



Astrodienst Ephemeris Tables for the year 1995

tropical 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 1995

MAY 1995

00:00 UT

Main table with 18 columns: Day, Sid.t, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♆, ♇, ♈, ♉, ♀, ☿, Day. Rows 1-31 for May 1995.

Main table with 18 columns: Day, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♆, ♇, ♈, ♉, ♀, ☿, Day. Rows 1-31 for May 1995 with detailed planetary coordinates.

Julian Day Number = 2449838.5, Delta T = 61.07 sec
Ecliptic obliquity = 23°26'16", Nutation = 0°00'09"
Ayanamsha: Fagan/Bradley = 24°40'31", Lahiri = 23°47'30"

ASTRODIENST EPHEMERIS for the year 1995

AUGUST 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	Day
T 1	20 36 33	8♏18'16	29♐15	12♌40	2♊48	6♉21	5°R32	24°R13	28°R 5	23°R46	27°R50	29°R58	0♌32	23♈23	24♐46	T 1
W 2	20 40 29	9°15'40	12♌23	14°41	4° 2	6°57	5♁32	24♐10	28♁ 3	23♁44	27♌50	29♌55	0°29	23°30	24°53	W 2
T 3	20 44 26	10°13'05	25°46	16°41	5°16	7°34	5°D32	24° 8	28° 1	23°43	27°50	29°D54	0°26	23°36	25° 0	T 3
F 4	20 48 22	11°10'31	9♌25	18°40	6°29	8°10	5°32	24° 5	27°58	23°41	27°49	29°R54	0°23	23°43	25° 7	F 4
S 5	20 52 19	12° 7'57	23°22	20°37	7°43	8°47	5°32	24° 2	27°56	23°40	27°49	29°54	0°20	23°50	25°14	S 5
S 6	20 56 15	13° 5'24	7♁37	22°32	8°57	9°24	5°33	24° 0	27°54	23°38	27°49	29°52	0°17	23°57	25°22	S 6
M 7	21 0 12	14° 2'51	22° 8	24°26	10°11	10° 1	5°34	23°57	27°51	23°37	27°49	29°48	0°13	24° 3	25°29	M 7
T 8	21 4 8	15° 0'20	6♁31	26°19	11°25	10°38	5°34	23°54	27°49	23°35	27°49	29°41	0°10	24°10	25°36	T 8
W 9	21 8 5	15°57'49	21°41	28°10	12°39	11°15	5°35	23°51	27°47	23°34	27°D49	29°32	0° 7	24°17	25°44	W 9
T 10	21 12 2	16°55'19	6♁29	29°59	13°53	11°52	5°37	23°47	27°45	23°32	27°49	29°22	0° 4	24°23	25°51	T 10
F 11	21 15 58	17°52'50	21° 8	1♐47	15° 8	12°29	5°38	23°44	27°42	23°31	27°49	29°11	0° 1	24°30	25°59	F 11
S 12	21 19 55	18°50'22	5♁29	3°33	16°22	13° 7	5°40	23°41	27°40	23°30	27°49	29° 2	29♌58	24°37	26° 6	S 12
S 13	21 23 51	19°47'56	19°26	5°18	17°36	13°44	5°42	23°38	27°38	23°28	27°49	28°55	29°54	24°43	26°14	S 13
M14	21 27 48	20°45'31	2♐58	7° 1	18°50	14°22	5°44	23°34	27°36	23°27	27°49	28°49	29°51	24°50	26°22	M14
T 15	21 31 44	21°43'07	16° 3	8°43	20° 4	14°59	5°46	23°31	27°34	23°25	27°50	28°47	29°48	24°57	26°29	T 15
W16	21 35 41	22°40'44	28°44	10°23	21°18	15°37	5°48	23°27	27°32	23°24	27°50	28°D46	29°45	25° 3	26°37	W16
T 17	21 39 37	23°38'23	11♁ 6	12° 2	22°32	16°15	5°50	23°23	27°29	23°23	27°50	28°47	29°42	25°10	26°45	T 17
F 18	21 43 34	24°36'04	23°12	13°39	23°47	16°53	5°53	23°20	27°27	23°21	27°50	28°R47	29°38	25°17	26°53	F 18
S 19	21 47 30	25°33'46	5♐ 7	15°15	25° 1	17°31	5°56	23°16	27°25	23°20	27°51	28°47	29°35	25°24	27° 1	S 19
S 20	21 51 27	26°31'30	16°58	16°49	26°15	18° 9	5°59	23°12	27°23	23°19	27°51	28°44	29°32	25°30	27° 9	S 20
M21	21 55 24	27°29'16	28°49	18°22	27°29	18°47	6° 2	23° 8	27°21	23°17	27°52	28°40	29°29	25°37	27°17	M21
T 22	21 59 20	28°27'03	10♁44	19°54	28°43	19°25	6° 6	23° 4	27°19	23°16	27°52	28°33	29°26	25°44	27°25	T 22
W23	22 3 17	29°24'52	22°47	21°24	29°58	20° 3	6° 9	23° 0	27°18	23°15	27°52	28°24	29°23	25°50	27°33	W23
T 24	22 7 13	0♐22'42	5♌ 1	22°53	1♐12	20°42	6°13	22°56	27°16	23°14	27°53	28°14	29°19	25°57	27°41	T 24
F 25	22 11 10	1°20'34	17°26	24°20	2°26	21°20	6°17	22°52	27°14	23°13	27°53	28° 4	29°16	26° 4	27°49	F 25
S 26	22 15 6	2°18'27	0♐ 5	25°45	3°41	21°59	6°21	22°48	27°12	23°11	27°54	27°54	29°13	26°10	27°57	S 26
S 27	22 19 3	3°16'22	12°57	27° 9	4°55	22°38	6°25	22°44	27°10	23°10	27°55	27°45	29°10	26°17	28° 5	S 27
M28	22 22 59	4°14'19	26° 1	28°32	6° 9	23°16	6°29	22°40	27° 8	23° 9	27°55	27°39	29° 7	26°24	28°14	M28
T 29	22 26 56	5°12'16	9♁17	29°53	7°24	23°55	6°34	22°35	27° 7	23° 8	27°56	27°35	29° 3	26°31	28°22	T 29
W30	22 30 53	6°10'16	22°44	1♉12	8°38	24°34	6°39	22°31	27° 5	23° 7	27°57	27°D34	29° 0	26°37	28°30	W30
T 31	22 34 49	7♐ 8'16	6♌21	2♉30	9♐53	25°13	6°44	22°27	27♁ 3	23♁ 6	27♌57	27♁34	28♌57	26♐44	28♐39	T 31

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n11	2s 4	2s35	18n42	1n46	20n23	0n53	2s16	0n16	20s37	0n37	4s21	2s14	21s 6	0s34	20s48	0n33
W 2	17 56	6 18	1 31	18 7	1 47	20 8	0 55	2 31	0 16	20 37	0 37	4 22	2 15	21 7	0 34	20 49	0 33
T 3	17 41	10 18	0 22	17 31	1 46	19 52	0 56	2 46	0 15	20 37	0 37	4 24	2 15	21 7	0 34	20 49	0 33
F 4	17 25	13 50	0n50	16 54	1 45	19 35	0 58	3 2	0 14	20 38	0 36	4 25	2 15	21 8	0 34	20 49	0 33
S 5	17 9	16 40	2 1	16 15	1 43	19 18	1 0	3 17	0 13	20 38	0 36	4 26	2 15	21 8	0 34	20 49	0 33
S 6	16 53	18 32	3 6	15 35	1 41	19 0	1 1	3 32	0 12	20 38	0 36	4 27	2 15	21 8	0 34	20 50	0 33
M 7	16 37	19 13	4 0	14 55	1 38	18 42	1 3	3 47	0 11	20 39	0 36	4 29	2 16	21 9	0 34	20 50	0 33
T 8	16 20	18 38	4 38	14 14	1 35	18 23	1 5	4 3	0 11	20 39	0 36	4 30	2 16	21 9	0 34	20 50	0 33
W 9	16 3	16 46	4 59	13 32	1 31	18 4	1 6	4 18	0 10	20 39	0 35	4 32	2 16	21 10	0 34	20 51	0 33
T 10	15 46	13 49	4 59	12 50	1 26	17 44	1 8	4 33	0 9	20 40	0 35	4 33	2 16	21 10	0 34	20 51	0 33
F 11	15 28	10 1	4 40	12 7	1 22	17 24	1 9	4 49	0 8	20 40	0 35	4 34	2 16	21 11	0 34	20 51	0 33
S 12	15 11	5 43	4 4	11 24	1 17	17 3	1 10	5 4	0 7	20 41	0 35	4 36	2 17	21 11	0 34	20 51	0 33
S 13	14 53	1 13	3 13	10 40	1 11	16 42	1 12	5 19	0 7	20 41	0 34	4 37	2 17	21 12	0 34	20 52	0 33
M14	14 34	3n12	2 13	9 57	1 5	16 20	1 13	5 34	0 6	20 42	0 34	4 39	2 17	21 12	0 34	20 52	0 33
T 15	14 16	7 21	1 7	9 13	0 59	15 58	1 14	5 50	0 5	20 42	0 34	4 41	2 17	21 12	0 34	20 52	0 33
W16	13 57	11 2	0 0	8 29	0 52	15 35	1 15	6 5	0 4	20 43	0 34	4 42	2 17	21 13	0 34	20 52	0 33
T 17	13 38	14 7	1s 5	7 45	0 46	15 12	1 16	6 20	0 3	20 44	0 34	4 44	2 18	21 13	0 34	20 53	0 33
F 18	13 19	16 32	2 6	7 1	0 39	14 49	1 17	6 36	0 3	20 44	0 33	4 45	2 18	21 14	0 34	20 53	0 33
S 19	13 0	18 11	3 1	6 18	0 31	14 25	1 18	6 51	0 2	20 45	0 33	4 47	2 18	21 14	0 34	20 53	0 33
S 20	12 40	19 1	3 48	5 34	0 24	14 0	1 19	7 6	0 1	20 46	0 33	4 49	2 18	21 14	0 34	20 53	0 33
M21	12 21	19 1	4 25	4 51	0 16	13 36	1 20	7 21	0 0	20 47	0 33	4 50	2 18	21 15	0 34	20 54	0 33
T 22	12 1	18 11	4 50	4 7	0 8	13 11	1 21	7 36	0s 1	20 47	0 33	4 52	2 18	21 15	0 34	20 54	0 33
W23	11 41	16 32	5 3	3 25	0s 0	12 45	1 21	7 52	0 1	20 48	0 32	4 54	2 19	21 16	0 34	20 54	0 33
T 24	11 20	14 7	5 2	2 42	0 8	12 19	1 22	8 7	0 2	20 49	0 32	4 56	2 19	21 16	0 34	20 54	0 33
F 25	11 0	11 2	4 47	2 0	0 17	11 53	1 23	8 22	0 3	20 50	0 32	4 57	2 19	21 16	0 34	20 54	0 33
S 26	10 39	7 24	4 18	1 18	0 25	11 27	1 23	8 37	0 4	20 51	0 32	4 59	2 19	21 17	0 34	20 55	0 33
S 27	10 18	3 23	3 36	0 37	0 34	11 0	1 24	8 52	0 4	20 52	0 32	5 1	2 19	21 17	0 34	20 55	0 32
M28	9 57	0s53	2 41	0s 4	0 43	10 33	1 24	9 7	0 5	20 53	0 31	5 3	2 19	21 17	0 34	20 55	0 32
T 29	9 36	5 10	1 37	0 45	0 52	10 6	1 24	9 22	0 6	20 54	0 31	5 4	2 19	21 18	0 34	20 55	0 32
W30	9 15	9 14	0 26	1 24	1 1	9 38	1 25	9 37	0 7	20 55	0 31	5 6	2 20	21 18	0 34	20 56	0 32
T 31	8n53	12s54	0n47	2s 3	1s 9	9n10	1n25	9s52	0s 7	20s56	0n31	5s 8	2s20	21s18	0s34	20s56	0n32

Julian Day Number = 2449930.5, Delta T = 61.29 sec
 Ecliptic obliquity = 23°26'15, Nutation = 0°00'10
 Ayanamsha: Fagan/Bradley = 24°40'43, Lahiri = 23°47'43

ASTRODIENST EPHEMERIS for the year 1995

SEPTEMBER 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 46	8♈ 6'18	20♍ 9	3♂46	11♈ 7	25♂52	6♂49	22°R22	27°R 2	23°R 5	27♍58	27♂35	28♂54	26♈51	28♈47	F 1	
S 2	22 42 42	9° 4'22	4♂ 7	5° 0	12°21	26°31	6°54	22♈18	27♂ 0	23♂ 4	27°59	27°R36	28°51	26°57	28°55	S 2	
S 3	22 46 39	10° 2'26	18°16	6°13	13°36	27°11	6°59	22°13	26°59	23° 3	28° 0	27°36	28°48	27° 4	29° 4	S 3	
M 4	22 50 35	11° 0'32	2♂32	7°23	14°50	27°50	7° 5	22° 9	26°57	23° 2	28° 1	27°34	28°44	27°11	29°12	M 4	
T 5	22 54 32	11°58'40	16°55	8°32	16° 5	28°29	7°10	22° 5	26°56	23° 1	28° 2	27°30	28°41	27°17	29°21	T 5	
W 6	22 58 28	12°56'49	1♂20	9°38	17°19	29° 9	7°16	22° 0	26°54	23° 0	28° 2	27°24	28°38	27°24	29°29	W 6	
T 7	23 2 25	13°54'59	15°42	10°42	18°34	29°48	7°22	21°55	26°53	22°59	28° 3	27°18	28°35	27°31	29°38	T 7	
F 8	23 6 22	14°53'11	29°55	11°44	19°48	0♍28	7°28	21°51	26°51	22°58	28° 4	27°11	28°32	27°38	29°46	F 8	
S 9	23 10 18	15°51'25	13♂55	12°43	21° 3	1° 8	7°35	21°46	26°50	22°57	28° 5	27° 5	28°29	27°44	29°55	S 9	
S 10	23 14 15	16°49'40	27°37	13°40	22°17	1°48	7°41	21°42	26°49	22°57	28° 7	27° 0	28°25	27°51	0♂ 3	S 10	
M11	23 18 11	17°47'57	10♈58	14°34	23°32	2°27	7°48	21°37	26°47	22°56	28° 8	26°57	28°22	27°58	0°12	M11	
T 12	23 22 8	18°46'16	23°58	15°25	24°46	3° 7	7°54	21°32	26°46	22°55	28° 9	26°D56	28°19	28° 4	0°21	T 12	
W13	23 26 4	19°44'37	6♂38	16°12	26° 1	3°47	8° 1	21°28	26°45	22°54	28°10	26°56	28°16	28°11	0°29	W13	
T 14	23 30 1	20°43'01	18°59	16°57	27°15	4°28	8° 8	21°23	26°44	22°54	28°11	26°58	28°13	28°18	0°38	T 14	
F 15	23 33 57	21°41'26	1♈ 6	17°37	28°30	5° 8	8°15	21°19	26°43	22°53	28°12	26°59	28° 9	28°24	0°47	F 15	
S 16	23 37 54	22°39'54	13° 3	18°13	29°44	5°48	8°23	21°14	26°42	22°52	28°14	27° 1	28° 6	28°31	0°55	S 16	
S 17	23 41 51	23°38'23	24°56	18°46	0♂59	6°28	8°30	21° 9	26°41	22°52	28°15	27°R 1	28° 3	28°38	1° 4	S 17	
M18	23 45 47	24°36'55	6♂48	19°13	2°14	7° 9	8°38	21° 5	26°40	22°51	28°16	27° 0	28° 0	28°45	1°13	M18	
T 19	23 49 44	25°35'29	18°45	19°36	3°28	7°49	8°45	21° 0	26°39	22°51	28°17	26°58	27°57	28°51	1°21	T 19	
W20	23 53 40	26°34'05	0♂51	19°53	4°43	8°30	8°53	20°56	26°38	22°50	28°19	26°55	27°54	28°58	1°30	W20	
T 21	23 57 37	27°32'43	13°10	20° 5	5°57	9°11	9° 1	20°51	26°38	22°50	28°20	26°50	27°50	29° 5	1°39	T 21	
F 22	0 1 33	28°31'24	25°44	20°R11	7°12	9°51	9° 9	20°46	26°37	22°49	28°22	26°45	27°47	29°11	1°47	F 22	
S 23	0 5 30	29°30'06	8♈36	20°10	8°27	10°32	9°17	20°42	26°36	22°49	28°23	26°41	27°44	29°18	1°56	S 23	
S 24	0 9 26	0♂28'51	21°44	20° 2	9°41	11°13	9°26	20°37	26°35	22°48	28°24	26°37	27°41	29°25	2° 5	S 24	
M25	0 13 23	1°27'37	5♂10	19°48	10°56	11°54	9°34	20°33	26°35	22°48	28°26	26°35	27°38	29°32	2°14	M25	
T 26	0 17 19	2°26'26	18°50	19°26	12°11	12°35	9°43	20°28	26°34	22°48	28°27	26°33	27°35	29°38	2°22	T 26	
W27	0 21 16	3°25'16	2♍43	18°57	13°25	13°16	9°51	20°24	26°34	22°48	28°29	26°D33	27°31	29°45	2°31	W27	
T 28	0 25 13	4°24'09	16°45	18°20	14°40	13°57	10° 0	20°19	26°33	22°47	28°31	26°34	27°28	29°52	2°40	T 28	
F 29	0 29 9	5°23'03	0♂53	17°37	15°54	14°39	10° 9	20°15	26°33	22°47	28°32	26°35	27°25	29°58	2°49	F 29	
S 30	0 33 6	6♂21'59	15♂ 5	16♂46	17♂ 9	15♍20	10♂18	20♈11	26♂33	22♂47	28♍34	26♂37	27♂22	0♂ 5	2♂57	S 30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
F 1	8n32	15s52	1n59	2s42	1s18	8n42	1n25	10s 7	0s 8	20s57	0n31	5s10	2s20	21s19	0s34	20s56	0n32	6s44	13n17	10s37	11s 5	19n 2	2s14	2s57
S 2	8 10	17 57	3 4	3 20	1 27	8 14	1 25	10 22	0 9	20 58	0 30	5 12	2 20	21 19	0 34	20 56	0 32	6 45	13 16	10 37	11 4	19 2	2 17	2 57
S 3	7 48	18 57	3 59	3 57	1 36	7 45	1 25	10 37	0 9	20 59	0 30	5 14	2 20	21 19	0 34	20 56	0 32	6 46	13 16	10 37	11 3	19 2	2 20	2 56
M 4	7 26	18 45	4 40	4 33	1 45	7 17	1 25	10 52	0 10	21 0	0 30	5 16	2 20	21 19	0 34	20 56	0 32	6 46	13 15	10 36	11 2	19 1	2 23	2 56
T 5	7 4	17 21	5 3	5 8	1 54	6 48	1 25	11 6	0 11	21 1	0 30	5 17	2 20	21 20	0 34	20 57	0 32	6 47	13 15	10 35	11 0	19 1	2 26	2 56
W 6	6 42	14 51	5 8	5 42	2 3	6 18	1 25	11 21	0 12	21 2	0 30	5 19	2 20	21 20	0 34	20 57	0 32	6 48	13 14	10 33	10 59	19 1	2 29	2 55
T 7	6 20	11 28	4 53	6 16	2 12	5 49	1 24	11 36	0 12	21 3	0 29	5 21	2 20	21 20	0 34	20 57	0 32	6 49	13 14	10 31	10 58	19 0	2 32	2 55
F 8	5 57	7 26	4 20	6 48	2 21	5 20	1 24	11 50	0 13	21 4	0 29	5 23	2 20	21 20	0 34	20 57	0 32	6 49	13 13	10 28	10 57	19 0	2 35	2 55
S 9	5 35	3 4	3 32	7 19	2 29	4 50	1 24	12 5	0 14	21 6	0 29	5 25	2 21	21 21	0 34	20 57	0 32	6 50	13 13	10 26	10 56	19 0	2 38	2 54
S 10	5 12	1n23	2 32	7 49	2 38	4 20	1 23	12 19	0 14	21 7	0 29	5 27	2 21	21 21	0 34	20 58	0 32	6 51	13 12	10 24	10 55	18 59	2 41	2 54
M11	4 49	5 39	1 26	8 17	2 46	3 50	1 23	12 34	0 15	21 8	0 29	5 29	2 21	21 21	0 34	20 58	0 32	6 51	13 12	10 23	10 54	18 59	2 44	2 54
T 12	4 27	9 33	0 16	8 45	2 54	3 20	1 22	12 48	0 16	21 9	0 29	5 31	2 21	21 21	0 34	20 58	0 32	6 52	13 11	10 23	10 53	18 59	2 47	2 53
W13	4 4	12 54	0s53	9 10	3 2	2 50	1 21	13 2	0 16	21 11	0 28	5 32	2 21	21 22	0 34	20 58	0 32	6 53	13 11	10 23	10 51	18 58	2 50	2 53
T 14	3 41	15 35	1 57	9 34	3 9	2 20	1 21	13 16	0 17	21 12	0 28	5 34	2 21	21 22	0 34	20 58	0 32	6 53	13 10	10 23	10 50	18 58	2 53	2 53
F 15	3 18	17 31	2 56	9 56	3 16	1 49	1 20	13 31	0 18	21 13	0 28	5 36	2 21	21 22	0 34	20 58	0 32	6 54	13 10	10 24	10 49	18 57	2 57	2 52
S 16	2 55	18 38	3 45	10 16	3 23	1 19	1 19	13 45	0 18	21 15	0 28	5 38	2 21	21 22	0 34	20 58	0 32	6 55	13 10	10 24	10 48	18 57	3 0	2 52
S 17	2 32	18 55	4 25	10 34	3 29	0 48	1 18	13 59	0 19	21 16	0 28	5 40	2 21	21 22	0 34	20 58	0 32	6 56	13 9	10 25	10 47	18 57	3 3	2 52
M18	2 8	18 23	4 54	10 50	3 35	0 18	1 17	14 13	0 20	21 17	0 27	5 42	2 21	21 22	0 34	20 59	0 32	6 56	13 9	10 24	10 46	18 56	3 6	2 51
T 19	1 45	17 1	5 9	11 4	3 40	0s13	1 16	14 26	0 20	21 19	0 27	5 44	2 21	21 23	0 34	20 59	0 32	6 57	13 8	10 24	10 45	18 56	3 9	2 51
W20	1 22	14 53	5 12	11 14	3 44	0 43	1 15	14 40	0 21	21 20	0 27	5 45	2 21	21 23	0 34	20 59	0 32	6 58	13 8	10 22	10 43	18 56	3 13	2 51
T 21	0 59	12 4	5 0	11 22	3 48	1 14	1 14	14 54	0 22	21 21	0 27	5 47	2 21	21 23	0 34	20 59	0 32	6 59	13 7	10 21	10 42	18 55	3 16	2 51
F 22	0 35	8 38	4 34	11 27	3 51	1 45	1 13	15 7	0 22	21 23	0 27	5 49	2 21	21 23	0 34	20 59	0 32	6 59	13 7	10 19	10 41	18 55	3 19	2 50
S 23	0 12	4 44	3 53	11 28	3 52	2 15	1 12	15 21	0 23	21 24	0 27	5 51												

ASTRODIENST EPHEMERIS for the year 1995

OCTOBER 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	Day
S 1	0 37 2	7♁20°56	29♁18	15°R49	18♁24	16♁ 1	10♁27	20°R 6	26°R32	22°R47	28♁36	26♁38	27♁19	0♁12	3♁ 6	S 1	
M 2	0 40 59	8°19'56	13♁31	14♁48	19°38	16°43	10°37	20°R 2	26°R32	22°R47	28°37	26°R38	27°15	0°18	3°15	M 2	
T 3	0 44 55	9°18'57	27°39	13°42	20°53	17°25	10°46	19°58	26°32	22°47	28°39	26°37	27°12	0°25	3°24	T 3	
W 4	0 48 52	10°18'00	11♁43	12°33	22° 8	18° 6	10°56	19°54	26°32	22°46	28°41	26°35	27° 9	0°32	3°32	W 4	
T 5	0 52 48	11°17'04	25°38	11°24	23°22	18°48	11° 5	19°49	26°32	22°D46	28°42	26°33	27° 6	0°39	3°41	T 5	
F 6	0 56 45	12°16'11	9♁23	10°15	24°37	19°30	11°15	19°45	26°32	22°46	28°44	26°31	27° 3	0°45	3°50	F 6	
S 7	1 0 42	13°15'19	22°56	9°10	25°52	20°12	11°25	19°41	26°D32	22°47	28°46	26°30	27° 0	0°52	3°58	S 7	
S 8	1 4 38	14°14'29	6♁14	8° 9	27° 6	20°54	11°35	19°37	26°32	22°47	28°48	26°28	26°56	0°59	4° 7	S 8	
M 9	1 8 35	15°13'41	19°17	7°14	28°21	21°36	11°45	19°33	26°32	22°47	28°50	26°28	26°53	1° 5	4°16	M 9	
T 10	1 12 31	16°12'55	2♁ 4	6°27	29°36	22°18	11°55	19°30	26°32	22°47	28°52	26°D28	26°50	1°12	4°24	T 10	
W 11	1 16 28	17°12'12	14°35	5°50	0♁50	23° 0	12° 5	19°26	26°32	22°47	28°53	26°28	26°47	1°19	4°33	W 11	
T 12	1 20 24	18°11'30	26°53	5°22	2° 5	23°42	12°16	19°22	26°32	22°47	28°55	26°29	26°44	1°26	4°42	T 12	
F 13	1 24 21	19°10'51	8♁58	5° 6	3°20	24°24	12°26	19°18	26°33	22°47	28°57	26°30	26°40	1°32	4°50	F 13	
S 14	1 28 17	20°10'14	20°56	5°D 0	4°34	25° 7	12°37	19°15	26°33	22°48	28°59	26°31	26°37	1°39	4°59	S 14	
S 15	1 32 14	21° 9'40	2♁48	5° 5	5°49	25°49	12°47	19°11	26°33	22°48	29° 1	26°31	26°34	1°46	5° 7	S 15	
M 16	1 36 11	22° 9'07	14°40	5°21	7° 4	26°32	12°58	19° 8	26°34	22°48	29° 3	26°31	26°31	1°52	5°16	M 16	
T 17	1 40 7	23° 8'37	26°37	5°47	8°18	27°14	13° 9	19° 4	26°34	22°49	29° 5	26°R31	26°28	1°59	5°25	T 17	
W 18	1 44 4	24° 8'10	8♁42	6°22	9°33	27°57	13°20	19° 1	26°35	22°49	29° 7	26°31	26°25	2° 6	5°33	W 18	
T 19	1 48 0	25° 7'44	21° 0	7° 7	10°48	28°40	13°31	18°57	26°36	22°50	29° 9	26°31	26°21	2°13	5°41	T 19	
F 20	1 51 57	26° 7'21	3♁36	7°59	12° 2	29°22	13°42	18°54	26°36	22°50	29°11	26°D31	26°18	2°19	5°50	F 20	
S 21	1 55 53	27° 7'00	16°33	8°59	13°17	0♁ 5	13°53	18°51	26°37	22°51	29°13	26°31	26°15	2°26	5°58	S 21	
S 22	1 59 50	28° 6'41	29°52	10° 5	14°32	0°48	14° 4	18°48	26°38	22°51	29°16	26°31	26°12	2°33	6° 7	S 22	
M 23	2 3 46	29° 6'24	13♁32	11°17	15°47	1°31	14°15	18°45	26°38	22°52	29°18	26°31	26° 9	2°39	6°15	M 23	
T 24	2 7 43	0♁ 6'10	27°34	12°33	17° 1	2°14	14°27	18°42	26°39	22°52	29°20	26°R31	26° 6	2°46	6°23	T 24	
W 25	2 11 39	1° 5'57	11♁53	13°54	18°16	2°57	14°38	18°39	26°40	22°53	29°22	26°31	26° 2	2°53	6°32	W 25	
T 26	2 15 36	2° 5'47	26°24	15°19	19°31	3°41	14°50	18°37	26°41	22°54	29°24	26°31	25°59	2°59	6°40	T 26	
F 27	2 19 33	3° 5'38	11♁ 0	16°46	20°45	4°24	15° 2	18°34	26°42	22°54	29°26	26°30	25°56	3° 6	6°48	F 27	
S 28	2 23 29	4° 5'31	25°36	18°16	22° 0	5° 7	15°13	18°32	26°43	22°55	29°29	26°29	25°53	3°13	6°56	S 28	
S 29	2 27 26	5° 5'26	10♁ 7	19°48	23°15	5°51	15°25	18°29	26°44	22°56	29°31	26°29	25°50	3°20	7° 5	S 29	
M 30	2 31 22	6° 5'22	24°27	21°21	24°29	6°34	15°37	18°27	26°46	22°57	29°33	26°28	25°46	3°26	7°13	M 30	
T 31	2 35 19	7♁ 5'20	8♁34	22♁56	25♁44	7♁18	15♁49	18♁24	26♁47	22♁58	29♁35	26°D28	25♁43	3♁33	7♁21	T 31	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁	Day							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
S 1	2s55	18s46	4n41	9s12	3s14	6s18	1n 0	17s 5	0s28	21s36	0n25	6s 5	2s21	21s24	0s34	21s 0	0n32	7s 6	13n 3	10s16	10s31	18n51	3s48	2s48
M 2	3 18	17 39	5 7	8 37	3 1	6 47	0 58	17 17	0 29	21 37	0 25	6 6	2 21	21 24	0 34	21 0	0 32	7 7	13 2	10 16	10 30	18 51	3 51	2 48
T 3	3 41	15 28	5 16	7 58	2 47	7 17	0 56	17 30	0 29	21 39	0 25	6 8	2 21	21 24	0 33	21 0	0 32	7 7	13 2	10 16	10 29	18 50	3 55	2 47
W 4	4 5	12 23	5 5	7 16	2 30	7 47	0 54	17 42	0 30	21 40	0 25	6 10	2 21	21 24	0 33	21 0	0 31	7 8	13 2	10 15	10 27	18 50	3 58	2 47
T 5	4 28	8 38	4 36	6 32	2 13	8 16	0 52	17 54	0 30	21 42	0 25	6 11	2 21	21 24	0 33	21 0	0 31	7 9	13 1	10 15	10 26	18 50	4 1	2 47
F 6	4 51	4 28	3 52	5 48	1 54	8 45	0 50	18 6	0 31	21 43	0 25	6 13	2 21	21 24	0 33	21 0	0 31	7 10	13 1	10 14	10 25	18 49	4 4	2 47
S 7	5 14	0 7	2 55	5 4	1 34	9 14	0 49	18 18	0 32	21 45	0 24	6 14	2 21	21 24	0 33	21 0	0 31	7 10	13 0	10 13	10 24	18 49	4 8	2 46
S 8	5 37	4n 9	1 50	4 21	1 13	9 43	0 47	18 30	0 32	21 46	0 24	6 16	2 21	21 24	0 33	21 0	0 31	7 11	13 0	10 13	10 23	18 48	4 11	2 46
M 9	6 0	8 10	0 40	3 41	0 53	10 12	0 44	18 41	0 33	21 48	0 24	6 17	2 21	21 24	0 33	21 0	0 31	7 12	13 0	10 13	10 22	18 48	4 14	2 46
T 10	6 23	11 42	0s31	3 4	0 32	10 40	0 42	18 53	0 33	21 49	0 24	6 19	2 20	21 24	0 33	21 0	0 31	7 13	12 59	10 13	10 21	18 47	4 17	2 46
W 11	6 45	14 38	1 39	2 31	0 13	11 8	0 40	19 4	0 34	21 51	0 24	6 20	2 20	21 23	0 33	21 0	0 31	7 13	12 59	10 13	10 19	18 47	4 21	2 46
T 12	7 8	16 51	2 41	2 2	0n 6	11 36	0 38	19 15	0 35	21 52	0 24	6 22	2 20	21 23	0 33	21 0	0 31	7 14	12 59	10 13	10 18	18 47	4 24	2 45
F 13	7 31	18 16	3 35	1 39	0 24	12 4	0 36	19 26	0 35	21 54	0 24	6 23	2 20	21 23	0 33	21 0	0 31	7 15	12 58	10 13	10 17	18 46	4 27	2 45
S 14	7 53	18 50	4 18	1 22	0 41	12 31	0 34	19 37	0 36	21 55	0 23	6 24	2 20	21 23	0 33	21 0	0 31	7 15	12 58	10 14	10 16	18 46	4 30	2 45
S 15	8 15	18 34	4 51	1 10	0 56	12 58	0 31	19 48	0 36	21 57	0 23	6 26	2 20	21 23	0 33	21 0	0 31	7 16	12 58	10 14	10 15	18 45	4 33	2 45
M 16	8 38	17 29	5 11	1 4	1 9	13 25	0 29	19 58	0 37	21 58	0 23	6 27	2 20	21 23	0 33	21 0	0 31	7 17	12 57	10 14	10 14	18 45	4 37	2 45
T 17	9 0	15 38	5 17	1 3	1 21	13 51	0 27	20 9	0 37	22 0	0 23	6 28	2 20	21 23	0 33	21 0	0 31	7 18	12 57	10 14	10 13	18 44	4 40	2 44
W 18	9 22	13 5	5 10	1 8	1 32	14 17	0 24	20 19	0 38	22 1	0 23	6 29	2 20	21 23	0 33	21 0	0 31	7 18	12 57	10 14	10 11	18 44	4 43	2 44
T 19	9 43	9 56	4 49	1 17	1 40	14 43	0 22	20 29	0 38	22 3	0 23	6 31	2 20	21 23	0 33	21 0	0 31	7 19	12 56	10 14	10 10	18 43	4 46	2 44
F 20	10 5	6 15	4 13	1 31	1 48	15 8	0 20	20 39	0 39	22 4	0 23	6 32	2 20	21 22	0 33	21 0	0 31	7 20	12 56	10 14	10 9	18 43	4 49	2 44
S 21	10 27	2 10	3 24	1 49	1 54	15 33	0 17	20 49	0 39	22 6	0 22	6 33	2 19	21 22	0 33	21 0	0 31	7 21	12 56	10 14	10 8	18 42	4 53	2 44
S 22	10 48	2s 8	2 23	2 11	1 58	15 58	0 15	20 58	0 40	22 7	0 22	6 34	2 19	21 22	0 33	21 0	0 31	7 21	12 55	10 14	10 7	18 42	4 56	2 4

ASTRODIENST EPHEMERIS for the year 1995

NOVEMBER 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 39 15	8♈ 5'20	22♌26	24♋32	26♈59	8♌ 2	16♌ 1	18°R22	26♌48	22♌58	29♈37	26♌28	25♌40	3♌40	7♌29	W 1	
T 2	2 43 12	9° 5'21	6♌ 3	26° 9	28°13	8°45	16°13	18°H20	26°49	22°59	29°40	26°29	25°37	3°46	7°37	T 2	
F 3	2 47 8	10° 5'24	19°24	27°46	29°28	9°29	16°25	18°18	26°51	23° 0	29°42	26°30	25°34	3°53	7°45	F 3	
S 4	2 51 5	11° 5'28	2°V32	29°24	0♌43	10°13	16°37	18°16	26°52	23° 1	29°44	26°31	25°31	4° 0	7°53	S 4	
S 5	2 55 2	12° 5'34	15°26	1♈ 2	1°57	10°57	16°50	18°15	26°54	23° 2	29°47	26°32	25°27	4° 7	8° 1	S 5	
M 6	2 58 58	13° 5'41	28° 7	2°40	3°12	11°41	17° 2	18°13	26°55	23° 3	29°49	26°R32	25°24	4°13	8° 9	M 6	
T 7	3 2 55	14° 5'51	10♌37	4°18	4°27	12°25	17°14	18°11	26°57	23° 4	29°51	26°32	25°21	4°20	8°16	T 7	
W 8	3 6 51	15° 6'02	22°56	5°56	5°41	13° 9	17°27	18°10	26°58	23° 5	29°53	26°30	25°18	4°27	8°24	W 8	
T 9	3 10 48	16° 6'15	5♈ 6	7°35	6°56	13°53	17°39	18° 8	27° 0	23° 7	29°56	26°28	25°15	4°33	8°32	T 9	
F 10	3 14 44	17° 6'30	17° 7	9°12	8°10	14°37	17°52	18° 7	27° 2	23° 8	29°58	26°25	25°12	4°40	8°39	F 10	
S 11	3 18 41	18° 6'47	29° 2	10°50	9°25	15°21	18° 5	18° 6	27° 3	23° 9	0♌ 0	26°21	25° 8	4°47	8°47	S 11	
S 12	3 22 37	19° 7'06	10♌54	12°28	10°40	16° 6	18°17	18° 5	27° 5	23°10	0° 3	26°17	25° 5	4°54	8°54	S 12	
M13	3 26 34	20° 7'27	22°45	14° 5	11°54	16°50	18°30	18° 4	27° 7	23°11	0° 5	26°14	25° 2	5° 0	9° 2	M13	
T 14	3 30 31	21° 7'49	4♈40	15°42	13° 9	17°34	18°43	18° 3	27° 9	23°13	0° 8	26°12	24°59	5° 7	9° 9	T 14	
W15	3 34 27	22° 8'14	16°42	17°19	14°23	18°19	18°55	18° 2	27°11	23°14	0°10	26°D10	24°56	5°14	9°17	W15	
T 16	3 38 24	23° 8'40	28°57	18°56	15°38	19° 3	19° 8	18° 2	27°13	23°15	0°12	26°10	24°52	5°20	9°24	T 16	
F 17	3 42 20	24° 9'08	11♈28	20°32	16°53	19°48	19°21	18° 1	27°15	23°17	0°15	26°11	24°49	5°27	9°31	F 17	
S 18	3 46 17	25° 9'38	24°21	22° 8	18° 7	20°33	19°34	18° 0	27°17	23°18	0°17	26°13	24°46	5°34	9°38	S 18	
S 19	3 50 13	26°10'10	7♌39	23°44	19°22	21°17	19°47	18° 0	27°19	23°19	0°19	26°15	24°43	5°41	9°46	S 19	
M20	3 54 10	27°10'44	21°23	25°19	20°36	22° 2	20° 0	18° 0	27°21	23°21	0°22	26°R16	24°40	5°47	9°53	M20	
T 21	3 58 6	28°11'19	5♈34	26°55	21°51	22°47	20°13	18° 0	27°23	23°22	0°24	26°15	24°37	5°54	10° 0	T 21	
W22	4 2 3	29°11'56	20° 9	28°30	23° 6	23°32	20°27	18°D 0	27°25	23°24	0°27	26°14	24°33	6° 1	10° 7	W22	
T 23	4 6 0	0♌12'35	5♌ 2	0♌ 5	24°20	24°17	20°40	18° 0	27°28	23°25	0°29	26°10	24°30	6° 7	10°13	T 23	
F 24	4 9 56	1°13'15	20° 5	1°40	25°35	25° 2	20°53	18° 0	27°30	23°27	0°31	26° 5	24°27	6°14	10°20	F 24	
S 25	4 13 53	2°13'56	5♌ 8	3°14	26°49	25°47	21° 6	18° 0	27°32	23°28	0°34	26° 0	24°24	6°21	10°27	S 25	
S 26	4 17 49	3°14'39	20° 3	4°49	28° 4	26°32	21°19	18° 1	27°35	23°30	0°36	25°54	24°21	6°28	10°34	S 26	
M27	4 21 46	4°15'22	4♌41	6°23	29°18	27°18	21°33	18° 1	27°37	23°32	0°39	25°50	24°17	6°34	10°40	M27	
T 28	4 25 42	5°16'07	18°59	7°57	0♌33	28° 3	21°46	18° 2	27°39	23°33	0°41	25°47	24°14	6°41	10°47	T 28	
W29	4 29 39	6°16'53	2♌52	9°31	1°47	28°48	21°59	18° 2	27°42	23°35	0°43	25°D46	24°11	6°48	10°53	W29	
T 30	4 33 35	7°17'39	16♌23	11♌ 5	3♌ 2	29°34	22°13	18°H 3	27°44	23°37	0°46	25°D46	24° 8	6°55	10°59	T 30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	14s12	9s32	4n45	7s48	1n51	19s39	0s11	22s23	0s45	22s21	0n21	6s43	2s18	21s20	0s33	20s59	0n31	7s28	12n53	10s13	9s55	18n37	5s27	2s42
T 2	14 31	5 30	4 5	8 27	1 46	19 59	0 13	22 31	0 45	22 23	0 21	6 43	2 18	21 20	0 33	20 58	0 31	7 29	12 53	10 13	9 54	18 36	5 30	2 42
F 3	14 50	1 16	3 11	9 6	1 41	20 18	0 16	22 38	0 46	22 24	0 21	6 44	2 18	21 19	0 33	20 58	0 31	7 29	12 52	10 13	9 53	18 36	5 33	2 42
S 4	15 9	2n59	2 9	9 45	1 36	20 36	0 18	22 45	0 46	22 25	0 21	6 45	2 17	21 19	0 33	20 58	0 31	7 30	12 52	10 14	9 52	18 35	5 36	2 42
S 5	15 28	7 1	1 1	10 25	1 31	20 54	0 21	22 51	0 47	22 27	0 20	6 45	2 17	21 19	0 33	20 58	0 31	7 31	12 52	10 14	9 51	18 35	5 39	2 42
M 6	15 46	10 40	0s 9	11 4	1 25	21 11	0 24	22 58	0 47	22 28	0 20	6 46	2 17	21 18	0 33	20 58	0 31	7 31	12 52	10 14	9 49	18 34	5 42	2 42
T 7	16 4	13 47	1 17	11 43	1 19	21 27	0 26	23 4	0 48	22 29	0 20	6 46	2 17	21 18	0 33	20 58	0 31	7 32	12 52	10 14	9 48	18 34	5 45	2 41
W 8	16 22	16 14	2 21	12 21	1 13	21 43	0 29	23 10	0 48	22 31	0 20	6 47	2 17	21 18	0 33	20 58	0 31	7 33	12 51	10 13	9 47	18 33	5 48	2 41
T 9	16 39	17 55	3 17	12 59	1 7	21 59	0 31	23 16	0 49	22 32	0 20	6 47	2 17	21 17	0 33	20 57	0 30	7 33	12 51	10 13	9 46	18 33	5 51	2 41
F 10	16 57	18 46	4 4	13 37	1 0	22 14	0 34	23 22	0 49	22 33	0 20	6 47	2 16	21 17	0 33	20 57	0 30	7 34	12 51	10 11	9 45	18 32	5 54	2 41
S 11	17 13	18 47	4 39	14 13	0 54	22 28	0 36	23 27	0 50	22 34	0 20	6 48	2 16	21 17	0 33	20 57	0 30	7 35	12 51	10 10	9 44	18 32	5 57	2 41
S 12	17 30	17 57	5 3	14 50	0 47	22 41	0 39	23 32	0 50	22 36	0 20	6 48	2 16	21 16	0 33	20 57	0 30	7 35	12 51	10 9	9 43	18 31	6 0	2 41
M13	17 46	16 22	5 14	15 25	0 40	22 54	0 41	23 37	0 50	22 37	0 20	6 48	2 16	21 16	0 33	20 57	0 30	7 36	12 51	10 8	9 41	18 31	6 3	2 41
T 14	18 2	14 4	5 11	16 0	0 34	23 6	0 44	23 42	0 51	22 38	0 19	6 48	2 16	21 16	0 33	20 57	0 30	7 36	12 50	10 7	9 40	18 30	6 5	2 41
W15	18 18	11 9	4 54	16 34	0 27	23 18	0 46	23 46	0 51	22 39	0 19	6 49	2 16	21 15	0 33	20 56	0 30	7 37	12 50	10 6	9 39	18 30	6 8	2 41
T 16	18 33	7 42	4 24	17 8	0 20	23 28	0 49	23 51	0 52	22 40	0 19	6 49	2 15	21 15	0 33	20 56	0 30	7 38	12 50	10 6	9 38	18 29	6 11	2 41
F 17	18 49	3 51	3 41	17 40	0 13	23 38	0 51	23 55	0 52	22 42	0 19	6 49	2 15	21 14	0 33	20 56	0 30	7 38	12 50	10 7	9 37	18 28	6 14	2 40
S 18	19 3	0s18	2 46	18 12	0 7	23 48	0 54	23 58	0 52	22 43	0 19	6 49	2 15	21 14	0 33	20 56	0 30	7 39	12 50	10 7	9 36	18 28	6 17	2 40
S 19	19 18	4 34	1 40	18 43	0s 0	23 56	0 56	24 2	0 53	22 44	0 19	6 49	2 15	21 14	0 32	20 56	0 30	7 39	12 50	10 8	9 34	18 27	6 19	2 40
M20	19 32	8 45	0 27	19 12	0 7	24 4	0 58	24 5	0 53	22 45	0 19	6 49	2 15	21 13	0 32	20 55	0 30	7 40	12 50	10 8	9 33	18 27	6 22	2 40
T 21	19 45	12 35	0n51	19 41	0 14	24 12	1 1	24 8	0 54	22 46	0 19	6 48	2 14	21 13	0 32	20 55	0 30	7 40	12 50	10 8	9 32	18 26	6 25	2 40
W22	19 59	15 44	2 7	20 9	0 20	24 18	1 3	24 11	0 54	22 47	0 19	6 48	2 14	21 12	0 32	20 55	0 30	7 41	12 50	10 7	9 31	18 26	6 27	2 40
T 23	20 12	17 55	3 16	20 36	0 27	24 24	1 5	24 13	0 54	22 48	0 18	6 48	2 14	21 12	0 32	20 55	0 30	7 41	12 50	10 6	9 30	18 25	6 30	2 40
F 24	20 24	18 53	4 12	21 2	0 33	24 29	1 7	24 15	0 55	22 49	0 18	6 48	2 14	21 11	0 32	20 54	0 30	7 42	12 49	10 4	9 29	18 24	6 33	2 40
S 25	20 36	18 30	4 51	21 27	0 40	24 33	1 9	24 17	0 55	22 50	0 18	6 48	2 14	21 11	0 32	20 54	0 30	7 42	12 49	10 2	9 27	18 24	6 35	2 40
S 26	20 48	16 51	5 9	21 51	0 46	24 37	1 12	24 19	0 55	22 51	0 18	6 47	2 14	21 10	0 32	20 54	0 30	7 43	12 49	10 0	9 26	18 23	6 38	2 40
M27	21 0	14 7	5 7	22 14	0 52	24 40	1 14	24 20	0 56	22 52	0 18	6 47	2 13	21 10	0 32	20 54	0 30	7 43	12 49	9 59	9 25	18 23	6 40	2 40
T 28	21 11	10 36	4 46	22 35	0 58	24 42	1 16	24 22	0 56	22 53	0 18	6 46	2 13	21 9	0									

ASTRODIENST EPHEMERIS for the year 1995

DECEMBER 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 37 32	8°18'27"	29°32'	12°39'	4°16'	0°19'	22°26'	18°4'	27°47'	23°38'	0°48'	25°47'	24°5'	7°1'	11°6'	F 1
S 2	4 41 29	9°19'15"	12°23'	14°13'	5°31'	1°4'	22°40'	18°5'	27°50'	23°40'	0°50'	25°49'	24°2'	7°8'	11°12'	S 2
S 3	4 45 25	10°20'04"	24°59'	15°46'	6°45'	1°50'	22°53'	18°6'	27°52'	23°42'	0°53'	25°R49	23°58'	7°15'	11°18'	S 3
M 4	4 49 22	11°20'55"	7°32'	17°20'	8°0'	2°36'	23°7'	18°8'	27°55'	23°44'	0°55'	25°49'	23°55'	7°21'	11°24'	M 4
T 5	4 53 18	12°21'46"	19°37'	18°54'	9°14'	3°21'	23°20'	18°9'	27°58'	23°45'	0°57'	25°46'	23°52'	7°28'	11°30'	T 5
W 6	4 57 15	13°22'39"	1°14'	20°27'	10°29'	4°7'	23°34'	18°10'	28°0'	23°47'	1°0'	25°40'	23°49'	7°35'	11°36'	W 6
T 7	5 1 11	14°23'32"	13°44'	22°0'1"	11°43'	4°53'	23°47'	18°12'	28°3'	23°49'	1°2'	25°33'	23°46'	7°42'	11°42'	T 7
F 8	5 5 8	15°24'26"	25°40'	23°34'	12°58'	5°38'	24°1'	18°14'	28°6'	23°51'	1°5'	25°24'	23°43'	7°48'	11°47'	F 8
S 9	5 9 4	16°25'22"	7°33'	25°8'	14°12'	6°24'	24°14'	18°15'	28°9'	23°53'	1°7'	25°13'	23°39'	7°55'	11°53'	S 9
S 10	5 13 1	17°26'18"	19°25'	26°41'	15°26'	7°10'	24°28'	18°17'	28°12'	23°55'	1°9'	25°3'	23°36'	8°2'	11°58'	S 10
M11	5 16 58	18°27'16"	1°17'	28°15'	16°41'	7°56'	24°42'	18°19'	28°14'	23°57'	1°11'	24°53'	23°33'	8°8'	12°4'	M11
T 12	5 20 54	19°28'14"	13°12'	29°49'	17°55'	8°42'	24°55'	18°21'	28°17'	23°59'	1°14'	24°45'	23°30'	8°15'	12°9'	T 12
W13	5 24 51	20°29'14"	25°14'	1°22'	19°9'	9°28'	25°9'	18°24'	28°20'	24°1'	1°16'	24°39'	23°27'	8°22'	12°14'	W13
T 14	5 28 47	21°30'14"	7°12'	2°55'	20°24'	10°14'	25°23'	18°26'	28°23'	24°3'	1°18'	24°36'	23°23'	8°29'	12°20'	T 14
F 15	5 32 44	22°31'16"	19°51'	4°29'	21°38'	11°0'	25°36'	18°28'	28°26'	24°5'	1°21'	24°D35	23°20'	8°35'	12°25'	F 15
S 16	5 36 40	23°32'19"	2°36'	6°2'	22°52'	11°46'	25°50'	18°31'	28°29'	24°7'	1°23'	24°35'	23°17'	8°42'	12°30'	S 16
S 17	5 40 37	24°33'22"	15°45'	7°35'	24°6'	12°32'	26°4'	18°33'	28°32'	24°9'	1°25'	24°36'	23°14'	8°49'	12°35'	S 17
M18	5 44 33	25°34'27"	29°21'	9°8'	25°21'	13°19'	26°17'	18°36'	28°35'	24°11'	1°27'	24°R36	23°11'	8°55'	12°39'	M18
T 19	5 48 30	26°35'33"	13°12'	10°40'	26°35'	14°5'	26°31'	18°39'	28°39'	24°13'	1°30'	24°34'	23°8'	9°2'	12°44'	T 19
W20	5 52 27	27°36'39"	28°1'	12°13'	27°49'	14°51'	26°45'	18°42'	28°42'	24°15'	1°32'	24°30'	23°4'	9°9'	12°49'	W20
T 21	5 56 23	28°37'47"	12°59'	13°44'	29°3'	15°38'	26°58'	18°45'	28°45'	24°17'	1°34'	24°24'	23°1'	9°16'	12°53'	T 21
F 22	6 0 20	29°38'54"	28°14'	15°15'	0°17'	16°24'	27°12'	18°48'	28°48'	24°19'	1°36'	24°15'	22°58'	9°22'	12°57'	F 22
S 23	6 4 16	0°30'03"	13°35'	16°46'	1°31'	17°11'	27°26'	18°51'	28°51'	24°21'	1°38'	24°4'	22°55'	9°29'	13°2'	S 23
S 24	6 8 13	1°41'12"	28°50'	18°15'	2°46'	17°57'	27°40'	18°54'	28°55'	24°23'	1°40'	23°54'	22°52'	9°36'	13°6'	S 24
M25	6 12 9	2°42'21"	13°48'	19°44'	4°0'	18°44'	27°53'	18°58'	28°58'	24°25'	1°43'	23°45'	22°49'	9°42'	13°10'	M25
T 26	6 16 6	3°43'30"	28°22'	21°11'	5°14'	19°30'	28°7'	19°1'	29°1'	24°28'	1°45'	23°38'	22°45'	9°49'	13°14'	T 26
W27	6 20 3	4°44'39"	12°27'	22°37'	6°28'	20°17'	28°21'	19°5'	29°4'	24°30'	1°47'	23°33'	22°42'	9°56'	13°18'	W27
T 28	6 23 59	5°45'48"	26°4'	24°0'	7°42'	21°3'	28°34'	19°8'	29°8'	24°32'	1°49'	23°31'	22°39'	10°3'	13°22'	T 28
F 29	6 27 56	6°46'57"	9°13'	25°22'	8°56'	21°50'	28°48'	19°12'	29°11'	24°34'	1°51'	23°D31	22°36'	10°9'	13°25'	F 29
S 30	6 31 52	7°48'06"	22°0'	26°41'	10°10'	22°37'	29°1'	19°16'	29°14'	24°36'	1°53'	23°R31	22°33'	10°16'	13°29'	S 30
S 31	6 35 49	8°49'15"	4°28'	27°56'	11°23'	23°23'	29°15'	19°20'	29°18'	24°38'	1°55'	23°31'	22°29'	10°23'	13°32'	S 31

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	21s41	1n55	2n18	23s33	1s15	24s44	1s22	24s23	0s57	22s57	0n18	6s45	2s13	21s8	0s32	20s53	0n30	7s45	12n49	9s58	9s20	18n20	6s50	2s40
S 2	21 51	6 0	1 12	23 50	1 21	24 43	1 23	24 23	0 57	22 57	0 17	6 44	2 12	21 7	0 32	20 52	0 30	7 46	12 49	9 58	9 19	18 20	6 53	2 40
S 3	22 0	9 45	0 5	24 6	1 26	24 41	1 25	24 23	0 58	22 57	0 17	6 44	2 12	21 7	0 32	20 52	0 30	7 46	12 49	9 59	9 18	18 19	6 55	2 39
M 4	22 8	13 0	1s 2	24 21	1 31	24 39	1 27	24 23	0 58	22 58	0 17	6 43	2 12	21 6	0 32	20 52	0 30	7 47	12 49	9 58	9 17	18 18	6 57	2 39
T 5	22 16	15 38	2 5	24 34	1 36	24 35	1 29	24 22	0 58	22 59	0 17	6 42	2 12	21 6	0 32	20 51	0 30	7 47	12 49	9 57	9 16	18 18	7 0	2 39
W 6	22 24	17 33	3 1	24 46	1 41	24 31	1 30	24 21	0 59	23 0	0 17	6 42	2 12	21 5	0 32	20 51	0 30	7 48	12 49	9 55	9 15	18 17	7 2	2 39
T 7	22 31	18 40	3 49	24 57	1 45	24 27	1 32	24 20	0 59	23 1	0 17	6 41	2 11	21 5	0 32	20 51	0 30	7 48	12 49	9 53	9 13	18 17	7 4	2 39
F 8	22 38	18 56	4 26	25 6	1 49	24 21	1 33	24 18	0 59	23 1	0 17	6 40	2 11	21 4	0 32	20 51	0 30	7 48	12 49	9 49	9 12	18 16	7 6	2 39
S 9	22 45	18 22	4 51	25 14	1 53	24 15	1 35	24 16	1 0	23 2	0 17	6 39	2 11	21 3	0 32	20 50	0 30	7 49	12 49	9 45	9 11	18 15	7 8	2 39
S 10	22 51	17 1	5 4	25 20	1 57	24 8	1 36	24 14	1 0	23 3	0 17	6 38	2 11	21 3	0 32	20 50	0 30	7 49	12 49	9 42	9 10	18 15	7 11	2 39
M11	22 56	14 56	5 4	25 26	2 0	24 1	1 38	24 12	1 0	23 3	0 17	6 37	2 11	21 2	0 32	20 50	0 30	7 50	12 49	9 38	9 9	18 14	7 13	2 39
T 12	23 1	12 13	4 50	25 29	2 3	23 52	1 39	24 9	1 0	23 4	0 17	6 36	2 10	21 2	0 32	20 49	0 30	7 50	12 49	9 35	9 7	18 13	7 15	2 39
W13	23 6	8 58	4 23	25 32	2 6	23 43	1 40	24 6	1 1	23 4	0 16	6 35	2 10	21 1	0 32	20 49	0 30	7 50	12 49	9 33	9 6	18 13	7 17	2 39
T 14	23 10	5 18	3 45	25 33	2 8	23 33	1 41	24 3	1 1	23 5	0 16	6 34	2 10	21 0	0 32	20 49	0 30	7 51	12 50	9 32	9 5	18 12	7 19	2 39
F 15	23 14	1 20	2 55	25 32	2 10	23 23	1 42	24 0	1 1	23 6	0 16	6 33	2 10	21 0	0 32	20 48	0 30	7 51	12 50	9 31	9 4	18 12	7 21	2 39
S 16	23 17	2s48	1 55	25 30	2 12	23 12	1 43	23 56	1 1	23 6	0 16	6 32	2 10	20 59	0 32	20 48	0 30	7 51	12 50	9 31	9 3	18 11	7 23	2 39
S 17	23 20	6 55	0 47	25 26	2 13	23 0	1 44	23 52	1 2	23 7	0 16	6 31	2 10	20 59	0 32	20 48	0 30	7 52	12 50	9 32	9 2	18 10	7 25	2 39
M18	23 22	10 51	0n25	25 21	2 14	22 47	1 45	23 48	1 2	23 7	0 16	6 30	2 9	20 58	0 32	20 47	0 30	7 52	12 50	9 32	9 0	18 10	7 26	2 39
T 19	23 24	14 18	1 39	25 15	2 15	22 34	1 46	23 43	1 2	23 8	0 16	6 28	2 9	20 57	0 32	20 47	0 30	7 52	12 50	9 31	8 59	18 9	7 28	2 39
W20	23 25	16 59	2 48	25 7	2 15	22 20	1 47	23 38	1 2	23 8	0 16	6 27	2 9	20 57	0 32	20 47	0 30	7 53	12 50	9 30	8 58	18 8	7 30	2 39
T 21	23 26	18 35	3 48	24 57	2 14	22 6	1 47	23 33	1 2	23 8	0 16	6 26	2 9	20 56	0 32	20 46	0 30	7 53	12 50	9 27	8 57	18 8	7 32	2 39
F 22	23 26	18 53	4 32	24 46	2 13	21 51	1 48	23 28	1 3	23 9	0 16	6 24	2 9	20 55	0 32	20 46	0 30	7 53	12 50	9 24	8 56	18 7	7 33	2 39
S 23	23 26	17 49	4 58	24 34	2 11	21 35	1 48	23 22	1 3	23 9	0 16	6 23	2 8	20 55										