹⁸ 18	7 ¹³ 13	6 ²⁵ 25	12 ¹² 12	24 ⁴⁵ 45	F 17
S 18	11 41 57	27 ¹⁷ 20	24 ³² 32	8 ³⁰ 30	10 ³ 3	7 ³⁸ 38	16 ⁵ 5	25 ⁵⁷ 57	17 ³⁷ 37	29 ⁵⁶ 56	17 ¹⁷ 17	7 ¹⁴ 14	6 ²¹ 21	12 ¹⁹ 19	24 ⁴⁹ 49	S 18
S 19	11 45 54	28 ¹⁷ 08	8 ²¹ 21	10 ²⁴ 24	11 ¹¹ 11	8 ²¹ 21	16 ¹⁷ 17	26 ⁴ 4	17 ⁴⁰ 40	29 ⁵⁸ 58	17 ¹⁷ 17	7 ¹⁵ 15	6 ¹⁸ 18	12 ²⁶ 26	24 ⁵² 52	S 19
M20	11 49 50	29 ¹⁶ 54	22 ³⁸ 38	12 ¹⁷ 17	12 ¹⁹ 19	9 ⁴ 4	16 ³⁰ 30	26 ¹¹ 11	17 ⁴⁴ 44	29 ⁵⁹ 59	17 ¹⁷ 17	7 ¹⁶ 16	6 ¹⁵ 15	12 ³² 32	24 ⁵⁵ 55	M20
T 21	11 53 47	0 ¹¹ 16	7 ¹¹ 18	14 ⁷ 7	13 ²⁷ 27	9 ⁴⁷ 47	16 ⁴² 42	26 ¹⁸ 18	17 ⁴⁷ 47	0 ¹¹ 2	17 ¹⁷ 17	7 ¹⁷ 17	6 ¹² 12	12 ³⁹ 39	24 ⁵⁹ 59	T 21
W22	11 57 43	1 ¹⁶ 21	22 ¹⁹ 19	15 ⁵⁴ 54	14 ³⁴ 34	10 ³⁰ 30	16 ⁵⁴ 54	26 ²⁵ 25	17 ⁵⁰ 50	0 ⁴ 4	17 ¹⁶ 16	7 ¹⁶ 16	6 ⁹ 9	12 ⁴⁶ 46	25 ² 2	W22
T 23	12 1 40	2 ¹⁶ 01	7 ¹¹ 30	17 ³⁹ 39	15 ⁴² 42	11 ¹³ 13	17 ⁶ 6	26 ³² 32	17 ⁵⁴ 54	0 ⁶ 6	17 ¹⁶ 16	7 ¹⁵ 15	6 ⁵ 5	12 ⁵² 52	25 ⁶ 6	T 23
F 24	12 5 36	3 ¹⁵ 39	22 ⁴⁴ 44	19 ²⁰ 20	16 ⁴⁹ 49	11 ⁵⁵ 55	17 ¹⁸ 18	26 ⁴⁰ 40	17 ⁵⁷ 57	0 ⁸ 8	17 ¹⁶ 16	7 ¹² 12	6 ² 2	12 ⁵⁹ 59	25 ⁹ 9	F 24
S 25	12 9 33	4 ¹⁵ 16	7 ¹¹ 49	20 ⁵⁷ 57	17 ⁵⁶ 56	12 ³⁸ 38	17 ³⁰ 30	26 ⁴⁷ 47	18 ⁰ 0	0 ¹⁰ 10	17 ¹⁶ 16	7 ⁸ 8	5 ⁵⁹ 59	13 ⁶ 6	25 ¹³ 13	S 25
S 26	12 13 30	5 ¹⁴ 50	22 ³⁷ 37	22 ³⁰ 30	19 ³ 3	13 ²¹ 21	17 ⁴¹ 41	26 ⁵⁴ 54	18 ⁴ 4	0 ¹² 12	17 ¹⁶ 16	7 ⁴ 4	5 ⁵⁶ 56	13 ¹² 12	25 ¹⁶ 16	S 26
M27	12 17 26	6 ¹⁴ 22	7 ¹¹ 1	23 ⁵⁷ 57	20 ¹⁰ 10	14 ³ 3	17 ⁵³ 53	27 ¹ 1	18 ⁷ 7	0 ¹⁴ 14	17 ¹⁶ 16	7 ⁰ 0	5 ⁵³ 53	13 ¹⁹ 19	25 ²⁰ 20	M27
T 28	12 21 23	7 ¹³ 51	20 ⁵⁸ 58	25 ²⁰ 20	21 ¹⁶ 16	14 ⁴⁶ 46	18 ⁵ 5	27 ⁹ 9	18 ¹⁰ 10	0 ¹⁶ 16	17 ¹⁵ 15	6 ⁵⁸ 58	5 ⁵⁰ 50	13 ²⁶ 26	25 ²³ 23	T 28
W29	12 25 19	8 ¹³ 19	4 ¹¹ 28	26 ³⁷ 37	22 ²³ 23	15 ²⁸ 28	18 ¹⁶ 16	27 ¹⁶ 16	18 ¹⁴ 14	0 ¹⁸ 18	17 ¹⁵ 15	6 ⁵⁷ 57	5 ⁴⁶ 46	13 ³² 32	25 ²⁷ 27	W29
T 30	12 29 16	9 ¹² 44	17 ³³ 33	27 ⁴⁸ 48	23 ²⁹ 29	16 ¹¹ 11	18 ²⁸ 28	27 ²³ 23	18 ¹⁷ 17	0 ²⁰ 20	17 ¹⁵ 15	6 ⁵⁷ 57	5 ⁴³ 43	13 ³⁹ 39	25 ³⁰ 30	T 30
F 31	12 33 12	10 ¹² 06	0 ¹¹ 16	28 ¹⁷ 53	24 ¹¹ 35	16 ¹¹ 53	18 ²⁸ 39	27 ¹¹ 31	18 ¹¹ 20	0 ¹¹ 21	17 ¹⁵ 15	6 ¹¹ 58	5 ¹¹ 40	13 ⁴⁶ 46	25 ¹⁷ 34	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	decl	lat	decl	lat
W 1	7s43	28n22	5n 3	11s12	2s 2	8n 5	0n10	9n52	0n 4	17s30	0s28	7n11	2s18	5s57	0s44	12s 7	0s27	21n 0	1s18	8s48	8s50	6s43	9n50	0n35									
T 2	7 20	27 45	4 34	10 29	2 0	8 35	0 14	10 9	0 5	17 27	0 28	7 13	2 18	5 56	0 44	12 7	0 27	21 0	1 18	8 48	8 52	6 46	9 50	0 35									
F 3	6 57	25 39	3 52	9 45	1 57	9 5	0 18	10 25	0 6	17 23	0 28	7 16	2 18	5 54	0 44	12 6	0 27	21 0	1 18	8 48	8 53	6 50	9 51	0 35									
S 4	6 34	22 19	2 59	9 0	1 54	9 35	0 22	10 42	0 6	17 19	0 28	7 18	2 18	5 53	0 44	12 5	0 27	21 0	1 18	8 48	8 54	6 53	9 52	0 35									
S 5	6 11	18 2	1 58	8 13	1 50	10 5	0 26	10 58	0 7	17 16	0 29	7 21	2 18	5 52	0 44	12 4	0 27	21 0	1 18	8 47	8 55	6 56	9 53	0 35									
M 6	5 47	13 4	0 53	7 25	1 45	10 34	0 30	11 14	0 8	17 12	0 29	7 23	2 18	5 50	0 44	12 3	0 27	21 0	1 18	8 47	8 56	7 0	9 54	0 35									
T 7	5 24	7 40	0s14	6 37	1 40	11 3	0 34	11 30	0 9	17 9	0 29	7 26	2 17	5 49	0 44	12 3	0 27	21 1	1 18	8 47	8 57	7 3	9 56	0 35									
W 8	5 1	2 3	1 19	5 47	1 35	11 32	0 38	11 46	0 10	17 5	0 29	7 28	2 17	5 48	0 44	12 2	0 27	21 1	1 17	8 47	8 59	7 6	9 57	0 35									
T 9	4 37	3s36	2 21	4 56	1 29	12 0	0 42	12 2	0 10	17 1	0 29	7 31	2 17	5 46	0 44	12 1	0 27	21 1	1 17	8 48	9 0	7 9	9 58	0 35									
F 10	4 14	9 6	3 16	4 4	1 22	12 29	0 46	12 18	0 11	16 58	0 29	7 33	2 17	5 45	0 44	12 0	0 27	21 1	1 17	8 48	9 1	7 13	9 59	0 34									
S 11	3 50	14 16	4 3	3 11	1 15	12 57	0 50	12 33	0 12	16 54	0 29	7 36	2 17	5 44	0 44	12 0	0 27	21 1	1 17	8 49	9 2	7 16	10 0	0 34									
S 12	3 27	18 57	4 39	2 17	1 7	13 24	0 54	12 49	0 12	16 51	0 29	7 38	2 17	5 42	0 44	11 59	0 27	21 1	1 17	8 50	9 3	7 19	10 1	0 34									
M13	3 3	22 54	5 4	1 23	0 58	13 52	0 58	13 4	0 13	16 47	0 30	7 41	2 17	5 41	0 44	11 58	0 27	21 2	1 17	8 50	9 4	7 23	10 2	0 34									
T 14	2 40	25 56	5 15	0 28	0 49	14 19	1 2	13 19	0 14	16 43	0 30	7 44	2 16	5 40	0 44	11 57	0 27	21 2	1 17	8 51	9 6	7 26	10 3	0 34									
W15	2 16	27 49	5 13	0n28	0 40	14 46	1 6	13 34	0 15	16 40	0 30	7 46	2 16	5 38	0 44	11 57	0 27	21 2	1 17	8 51	9 7	7 29	10 4	0 34									
T 16	1 52	28 20	4 55	1 23	0 30	15 12	1 11	13 49	0 15	16 36	0 30	7 49	2 16	5 37	0 44	11 56	0 27	21 2	1 17	8 52	9 8	7 32	10 5	0 34									
F 17	1 28	27 18	4 22	2 19	0 19	15 38	1 15	14 4	0 16	16 33	0 30	7 51	2 16	5 36	0 44	11 55	0 27	21 2	1 17	8 51	9 9	7 36	10 6	0 34									
S 18	1 5	24 43	3 35	3 15	0 8	16 4	1 19	14 19	0 17	16 29	0 30	7 54	2 16	5 34	0 44	11 55	0 27	21 2	1 17	8 51	9 10	7 39	10 8	0 34									
S 19	0 41	20 37	2 33	4 10	0n 3	16 29	1 23	14 33	0 17	16 26	0 30	7 57	2 16	5 33	0 44	11 54	0 27	21 2	1 16	8 50	9 11	7 42	10 9	0 34									
M20	0 17	15 13	1 20	5 5	0 15	16 54	1 27	14 48	0 18	16 22	0 31	7 59	2 16	5 32	0 44	11 53	0 27	21 2	1 16	8 50	9 13	7 45	10 10	0 34									
T 21	0n 7	8 49	0n 0	5 59	0 27	17 19	1 32	15 2	0 19	16 18	0 31	8 2	2 16	5 30	0 44	11 52	0 27	21 3	1 16	8 50	9 14	7 49	10 11	0 34									
W22	0 30	1 48	1 22	6 52	0 40	17 43	1 36	15 16	0 19	16 15	0 31	8 5	2 16	5 29	0 44	11 52	0 27	21 3	1 16	8 50	9 15	7 52	10 12	0 33									
T 23	0 54	5n24	2 39	7 43	0 52	18 7	1 40	15 30	0 20	16 11	0 31	8 7	2 15	5 28	0 44	11 51	0 27	21 3	1 16	8 51	9 16	7 55	10 13	0 33									
F 24	1 18	12 18	3 44	8 33	1 4	18 31	1 44	15 44	0 21	16 8	0 31	8 10	2 15	5 26	0 44	11 50	0 27	21 3	1 16	8 52	9 17	7 59	10 15	0 33									
S 25	1 41	18 25	4 34	9 22	1 17	18 54	1 48	15 57	0 21	16 5	0 31	8 13	2 15	5 25	0 44	11 50	0 27	21 3	1 16	8 53	9 19	8 2	10 16	0 33									
S 26	2 5	23 18	5 4	10 8	1 29	19 16	1 52	16 11	0 22	16 1	0 32	8 15	2 15	5 24	0 44	11 49	0 27	21 3	1 16	8 55	9 20	8 5	10 17	0 33									
M27	2 29	26 37	5 13	10 52	1 41	19 38	1 56	16 24	0 23	15 58	0 32	8 18	2 15	5 22	0 44	11 48	0 27	21 3	1 16	8 56	9 21	8 8	10 18	0 33									
T 28	2 52	28 10	5 4	11 33	1 53	20 0	2 0	16 37	0 23	15 54	0 32	8 21	2 15	5 21	0 44	11 48	0 27	21 3	1 16	8 57	9 22	8 12	10 19	0 33									
W29	3 16	27 59	4 38	12 12	2 5	20 21	2 4	16 50	0 24	15 51	0 32	8 24	2 15	5 20	0 44	11 47	0 27	21 3	1 16	8 57	9 23	8 15	10 21	0 33									
T 30	3 39	26 12	3 58	12 47	2 16	20 42	2 8	17 3	0 25	15 47	0 32	8 26	2 15	5 19	0 44	11 46	0 27	21 4	1 15	8 57	9 24	8 18	10 22	0 33									
F 31	4n 2	23n 8	3n 8	13n20	2n26	21n 2	2n12	17n16	0n25	15s44	0s32	8n29	2s15	5s17	0s44	11s46	0s27	21n 4	1s15	8s57	9s26	8s21	10n23	0n33									

ASTRODIENST EPHEMERIS for the year 2175

geocentric

APRIL 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 9	11°11'26	12°40	29°51	25°40	17°35	18°50	27°38	18°23	0°23	17°15	7°0	5°37	13°52	25°37	S 1
S 2	12 41 5	12°10'44	24°51	0°42	26°45	18°18	19°1	27°46	18°27	0°25	17°15	7°2	5°34	13°59	25°41	S 2
M 3	12 45 2	13°10'00	6°51	1°27	27°50	19°0	19°13	27°53	18°30	0°27	17°15	7°R 2	5°31	14°6	25°44	M 3
T 4	12 48 59	14°9'13	18°45	2°4	28°55	19°42	19°24	28°1	18°33	0°29	17°15	7°2	5°27	14°12	25°48	T 4
W 5	12 52 55	15°8'25	0°36	2°34	29°59	20°24	19°34	28°8	18°36	0°30	17°16	6°59	5°24	14°19	25°52	W 5
T 6	12 56 52	16°7'34	12°25	2°57	1°11 4	21°7	19°45	28°16	18°39	0°32	17°16	6°55	5°21	14°26	25°55	T 6
F 7	13 0 48	17°6'41	24°15	3°13	2°8	21°49	19°56	28°23	18°43	0°34	17°16	6°48	5°18	14°32	25°59	F 7
S 8	13 4 45	18°5'46	6°8	3°22	3°12	22°31	20°6	28°31	18°46	0°36	17°16	6°41	5°15	14°39	26°3	S 8
S 9	13 8 41	19°4'49	18°5	3°R24	4°15	23°13	20°17	28°38	18°49	0°37	17°16	6°33	5°11	14°46	26°6	S 9
M10	13 12 38	20°3'51	0°7 9	3°19	5°18	23°55	20°27	28°46	18°52	0°39	17°16	6°25	5°8	14°52	26°10	M10
T 11	13 16 34	21°2'50	12°21	3°7	6°21	24°37	20°37	28°53	18°55	0°41	17°17	6°18	5°5	14°59	26°14	T 11
W12	13 20 31	22°1'48	24°44	2°50	7°23	25°19	20°48	29°1	18°58	0°42	17°17	6°13	5°2	15°6	26°17	W12
T 13	13 24 27	23°0'44	7°321	2°27	8°25	26°0	20°58	29°9	19°1	0°44	17°17	6°9	4°59	15°12	26°21	T 13
F 14	13 28 24	23°59'38	20°15	1°58	9°27	26°42	21°8	29°16	19°4	0°45	17°18	6°D 8	4°56	15°19	26°25	F 14
S 15	13 32 21	24°58'31	3°30	1°26	10°29	27°24	21°17	29°24	19°7	0°47	17°18	6°8	4°52	15°26	26°28	S 15
S 16	13 36 17	25°57'22	1°9	0°49	11°30	28°6	21°27	29°32	19°10	0°48	17°18	6°9	4°49	15°32	26°32	S 16
M17	13 40 14	26°56'11	1°12	0°10	12°30	28°47	21°37	29°39	19°13	0°50	17°19	6°R10	4°46	15°39	26°36	M17
T 18	13 44 10	27°54'58	15°41	29°Y28	13°31	29°29	21°46	29°47	19°15	0°51	17°19	6°10	4°43	15°46	26°39	T 18
W19	13 48 7	28°53'43	0°Y33	28°45	14°31	0°111	21°56	29°54	19°18	0°53	17°20	6°8	4°40	15°52	26°43	W19
T 20	13 52 3	29°52'27	15°40	28°1	15°30	0°52	22°5	0°8 2	19°21	0°54	17°20	6°3	4°36	15°59	26°47	T 20
F 21	13 56 0	0°51'09	0°55	27°17	16°29	1°34	22°14	0°10	19°24	0°55	17°20	5°56	4°33	16°6	26°50	F 21
S 22	13 59 56	1°49'49	16°6	26°35	17°28	2°15	22°23	0°17	19°27	0°57	17°21	5°48	4°30	16°13	26°54	S 22
S 23	14 3 53	2°48'27	1°11 4	25°54	18°26	2°57	22°32	0°25	19°29	0°58	17°21	5°39	4°27	16°19	26°58	S 23
M24	14 7 50	3°47'03	15°40	25°16	19°24	3°38	22°41	0°33	19°32	0°59	17°22	5°31	4°24	16°26	27°1	M24
T 25	14 11 46	4°45'37	29°47	24°40	20°21	4°20	22°49	0°40	19°35	1°1	17°23	5°25	4°21	16°33	27°5	T 25
W26	14 15 43	5°44'09	13°25	24°9	21°18	5°1	22°58	0°48	19°37	1°2	17°23	5°20	4°17	16°39	27°8	W26
T 27	14 19 39	6°42'38	26°35	23°41	22°14	5°42	23°6	0°56	19°40	1°3	17°24	5°18	4°14	16°46	27°12	T 27
F 28	14 23 36	7°41'06	9°19	23°17	23°10	6°24	23°14	1°3	19°43	1°4	17°24	5°D17	4°11	16°53	27°16	F 28
S 29	14 27 32	8°39'31	21°42	22°58	24°5	7°5	23°22	1°11	19°45	1°5	17°25	5°18	4°8	16°59	27°19	S 29
S 30	14 31 29	9°37'54	3°49	22°Y44	25°11 0	7°1146	23°30	1°18	19°48	1°7	17°26	5°R18	4°5	17°11 6	27°Y23	S 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
S 1	4n25	19n 4	2n 9	13n50	2n35	21n22	2n16	17n29	0n26	15s41	0s32	8n32	2s15	5s16	0s44	11s45	0s27	21n 4	1s15	8s56	9s27	8s24	10n24	0n33			
S 2	4 49	14 16	1 6	14 16	2 44	21 41	2 20	17 41	0 26	15 37	0 33	8 34	2 15	5 15	0 44	11 45	0 27	21 4	1 15	8 55	9 28	8 28	10 25	0 33			
M 3	5 12	9 0	0 1	14 39	2 51	22 0	2 24	17 53	0 27	15 34	0 33	8 37	2 15	5 14	0 44	11 44	0 27	21 4	1 15	8 55	9 29	8 31	10 27	0 32			
T 4	5 35	3 28	1s 3	14 58	2 58	22 19	2 28	18 5	0 28	15 31	0 33	8 40	2 14	5 12	0 44	11 43	0 27	21 4	1 15	8 55	9 30	8 34	10 28	0 32			
W 5	5 58	2s 9	2 5	15 14	3 4	22 36	2 32	18 17	0 28	15 28	0 33	8 43	2 14	5 11	0 44	11 43	0 27	21 4	1 15	8 56	9 31	8 37	10 29	0 32			
T 6	6 20	7 40	3 0	15 26	3 8	22 54	2 36	18 29	0 29	15 24	0 33	8 45	2 14	5 10	0 44	11 42	0 27	21 4	1 15	8 58	9 33	8 41	10 30	0 32			
F 7	6 43	12 56	3 48	15 34	3 11	23 10	2 39	18 41	0 29	15 21	0 34	8 48	2 14	5 9	0 45	11 41	0 27	21 4	1 15	9 0	9 34	8 44	10 32	0 32			
S 8	7 5	17 44	4 26	15 38	3 13	23 26	2 43	18 52	0 30	15 18	0 34	8 51	2 14	5 8	0 45	11 41	0 27	21 4	1 15	9 3	9 35	8 47	10 33	0 32			
S 9	7 28	21 53	4 53	15 39	3 13	23 42	2 46	19 3	0 31	15 15	0 34	8 53	2 14	5 6	0 45	11 40	0 27	21 4	1 15	9 6	9 36	8 50	10 34	0 32			
M10	7 50	25 9	5 7	15 36	3 12	23 57	2 50	19 14	0 31	15 12	0 34	8 56	2 14	5 5	0 45	11 40	0 28	21 4	1 14	9 9	9 37	8 54	10 35	0 32			
T 11	8 12	27 19	5 7	15 30	3 9	24 12	2 53	19 25	0 32	15 9	0 34	8 59	2 14	5 4	0 45	11 39	0 28	21 4	1 14	9 12	9 38	8 57	10 37	0 32			
W12	8 34	28 11	4 53	15 20	3 4	24 26	2 57	19 36	0 32	15 6	0 34	9 2	2 14	5 3	0 45	11 39	0 28	21 5	1 14	9 14	9 39	9 0	10 38	0 32			
T 13	8 56	27 37	4 24	15 6	2 58	24 39	3 0	19 46	0 33	15 3	0 35	9 4	2 14	5 2	0 45	11 38	0 28	21 5	1 14	9 15	9 41	9 3	10 39	0 32			
F 14	9 18	25 33	3 42	14 49	2 51	24 52	3 3	19 57	0 33	15 0	0 35	9 7	2 14	5 1	0 45	11 38	0 28	21 5	1 14	9 15	9 42	9 6	10 40	0 32			
S 15	9 40	22 3	2 47	14 29	2 42	25 4	3 6	20 7	0 34	14 57	0 35	9 10	2 14	4 59	0 45	11 37	0 28	21 5	1 14	9 15	9 43	9 10	10 42	0 32			
S 16	10 1	17 17	1 41	14 7	2 32	25 16	3 10	20 17	0 34	14 54	0 35	9 12	2 14	4 58	0 45	11 37	0 28	21 5	1 14	9 15	9 44	9 13	10 43	0 32			
M17	10 22	11 27	0 27	13 42	2 20	25 27	3 13	20 26	0 35	14 51	0 35	9 15	2 14	4 57	0 45	11 36	0 28	21 5	1 14	9 14	9 45	9 16	10 44	0 31			
T 18	10 43	4 51	0n51	13 15	2 7	25 38	3 15	20 36	0 35	14 48	0 35	9 18	2 14	4 56	0 45	11 36	0 28	21 5	1 14	9 15	9 46	9 19	10 45	0 31			
W19	11 4	2n10	2 7	12 47	1 53	25 48	3 18	20 45	0 36	14 45	0 36	9 20	2 14	4 55	0 45	11 35	0 28	21 5	1 14	9 15	9 48	9 22	10 47	0 31			
T 20	11 25	9 10	3 16	12 17	1 38	25 58	3 21	20 55	0 37	14 42	0 36	9 23	2 14	4 54	0 45	11 35	0 28	21 5	1 14	9 17	9 49	9 26	10 48	0 31			
F 21	11 46	15 42	4 11	11 47	1 22	26 7	3 24	21 4	0 37	14 39	0 36	9 26	2 14	4 53	0 45	11 34	0 28	21 5	1 13	9 20	9 50	9 29	10 49	0 31			
S 22	12 6	21 14	4 48	11 16	1 6	26 15	3 26	21 12	0 38	14 37	0 36	9 28	2 14	4 52	0 45	11 34	0 28	21 5	1 13	9 23	9 51	9 32	10 51	0 31			
S 23	12 26	25 19	5 4	10 46	0 49	26 23	3 28	21 21	0 38	14 34	0 36	9 31	2 14	4 51	0 45	11 33	0 28	21 5	1 13	9 26	9 52	9 35	10 52	0 31			
M24	12 46	27 38	5 1	10 16	0 32	26 30	3 31	21 30	0 39	14 31	0 37	9 34	2 14	4 50	0 45	11 33	0 28	21 5	1 13	9 29	9 53	9 38	10 53	0 31			
T 25	13 6	28 3	4 38	9 47	0 15	26 36	3 33	21 38	0 39	14 29	0 37	9 36	2 14	4 49	0 45	11 32	0 28	21 5	1 13	9 31	9 55	9 42	10 54	0 31			
W26	13 25	26 44	4 1	9 20	0s 2	26 43	3 35	21 46	0 40	14 26	0 37	9 39	2 14	4 48	0 45	11 32	0 28	21 5	1 13	9 33	9 56	9 45	10 56	0 31			
T 27	13 45	23 57	3 12	8 54	0 18	26 48	3 37	21 54	0 40	14 24	0 37	9 42	2 14	4 47	0 45	11 32	0 28	21 5	1 13	9 34	9 57	9 48	10 57	0 31			
F 28	14 4	20 4	2 14	8 30	0 35	26 53	3 39	22 1	0 40	14 21	0 37	9 44	2 14	4 46	0 45	11 31	0 28	21 5	1 13	9 34	9 58	9 51	10 58	0 31			
S 29	14 23	15 24	1 12	8 9	0 50	26 57	3 40	22 9	0 41	14 19	0 38	9 47	2 14	4 45	0 45	11 31	0 28	21 5	1 13	9 34	9 59	9 54	10 59	0 31			
S 30	14n41	10n14	0n 8	7n49	1s 5	27n 1	3n42	22n16	0n41	14s16	0s38	9n49	2s14	4s44	0s45	11s30	0s28	21n 5	1s13	9s33	10s 0	9s57	11n 1	0n31			

ASTRODIENST EPHEMERIS for the year 2175

geocentric

MAY 2175

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 35 25	10♈36°15	15♎45	22°R35	25♏54	8♏27	23♏38	1♏26	19♏50	1♏8	17♏27	5°R18	4♏2	17♏13	27°V27	M 1
T 2	14 39 22	11°34'33	27°35	22°D30	26°47	9°8	23°46	1°33	19°53	1°9	17°27	5♏15	3°58	17°19	27°30	T 2
W 3	14 43 19	12°32'50	9♏23	22°Y30	27°40	9°49	23°53	1°41	19°55	1°10	17°28	5°10	3°55	17°26	27°34	W 3
T 4	14 47 15	13°31'05	21°13	22°36	28°32	10°30	24°1	1°49	19°57	1°11	17°29	5°3	3°52	17°33	27°37	T 4
F 5	14 51 12	14°29'18	3♏6	22°45	29°24	11°11	24°8	1°56	20°0	1°12	17°30	4°53	3°49	17°39	27°41	F 5
S 6	14 55 8	15°27'30	15°5	23°0	0♏15	11°52	24°15	2°4	20°2	1°13	17°30	4°41	3°46	17°46	27°44	S 6
S 7	14 59 5	16°25'39	27°11	23°19	1°5	12°33	24°22	2°11	20°4	1°13	17°31	4°28	3°42	17°53	27°48	S 7
M 8	15 3 1	17°23'47	9♏25	23°43	1°54	13°14	24°29	2°19	20°6	1°14	17°32	4°15	3°39	17°59	27°51	M 8
T 9	15 6 8	18°21'54	21°48	24°11	2°42	13°55	24°35	2°26	20°9	1°15	17°33	4°4	3°36	18°6	27°55	T 9
W10	15 10 54	19°19'59	4♏22	24°43	3°30	14°35	24°42	2°33	20°11	1°16	17°34	3°55	3°33	18°13	27°58	W10
T 11	15 14 51	20°18'02	17°7	25°19	4°17	15°16	24°48	2°41	20°13	1°17	17°35	3°48	3°30	18°19	28°2	T 11
F 12	15 18 48	21°16'04	0♏6	25°59	5°3	15°57	24°54	2°48	20°15	1°18	17°36	3°45	3°27	18°26	28°5	F 12
S 13	15 22 44	22°14'05	13°21	26°43	5°48	16°38	25°0	2°56	20°17	1°18	17°37	3°43	3°23	18°33	28°9	S 13
S 14	15 26 41	23°12'04	26°54	27°30	6°32	17°18	25°6	3°3	20°19	1°19	17°38	3°43	3°20	18°40	28°12	S 14
M15	15 30 37	24°10'02	10♏47	28°21	7°15	17°59	25°12	3°10	20°21	1°20	17°39	3°43	3°17	18°46	28°16	M15
T 16	15 34 34	25°7'59	25°2	29°15	7°58	18°39	25°17	3°18	20°23	1°20	17°40	3°42	3°14	18°53	28°19	T 16
W17	15 38 30	26°5'55	9♏Y36	0♏12	8°39	19°20	25°23	3°25	20°25	1°21	17°41	3°38	3°11	19°0	28°22	W17
T 18	15 42 27	27°3'49	24°27	1°13	9°19	20°0	25°28	3°32	20°26	1°21	17°42	3°32	3°8	19°6	28°26	T 18
F 19	15 46 23	28°1'42	9♏27	2°16	9°58	20°41	25°33	3°39	20°28	1°22	17°43	3°24	3°4	19°13	28°29	F 19
S 20	15 50 20	28°59'34	24°27	3°22	10°36	21°21	25°38	3°47	20°30	1°22	17°44	3°13	3°1	19°20	28°32	S 20
S 21	15 54 17	29°57'24	9♏19	4°31	11°12	22°2	25°42	3°54	20°32	1°23	17°45	3°2	2°58	19°26	28°36	S 21
M22	15 58 13	0♏55'13	23°52	5°43	11°48	22°42	25°47	4°1	20°33	1°23	17°46	2°51	2°55	19°33	28°39	M22
T 23	16 2 10	1°53'00	8♏1	6°58	12°22	23°22	25°51	4°8	20°35	1°24	17°47	2°42	2°52	19°40	28°42	T 23
W24	16 6 6	2°50'46	21°43	8°15	12°54	24°3	25°56	4°15	20°37	1°24	17°48	2°35	2°48	19°46	28°45	W24
T 25	16 10 3	3°48'30	4♏56	9°34	13°26	24°43	26°0	4°22	20°38	1°24	17°49	2°31	2°45	19°53	28°48	T 25
F 26	16 13 59	4°46'13	17°44	10°56	13°55	25°23	26°3	4°29	20°40	1°25	17°51	2°29	2°42	20°0	28°51	F 26
S 27	16 17 56	5°43'54	0♏9	12°21	14°24	26°3	26°7	4°36	20°41	1°25	17°52	2°29	2°39	20°6	28°55	S 27
S 28	16 21 53	6°41'33	12°17	13°48	14°50	26°43	26°10	4°43	20°42	1°25	17°53	2°29	2°36	20°13	28°58	S 28
M29	16 25 49	7°39'11	24°14	15°18	15°15	27°24	26°14	4°50	20°44	1°25	17°54	2°28	2°33	20°20	29°1	M29
T 30	16 29 46	8°36'47	6♏5	16°50	15°39	28°4	26°17	4°56	20°45	1°25	17°55	2°25	2°29	20°27	29°4	T 30
W31	16 33 42	9♏34'22	17♏54	18♏24	16♏0	28♏44	26♏20	5♏3	20♏46	1♏26	17♏57	2♏20	2♏26	20♏33	29♏7	W31

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
M 1	14n59	4n46	0s55	7n33	1s20	27n 4	3n43	22n23	0n42	14s14	0s38	9n52	2s14	4s43	0s45	11s30	0s28	21n 5	1s13	9s34	10s 1	10s 1	11n 2	0n31			
T 2	15 18	0s49	1 56	7 18	1 33	27 7	3 45	22 30	0 42	14 11	0 38	9 55	2 14	4 42	0 45	11 30	0 28	21 5	1 12	9 35	10 3	10 4	11 3	0 30			
W 3	15 35	6 20	2 51	7 6	1 46	27 9	3 46	22 37	0 43	14 9	0 39	9 57	2 14	4 41	0 45	11 29	0 28	21 5	1 12	9 36	10 4	10 7	11 4	0 30			
T 4	15 53	11 38	3 39	6 57	1 58	27 11	3 47	22 43	0 43	14 7	0 39	10 0	2 14	4 40	0 45	11 29	0 28	21 5	1 12	9 39	10 5	10 10	11 5	0 30			
F 5	16 10	16 33	4 17	6 51	2 9	27 12	3 47	22 49	0 44	14 5	0 39	10 2	2 14	4 39	0 45	11 29	0 28	21 5	1 12	9 43	10 6	10 13	11 7	0 30			
S 6	16 27	20 52	4 44	6 46	2 20	27 13	3 48	22 55	0 44	14 3	0 39	10 5	2 14	4 38	0 45	11 28	0 28	21 5	1 12	9 47	10 7	10 16	11 8	0 30			
S 7	16 44	24 21	4 59	6 45	2 29	27 13	3 48	23 1	0 45	14 1	0 39	10 7	2 14	4 37	0 45	11 28	0 28	21 5	1 12	9 52	10 8	10 20	11 9	0 30			
M 8	17 1	26 47	5 0	6 46	2 37	27 13	3 49	23 7	0 45	13 58	0 40	10 10	2 14	4 37	0 45	11 28	0 28	21 5	1 12	9 56	10 10	10 23	11 10	0 30			
T 9	17 17	27 56	4 47	6 49	2 45	27 12	3 49	23 12	0 45	13 56	0 40	10 12	2 14	4 36	0 45	11 28	0 28	21 5	1 12	10 1	10 11	10 26	11 11	0 30			
W10	17 33	27 41	4 20	6 54	2 52	27 11	3 49	23 17	0 46	13 54	0 40	10 15	2 14	4 35	0 45	11 27	0 28	21 5	1 12	10 4	10 12	10 29	11 13	0 30			
T 11	17 48	25 58	3 40	7 1	2 58	27 9	3 48	23 22	0 46	13 53	0 40	10 17	2 14	4 34	0 45	11 27	0 28	21 5	1 12	10 6	10 13	10 32	11 14	0 30			
F 12	18 4	22 51	2 48	7 11	3 3	27 7	3 48	23 27	0 47	13 51	0 40	10 20	2 14	4 33	0 45	11 27	0 28	21 5	1 12	10 8	10 14	10 35	11 15	0 30			
S 13	18 19	18 29	1 46	7 23	3 7	27 4	3 47	23 32	0 47	13 49	0 41	10 22	2 14	4 33	0 45	11 27	0 28	21 5	1 12	10 8	10 15	10 38	11 16	0 30			
S 14	18 33	13 6	0 36	7 36	3 11	27 1	3 46	23 36	0 47	13 47	0 41	10 25	2 14	4 32	0 45	11 26	0 28	21 5	1 11	10 8	10 16	10 42	11 17	0 30			
M15	18 48	6 56	0n37	7 52	3 14	26 58	3 45	23 40	0 48	13 45	0 41	10 27	2 15	4 31	0 45	11 26	0 28	21 5	1 11	10 8	10 18	10 45	11 18	0 30			
T 16	19 2	0 17	1 50	8 9	3 16	26 54	3 44	23 44	0 48	13 44	0 41	10 29	2 15	4 30	0 45	11 26	0 28	21 5	1 11	10 9	10 19	10 48	11 20	0 30			
W17	19 16	6n31	2 57	8 28	3 17	26 50	3 42	23 48	0 49	13 42	0 42	10 32	2 15	4 30	0 46	11 26	0 28	21 5	1 11	10 10	10 20	10 51	11 21	0 30			
T 18	19 29	13 5	3 54	8 48	3 17	26 45	3 40	23 51	0 49	13 41	0 42	10 34	2 15	4 29	0 46	11 26	0 28	21 4	1 11	10 12	10 21	10 54	11 22	0 29			
F 19	19 42	18 58	4 35	9 10	3 17	26 40	3 38	23 55	0 49	13 39	0 42	10 37	2 15	4 28	0 46	11 25	0 28	21 4	1 11	10 15	10 22	10 57	11 23	0 29			
S 20	19 55	23 40	4 57	9 33	3 16	26 35	3 36	23 58	0 50	13 38	0 42	10 39	2 15	4 28	0 46	11 25	0 29	21 4	1 11	10 19	10 23	11 0	11 24	0 29			
S 21	20 7	26 45	4 59	9 57	3 15	26 29	3 33	24 1	0 50	13 36	0 43	10 41	2 15	4 27	0 46	11 25	0 29	21 4	1 11	10 23	10 24	11 3	11 25	0 29			
M22	20 20	27 57	4 41	10 23	3 13	26 23	3 30	24 4	0 51	13 35	0 43	10 44	2 15	4 26	0 46	11 25	0 29	21 4	1 11	10 27	10 26	11 6	11 26	0 29			
T 23	20 31	27 16	4 6	10 50	3 10	26 17	3 27	24 6	0 51	13 34	0 43	10 46	2 15	4 26	0 46	11 25	0 29	21 4	1 11	10 30	10 27	11 10	11 27	0 29			
W24	20 43	24 55	3 18	11 18	3 6	26 10	3 24	24 8	0 51	13 33	0 43	10 48	2 15	4 25	0 46	11 25	0 29	21 4	1 11	10 33	10 28	11 13	11 29	0 29			
T 25	20 54	21 17	2 20	11 47	3 2	26 3	3 20	24 10	0 52	13 32	0 44	10 50	2 15	4 25	0 46	11 25	0 29	21 4	1 11	10 34	10 29	11 16	11 30	0 29			
F 26	21 4	16 44	1 17	12 17	2 58	25 56	3 16	24 12	0 52	13 31	0 44	10 53	2 15	4 24	0 46	11 25	0 29	21 4	1 10	10 35	10 30	11 19	11 31	0 29			
S 27	21 15	11 36	0 12	12 47	2 52	25 49	3 11	24 14	0 52	13 30	0 44	10 55	2 16	4 24	0 46	11 25	0 29	21 4	1 10	10 35	10 31	11 22	11 32	0 29			
S 28	21 25	6 9	0s52	13 19	2 47	25 41	3 7	24 15	0 53	13 29	0 44	10 57	2 16	4 23	0 46	11 25	0 29	21 4	1 10	10 35	10 32	11 25	11 33	0 29			
M29	21 34	0 34	1 52	13 51	2 40	25 33	3 2	24 17	0 53	13 28	0 45	10 59	2 16	4 23	0 46	11 24	0 29	21 4	1 10	10 35	10 34	11 28	11 34	0 29			
T 30	21 43	4s59	2 48	14 24	2 34	25 25	2 56	24 18	0 53	13 27	0 45	11 1	2 16	4 22	0 46	11 24	0 29	21 4	1 10	10 36	10 35	11 31	11 35	0 29			
W31	21n52	10s20	3s36	14n57	2s26	25n17	2n50	24n18	0n54	13s26	0s45	11n 3	2s16	4s22	0s46	11s24	0s29	21n 4	1s10	10s38	10s36	11s34	11n36	0n29			

ASTRODIENST EPHEMERIS for the year 2175

geocentric

JUNE 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 39	10 ^{II} 31'56	29 ^{II} 45	20 ^{III} 1	16 ^{III} 20	29 ^{II} 24	26 ^{III} 23	5 ^{III} 10	20 ^{III} 47	1 ^{III} 26	17 ^{III} 58	2 ^{III} R13	2 ^{III} 23	20 ^{III} 40	29 ^{III} 10	T 1
F 2	16 41 35	11 ^{III} 29'28	11 ^{III} 43	21 ^{III} 40	16 ^{III} 38	0 ^{III} 4	26 ^{III} 25	5 ^{III} 17	20 ^{III} 49	1 ^{III} 26	17 ^{III} 59	2 ^{III} 3	2 ^{III} 20	20 ^{III} 47	29 ^{III} 13	F 2
S 3	16 45 32	12 ^{III} 27'00	23 ^{III} 50	23 ^{III} 22	16 ^{III} 54	0 ^{III} 44	26 ^{III} 27	5 ^{III} 23	20 ^{III} 50	1 ^{III} 26	18 ^{III} 0	1 ^{III} 51	2 ^{III} 17	20 ^{III} 53	29 ^{III} 15	S 3
S 4	16 49 28	13 ^{III} 24'30	6 ^{III} 7	25 ^{III} 6	17 ^{III} 8	1 ^{III} 24	26 ^{III} 30	5 ^{III} 30	20 ^{III} 51	1 ^{III} R26	18 ^{III} 2	1 ^{III} 38	2 ^{III} 14	21 ^{III} 0	29 ^{III} 18	S 4
M 5	16 53 25	14 ^{III} 21'59	18 ^{III} 35	26 ^{III} 52	17 ^{III} 19	2 ^{III} 3	26 ^{III} 32	5 ^{III} 36	20 ^{III} 52	1 ^{III} 26	18 ^{III} 3	1 ^{III} 25	2 ^{III} 10	21 ^{III} 7	29 ^{III} 21	M 5
T 6	16 57 22	15 ^{III} 19'27	1 ^{III} 14	28 ^{III} 41	17 ^{III} 29	2 ^{III} 43	26 ^{III} 33	5 ^{III} 43	20 ^{III} 53	1 ^{III} 26	18 ^{III} 4	1 ^{III} 14	2 ^{III} 7	21 ^{III} 13	29 ^{III} 24	T 6
W 7	17 1 18	16 ^{III} 16'54	14 ^{III} 5	0 ^{III} 32	17 ^{III} 37	3 ^{III} 23	26 ^{III} 35	5 ^{III} 49	20 ^{III} 54	1 ^{III} 26	18 ^{III} 6	1 ^{III} 4	2 ^{III} 4	21 ^{III} 20	29 ^{III} 27	W 7
T 8	17 5 15	17 ^{III} 14'20	27 ^{III} 6	2 ^{III} 25	17 ^{III} 42	4 ^{III} 3	26 ^{III} 37	5 ^{III} 56	20 ^{III} 55	1 ^{III} 25	18 ^{III} 7	0 ^{III} 58	2 ^{III} 1	21 ^{III} 27	29 ^{III} 29	T 8
F 9	17 9 11	18 ^{III} 11'46	10 ^{III} 20	4 ^{III} 21	17 ^{III} 45	4 ^{III} 43	26 ^{III} 38	6 ^{III} 2	20 ^{III} 55	1 ^{III} 25	18 ^{III} 8	0 ^{III} 54	1 ^{III} 58	21 ^{III} 33	29 ^{III} 32	F 9
S 10	17 13 8	19 ^{III} 9'10	23 ^{III} 45	6 ^{III} 19	17 ^{III} R46	5 ^{III} 22	26 ^{III} 39	6 ^{III} 8	20 ^{III} 56	1 ^{III} 25	18 ^{III} 10	0 ^{III} 52	1 ^{III} 54	21 ^{III} 40	29 ^{III} 35	S 10
S 11	17 17 4	20 ^{III} 6'34	7 ^{III} 23	8 ^{III} 19	17 ^{III} 44	6 ^{III} 2	26 ^{III} 40	6 ^{III} 15	20 ^{III} 57	1 ^{III} 25	18 ^{III} 11	0 ^{III} D52	1 ^{III} 51	21 ^{III} 47	29 ^{III} 37	S 11
M 12	17 21 1	21 ^{III} 3'58	21 ^{III} 15	10 ^{III} 21	17 ^{III} 40	6 ^{III} 42	26 ^{III} 40	6 ^{III} 21	20 ^{III} 58	1 ^{III} 25	18 ^{III} 13	0 ^{III} R52	1 ^{III} 48	21 ^{III} 54	29 ^{III} 40	M 12
T 13	17 24 57	22 ^{III} 1'21	5 ^{III} Y21	12 ^{III} 25	17 ^{III} 34	7 ^{III} 21	26 ^{III} 41	6 ^{III} 27	20 ^{III} 58	1 ^{III} 24	18 ^{III} 14	0 ^{III} 52	1 ^{III} 45	22 ^{III} 0	29 ^{III} 43	T 13
W 14	17 28 54	22 ^{III} 58'43	19 ^{III} 41	14 ^{III} 30	17 ^{III} 25	8 ^{III} 1	26 ^{III} 41	6 ^{III} 33	20 ^{III} 59	1 ^{III} 24	18 ^{III} 15	0 ^{III} 49	1 ^{III} 42	22 ^{III} 7	29 ^{III} 45	W 14
T 15	17 32 51	23 ^{III} 56'06	4 ^{III} 11	16 ^{III} 38	17 ^{III} 14	8 ^{III} 41	26 ^{III} R41	6 ^{III} 39	20 ^{III} 59	1 ^{III} 24	18 ^{III} 17	0 ^{III} 44	1 ^{III} 39	22 ^{III} 14	29 ^{III} 48	T 15
F 16	17 36 47	24 ^{III} 53'27	18 ^{III} 48	18 ^{III} 46	17 ^{III} 0	9 ^{III} 20	26 ^{III} 41	6 ^{III} 45	21 ^{III} 0	1 ^{III} 23	18 ^{III} 18	0 ^{III} 37	1 ^{III} 35	22 ^{III} 20	29 ^{III} 50	F 16
S 17	17 40 44	25 ^{III} 50'48	3 ^{III} II25	20 ^{III} 56	16 ^{III} 45	10 ^{III} 0	26 ^{III} 41	6 ^{III} 51	21 ^{III} 0	1 ^{III} 23	18 ^{III} 20	0 ^{III} 28	1 ^{III} 32	22 ^{III} 27	29 ^{III} 52	S 17
S 18	17 44 40	26 ^{III} 48'09	17 ^{III} 56	23 ^{III} 7	16 ^{III} 26	10 ^{III} 39	26 ^{III} 40	6 ^{III} 57	21 ^{III} 1	1 ^{III} 22	18 ^{III} 21	0 ^{III} 18	1 ^{III} 29	22 ^{III} 34	29 ^{III} 55	S 18
M 19	17 48 37	27 ^{III} 45'29	2 ^{III} III13	25 ^{III} 18	16 ^{III} 6	11 ^{III} 19	26 ^{III} 40	7 ^{III} 3	21 ^{III} 1	1 ^{III} 22	18 ^{III} 23	0 ^{III} 9	1 ^{III} 26	22 ^{III} 40	29 ^{III} 57	M 19
T 20	17 52 33	28 ^{III} 42'49	16 ^{III} 11	27 ^{III} 30	15 ^{III} 43	11 ^{III} 58	26 ^{III} 39	7 ^{III} 8	21 ^{III} 1	1 ^{III} 21	18 ^{III} 24	0 ^{III} 1	1 ^{III} 23	22 ^{III} 47	29 ^{III} 59	T 20
W 21	17 56 30	29 ^{III} 40'08	29 ^{III} 46	29 ^{III} 42	15 ^{III} 18	12 ^{III} 38	26 ^{III} 38	7 ^{III} 14	21 ^{III} 2	1 ^{III} 21	18 ^{III} 26	29 ^{III} 55	1 ^{III} 20	22 ^{III} 54	0 ^{III} 2	W 21
T 22	18 0 27	0 ^{III} 37'26	12 ^{III} II57	1 ^{III} 54	14 ^{III} 52	13 ^{III} 17	26 ^{III} 37	7 ^{III} 20	21 ^{III} 2	1 ^{III} 20	18 ^{III} 27	29 ^{III} 51	1 ^{III} 16	23 ^{III} 0	0 ^{III} 4	T 22
F 23	18 4 23	1 ^{III} 34'43	25 ^{III} 44	4 ^{III} 5	14 ^{III} 23	13 ^{III} 56	26 ^{III} 35	7 ^{III} 25	21 ^{III} 2	1 ^{III} 20	18 ^{III} 29	29 ^{III} D50	1 ^{III} 13	23 ^{III} 7	0 ^{III} 6	F 23
S 24	18 8 20	2 ^{III} 32'00	8 ^{III} II11	6 ^{III} 16	13 ^{III} 52	14 ^{III} 36	26 ^{III} 34	7 ^{III} 31	21 ^{III} 2	1 ^{III} 19	18 ^{III} 30	29 ^{III} 50	1 ^{III} 10	23 ^{III} 14	0 ^{III} 8	S 24
S 25	18 12 16	3 ^{III} 29'15	20 ^{III} 21	8 ^{III} 25	13 ^{III} 20	15 ^{III} 15	26 ^{III} 32	7 ^{III} 36	21 ^{III} 2	1 ^{III} 18	18 ^{III} 31	29 ^{III} 51	1 ^{III} 7	23 ^{III} 21	0 ^{III} 10	S 25
M 26	18 16 13	4 ^{III} 26'30	2 ^{III} II20	10 ^{III} 34	12 ^{III} 47	15 ^{III} 54	26 ^{III} 30	7 ^{III} 41	21 ^{III} R 2	1 ^{III} 18	18 ^{III} 33	29 ^{III} R52	1 ^{III} 4	23 ^{III} 27	0 ^{III} 12	M 26
T 27	18 20 9	5 ^{III} 23'45	14 ^{III} 12	12 ^{III} 41	12 ^{III} 12	16 ^{III} 34	26 ^{III} 28	7 ^{III} 47	21 ^{III} 2	1 ^{III} 17	18 ^{III} 35	29 ^{III} 51	1 ^{III} 0	23 ^{III} 34	0 ^{III} 14	T 27
W 28	18 24 6	6 ^{III} 20'59	26 ^{III} 3	14 ^{III} 47	11 ^{III} 36	17 ^{III} 13	26 ^{III} 25	7 ^{III} 52	21 ^{III} 2	1 ^{III} 16	18 ^{III} 36	29 ^{III} 49	0 ^{III} 57	23 ^{III} 41	0 ^{III} 16	W 28
T 29	18 28 2	7 ^{III} 18'12	7 ^{III} II58	16 ^{III} 51	10 ^{III} 59	17 ^{III} 52	26 ^{III} 23	7 ^{III} 57	21 ^{III} 2	1 ^{III} 16	18 ^{III} 38	29 ^{III} 45	0 ^{III} 54	23 ^{III} 47	0 ^{III} 18	T 29
F 30	18 31 59	8 ^{III} 15'25	20 ^{III} II0	18 ^{III} 53	10 ^{III} 22	18 ^{III} 531	26 ^{III} 20	8 ^{III} 2	21 ^{III} R 2	1 ^{III} 15	18 ^{III} 39	29 ^{III} 39	0 ^{III} 51	23 ^{III} 54	0 ^{III} 20	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	22n 0	15s20	4s14	15n30	2s18	25n 8	2n44	24n19	0n54	13s25	0s45	11n 6	2s16	4s21	0s46	11s24	0s29	21n 3	1s10	10s41	10s37	11s37	11n37	0n29	
F 2	22 8	19 48	4 42	16 4	2 10	25 0	2 38	24 19	0 54	13 25	0 45	11 8	2 16	4 21	0 46	11 24	0 29	21 3	1 10	10 44	10 38	11 40	11 38	0 29	
S 3	22 16	23 31	4 57	16 38	2 2	24 51	2 31	24 20	0 55	13 24	0 46	11 10	2 16	4 20	0 46	11 24	0 29	21 3	1 10	10 49	10 39	11 44	11 39	0 29	
S 4	22 23	26 13	4 59	17 12	1 52	24 42	2 24	24 20	0 55	13 24	0 46	11 12	2 16	4 20	0 46	11 24	0 29	21 3	1 10	10 53	10 40	11 47	11 40	0 29	
M 5	22 30	27 42	4 47	17 46	1 43	24 33	2 16	24 19	0 55	13 23	0 46	11 14	2 17	4 20	0 46	11 24	0 29	21 3	1 10	10 58	10 42	11 50	11 41	0 28	
T 6	22 37	27 46	4 21	18 20	1 33	24 23	2 8	24 19	0 56	13 23	0 47	11 16	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 2	10 43	11 53	11 42	0 28	
W 7	22 43	26 20	3 41	18 53	1 23	24 14	1 59	24 18	0 56	13 23	0 47	11 18	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 5	10 44	11 56	11 43	0 28	
T 8	22 48	23 29	2 49	19 26	1 13	24 4	1 50	24 18	0 56	13 22	0 47	11 20	2 17	4 19	0 46	11 25	0 29	21 3	1 10	11 7	10 45	11 59	11 43	0 28	
F 9	22 54	19 21	1 47	19 59	1 2	23 55	1 41	24 17	0 57	13 22	0 47	11 22	2 17	4 18	0 46	11 25	0 29	21 3	1 9	11 9	10 46	12 2	11 44	0 28	
S 10	22 59	14 11	0 38	20 30	0 51	23 45	1 31	24 15	0 57	13 22	0 48	11 24	2 17	4 18	0 46	11 25	0 29	21 3	1 9	11 9	10 47	12 5	11 45	0 28	
S 11	23 3	8 15	0n35	21 0	0 40	23 35	1 21	24 14	0 57	13 22	0 48	11 26	2 17	4 18	0 46	11 25	0 29	21 2	1 9	11 9	10 48	12 8	11 46	0 28	
M 12	23 7	1 50	1 46	21 30	0 29	23 25	1 11	24 12	0 57	13 22	0 48	11 28	2 18	4 18	0 46	11 25	0 29	21 2	1 9	11 9	10 49	12 11	11 47	0 28	
T 13	23 11	4n46	2 52	21 58	0 18	23 15	1 0	24 10	0 58	13 22	0 48	11 29	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 10	10 51	12 14	11 48	0 28	
W 14	23 14	11 13	3 49	22 24	0 7	23 5	0 48	24 8	0 58	13 22	0 49	11 31	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 10	10 52	12 17	11 49	0 28	
T 15	23 17	17 9	4 31	22 48	0n 3	22 55	0 36	24 6	0 58	13 22	0 49	11 33	2 18	4 17	0 47	11 25	0 29	21 2	1 9	11 12	10 53	12 20	11 50	0 28	
F 16	23 19	22 9	4 57	23 11	0 14	22 44	0 24	24 4	0 58	13 23	0 49	11 35	2 18	4 17	0 47	11 26	0 29	21 2	1 9	11 15	10 54	12 23	11 50	0 28	
S 17	23 21	25 46	5 3	23 31	0 24	22 34	0 12	24 1	0 59	13 23	0 49	11 37	2 18	4 17	0 47	11 26	0 29	21 2	1 9	11 18	10 55	12 26	11 51	0 28	
S 18	23 23	27 40	4 49	23 49	0 35	22 23	0s 1	23 58	0 59	13 23	0 50	11 38	2 18	4 16	0 47	11 26	0 29	21 2	1 9	11 21	10 56	12 29	11 52	0 28	
M 19	23 24	27 41	4 17	24 4	0 44	22 13	0 14	23 55	0 59	13 24	0 50	11 40	2 19	4 16	0 47	11 26	0 29	21 1	1 9	11 25	10 57	12 32	11 53	0 28	
T 20	23 25	25 56	3 31	24 17	0 54	22 2	0 28	23 52	1 0	13 24	0 50	11 42	2 19	4 16	0 47	11 26	0 29	21 1	1 9	11 27	10 59	12 35	11 53	0 28	
W 21	23 25	22 41	2 33	24 27	1 2	21 51	0 41	23 49	1 0	13 25	0 50	11 43	2 19	4 16	0 47	11 27	0 29	21 1	1 9	11 29	11 0	12 38	11 54	0 28	
T 22	23 25	18 20	1 29	24 35	1 10	21 41	0 55	23 45	1 0	13 26	0 51	11 45	2 19	4 16	0 47	11 27	0 29	21 1	1 9	11 31	11 1	12 41	11 55	0 28	
F 23	23 25	13 17	0 22	24 39	1 18	21 30	1 9	23 41	1 0	13 26	0 51	11 47	2 19	4 16	0 47	11 27	0 29	21 1	1 8	11 31	11 2	12 44	11 56	0 28	
S 24	23 24	7 48	0s45	24 41	1 25	21 19	1 23	23 37	1 1	13 27	0 51	11 48	2 19	4 16	0 47	11 27	0 29	21 1	1 8	11 31	11 3	12 47	11 56	0 27	
S 25	23 22	2 10	1 48	24 40	1 31	21 8	1 38	23 33	1 1	13 28	0 51	11 50	2 20	4 16	0 47	11 28	0 29	21 1	1 8	11 31	11 4	12 50	11 57	0 27	
M 26	23 21	3s27	2 45	24 36	1 37	20 57	1 52	23 29	1 1	13 29	0 52	11 51	2 20	4 16	0 47	11 28	0 29	21 1	1 8	11 31	11 5	12 53	11 58	0 27	
T 27	23 19	8 54	3 35	24 30	1 41	20 46	2 6	23 24	1 1	13 30	0 52	11 53	2 20	4 16	0 47	11 28	0 30	21 0	1 8	11 31	11 6	12 56	11 58	0 27	
W 28	23 16	14 1	4 15	24 21	1 45	20 35	2 20	23 20	1 1	13 31	0 52	11 54	2 20	4 16	0 47	11 28	0 30	21 0	1 8	11 32	11 8	12 59	11 59	0 27	
T 29	23 13	18 38	4 45	24 9	1 49	20 24	2 34	23 15	1 2	13 32	0 52	11 56	2 20	4 16	0 47	11 29	0 30	21 0	1 8	11 33	11 9	13 2	11 59	0 27	
F 30	23n10	22s34	5s 2	23n55	1n51	20n13	2s48	23n10	1n 2	13s33	0s53	11n57	2s21	4s17	0s47	11s29	0s30	21n 0	1s 8	11s35	11s10	13s 5	12n 0	0n27	

ASTRODIENST EPHEMERIS for the year 2175

geocentric

JULY 2175

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 55	9 ⁵² 12'38	2 ¹⁷ 13	20 ⁵⁴ 54	9 ⁴⁵ R45	19 ¹⁰ 10	26 ¹⁷ R17	8 ⁸ 7	21 ¹⁸ R 2	1 ¹⁸ R14	18 ⁴¹ 41	29 ¹⁰ R31	0 ⁴⁸ 48	24 ¹ 1	0 ⁸ 21	S 1
S 2	18 39 52	10° 9'50	14°40	22°52	9 ⁵² 7	19°50	26 ¹⁴ 14	8°12	21 ¹⁸ 1	1 ¹⁸ 13	18°42	29 ²³ 23	0°45	24° 7	0°23	S 2
M 3	18 43 49	11° 7'01	27°21	24°49	8°29	20°29	26°11	8°17	21° 1	1°12	18°44	29°14	0°41	24°14	0°25	M 3
T 4	18 47 45	12° 4'13	10 ⁵² 17	26°44	7°52	21° 8	26° 7	8°21	21° 1	1°11	18°45	29° 6	0°38	24°21	0°27	T 4
W 5	18 51 42	13° 1'25	23°28	28°36	7°16	21°47	26° 3	8°26	21° 0	1°10	18°47	29° 0	0°35	24°27	0°28	W 5
T 6	18 55 38	13°58'36	6 ⁵² 52	0 ¹⁰ 27	6°40	22°26	26° 0	8°31	21° 0	1° 9	18°48	28°56	0°32	24°34	0°30	T 6
F 7	18 59 35	14°55'47	20°28	2°16	6° 6	23° 5	25°56	8°35	20°59	1° 8	18°50	28°54	0°29	24°41	0°31	F 7
S 8	19 3 31	15°52'59	4 ¹⁸ 13	4° 2	5°32	23°44	25°52	8°40	20°59	1° 7	18°51	28°D54	0°26	24°48	0°33	S 8
S 9	19 7 28	16°50'10	18° 8	5°46	5° 1	24°23	25°47	8°44	20°58	1° 6	18°53	28°55	0°22	24°54	0°34	S 9
M10	19 11 25	17°47'22	2 ¹⁹ 9	7°29	4°31	25° 2	25°43	8°48	20°57	1° 5	18°54	28°56	0°19	25° 1	0°35	M10
T 11	19 15 21	18°44'35	16°17	9° 9	4° 2	25°41	25°38	8°53	20°57	1° 4	18°56	28°R57	0°16	25° 8	0°37	T 11
W12	19 19 18	19°41'47	0 ⁸ 30	10°47	3°36	26°20	25°33	8°57	20°56	1° 3	18°58	28°57	0°13	25°14	0°38	W12
T 13	19 23 14	20°39'01	14°45	12°23	3°12	26°59	25°28	9° 1	20°55	1° 2	18°59	28°55	0°10	25°21	0°39	T 13
F 14	19 27 11	21°36'14	29° 0	13°57	2°50	27°37	25°23	9° 5	20°54	1° 1	19° 1	28°51	0° 6	25°28	0°40	F 14
S 15	19 31 7	22°33'29	13 ¹¹ 11	15°29	2°30	28°16	25°18	9° 8	20°54	1° 0	19° 2	28°46	0° 3	25°34	0°41	S 15
S 16	19 35 4	23°30'43	27°15	16°59	2°12	28°55	25°12	9°12	20°53	0°58	19° 4	28°41	0° 0	25°41	0°42	S 16
M17	19 39 0	24°27'58	11 ⁵² 7	18°27	1°57	29°34	25° 7	9°16	20°52	0°57	19° 5	28°36	29 ⁵⁷ 57	25°48	0°43	M17
T 18	19 42 57	25°25'14	24°43	19°52	1°44	0 ¹⁰ 13	25° 1	9°20	20°51	0°56	19° 7	28°31	29°54	25°55	0°44	T 18
W19	19 46 54	26°22'29	8 ¹⁰ 2	21°16	1°33	0°52	24°55	9°23	20°50	0°55	19° 8	28°28	29°51	26° 1	0°45	W19
T 20	19 50 50	27°19'45	21° 1	22°37	1°25	1°30	24°49	9°26	20°48	0°53	19°10	28°27	29°47	26° 8	0°46	T 20
F 21	19 54 47	28°17'01	3 ¹⁰ 42	23°56	1°19	2° 9	24°43	9°30	20°47	0°52	19°11	28°D26	29°44	26°15	0°47	F 21
S 22	19 58 43	29°14'18	16° 6	25°13	1°16	2°48	24°37	9°33	20°46	0°51	19°13	28°27	29°41	26°21	0°48	S 22
S 23	20 2 40	0 ¹⁰ 11'34	28°15	26°27	1°D15	3°27	24°30	9°36	20°45	0°50	19°15	28°29	29°38	26°28	0°48	S 23
M24	20 6 36	1° 8'51	10 ¹⁴ 14	27°39	1°16	4° 5	24°24	9°39	20°44	0°48	19°16	28°31	29°35	26°35	0°49	M24
T 25	20 10 33	2° 6'08	22° 7	28°48	1°20	4°44	24°17	9°42	20°42	0°47	19°18	28°32	29°32	26°41	0°49	T 25
W26	20 14 29	3° 3'26	3 ¹⁰ 59	29°55	1°25	5°23	24°11	9°45	20°41	0°45	19°19	28°R32	29°28	26°48	0°50	W26
T 27	20 18 26	4° 0'44	15°55	0 ¹⁰ 59	1°33	6° 1	24° 4	9°48	20°40	0°44	19°21	28°32	29°25	26°55	0°50	T 27
F 28	20 22 23	4°58'02	27°59	2° 0	1°43	6°40	23°57	9°50	20°38	0°43	19°22	28°30	29°22	27° 2	0°51	F 28
S 29	20 26 19	5°55'20	10 ¹⁷ 15	2°59	1°55	7°18	23°50	9°53	20°37	0°41	19°24	28°27	29°19	27° 8	0°51	S 29
S 30	20 30 16	6°52'39	22°47	3°55	2° 9	7°57	23°43	9°56	20°35	0°40	19°25	28°24	29°16	27°15	0°51	S 30
M31	20 34 12	7 ¹⁰ 49'59	5 ²³ 38	4 ¹⁰ 47	2 ⁵² 25	8 ¹⁰ 36	23 ³⁶ 36	9 ⁵⁸ 58	20 ³⁴ 34	0 ⁴⁸ 38	19 ²⁷ 27	28 ²¹ 21	29 ¹² 12	27 ¹² 22	0 ⁵² 52	M31

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
S 1	23n 6	25s35	5s 6	23n39	1n53	20n 3	3s 1	23n 4	1n 2	13s35	0s53	11n59	2s21	4s17	0s47	11s29	0s30	21n 0	1s 8	11s38	11s11	13s 8	12n 1	0n27			
S 2	23 2	27 26	4 56	23 21	1 54	19 52	3 14	22 59	1 2	13 36	0 53	12 0	2 21	4 17	0 47	11 30	0 30	21 0	1 8	11 41	11 12	13 11	12 1	0 27			
M 3	22 57	27 54	4 31	23 1	1 54	19 42	3 27	22 53	1 3	13 37	0 53	12 1	2 21	4 17	0 47	11 30	0 30	20 59	1 8	11 44	11 13	13 14	12 2	0 27			
T 4	22 52	26 52	3 52	22 39	1 54	19 32	3 40	22 48	1 3	13 39	0 54	12 3	2 21	4 17	0 47	11 30	0 30	20 59	1 8	11 46	11 14	13 17	12 2	0 27			
W 5	22 47	24 19	2 59	22 16	1 53	19 22	3 51	22 42	1 3	13 40	0 54	12 4	2 22	4 17	0 47	11 31	0 30	20 59	1 8	11 49	11 15	13 20	12 3	0 27			
T 6	22 41	20 25	1 56	21 50	1 51	19 13	4 3	22 36	1 3	13 42	0 54	12 5	2 22	4 18	0 47	11 31	0 30	20 59	1 8	11 50	11 17	13 23	12 3	0 27			
F 7	22 35	15 23	0 46	21 24	1 48	19 3	4 14	22 29	1 3	13 43	0 54	12 7	2 22	4 18	0 47	11 31	0 30	20 59	1 8	11 51	11 18	13 26	12 4	0 27			
S 8	22 28	9 30	0n29	20 56	1 45	18 55	4 24	22 23	1 4	13 45	0 55	12 8	2 22	4 18	0 47	11 32	0 30	20 59	1 7	11 51	11 19	13 29	12 4	0 27			
S 9	22 22	3 7	1 42	20 27	1 42	18 46	4 33	22 16	1 4	13 46	0 55	12 9	2 22	4 18	0 47	11 32	0 30	20 59	1 7	11 50	11 20	13 32	12 5	0 27			
M10	22 14	3n28	2 50	19 57	1 38	18 38	4 42	22 9	1 4	13 48	0 55	12 10	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 21	13 35	12 5	0 27			
T 11	22 7	9 55	3 49	19 27	1 33	18 31	4 51	22 2	1 4	13 50	0 55	12 11	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 22	13 38	12 6	0 27			
W12	21 58	15 54	4 33	18 55	1 28	18 24	4 59	21 55	1 4	13 52	0 56	12 12	2 23	4 19	0 48	11 33	0 30	20 58	1 7	11 50	11 23	13 41	12 6	0 27			
T 13	21 50	21 2	5 1	18 23	1 22	18 17	5 6	21 48	1 4	13 54	0 56	12 13	2 23	4 20	0 48	11 34	0 30	20 58	1 7	11 51	11 24	13 44	12 6	0 27			
F 14	21 41	24 58	5 10	17 50	1 15	18 11	5 12	21 40	1 5	13 56	0 56	12 14	2 23	4 20	0 48	11 34	0 30	20 58	1 7	11 52	11 25	13 47	12 7	0 26			
S 15	21 32	27 20	5 1	17 16	1 9	18 6	5 18	21 33	1 5	13 58	0 56	12 15	2 24	4 20	0 48	11 35	0 30	20 58	1 7	11 54	11 27	13 50	12 7	0 26			
S 16	21 22	27 56	4 33	16 42	1 1	18 1	5 23	21 25	1 5	14 0	0 57	12 16	2 24	4 21	0 48	11 35	0 30	20 57	1 7	11 55	11 28	13 53	12 7	0 26			
M17	21 12	26 46	3 49	16 8	0 53	17 56	5 28	21 17	1 5	14 2	0 57	12 17	2 24	4 21	0 48	11 36	0 30	20 57	1 7	11 57	11 29	13 56	12 8	0 26			
T 18	21 2	24 0	2 54	15 33	0 45	17 52	5 32	21 9	1 5	14 4	0 57	12 18	2 24	4 22	0 48	11 36	0 30	20 57	1 7	11 59	11 30	13 59	12 8	0 26			
W19	20 52	20 0	1 49	14 59	0 37	17 49	5 36	21 1	1 5	14 6	0 57	12 19	2 25	4 22	0 48	11 36	0 30	20 57	1 7	12 0	11 31	14 1	12 8	0 26			
T 20	20 41	15 7	0 40	14 24	0 28	17 46	5 39	20 52	1 6	14 8	0 57	12 20	2 25	4 22	0 48	11 37	0 30	20 57	1 7	12 0	11 32	14 4	12 8	0 26			
F 21	20 29	9 42	0s29	13 49	0 18	17 43	5 41	20 44	1 6	14 11	0 58	12 21	2 25	4 23	0 48	11 37	0 30	20 57	1 7	12 0	11 33	14 7	12 9	0 26			
S 22	20 18	4 1	1 35	13 15	0 9	17 41	5 43	20 35	1 6	14 13	0 58	12 22	2 25	4 23	0 48	11 38	0 30	20 57	1 7	12 0	11 34	14 10	12 9	0 26			
S 23	20 6	1s42	2 36	12 40	0s 1	17 40	5 45	20 26	1 6	14 15	0 58	12 22	2 26	4 24	0 48	11 38	0 30	20 56	1 7	11 59	11 35	14 13	12 9	0 26			
M24	19 53	7 16	3 29	12 6	0 12	17 39	5 46	20 17	1 6	14 18	0 58	12 23	2 26	4 24	0 48	11 39	0 30	20 56	1 7	11 59	11 37	14 16	12 9	0 26			
T 25	19 40	12 31	4 13	11 32	0 22	17 38	5 47	20 8	1 6	14 20	0 58	12 24	2 26	4 25	0 48	11 39	0 30	20 56	1 7	11 58	11 38	14 19	12 9	0 26			
W26	19 27	17 19	4 46	10 58	0 33	17 38	5 47	19 59	1 6	14 22	0 59	12 25	2 26	4 26	0 48	11 40	0 30	20 56	1 6	11 58	11 39	14 22	12 9	0 26			
T 27	19 14	21 29	5 7	10 25	0 45	17 38	5 47	19 50	1 7	14 25	0 59	12 25	2 27	4 26	0 48	11 40	0 30	20 56	1 6	11 59	11 40	14 25	12 10	0 26			
F 28	19 0	24 48	5 14	9 53	0 56	17 38	5 46	19 40	1 7	14 27	0 59	12 26	2 27	4 27	0 48	11 41	0 30	20 56	1 6	11 59	11 41	14 28	12 10	0 26			
S 29	18 47	27 2	5 8	9 21	1 8	17 39	5 45	19 30	1 7	14 30	0 59	12 26	2 27	4 27	0 48	11 42	0 30	20 55	1 6	12 0	11 42	14 30	12 10	0 26			
S 30	18 32	27 59	4 46	8 50	1 20	17 40	5 44	19 21	1 7	14 32	0 59	12 27	2 27	4 28	0 48	11 42	0 30	20 55	1 6	12 1	11 43	14 33	12 10	0 26			
M31	18n18	27s28	4s11	8n20	1s32	17n41	5s43	19n11	1n 7	14s35	1s 0	12n27	2s27	4s29	0s48	11s43	0s30	20n55	1s 6	12s 2	11s44	14s36	12n10	0n26			

ASTRODIENST EPHEMERIS for the year 2175

geocentric

AUGUST 2175

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 9	8♂47'19	18♂47	5♂36	2♂43	9♂14	23°R28	10♂0	20°R32	0°R37	19♂28	28°R19	29♂9	27♂28	0♂52	T 1
W 2	20 42 5	9°44'40	2♂16	6°22	3° 3	9°53	23♂21	10° 2	20♂31	0♂35	19°30	28♂16	29° 6	27°35	0°52	W 2
T 3	20 46 2	10°42'01	16° 2	7° 4	3°25	10°31	23°14	10° 4	20°29	0°34	19°31	28°15	29° 3	27°42	0°52	T 3
F 4	20 49 58	11°39'24	0♂ 3	7°43	3°48	11°10	23° 6	10° 6	20°27	0°32	19°32	28°D15	29° 0	27°48	0°R52	F 4
S 5	20 53 55	12°36'47	14°15	8°18	4°13	11°48	22°59	10° 8	20°26	0°31	19°34	28°15	28°57	27°55	0°52	S 5
S 6	20 57 52	13°34'11	28°34	8°49	4°40	12°27	22°51	10°10	20°24	0°29	19°35	28°16	28°53	28° 2	0°52	S 6
M 7	21 1 48	14°31'36	12°56	9°15	5° 8	13° 5	22°43	10°12	20°22	0°28	19°37	28°17	28°50	28° 9	0°52	M 7
T 8	21 5 45	15°29'03	27°17	9°37	5°37	13°43	22°36	10°13	20°20	0°26	19°38	28°18	28°47	28°15	0°52	T 8
W 9	21 9 41	16°26'30	11♂33	9°54	6° 9	14°22	22°28	10°15	20°18	0°24	19°40	28°R19	28°44	28°22	0°51	W 9
T 10	21 13 38	17°24'00	25°43	10° 7	6°41	15° 0	22°20	10°16	20°17	0°23	19°41	28°R19	28°41	28°29	0°51	T 10
F 11	21 17 34	18°21'30	9♂43	10°15	7°15	15°39	22°12	10°18	20°15	0°21	19°42	28°18	28°38	28°35	0°51	F 11
S 12	21 21 31	19°19'02	23°34	10°R17	7°50	16°17	22° 5	10°19	20°13	0°20	19°44	28°17	28°34	28°42	0°50	S 12
S 13	21 25 27	20°16'35	7♂12	10°14	8°26	16°56	21°57	10°20	20°11	0°18	19°45	28°16	28°31	28°49	0°50	S 13
M14	21 29 24	21°14'10	20°37	10° 6	9° 4	17°34	21°49	10°21	20° 9	0°16	19°47	28°15	28°28	28°56	0°49	M14
T 15	21 33 21	22°11'46	3♂48	9°52	9°43	18°12	21°41	10°22	20° 7	0°15	19°48	28°15	28°25	29° 2	0°49	T 15
W16	21 37 17	23° 9'23	16°45	9°33	10°23	18°51	21°33	10°22	20° 5	0°13	19°49	28°14	28°22	29° 9	0°48	W16
T 17	21 41 14	24° 7'01	29°28	9° 9	11° 4	19°29	21°25	10°23	20° 3	0°12	19°51	28°D14	28°18	29°16	0°48	T 17
F 18	21 45 10	25° 4'40	11♂57	8°39	11°45	20° 7	21°18	10°24	20° 1	0°10	19°52	28°14	28°15	29°22	0°47	F 18
S 19	21 49 7	26° 2'21	24°13	8° 4	12°28	20°46	21°10	10°24	19°58	0° 8	19°53	28°14	28°12	29°29	0°46	S 19
S 20	21 53 3	27° 0'02	6♂18	7°25	13°12	21°24	21° 2	10°24	19°56	0° 7	19°54	28°15	28° 9	29°36	0°45	S 20
M21	21 57 0	27°57'45	18°15	6°41	13°57	22° 2	20°54	10°24	19°54	0° 5	19°56	28°R15	28° 6	29°42	0°44	M21
T 22	22 0 56	28°55'29	0♂ 8	5°54	14°43	22°41	20°47	10°25	19°52	0° 3	19°57	28°15	28° 3	29°49	0°43	T 22
W23	22 4 53	29°53'13	11°59	5° 4	15°29	23°19	20°39	10°R25	19°50	0° 2	19°58	28°15	27°59	29°56	0°42	W23
T 24	22 8 50	0♂51'00	23°54	4°12	16°16	23°57	20°31	10°25	19°48	0° 0	19°59	28°14	27°56	0♂ 3	0°41	T 24
F 25	22 12 46	1°48'47	5♂57	3°20	17° 4	24°35	20°24	10°24	19°45	29♂59	20° 1	28°D14	27°53	0° 9	0°40	F 25
S 26	22 16 43	2°46'35	18°12	2°27	17°53	25°14	20°16	10°24	19°43	29°57	20° 2	28°15	27°50	0°16	0°39	S 26
S 27	22 20 39	3°44'25	0♂43	1°35	18°43	25°52	20° 9	10°24	19°41	29°55	20° 3	28°15	27°47	0°23	0°38	S 27
M28	22 24 36	4°42'16	13°35	0°45	19°33	26°30	20° 1	10°23	19°39	29°54	20° 4	28°16	27°44	0°29	0°37	M28
T 29	22 28 32	5°40'08	26°50	29♂59	20°24	27° 8	19°54	10°22	19°36	29°52	20° 5	28°16	27°40	0°36	0°35	T 29
W30	22 32 29	6°38'01	10♂29	29°17	21°16	27°46	19°47	10°22	19°34	29°50	20° 7	28°17	27°37	0°43	0°34	W30
T 31	22 36 25	7♂35'56	24♂31	28♂40	22♂8	28♂25	19♂40	10♂21	19♂32	29♂49	20♂8	28°R17	27♂34	0♂50	0♂33	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n 3	25s25	3s21	7n50	1s44	17n43	5s41	19n 1	1n 7	14s37	1s 0	12n28	2s28	4s29	0s48	11s43
W 2	17 48	21 53	2 18	7 22	1 56	17 44	5 39	18 50	1 7	14 40	1 0	12 28	2 28	4 30	0 48	11 44
T 3	17 32	17 5	1 7	6 55	2 8	17 46	5 36	18 40	1 7	14 43	1 0	12 29	2 28	4 30	0 48	11 44
F 4	17 16	11 17	0n10	6 29	2 21	17 48	5 34	18 30	1 8	14 45	1 0	12 29	2 28	4 31	0 48	11 45
S 5	17 0	4 51	1 27	6 5	2 33	17 50	5 31	18 19	1 8	14 48	1 0	12 29	2 29	4 32	0 48	11 45
S 6	16 44	1n53	2 40	5 42	2 45	17 53	5 28	18 8	1 8	14 50	1 1	12 30	2 29	4 33	0 48	11 46
M 7	16 28	8 31	3 43	5 21	2 58	17 55	5 24	17 58	1 8	14 53	1 1	12 30	2 29	4 33	0 48	11 46
T 8	16 11	14 43	4 31	5 2	3 10	17 57	5 21	17 47	1 8	14 56	1 1	12 30	2 29	4 34	0 48	11 47
W 9	15 54	20 5	5 3	4 44	3 21	18 0	5 17	17 36	1 8	14 58	1 1	12 31	2 30	4 35	0 48	11 48
T 10	15 36	24 17	5 16	4 49	3 33	18 2	5 13	17 24	1 8	15 1	1 1	12 31	2 30	4 36	0 48	11 48
F 11	15 19	27 0	5 10	4 26	3 44	18 4	5 9	17 13	1 8	15 4	1 1	12 31	2 30	4 36	0 48	11 49
S 12	15 1	28 2	4 46	4 5	3 54	18 6	5 5	17 2	1 8	15 6	1 1	12 31	2 30	4 37	0 48	11 49
S 13	14 43	27 19	4 6	3 57	4 4	18 8	5 1	16 50	1 8	15 9	1 1	12 31	2 31	4 38	0 49	11 50
M14	14 25	25 2	3 14	3 52	4 13	18 10	4 57	16 39	1 8	15 12	1 2	12 31	2 31	4 39	0 49	11 50
T 15	14 6	21 25	2 11	3 49	4 22	18 12	4 52	16 27	1 9	15 14	1 2	12 31	2 31	4 39	0 49	11 51
W16	13 47	16 48	1 3	3 49	4 29	18 14	4 48	16 15	1 9	15 17	1 2	12 31	2 32	4 40	0 49	11 52
T 17	13 28	11 33	0s 7	3 53	4 35	18 16	4 43	16 3	1 9	15 20	1 2	12 31	2 32	4 41	0 49	11 52
F 18	13 9	5 55	1 15	3 59	4 40	18 17	4 38	15 51	1 9	15 22	1 2	12 31	2 32	4 42	0 49	11 53
S 19	12 50	0 10	2 19	4 9	4 44	18 18	4 33	15 39	1 9	15 25	1 2	12 31	2 32	4 43	0 49	11 53
S 20	12 30	5s30	3 16	4 21	4 46	18 19	4 28	15 27	1 9	15 27	1 2	12 31	2 33	4 44	0 49	11 54
M21	12 10	10 54	4 3	4 37	4 46	18 20	4 23	15 14	1 9	15 30	1 2	12 31	2 33	4 44	0 49	11 55
T 22	11 50	15 52	4 40	4 56	4 45	18 20	4 18	15 2	1 9	15 33	1 2	12 30	2 33	4 45	0 49	11 55
W23	11 30	20 14	5 4	5 17	4 41	18 20	4 13	14 49	1 9	15 35	1 2	12 30	2 33	4 46	0 49	11 56
T 24	11 10	23 50	5 16	5 40	4 36	18 20	4 7	14 37	1 9	15 38	1 3	12 30	2 34	4 47	0 49	11 56
F 25	10 49	26 26	5 14	6 6	4 29	18 20	4 2	14 24	1 9	15 40	1 3	12 30	2 34	4 48	0 49	11 57
S 26	10 29	27 50	4 58	6 33	4 20	18 19	3 57	14 11	1 9	15 42	1 3	12 29	2 34	4 49	0 49	11 57
S 27	10 8	27 53	4 28	7 1	4 9	18 18	3 51	13 58	1 9	15 45	1 3	12 29	2 34	4 50	0 49	11 58
M28	9 47	26 26	3 43	7 30	3 57	18 16	3 46	13 45	1 9	15 47	1 3	12 29	2 35	4 51	0 49	11 59
T 29	9 25	23 29	2 46	7 59	3 43	18 14	3 40	13 32	1 9	15 50	1 3	12 28	2 35	4 52	0 49	11 59
W30	9 4	19 9	1 37	8 28	3 27	18 12	3 35	13 19	1 9	15 52	1 3	12 28	2 35	4 53	0 49	12 0
T 31	8n43	13s40	0s21	8n57	3s11	18n10	3s29	13n 6	1n 9	15s54	1s 3	12n27	2s35	4s53	0s49	12s 0

Julian Day Number = 2515674.5, Delta T = 140.99 sec
 Ecliptic obliquity = 23°25'07, Nutation = 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°11'38, Lahiri = 26°18'38

ASTRODIENST EPHEMERIS for the year 2175

geocentric

SEPTEMBER 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 40 22	8♍33°52	8♋53	28°R10	23♎1	29♏3	19°R33	10°R20	19°R29	29°R47	20♎9	28°R17	27♎31	0♍56	0°R31	F 1
S 2	22 44 19	9°31'50	23°30	27♏46	23°55	29°41	19♎26	10♎19	19♋27	29♎46	20°10	28♎16	27°28	1°3	0♎30	S 2
S 3	22 48 15	10°29'49	8♍16	27°29	24°49	0♍19	19°19	10°18	19°25	29°44	20°11	28°15	27°24	1°10	0°28	S 3
M 4	22 52 12	11°27'50	23°4	27°21	25°44	0°57	19°12	10°17	19°22	29°42	20°12	28°14	27°21	1°16	0°27	M 4
T 5	22 56 8	12°25'53	7♎46	27°D20	26°39	1°36	19°6	10°15	19°20	29°41	20°13	28°12	27°18	1°23	0°25	T 5
W 6	23 0 5	13°23'58	22°16	27°29	27°35	2°14	18°59	10°14	19°18	29°39	20°14	28°11	27°15	1°30	0°23	W 6
T 7	23 4 1	14°22'05	6♏31	27°46	28°31	2°52	18°53	10°12	19°15	29°38	20°15	28°10	27°12	1°36	0°22	T 7
F 8	23 7 58	15°20'14	20°28	28°11	29°28	3°30	18°47	10°11	19°13	29°36	20°16	28°D10	27°9	1°43	0°20	F 8
S 9	23 11 54	16°18'25	4♎6	28°45	0♏25	4°8	18°40	10°9	19°10	29°34	20°17	28°11	27°5	1°50	0°18	S 9
S 10	23 15 51	17°16'38	17°27	29°27	1°23	4°46	18°34	10°7	19°8	29°33	20°18	28°12	27°2	1°57	0°16	S 10
M11	23 19 48	18°14'53	0♏31	0♍17	2°21	5°24	18°28	10°5	19°6	29°31	20°19	28°13	26°59	2°3	0°14	M11
T 12	23 23 44	19°13'10	13°20	1°15	3°20	6°3	18°23	10°3	19°3	29°30	20°20	28°14	26°56	2°10	0°12	T 12
W13	23 27 41	20°11'28	25°57	2°20	4°19	6°41	18°17	10°1	19°1	29°28	20°21	28°R15	26°53	2°17	0°10	W13
T 14	23 31 37	21°9'49	8♍21	3°31	5°19	7°19	18°12	9°59	18°58	29°27	20°22	28°15	26°50	2°23	0°8	T 14
F 15	23 35 34	22°8'11	20°36	4°49	6°18	7°57	18°6	9°56	18°56	29°25	20°22	28°13	26°46	2°30	0°6	F 15
S 16	23 39 30	23°6'36	2♎42	6°12	7°19	8°35	18°1	9°54	18°54	29°24	20°23	28°10	26°43	2°37	0°4	S 16
S 17	23 43 27	24°5'02	14°42	7°40	8°19	9°13	17°56	9°51	18°51	29°22	20°24	28°7	26°40	2°44	0°2	S 17
M18	23 47 23	25°3'30	26°36	9°13	9°20	9°51	17°52	9°49	18°49	29°21	20°25	28°2	26°37	2°50	0°0	M18
T 19	23 51 20	26°1'59	8♏17	10°49	10°22	10°29	17°47	9°46	18°46	29°20	20°26	27°57	26°34	2°57	29°V58	T 19
W20	23 55 17	27°0'31	20°18	12°29	11°24	11°7	17°42	9°43	18°44	29°18	20°26	27°53	26°30	3°4	29°56	W20
T 21	23 59 13	27°59'04	2♎11	14°12	12°26	11°45	17°38	9°40	18°42	29°17	20°27	27°49	26°27	3°10	29°53	T 21
F 22	0 3 10	28°57'38	14°12	15°56	13°28	12°23	17°34	9°37	18°39	29°15	20°28	27°46	26°24	3°17	29°51	F 22
S 23	0 7 6	29°56'15	26°24	17°43	14°31	13°2	17°30	9°34	18°37	29°14	20°28	27°D45	26°21	3°24	29°49	S 23
S 24	0 11 3	0♎54°53	8♎51	19°31	15°34	13°40	17°26	9°31	18°35	29°13	20°29	27°45	26°18	3°31	29°46	S 24
M25	0 14 59	1°53'33	21°38	21°20	16°37	14°18	17°23	9°28	18°32	29°11	20°30	27°47	26°15	3°37	29°44	M25
T 26	0 18 56	2°52'14	4♎49	23°10	17°41	14°56	17°19	9°25	18°30	29°10	20°30	27°48	26°11	3°44	29°41	T 26
W27	0 22 52	3°50'57	18°27	25°0	18°45	15°34	17°16	9°21	18°28	29°9	20°31	27°49	26°8	3°51	29°39	W27
T 28	0 26 49	4°49'42	2♎32	26°51	19°49	16°12	17°13	9°18	18°26	29°7	20°32	27°R50	26°5	3°57	29°37	T 28
F 29	0 30 46	5°48'29	17°4	28°41	20°53	16°50	17°10	9°14	18°23	29°6	20°32	27°48	26°2	4°4	29°34	F 29
S 30	0 34 42	6♎47'17	1♍57	0♎31	21♏58	17♎28	17♎7	9♎11	18♎21	29♎5	20♎33	27♎45	25♎59	4♎11	29°V31	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n21	7s20	0n58	9n24	2s53	18n7	3s23	12n53	1n9	15s56	1s3	12n27	2s35	4s54	0s49	12s1	0s31
S 2	7 59	0 30	2 15	9 49	2 35	18 3	3 18	12 39	1 10	15 59	1 3	12 26	2 36	4 55	0 49	12 2	0 31
S 3	7 38	6n24	3 24	10 12	2 16	18 0	3 12	12 26	1 10	16 1	1 3	12 26	2 36	4 56	0 49	12 2	0 31
M 4	7 16	12 57	4 18	10 32	1 58	17 56	3 6	12 13	1 10	16 3	1 3	12 25	2 36	4 57	0 49	12 3	0 31
T 5	6 53	18 45	4 56	10 50	1 39	17 51	3 1	11 59	1 10	16 5	1 3	12 24	2 36	4 58	0 49	12 3	0 31
W 6	6 31	23 23	5 14	11 5	1 20	17 46	2 55	11 45	1 10	16 7	1 3	12 24	2 37	4 59	0 49	12 4	0 31
T 7	6 9	26 30	5 12	11 17	1 2	17 41	2 49	11 32	1 10	16 9	1 3	12 23	2 37	5 0	0 49	12 4	0 31
F 8	5 46	27 56	4 52	11 25	0 44	17 35	2 44	11 18	1 10	16 11	1 3	12 22	2 37	5 1	0 49	12 5	0 31
S 9	5 24	27 37	4 16	11 29	0 27	17 28	2 38	11 4	1 10	16 13	1 3	12 21	2 37	5 2	0 49	12 5	0 31
S 10	5 1	25 41	3 26	11 30	0 10	17 22	2 32	10 50	1 10	16 15	1 3	12 21	2 38	5 3	0 49	12 6	0 31
M11	4 39	22 25	2 27	11 27	0n5	17 14	2 26	10 36	1 10	16 17	1 3	12 20	2 38	5 4	0 49	12 7	0 31
T 12	4 16	18 6	1 21	11 20	0 20	17 7	2 21	10 22	1 10	16 18	1 3	12 19	2 38	5 5	0 49	12 7	0 31
W13	3 53	13 4	0 13	11 9	0 33	16 58	2 15	10 8	1 10	16 20	1 3	12 18	2 38	5 6	0 49	12 8	0 31
T 14	3 30	7 34	0s55	10 55	0 46	16 50	2 9	9 54	1 10	16 22	1 3	12 17	2 38	5 6	0 49	12 8	0 31
F 15	3 7	1 53	2 0	10 38	0 57	16 41	2 4	9 40	1 10	16 23	1 3	12 16	2 39	5 7	0 49	12 9	0 31
S 16	2 44	3s48	2 58	10 16	1 7	16 31	1 58	9 25	1 10	16 25	1 3	12 15	2 39	5 8	0 49	12 9	0 31
S 17	2 21	9 17	3 48	9 52	1 17	16 21	1 53	9 11	1 10	16 26	1 3	12 14	2 39	5 9	0 49	12 10	0 31
M18	1 58	14 24	4 27	9 25	1 24	16 11	1 47	8 57	1 10	16 28	1 3	12 13	2 39	5 10	0 49	12 10	0 31
T 19	1 35	18 57	4 55	8 55	1 31	16 0	1 42	8 42	1 10	16 29	1 3	12 12	2 39	5 11	0 49	12 11	0 31
W20	1 11	22 46	5 10	8 22	1 37	15 48	1 36	8 28	1 10	16 31	1 3	12 11	2 40	5 12	0 49	12 11	0 31
T 21	0 48	25 40	5 11	7 47	1 42	15 37	1 31	8 13	1 10	16 32	1 3	12 10	2 40	5 13	0 49	12 12	0 31
F 22	0 25	27 27	5 0	7 9	1 45	15 24	1 25	7 59	1 10	16 33	1 3	12 9	2 40	5 14	0 49	12 12	0 31
S 23	0 1	27 56	4 34	6 30	1 48	15 12	1 20	7 44	1 9	16 34	1 3	12 8	2 40	5 15	0 49	12 13	0 31
S 24	0s22	27 3	3 56	5 50	1 50	14 58	1 14	7 29	1 9	16 35	1 3	12 7	2 40	5 16	0 49	12 13	0 31
M25	0 45	24 43	3 4	5 8	1 51	14 45	1 9	7 15	1 9	16 36	1 3	12 6	2 41	5 17	0 49	12 14	0 31
T 26	1 8	21 1	2 2	4 25	1 51	14 30	1 4	7 0	1 9	16 37	1 2	12 4	2 41	5 17	0 49	12 14	0 31
W27	1 32	16 6	0 51	3 40	1 50	14 16	0 59	6 45	1 9	16 38	1 2	12 3	2 41	5 18	0 49	12 15	0 31
T 28	1 55	10 10	0n26	2 55	1 49	14 1	0 53	6 30	1 9	16 39	1 2	12 2	2 41	5 19	0 49	12 15	0 31
F 29	2 18	3 32	1 43	2 10	1 47	13 45	0 48	6 16	1 9	16 40	1 2	12 1	2 41	5 20	0 49	12 15	0 31
S 30	2s42	3n27	2n55	1n24	1n45	13n30	0s43	6n1	1n9	16s41	1s2	11n59	2s41	5s21	0s49	12s16	0s31

Julian Day Number = 2515705.5, Delta T = 141.06 sec

Ecliptic obliquity = 23°25'07, Nutation = 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°11'42, Lahiri = 26°18'43

ASTRODIENST EPHEMERIS for the year 2175

geocentric

OCTOBER 2175

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 39	7 ^h 46 ^m 07 ^s	17 ^h 4 ^m	2 ^h 21 ^m	23 ^h 3 ^m	18 ^h 6 ^m	17 ^h 5 ^m	9 ^h 7 ^m	18 ^h 19 ^m	29 ^h 4 ^m	20 ^h 33 ^m	27 ^h R40	25 ^h 55 ^m	4 ^h 18 ^m	29 ^h R29	S 1
M 2	0 42 35	8 ^h 45 ^m 00 ^s	2 ^h 15 ^m	4 ^h 10 ^m	24 ^h 8 ^m	18 ^h 44 ^m	17 ^h 3 ^m	9 ^h 3 ^m	18 ^h 17 ^m	29 ^h 3 ^m	20 ^h 34 ^m	27 ^h 34 ^m	25 ^h 52 ^m	4 ^h 24 ^m	29 ^h Y26	M 2
T 3	0 46 32	9 ^h 43 ^m 55 ^s	17 ^h 19 ^m	5 ^h 59 ^m	25 ^h 14 ^m	19 ^h 22 ^m	17 ^h 1 ^m	8 ^h 59 ^m	18 ^h 14 ^m	29 ^h 2 ^m	20 ^h 34 ^m	27 ^h 28 ^m	25 ^h 49 ^m	4 ^h 31 ^m	29 ^h 24 ^m	T 3
W 4	0 50 28	10 ^h 42 ^m 51 ^s	2 ^h 11 ^m	7 ^h 48 ^m	26 ^h 20 ^m	20 ^h 0 ^m	16 ^h 59 ^m	8 ^h 56 ^m	18 ^h 12 ^m	29 ^h 0 ^m	20 ^h 35 ^m	27 ^h 23 ^m	25 ^h 46 ^m	4 ^h 38 ^m	29 ^h 21 ^m	W 4
T 5	0 54 25	11 ^h 41 ^m 51 ^s	16 ^h 38 ^m	9 ^h 35 ^m	27 ^h 26 ^m	20 ^h 38 ^m	16 ^h 57 ^m	8 ^h 52 ^m	18 ^h 10 ^m	28 ^h 59 ^m	20 ^h 35 ^m	27 ^h 18 ^m	25 ^h 43 ^m	4 ^h 44 ^m	29 ^h 18 ^m	T 5
F 6	0 58 21	12 ^h 40 ^m 52 ^s	0 ^h 34 ^m	11 ^h 22 ^m	28 ^h 32 ^m	21 ^h 16 ^m	16 ^h 55 ^m	8 ^h 48 ^m	18 ^h 8 ^m	28 ^h 58 ^m	20 ^h 35 ^m	27 ^h 16 ^m	25 ^h 40 ^m	4 ^h 51 ^m	29 ^h 16 ^m	F 6
S 7	1 2 18	13 ^h 39 ^m 56 ^s	14 ^h 19 ^m	13 ^h 8 ^m	29 ^h 38 ^m	21 ^h 54 ^m	16 ^h 54 ^m	8 ^h 44 ^m	18 ^h 6 ^m	28 ^h 57 ^m	20 ^h 36 ^m	27 ^h D15	25 ^h 36 ^m	4 ^h 58 ^m	29 ^h 13 ^m	S 7
S 8	1 6 15	14 ^h 39 ^m 02 ^s	27 ^h 32 ^m	14 ^h 54 ^m	0 ^h 45 ^m	22 ^h 32 ^m	16 ^h 53 ^m	8 ^h 39 ^m	18 ^h 4 ^m	28 ^h 56 ^m	20 ^h 36 ^m	27 ^h 16 ^m	25 ^h 33 ^m	5 ^h 5 ^m	29 ^h 10 ^m	S 8
M 9	1 10 11	15 ^h 38 ^m 11 ^s	10 ^h 25 ^m	16 ^h 38 ^m	1 ^h 52 ^m	23 ^h 10 ^m	16 ^h 52 ^m	8 ^h 35 ^m	18 ^h 2 ^m	28 ^h 55 ^m	20 ^h 36 ^m	27 ^h 17 ^m	25 ^h 30 ^m	5 ^h 11 ^m	29 ^h 8 ^m	M 9
T 10	1 14 8	16 ^h 37 ^m 21 ^s	23 ^h 0 ^m	18 ^h 22 ^m	2 ^h 59 ^m	23 ^h 48 ^m	16 ^h 51 ^m	8 ^h 31 ^m	18 ^h 0 ^m	28 ^h 54 ^m	20 ^h 37 ^m	27 ^h R18	25 ^h 27 ^m	5 ^h 18 ^m	29 ^h 5 ^m	T 10
W11	1 18 4	17 ^h 36 ^m 34 ^s	5 ^h 42 ^m	20 ^h 5 ^m	4 ^h 7 ^m	24 ^h 26 ^m	16 ^h 51 ^m	8 ^h 27 ^m	17 ^h 58 ^m	28 ^h 53 ^m	20 ^h 37 ^m	27 ^h 18 ^m	25 ^h 24 ^m	5 ^h 25 ^m	29 ^h 2 ^m	W11
T 12	1 22 1	18 ^h 35 ^m 49 ^s	17 ^h 32 ^m	21 ^h 47 ^m	5 ^h 14 ^m	25 ^h 4 ^m	16 ^h 51 ^m	8 ^h 22 ^m	17 ^h 56 ^m	28 ^h 52 ^m	20 ^h 37 ^m	27 ^h 15 ^m	25 ^h 21 ^m	5 ^h 31 ^m	28 ^h 59 ^m	T 12
F 13	1 25 57	19 ^h 35 ^m 07 ^s	29 ^h 35 ^m	23 ^h 29 ^m	6 ^h 22 ^m	25 ^h 42 ^m	16 ^h D50	8 ^h 18 ^m	17 ^h 54 ^m	28 ^h 51 ^m	20 ^h 37 ^m	27 ^h 11 ^m	25 ^h 17 ^m	5 ^h 38 ^m	28 ^h 57 ^m	F 13
S 14	1 29 54	20 ^h 34 ^m 26 ^s	11 ^h 32 ^m	25 ^h 9 ^m	7 ^h 30 ^m	26 ^h 20 ^m	16 ^h 50 ^m	8 ^h 13 ^m	17 ^h 52 ^m	28 ^h 50 ^m	20 ^h 38 ^m	27 ^h 4 ^m	25 ^h 14 ^m	5 ^h 45 ^m	28 ^h 54 ^m	S 14
S 15	1 33 50	21 ^h 33 ^m 48 ^s	23 ^h 26 ^m	26 ^h 49 ^m	8 ^h 38 ^m	26 ^h 58 ^m	16 ^h 51 ^m	8 ^h 9 ^m	17 ^h 50 ^m	28 ^h 50 ^m	20 ^h 38 ^m	26 ^h 54 ^m	25 ^h 11 ^m	5 ^h 52 ^m	28 ^h 51 ^m	S 15
M16	1 37 47	22 ^h 33 ^m 11 ^s	5 ^h 18 ^m	28 ^h 29 ^m	9 ^h 46 ^m	27 ^h 36 ^m	16 ^h 51 ^m	8 ^h 4 ^m	17 ^h 48 ^m	28 ^h 49 ^m	20 ^h 38 ^m	26 ^h 44 ^m	25 ^h 8 ^m	5 ^h 58 ^m	28 ^h 48 ^m	M16
T 17	1 41 43	23 ^h 32 ^m 37 ^s	17 ^h 9 ^m	0 ^h 11 ^m	10 ^h 55 ^m	28 ^h 14 ^m	16 ^h 52 ^m	8 ^h 0 ^m	17 ^h 46 ^m	28 ^h 48 ^m	20 ^h 38 ^m	26 ^h 32 ^m	25 ^h 5 ^m	6 ^h 5 ^m	28 ^h 45 ^m	T 17
W18	1 45 40	24 ^h 32 ^m 04 ^s	29 ^h 1 ^m	1 ^h 45 ^m	12 ^h 4 ^m	28 ^h 52 ^m	16 ^h 53 ^m	7 ^h 55 ^m	17 ^h 45 ^m	28 ^h 47 ^m	20 ^h 38 ^m	26 ^h 21 ^m	25 ^h 1 ^m	6 ^h 12 ^m	28 ^h 43 ^m	W18
T 19	1 49 37	25 ^h 31 ^m 34 ^s	10 ^h 57 ^m	3 ^h 22 ^m	13 ^h 12 ^m	29 ^h 30 ^m	16 ^h 54 ^m	7 ^h 51 ^m	17 ^h 43 ^m	28 ^h 47 ^m	20 ^h 38 ^m	26 ^h 12 ^m	24 ^h 58 ^m	6 ^h 18 ^m	28 ^h 40 ^m	T 19
F 20	1 53 33	26 ^h 31 ^m 05 ^s	22 ^h 58 ^m	4 ^h 58 ^m	14 ^h 21 ^m	0 ^h 48 ^m	16 ^h 55 ^m	7 ^h 46 ^m	17 ^h 41 ^m	28 ^h 46 ^m	20 ^h 38 ^m	26 ^h 4 ^m	24 ^h 55 ^m	6 ^h 25 ^m	28 ^h 37 ^m	F 20
S 21	1 57 30	27 ^h 30 ^m 38 ^s	5 ^h 39 ^m	6 ^h 34 ^m	15 ^h 31 ^m	0 ^h 46 ^m	16 ^h 57 ^m	7 ^h 41 ^m	17 ^h 40 ^m	28 ^h 45 ^m	20 ^h 38 ^m	25 ^h 59 ^m	24 ^h 52 ^m	6 ^h 32 ^m	28 ^h 34 ^m	S 21
S 22	2 1 26	28 ^h 30 ^m 13 ^s	17 ^h 33 ^m	8 ^h 9 ^m	16 ^h 40 ^m	1 ^h 24 ^m	16 ^h 58 ^m	7 ^h 37 ^m	17 ^h 38 ^m	28 ^h 45 ^m	20 ^h R38	25 ^h 57 ^m	24 ^h 49 ^m	6 ^h 39 ^m	28 ^h 31 ^m	S 22
M23	2 5 23	29 ^h 29 ^m 49 ^s	0 ^h 34 ^m	9 ^h 44 ^m	17 ^h 49 ^m	2 ^h 2 ^m	17 ^h 0 ^m	7 ^h 32 ^m	17 ^h 36 ^m	28 ^h 44 ^m	20 ^h 38 ^m	25 ^h D56	24 ^h 46 ^m	6 ^h 45 ^m	28 ^h 28 ^m	M23
T 24	2 9 19	0 ^h 12 ^m 29 ^s	13 ^h 17 ^m	11 ^h 18 ^m	18 ^h 59 ^m	2 ^h 40 ^m	17 ^h 2 ^m	7 ^h 27 ^m	17 ^h 35 ^m	28 ^h 43 ^m	20 ^h 38 ^m	25 ^h 57 ^m	24 ^h 42 ^m	6 ^h 52 ^m	28 ^h 26 ^m	T 24
W25	2 13 16	1 ^h 29 ^m 07 ^s	26 ^h 46 ^m	12 ^h 51 ^m	20 ^h 9 ^m	3 ^h 18 ^m	17 ^h 5 ^m	7 ^h 22 ^m	17 ^h 33 ^m	28 ^h 43 ^m	20 ^h 38 ^m	25 ^h R57	24 ^h 39 ^m	6 ^h 59 ^m	28 ^h 23 ^m	W25
T 26	2 17 12	2 ^h 28 ^m 49 ^s	10 ^h 43 ^m	14 ^h 24 ^m	21 ^h 19 ^m	3 ^h 56 ^m	17 ^h 7 ^m	7 ^h 18 ^m	17 ^h 32 ^m	28 ^h 42 ^m	20 ^h 38 ^m	25 ^h 56 ^m	24 ^h 36 ^m	7 ^h 5 ^m	28 ^h 20 ^m	T 26
F 27	2 21 9	3 ^h 28 ^m 32 ^s	25 ^h 9 ^m	15 ^h 56 ^m	22 ^h 29 ^m	4 ^h 34 ^m	17 ^h 10 ^m	7 ^h 13 ^m	17 ^h 30 ^m	28 ^h 42 ^m	20 ^h 38 ^m	25 ^h 53 ^m	24 ^h 33 ^m	7 ^h 12 ^m	28 ^h 17 ^m	F 27
S 28	2 25 6	4 ^h 28 ^m 17 ^s	10 ^h 4 ^m	17 ^h 28 ^m	23 ^h 39 ^m	5 ^h 12 ^m	17 ^h 12 ^m	7 ^h 8 ^m	17 ^h 29 ^m	28 ^h 41 ^m	20 ^h 38 ^m	25 ^h 47 ^m	24 ^h 30 ^m	7 ^h 19 ^m	28 ^h 14 ^m	S 28
S 29	2 29 2	5 ^h 28 ^m 04 ^s	25 ^h 13 ^m	18 ^h 59 ^m	24 ^h 49 ^m	5 ^h 50 ^m	17 ^h 15 ^m	7 ^h 3 ^m	17 ^h 27 ^m	28 ^h 41 ^m	20 ^h 38 ^m	25 ^h 39 ^m	24 ^h 27 ^m	7 ^h 26 ^m	28 ^h 11 ^m	S 29
M30	2 32 59	6 ^h 27 ^m 53 ^s	10 ^h 34 ^m	20 ^h 30 ^m	26 ^h 0 ^m	6 ^h 28 ^m	17 ^h 19 ^m	6 ^h 58 ^m	17 ^h 26 ^m	28 ^h 41 ^m	20 ^h 37 ^m	25 ^h 29 ^m	24 ^h 23 ^m	7 ^h 32 ^m	28 ^h 9 ^m	M30
T 31	2 36 55	7 ^h 12 ^m 74 ^s	25 ^h 35 ^m	22 ^h 11 ^m	27 ^h 10 ^m	7 ^h 46 ^m	17 ^h 22 ^m	6 ^h 54 ^m	17 ^h 25 ^m	28 ^h 40 ^m	20 ^h 37 ^m	25 ^h 29 ^m	24 ^h 20 ^m	7 ^h 11 ^m	28 ^h 6 ^m	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
S 1	3s 5	10n19	3n55	0n37	1n42	13n13	0s38	5n46	1n 9	16s41	1s 2	11n58	2s41	5s22	0s49	12s16	0s31	20n48	1s 4	12s16	12s52	17s26	11n37	0n22			
M 2	3 28	16 37	4 40	0s 9	1 38	12 56	0 33	5 31	1 9	16 42	1 2	11 57	2 42	5 23	0 49	12 17	0 31	20 48	1 4	12 18	12 53	17 29	11 36	0 22			
T 3	3 51	21 51	5 4	0 56	1 34	12 39	0 28	5 16	1 9	16 43	1 2	11 56	2 42	5 24	0 49	12 17	0 31	20 48	1 4	12 20	12 54	17 32	11 35	0 22			
W 4	4 14	25 36	5 8	1 43	1 30	12 22	0 23	5 1	1 9	16 43	1 2	11 54	2 42	5 24	0 49	12 17	0 31	20 48	1 4	12 22	12 55	17 34	11 34	0 22			
T 5	4 37	27 35	4 52	2 29	1 25	12 4	0 19	4 46	1 9	16 43	1 2	11 53	2 42	5 25	0 49	12 18	0 31	20 48	1 4	12 24	12 56	17 37	11 33	0 22			
F 6	5 0	27 43	4 18	3 15	1 21	11 45	0 14	4 31	1 9	16 44	1 2	11 51	2 42	5 26	0 49	12 18	0 31	20 48	1 3	12 25	12 57	17 39	11 32	0 21			
S 7	5 23	26 9	3 31	4 2	1 15	11 27	0 9	4 16	1 9	16 44	1 2	11 50	2 42	5 27	0 49	12 19	0 31	20 48	1 3	12 25	12 58	17 42	11 31	0 21			
S 8	5 46	23 9	2 34	4 47	1 10	11 7	0 5	4 1	1 9	16 44	1 2	11 49	2 42	5 28	0 49	12 19	0 31	20 48	1 3	12 25	12 59	17 44	11 30	0 21			
M 9	6 9	19 3	1 30	5 33	1 4	10 48	0 0	3 46	1 9	16 45	1 1	11 47	2 42	5 28	0 48	12 19	0 31	20 48	1 3	12 24	13 1	17 47	11 29	0 21			
T 10	6 32	14 12	0 23	6 18	0 58	10 28	0n 4	3 31	1 9	16 45	1 1	11 46	2 43	5 29	0 48	12 20	0 31	20 48	1 3	12 24	13 2	17 50	11 28	0 21			
W 11	6 54	8 52	0s43	7 3	0 52	10 8	0 9	3 15	1 8	16 45	1 1	11 44	2 43	5 30	0 48	12 20	0 31	20 48	1 3	12 24	13 3	17 52	11 27	0 21			
T 12	7 17	3 17	1 47	7 47	0 46	9 47	0 13	3 0	1 8	16 45	1 1	11 43	2 43	5 31	0 48	12 20	0 31	20 48	1 3	12 25	13 4	17 55	11 26	0 21			
F 13	7 39	2s21	2 44	8 30	0 39	9 26	0 17	2 45	1 8	16 45	1 1	11 41	2 43	5 31	0 48	12 21	0 31	20 48	1 3	12 26	13 5	17 57	11 25	0 21			
S 14	8 2	7 51	3 34	9 13	0 33	9 5	0 21	2 30	1 8	16 45	1 1	11 40	2 43	5 32	0 48	12 21	0 31	20 48	1 3	12 29	13 6	18 0	11 24	0 21			
S 15	8 24	13 2	4 14	9 56	0 26	8 43	0 25	2 15	1 8	16 44	1 1	11 38	2 43	5 33	0 48	12 21	0 31	20 48	1 3	12 32	13 7	18 2	11 23	0 21			
M 16	8 46	17 43	4 43	10 37	0 19	8 21	0 29	2 0	1 8	16 44	1 1	11 37	2 43	5 33	0 48	12 21	0 31	20 48	1 3	12 36	13 8	18 5	11 22	0 21			
T 17	9 8	21 44	5 0	11 18	0 13	7 59	0 33	1 44	1 8	16 44	1 1	11 35	2 43	5 34	0 48	12 22	0 31	20 48	1 3	12 39	13 9	18 7	11 21	0 21			
W 18	9 30	24 51	5 3	11 59	0 6	7 36	0 37	1 29	1 8	16 44	1 1	11 34	2 43	5 35	0 48	12 22	0 31	20 48	1 3	12 43	13 10	18 10	11 20	0 21			
T 19	9 52	26 55	4 54	12 39	0s 1	7 13	0 41	1 14	1 8	16 43	1 1	11 32	2 43	5 35	0 48	12 22	0 31	20 48	1 3	12 46	13 11	18 13	11 19	0 21			
F 20	10 13	27 45	4 31	13 18	0 8	6 50	0 44	0 59	1 8	16 43	1 0	11 31	2 43	5 36	0 48	12 22	0 31	20 48	1 3	12 49	13 12	18 15	11 17	0 20			
S 21	10 35	27 15	3 56	13 56	0 15	6 27	0 48	0 44	1 8	16 42	1 0	11 29	2 43	5 37	0 48	12 23	0 31	20 48	1 3	12 51	13 13	18 18	11 16	0 20			
S 22	10 56	25 24	3 10	14 33	0 22	6 3	0 51	0 28	1 7	16 42	1 0	11 28	2 43	5 37	0 48	12 23	0 31	20 48	1 3	12 52	13 14	18 20	11 15	0 20			
M 23	11 17	22 14	2 12	15 10	0 29	5 39	0 55	0 13	1 7	16 41	1 0	11 26	2 43	5 38	0 48	12 23	0 31	20 48	1 3	12 52	13 15	18 23	11 14	0 20			
T 24	11 38	17 53	1 7	15 46	0 35	5 15	0 58	0s 2	1 7	16 40	1 0	11 25	2 43	5 39	0 48	12 23	0 31	20 48	1 3	12 52	13 17	18 25	11 13	0 20			
W 25	11 59	12 31	0n 4	16 21	0 42	4 50	1 1	0 17	1 7	16 39	1 0	11 23	2 43	5 39	0 48	12 23	0 31	20 48	1 3	12 51	13 18	18 28	11 12	0 20			
T 26	12 19	6 20	1 18	16 55	0 49	4 26	1 4	0 32	1 7	16 38	1 0	11 22	2 43	5 40	0 48	12 24	0 31	20 48	1 3	12 52	13 19	18 30	11 11	0 20			
F 27	12 40	0n21	2 29	17 29	0 55	4 1	1 8	0 47	1 7	16 38	1 0	11 20	2 43	5 40	0 48	12 24	0 31	20 48	1 3	12 53	13 20	18 33	11 10	0 20			
S 28	13 0	7 12	3 31	18 1	1 2	3 36	1 10	1 3	1 7	16 37	1 0	11 18	2 43	5 41	0 48	12 24	0 31	20 48	1 3	12 55	13 21	18 35	11 9	0 20			
S 29	13 20	13 47	4 20	18 33	1 9	3 11	1 13	1 18	1 7	16 36	0 59	11 17	2 43	5 41	0 48	12 24	0 31	20 48	1 3	12 57	13 22	18 37	11 8	0 20			
M 30	13 40	19 35	4 51	19 4	1 15	2 45	1 16	1 33	1 6	16 35	0 59	11 15	2 43	5 42	0 48	12 24	0 31	20 48	1 3	13 1	13 23	18 40	11 7	0 20			
T 31	13s59	24n 5	5n 1	19s33	1s21	2n20	1n19	1s48	1n 6	16s33	0s59	11n14	2s43	5s42	0s48	12s24	0s31	20n48	1s 3	13s 4	13s24	18s42	11n 6	0n20			

ASTRODIENST EPHEMERIS for the year 2175
geocentric

NOVEMBER 2175

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 52	8♍27°37	10♊59	23♍29	28♍21	7♎44	17♎26	6°R49	17°R24	28°R40	20°R37	25°R 9	24♎17	7♍46	28°R 3	W 1
T 2	2 44 48	9°27'32	25°43	24°58	29°32	8°22	17°30	6♎44	17°R22	28°R40	20°R37	25°R 1	24°14	7°52	28°R 0	T 2
F 3	2 48 45	10°27'29	9♎58	26°26	0♎43	9° 0	17°34	6°39	17°21	28°39	20°36	24°55	24°11	7°59	27°58	F 3
S 4	2 52 41	11°27'28	23°44	27°54	1°54	9°38	17°38	6°34	17°20	28°39	20°36	24°52	24° 7	8° 6	27°55	S 4
S 5	2 56 38	12°27'29	7♎ 0	29°21	3° 5	10°16	17°42	6°30	17°19	28°39	20°36	24°51	24° 4	8°13	27°52	S 5
M 6	3 0 35	13°27'33	19°52	0♎48	4°17	10°54	17°47	6°25	17°18	28°39	20°35	24°50	24° 1	8°19	27°49	M 6
T 7	3 4 31	14°27'39	2♍22	2°14	5°28	11°32	17°51	6°20	17°17	28°39	20°35	24°50	23°58	8°26	27°47	T 7
W 8	3 8 28	15°27'46	14°37	3°39	6°40	12°10	17°56	6°15	17°16	28°39	20°35	24°49	23°55	8°33	27°44	W 8
T 9	3 12 24	16°27'56	26°40	5° 4	7°52	12°48	18° 1	6°11	17°15	28°39	20°34	24°45	23°52	8°39	27°41	T 9
F 10	3 16 21	17°28'08	8♎36	6°28	9° 3	13°26	18° 6	6° 6	17°14	28°D39	20°34	24°39	23°48	8°46	27°39	F 10
S 11	3 20 17	18°28'21	20°28	7°51	10°15	14° 4	18°12	6° 1	17°14	28°39	20°33	24°29	23°45	8°53	27°36	S 11
S 12	3 24 14	19°28'37	2♍19	9°13	11°27	14°42	18°17	5°57	17°13	28°39	20°33	24°17	23°42	9° 0	27°33	S 12
M13	3 28 10	20°28'54	14°10	10°34	12°40	15°20	18°23	5°52	17°12	28°39	20°32	24° 2	23°39	9° 6	27°31	M13
T 14	3 32 7	21°29'14	26° 4	11°54	13°52	15°58	18°29	5°47	17°11	28°39	20°32	23°47	23°36	9°13	27°28	T 14
W15	3 36 4	22°29'35	8♎ 2	13°13	15° 4	16°36	18°35	5°43	17°11	28°39	20°31	23°33	23°32	9°20	27°26	W15
T 16	3 40 0	23°29'57	20° 4	14°31	16°16	17°14	18°42	5°38	17°10	28°39	20°30	23°20	23°29	9°27	27°23	T 16
F 17	3 43 57	24°30'21	2♎12	15°47	17°29	17°52	18°48	5°34	17°10	28°39	20°30	23° 9	23°26	9°33	27°21	F 17
S 18	3 47 53	25°30'47	14°28	17° 2	18°41	18°29	18°55	5°30	17° 9	28°40	20°29	23° 1	23°23	9°40	27°19	S 18
S 19	3 51 50	26°31'14	26°55	18°14	19°54	19° 7	19° 1	5°25	17° 9	28°40	20°29	22°57	23°20	9°47	27°16	S 19
M20	3 55 46	27°31'42	9♎37	19°25	21° 7	19°45	19° 8	5°21	17° 9	28°40	20°28	22°55	23°17	9°53	27°14	M20
T 21	3 59 43	28°32'12	22°36	20°33	22°20	20°23	19°15	5°17	17° 8	28°41	20°27	22°55	23°13	10° 0	27°11	T 21
W22	4 3 40	29°32'43	5♎56	21°39	23°32	21° 1	19°23	5°13	17° 8	28°41	20°27	22°54	23°10	10° 7	27° 9	W22
T 23	4 7 36	0♎33'15	19°42	22°41	24°45	21°39	19°30	5° 8	17° 8	28°41	20°26	22°53	23° 7	10°14	27° 7	T 23
F 24	4 11 33	1°33'48	3♎53	23°40	25°58	22°17	19°38	5° 4	17° 8	28°42	20°25	22°50	23° 4	10°20	27° 5	F 24
S 25	4 15 29	2°34'22	18°30	24°35	27°11	22°55	19°45	5° 0	17° 8	28°42	20°24	22°45	23° 1	10°27	27° 2	S 25
S 26	4 19 26	3°34'58	3♎28	25°26	28°25	23°33	19°53	4°57	17°D 8	28°43	20°23	22°36	22°58	10°34	27° 0	S 26
M27	4 23 22	4°35'35	18°40	26°12	29°38	24°11	20° 1	4°53	17° 8	28°44	20°23	22°26	22°54	10°40	26°58	M27
T 28	4 27 19	5°36'13	3♎55	26°52	0♎51	24°49	20° 9	4°49	17° 8	28°44	20°22	22°14	22°51	10°47	26°56	T 28
W29	4 31 15	6°36'53	19° 3	27°25	2° 4	25°27	20°18	4°45	17° 8	28°45	20°21	22° 4	22°48	10°54	26°54	W29
T 30	4 35 12	7♎37'34	3♎52	27°52	3♎18	26° 5	20°26	4♎42	17°R 8	28°45	20°20	22°54	22°45	11♎ 1	26°Y52	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	14s19	26n51	4n50	20s 2	1s27	1n54	1n21	2s 3	1n 6	16s32	0s59	11n12	2s43	5s43	0s48	12s24	0s31	20n48	1s 3	13s 8	13s25	18s45	11n 4	0n19	
T 2	14 38	27 41	4 20	20 30	1 33	1 28	1 24	2 18	1 6	16 31	0 59	11 11	2 43	5 43	0 48	12 25	0 31	20 49	1 3	13 10	13 26	18 47	11 3	0 19	
F 3	14 57	26 36	3 34	20 57	1 39	1 2	1 26	2 33	1 6	16 30	0 59	11 9	2 43	5 44	0 48	12 25	0 31	20 49	1 3	13 12	13 27	18 50	11 2	0 19	
S 4	15 15	23 55	2 37	21 22	1 45	0 36	1 29	2 48	1 6	16 28	0 59	11 8	2 43	5 44	0 48	12 25	0 31	20 49	1 2	13 13	13 28	18 52	11 1	0 19	
S 5	15 34	20 0	1 33	21 47	1 50	0 10	1 31	3 3	1 6	16 27	0 59	11 6	2 43	5 44	0 48	12 25	0 31	20 49	1 2	13 14	13 29	18 55	11 0	0 19	
M 6	15 52	15 16	0 26	22 11	1 55	0s17	1 33	3 18	1 5	16 25	0 59	11 5	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 30	18 57	10 59	0 19	
T 7	16 10	10 0	0s40	22 33	2 0	0 43	1 35	3 33	1 5	16 24	0 59	11 3	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 31	19 0	10 58	0 19	
W 8	16 27	4 29	1 43	22 55	2 5	1 10	1 37	3 48	1 5	16 22	0 58	11 2	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 14	13 32	19 2	10 57	0 19	
T 9	16 45	1s 7	2 40	23 15	2 10	1 36	1 39	4 3	1 5	16 20	0 58	11 0	2 43	5 45	0 48	12 25	0 31	20 49	1 2	13 16	13 33	19 4	10 56	0 19	
F 10	17 2	6 36	3 29	23 34	2 14	2 3	1 40	4 18	1 5	16 19	0 58	10 59	2 43	5 46	0 48	12 25	0 31	20 49	1 2	13 18	13 34	19 7	10 55	0 19	
S 11	17 19	11 50	4 9	23 52	2 18	2 30	1 42	4 33	1 5	16 17	0 58	10 57	2 43	5 46	0 47	12 25	0 31	20 49	1 2	13 21	13 35	19 9	10 54	0 19	
S 12	17 35	16 36	4 38	24 9	2 22	2 56	1 43	4 48	1 4	16 15	0 58	10 56	2 42	5 46	0 47	12 25	0 31	20 49	1 2	13 25	13 37	19 12	10 53	0 19	
M13	17 51	20 46	4 55	24 24	2 25	3 23	1 45	5 3	1 4	16 13	0 58	10 55	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 30	13 38	19 14	10 52	0 18	
T 14	18 7	24 5	4 59	24 39	2 28	3 50	1 46	5 17	1 4	16 11	0 58	10 53	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 35	13 39	19 16	10 51	0 18	
W15	18 23	26 24	4 50	24 52	2 31	4 17	1 47	5 32	1 4	16 9	0 58	10 52	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 40	13 40	19 19	10 50	0 18	
T 16	18 38	27 30	4 28	25 3	2 33	4 43	1 49	5 47	1 4	16 7	0 58	10 51	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 44	13 41	19 21	10 49	0 18	
F 17	18 53	27 17	3 53	25 13	2 35	5 10	1 50	6 1	1 3	16 5	0 57	10 49	2 42	5 47	0 47	12 25	0 31	20 50	1 2	13 47	13 42	19 24	10 48	0 18	
S 18	19 7	25 45	3 8	25 22	2 36	5 37	1 51	6 16	1 3	16 3	0 57	10 48	2 42	5 48	0 47	12 24	0 31	20 50	1 2	13 50	13 43	19 26	10 47	0 18	
S 19	19 22	22 55	2 13	25 30	2 37	6 3	1 51	6 31	1 3	16 1	0 57	10 47	2 42	5 48	0 47	12 24	0 31	20 50	1 2	13 51	13 44	19 28	10 46	0 18	
M20	19 35	18 57	1 10	25 36	2 37	6 30	1 52	6 45	1 3	15 59	0 57	10 45	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 45	19 31	10 45	0 18	
T 21	19 49	14 0	0 2	25 41	2 36	6 56	1 53	7 0	1 3	15 56	0 57	10 44	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 46	19 33	10 44	0 18	
W22	20 2	8 16	1n 8	25 44	2 35	7 23	1 53	7 14	1 2	15 54	0 57	10 43	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 47	19 35	10 43	0 18	
T 23	20 15	1 59	2 16	25 46	2 33	7 49	1 54	7 28	1 2	15 52	0 57	10 42	2 41	5 48	0 47	12 24	0 31	20 51	1 2	13 52	13 48	19 38	10 43	0 18	
F 24	20 27	4n35	3 18	25 46	2 31	8 15	1 54	7 43	1 2	15 49	0 57	10 40	2 41	5 48	0 47	12 24	0 30	20 51	1 2	13 53	13 49	19 40	10 42	0 17	
S 25	20 39	11 5	4 9	25 45	2 27	8 41	1 55	7 57	1 2	15 47	0 57	10 39	2 41	5 48	0 47	12 23	0 30	20 51	1 2	13 55	13 50	19 42	10 41	0 17	
S 26	20 51	17 7	4 44	25 43	2 23	9 7	1 55	8 11	1 2	15 44	0 57	10 38	2 40	5 48	0 47	12 23	0 30	20 51	1 2	13 58	13 51	19 45	10 40	0 17	
M27	21 2	22 10	5 0	25 39	2 17	9 32	1 55	8 25	1 1	15 41	0 57	10 37	2 40	5 48	0 47	12 23	0 30	20 52	1 2	14 1	13 52	19 47	10 39	0 17	
T 28	21 13	25 44	4 54	25 33	2 11	9 58	1 55	8 39	1 1	15 39	0 56	10 36	2 40	5 48	0 47	12 23	0 30	20 52	1 2	14 5	13 53	19 49	10 38	0 17	
W29	21 24	27 25	4 28	25 26	2 3	10 23	1 55	8 53	1 1	15 36	0 56	10 35	2 40	5 48	0 47	12 23	0 30	20 52	1 1	14 9	13 54	19 52	10 37	0 17	
T 30	21s34	27n 6	3n44	25s18	1s54	10s48	1n55	9s 7	1n 1	15s33	0s56	10n34	2s40	5s48	0s47	12s22	0s30	20n52	1s 1	14s12	13s55	19s54	10n37	0n17	

ASTRODIENST EPHEMERIS for the year 2175
geocentric

DECEMBER 2175

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	4 39 9	8°38'17	18°16	28°11	4♌31	26♌43	20♌35	4°R38	17°8	28°46	20°R19	21°R48	22°42	11♌7	26°R50	F 1
S 2	4 43 5	9°39'01	2♌11	28°21	5°45	27°21	20°43	4♌34	17°8	28°47	20°18	21°44	22°39	11°14	26°Y48	S 2
S 3	4 47 2	10°39'47	15°35	28°R21	6°58	27°58	20°52	4°31	17°9	28°48	20°17	21°42	22°35	11°21	26°46	S 3
M 4	4 50 58	11°40'34	28°33	28°11	8°12	28°36	21°1	4°28	17°9	28°48	20°16	21°D42	22°32	11°27	26°45	M 4
T 5	4 54 55	12°41'22	11°7	27°51	9°26	29°14	21°10	4°24	17°9	28°49	20°16	21°R43	22°29	11°34	26°43	T 5
W 6	4 58 51	13°42'12	23°22	27°19	10°40	29°52	21°20	4°21	17°10	28°50	20°15	21°42	22°26	11°41	26°41	W 6
T 7	5 2 48	14°43'03	5°25	26°36	11°53	0♌30	21°29	4°18	17°10	28°51	20°14	21°40	22°23	11°48	26°39	T 7
F 8	5 6 44	15°43'56	17°19	25°43	13°7	1°8	21°38	4°15	17°11	28°52	20°13	21°35	22°19	11°54	26°38	F 8
S 9	5 10 41	16°44'50	29°9	24°39	14°21	1°46	21°48	4°12	17°12	28°53	20°12	21°28	22°16	12°1	26°36	S 9
S 10	5 14 38	17°45'45	11♌0	23°28	15°35	2°24	21°58	4°9	17°12	28°54	20°11	21°18	22°13	12°8	26°35	S 10
M 11	5 18 34	18°46'41	22°54	22°10	16°49	3°2	22°8	4°7	17°13	28°55	20°10	21°6	22°10	12°15	26°33	M 11
T 12	5 22 31	19°47'39	4°52	20°48	18°3	3°40	22°18	4°4	17°14	28°56	20°8	20°54	22°7	12°21	26°32	T 12
W 13	5 26 27	20°48'37	16°57	19°25	19°17	4°18	22°28	4°2	17°14	28°57	20°7	20°42	22°4	12°28	26°30	W 13
T 14	5 30 24	21°49'37	29°10	18°3	20°31	4°55	22°38	3°59	17°15	28°58	20°6	20°31	22°0	12°35	26°29	T 14
F 15	5 34 20	22°50'37	11°31	16°46	21°46	5°33	22°48	3°57	17°16	28°59	20°5	20°22	21°57	12°41	26°28	F 15
S 16	5 38 17	23°51'38	24°2	15°36	23°0	6°11	22°59	3°55	17°17	29°1	20°4	20°16	21°54	12°48	26°26	S 16
S 17	5 42 13	24°52'40	6°42	14°34	24°14	6°49	23°10	3°52	17°18	29°2	20°3	20°13	21°51	12°55	26°25	S 17
M 18	5 46 10	25°53'42	19°34	13°43	25°28	7°27	23°20	3°50	17°19	29°3	20°2	20°D12	21°48	13°2	26°24	M 18
T 19	5 50 7	26°54'45	2°41	13°2	26°43	8°5	23°31	3°48	17°20	29°4	20°1	20°12	21°45	13°8	26°23	T 19
W 20	5 54 3	27°55'48	16°3	12°32	27°57	8°42	23°42	3°47	17°22	29°6	20°0	20°13	21°41	13°15	26°22	W 20
T 21	5 58 0	28°56'51	29°43	12°13	29°11	9°20	23°53	3°45	17°23	29°7	19°58	20°R14	21°38	13°22	26°21	T 21
F 22	6 1 56	29°57'55	13°Y42	12°D 5	0°26	9°58	24°4	3°43	17°24	29°8	19°57	20°13	21°35	13°28	26°20	F 22
S 23	6 5 53	0°58'59	28°1	12°7	1°40	10°36	24°15	3°42	17°25	29°10	19°56	20°10	21°32	13°35	26°19	S 23
S 24	6 9 49	2°0'04	12°8	12°18	2°55	11°14	24°27	3°40	17°27	29°11	19°55	20°5	21°29	13°42	26°19	S 24
M 25	6 13 46	3°1'08	27°25	12°38	4°9	11°51	24°38	3°39	17°28	29°12	19°54	19°58	21°25	13°49	26°18	M 25
T 26	6 17 42	4°2'13	12°18	13°5	5°24	12°29	24°50	3°38	17°30	29°14	19°52	19°51	21°22	13°55	26°17	T 26
W 27	6 21 39	5°3'19	27°7	13°40	6°38	13°7	25°1	3°37	17°31	29°15	19°51	19°43	21°19	14°2	26°16	W 27
T 28	6 25 36	6°4'25	11°45	14°21	7°53	13°45	25°13	3°36	17°33	29°17	19°50	19°37	21°16	14°9	26°16	T 28
F 29	6 29 32	7°5'31	26°3	15°7	9°7	14°23	25°25	3°35	17°34	29°18	19°49	19°33	21°13	14°16	26°15	F 29
S 30	6 33 29	8°6'37	9°58	15°58	10°22	15°0	25°37	3°34	17°36	29°20	19°48	19°31	21°10	14°22	26°15	S 30
S 31	6 37 25	9°7'44	23°27	16°53	11°36	15°38	25°49	3°34	17°38	29°22	19°46	19°D30	21°6	14°29	26°Y15	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	21s43	24n56	2n47	25s 8	1s43	11s13	1n55	9s21	1n 0	15s30	0s56	10n33	2s40	5s48	0s47	12s22	0s30	20n52	1s 1	14s14	13s56	19s56	10n36	0n17	
S 2	21 53	21 18	1 42	24 56	1 32	11 38	1 54	9 35	1 0	15 28	0 56	10 32	2 39	5 48	0 47	12 22	0 30	20 52	1 1	14 15	13 57	19 59	10 35	0 17	
S 3	22 2	16 40	0 32	24 43	1 19	12 2	1 54	9 49	1 0	15 25	0 56	10 31	2 39	5 47	0 47	12 22	0 30	20 53	1 1	14 15	13 58	20 1	10 34	0 17	
M 4	22 10	11 24	0s36	24 28	1 4	12 26	1 53	10 3	1 0	15 22	0 56	10 30	2 39	5 47	0 47	12 21	0 30	20 53	1 1	14 15	13 59	20 3	10 34	0 17	
T 5	22 18	5 50	1 41	24 12	0 48	12 50	1 53	10 16	0 59	15 19	0 56	10 29	2 39	5 47	0 47	12 21	0 30	20 53	1 1	14 15	14 0	20 5	10 33	0 16	
W 6	22 26	0 11	2 40	23 54	0 31	13 14	1 52	10 30	0 59	15 16	0 56	10 28	2 38	5 47	0 46	12 21	0 30	20 53	1 1	14 16	14 1	20 8	10 32	0 16	
T 7	22 33	5s22	3 30	23 34	0 12	13 37	1 51	10 43	0 59	15 13	0 56	10 28	2 38	5 47	0 46	12 20	0 30	20 53	1 1	14 16	14 2	20 10	10 31	0 16	
F 8	22 39	10 39	4 11	23 13	0n 7	14 0	1 51	10 57	0 58	15 9	0 56	10 27	2 38	5 46	0 46	12 20	0 30	20 54	1 1	14 18	14 4	20 12	10 31	0 16	
S 9	22 46	15 32	4 40	22 51	0 28	14 23	1 50	11 10	0 58	15 6	0 56	10 26	2 38	5 46	0 46	12 20	0 30	20 54	1 1	14 20	14 5	20 15	10 30	0 16	
S 10	22 51	19 50	4 58	22 28	0 48	14 45	1 49	11 23	0 58	15 3	0 55	10 25	2 38	5 46	0 46	12 19	0 30	20 54	1 1	14 23	14 6	20 17	10 29	0 16	
M11	22 57	23 21	5 2	22 3	1 8	15 7	1 48	11 37	0 58	15 0	0 55	10 25	2 37	5 45	0 46	12 19	0 30	20 54	1 1	14 27	14 7	20 19	10 29	0 16	
T 12	23 2	25 54	4 54	21 39	1 27	15 29	1 47	11 50	0 57	14 56	0 55	10 24	2 37	5 45	0 46	12 19	0 30	20 54	1 1	14 31	14 8	20 21	10 28	0 16	
W13	23 6	27 17	4 32	21 15	1 45	15 50	1 45	12 3	0 57	14 53	0 55	10 23	2 37	5 45	0 46	12 18	0 30	20 55	1 1	14 35	14 9	20 24	10 28	0 16	
T 14	23 10	27 22	3 57	20 52	2 2	16 11	1 44	12 16	0 57	14 50	0 55	10 23	2 37	5 44	0 46	12 18	0 30	20 55	1 1	14 38	14 10	20 26	10 27	0 16	
F 15	23 14	26 6	3 11	20 30	2 16	16 32	1 43	12 29	0 56	14 46	0 55	10 22	2 36	5 44	0 46	12 17	0 30	20 55	1 1	14 41	14 11	20 28	10 27	0 16	
S 16	23 17	23 30	2 15	20 11	2 28	16 52	1 41	12 41	0 56	14 43	0 55	10 22	2 36	5 44	0 46	12 17	0 30	20 55	1 1	14 43	14 12	20 30	10 26	0 15	
S 17	23 19	19 44	1 12	19 54	2 38	17 12	1 40	12 54	0 56	14 39	0 55	10 21	2 36	5 43	0 46	12 17	0 30	20 55	1 1	14 44	14 13	20 32	10 26	0 15	
M18	23 21	14 59	0 3	19 41	2 46	17 31	1 38	13 7	0 55	14 36	0 55	10 21	2 35	5 43	0 46	12 16	0 30	20 56	1 1	14 44	14 14	20 35	10 25	0 15	
T 19	23 23	9 29	1n 7	19 31	2 51	17 50	1 37	13 19	0 55	14 32	0 55	10 20	2 35	5 42	0 46	12 16	0 30	20 56	1 1	14 44	14 15	20 37	10 25	0 15	
W20	23 24	3 26	2 14	19 24	2 54	18 8	1 35	13 32	0 55	14 28	0 55	10 20	2 35	5 42	0 46	12 15	0 30	20 56	1 0	14 44	14 16	20 39	10 24	0 15	
T 21	23 25	2n53	3 16	19 21	2 55	18 26	1 34	13 44	0 54	14 25	0 55	10 20	2 35	5 41	0 46	12 15	0 30	20 56	1 0	14 44	14 17	20 41	10 24	0 15	
F 22	23 25	9 12	4 7	19 20	2 55	18 44	1 32	13 56	0 54	14 21	0 55	10 19	2 34	5 41	0 46	12 14	0 30	20 56	1 0	14 44	14 18	20 43	10 23	0 15	
S 23	23 25	15 11	4 45	19 22	2 53	19 1	1 30	14 8	0 54	14 17	0 55	10 19	2 34	5 40	0 46	12 14	0 30	20 57	1 0	14 45	14 19	20 46	10 23	0 15	
S 24	23 24	20 27	5 5	19 27	2 49	19 17	1 28	14 20	0 53	14 13	0 55	10 19	2 34	5 40	0 46	12 13	0 30	20 57	1 0	14 47	14 20	20 48	10 22	0 15	
M25	23 23	24 30	5 5	19 34	2 45	19 33	1 26	14 32	0 53	14 9	0 54	10 19	2 34	5 39	0 46	12 13	0 30	20 57	1 0	14 49	14 21	20 50	10 22	0 15	
T 26	23 21	26 57	4 44	19 42	2 40	19 48	1 24	14 44	0 53	14 5	0 54	10 19	2 33	5 38	0 46	12 12	0 30	20 57	1 0	14 51	14 22	20 52	10 22	0 15	
W27	23 19	27 28	4 5	19 53	2 34	20 3	1 22	14 56	0 52	14 1	0 54	10 19	2 33	5 38	0 46	12 12	0 30	20 58	1 0	14 53	14 23	20 54	10 21	0 14	
T 28	23 17	26 3	3 10	20 4	2 27	20 17	1 20	15 8	0 52	13 57	0 54	10 19	2 33	5 37	0 46	12 11	0 30	20 58	1 0	14 55	14 24	20 56	10 21	0 14	
F 29	23 14	22 56	2 3	20 16	2 20	20 31	1 18	15 19	0 51	13 53	0 54	10 19	2 32	5 36	0 46	12 11	0 30	20 58	1 0	14 57	14 25	20 59	10 21	0 14	
S 30	23 10	18 34	0 51	20 29	2 12	20 44	1 16	15 31	0 51	13 49	0 54	10 19	2 32	5 36	0 46	12 10	0 30	20 58	1 0	14 57	14 26	21 1	10 21	0 14	
S 31	23s 6	13n21	0s21	20s43	2n 4	20s57	1n14	15s42	0n51	13s45	0s54	10n19	2s32	5s35	0s46	12s10	0s30	20n59	1s 0	14s57	14s27	21s 3	10n20	0n14	