



Astrodienst Ephemeris Tables for the year 1996

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 1996

geocentric

FEBRUARY 1996

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 41 59	11°24'06	1°24	19°16	20°20	18°32	6°16	22°16	1°9	25°51	2°47	19°R59	20°48	13°58	14°R20	T 1
F 2	8 45 55	12°25'00	13°15	19°31	21°32	19°20	6°28	22°12	1°13	25°53	2°48	19°48	20°45	14°5	14°20	F 2
S 3	8 49 52	13°25'52	25°9	19°53	22°44	20°7	6°40	22°18	1°16	25°55	2°49	19°35	20°41	14°11	14°19	S 3
S 4	8 53 48	14°26'43	7°10	20°20	23°56	20°55	6°53	22°25	1°20	25°57	2°50	19°22	20°38	14°18	14°19	S 4
M 5	8 57 45	15°27'33	19°10	20°53	25°7	21°42	7°5	22°31	1°23	25°59	2°51	19°9	20°35	14°25	14°18	M 5
T 6	9 1 41	16°28'22	1°20	21°30	26°19	22°30	7°17	22°38	1°27	26°2	2°52	18°59	20°32	14°32	14°17	T 6
W 7	9 5 38	17°29'09	13°38	22°12	27°30	23°17	7°29	22°44	1°30	26°4	2°53	18°51	20°29	14°38	14°16	W 7
T 8	9 9 34	18°29'56	26°5	22°59	28°41	24°4	7°41	22°51	1°34	26°6	2°54	18°46	20°26	14°45	14°15	T 8
F 9	9 13 31	19°30'41	8°42	23°49	29°53	24°52	7°53	22°57	1°37	26°8	2°55	18°43	20°22	14°52	14°13	F 9
S 10	9 17 28	20°31'25	21°32	24°42	1°4	25°39	8°5	23°4	1°40	26°10	2°56	18°D42	20°19	14°58	14°12	S 10
S 11	9 21 24	21°32'09	4°37	25°39	2°15	26°27	8°17	23°11	1°44	26°12	2°57	18°43	20°16	15°5	14°11	S 11
M12	9 25 21	22°32'51	18°1	26°38	3°25	27°14	8°28	23°17	1°47	26°14	2°58	18°R44	20°13	15°12	14°9	M12
T 13	9 29 17	23°33'32	1°45	27°41	4°36	28°2	8°40	23°24	1°50	26°16	2°59	18°44	20°10	15°19	14°7	T 13
W14	9 33 14	24°34'13	15°51	28°45	5°47	28°49	8°52	23°31	1°54	26°19	2°59	18°42	20°7	15°25	14°5	W14
T 15	9 37 10	25°34'52	0°19	29°52	6°57	29°37	9°3	23°38	1°57	26°21	3°0	18°37	20°3	15°32	14°3	T 15
F 16	9 41 7	26°35'30	15°4	1°1	8°7	0°24	9°14	23°45	2°0	26°23	3°1	18°31	20°0	15°39	14°1	F 16
S 17	9 45 3	27°36'07	0°0	2°12	9°18	1°12	9°26	23°52	2°4	26°25	3°1	18°23	19°57	15°45	13°59	S 17
S 18	9 49 0	28°36'42	15°0	3°25	10°28	1°59	9°37	23°58	2°7	26°27	3°2	18°15	19°54	15°52	13°57	S 18
M19	9 52 57	29°37'16	29°54	4°40	11°38	2°46	9°48	24°5	2°10	26°29	3°3	18°8	19°51	15°59	13°55	M19
T 20	9 56 53	0°37'48	14°34	5°56	12°47	3°34	9°59	24°12	2°13	26°31	3°3	18°2	19°47	16°6	13°52	T 20
W21	10 0 50	1°38'19	28°51	7°14	13°57	4°21	10°10	24°20	2°17	26°33	3°4	17°58	19°44	16°12	13°50	W21
T 22	10 4 46	2°38'48	12°42	8°33	15°7	5°9	10°21	24°27	2°20	26°35	3°4	17°D56	19°41	16°19	13°47	T 22
F 23	10 8 43	3°39'15	26°6	9°54	16°16	5°56	10°32	24°34	2°23	26°36	3°4	17°56	19°38	16°26	13°44	F 23
S 24	10 12 39	4°39'40	9°4	11°16	17°25	6°44	10°42	24°41	2°26	26°38	3°5	17°58	19°35	16°33	13°41	S 24
S 25	10 16 36	5°40'03	21°40	12°39	18°34	7°31	10°53	24°48	2°29	26°40	3°5	17°59	19°32	16°39	13°38	S 25
M26	10 20 32	6°40'52	3°57	14°3	19°43	8°18	11°4	24°55	2°32	26°42	3°6	18°R0	19°28	16°46	13°35	M26
T 27	10 24 29	7°40'44	16°1	15°29	20°52	9°6	11°14	25°2	2°35	26°44	3°6	18°0	19°25	16°53	13°32	T 27
W28	10 28 26	8°41'02	27°56	16°56	22°0	9°53	11°24	25°10	2°38	26°46	3°6	17°57	19°22	16°59	13°29	W28
T 29	10 32 22	9°41'17	9°48	18°24	23°4	10°40	11°34	25°17	2°41	26°48	3°6	17°54	19°19	17°6	13°26	T 29

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s22	18n39	4s46	19s35	2n29	4s44	0s59	16s18	1s 5	23s 5	0n12	5s 1	2s 3	20s25	0s32	20s30	0n29	7s56	13n 0	7s49	8s 7	17n37	8s 5	2s39
F 2	17 5	17 48	5 0	19 44	2 18	4 13	0 56	16 3	1 5	23 5	0 12	4 58	2 3	20 25	0 32	20 30	0 29	7 56	13 1	7 44	8 6	17 37	8 5	2 39
S 3	16 47	16 11	5 0	19 52	2 7	3 42	0 53	15 48	1 5	23 4	0 12	4 56	2 3	20 24	0 32	20 29	0 29	7 56	13 1	7 40	8 5	17 36	8 5	2 38
S 4	16 30	13 51	4 48	19 59	1 56	3 11	0 50	15 33	1 5	23 3	0 12	4 53	2 3	20 23	0 32	20 29	0 29	7 56	13 1	7 35	8 4	17 35	8 5	2 38
M 5	16 12	10 55	4 22	20 5	1 45	2 40	0 47	15 17	1 5	23 3	0 12	4 51	2 2	20 22	0 32	20 28	0 29	7 56	13 2	7 30	8 2	17 34	8 4	2 38
T 6	15 54	7 30	3 44	20 11	1 33	2 8	0 44	15 2	1 5	23 2	0 12	4 48	2 2	20 22	0 32	20 28	0 29	7 56	13 2	7 26	8 1	17 33	8 4	2 38
W 7	15 36	3 44	2 56	20 15	1 22	1 37	0 41	14 46	1 4	23 2	0 12	4 45	2 2	20 21	0 32	20 28	0 29	7 56	13 2	7 23	8 0	17 33	8 3	2 38
T 8	15 17	0s15	1 58	20 19	1 11	1 5	0 37	14 30	1 4	23 1	0 12	4 43	2 2	20 20	0 32	20 27	0 29	7 55	13 3	7 21	7 59	17 32	8 3	2 38
F 9	14 58	4 16	0 53	20 21	1 0	0 34	0 34	14 14	1 4	23 1	0 12	4 40	2 2	20 19	0 32	20 27	0 29	7 55	13 3	7 20	7 58	17 31	8 2	2 38
S 10	14 39	8 10	0n15	20 22	0 50	0 2	0 30	13 58	1 4	23 0	0 12	4 37	2 2	20 19	0 32	20 26	0 29	7 55	13 3	7 20	7 56	17 30	8 2	2 38
S 11	14 19	11 44	1 24	20 22	0 39	0n29	0 27	13 42	1 4	22 59	0 12	4 35	2 2	20 18	0 32	20 26	0 29	7 55	13 4	7 20	7 55	17 29	8 1	2 38
M12	14 0	14 47	2 30	20 21	0 29	1 0	0 23	13 26	1 4	22 59	0 11	4 32	2 2	20 17	0 32	20 26	0 29	7 55	13 4	7 20	7 54	17 29	8 0	2 38
T 13	13 40	17 5	3 30	20 19	0 19	1 32	0 19	13 9	1 4	22 58	0 11	4 29	2 2	20 16	0 32	20 25	0 29	7 54	13 5	7 20	7 53	17 28	8 0	2 38
W14	13 20	18 25	4 18	20 16	0 9	2 3	0 16	12 52	1 3	22 57	0 11	4 26	2 2	20 16	0 32	20 25	0 29	7 54	13 5	7 19	7 52	17 27	7 59	2 38
T 15	13 0	18 35	4 51	20 11	0s 1	2 35	0 12	12 36	1 3	22 57	0 11	4 24	2 2	20 15	0 32	20 24	0 29	7 54	13 5	7 18	7 50	17 26	7 58	2 38
F 16	12 39	17 31	5 6	20 5	0 10	3 6	0 8	12 19	1 3	22 56	0 11	4 21	2 2	20 14	0 32	20 24	0 29	7 54	13 6	7 15	7 49	17 25	7 57	2 38
S 17	12 18	15 15	5 0	19 58	0 19	3 37	0 4	12 2	1 3	22 55	0 11	4 18	2 2	20 13	0 32	20 24	0 29	7 53	13 6	7 12	7 48	17 25	7 56	2 37
S 18	11 57	11 58	4 34	19 50	0 28	4 9	0n 0	11 45	1 3	22 54	0 11	4 15	2 2	20 13	0 32	20 23	0 29	7 53	13 6	7 9	7 47	17 24	7 55	2 37
M19	11 36	7 55	3 49	19 41	0 36	4 40	0 4	11 27	1 2	22 54	0 11	4 12	2 2	20 12	0 32	20 23	0 29	7 53	13 7	7 7	7 46	17 23	7 54	2 37
T 20	11 15	3 28	2 50	19 30	0 44	5 11	0 8	11 10	1 2	22 53	0 11	4 10	2 1	20 11	0 32	20 23	0 29	7 53	13 7	7 4	7 44	17 22	7 53	2 37
W21	10 53	1n 5	1 41	19 18	0 52	5 42	0 12	10 52	1 2	22 52	0 11	4 7	2 1	20 11	0 32	20 22	0 29	7 52	13 8	7 3	7 43	17 21	7 52	2 37
T 22	10 32	5 27	0 28	19 4	0 59	6 12	0 17	10 35	1 2	22 51	0 11	4 4	2 1	20 10	0 32	20 22	0 29	7 52	13 8	7 2	7 42	17 20	7 51	2 37
F 23	10 10	9 24	0s44	18 50	1 6	6 43	0 21	10 17	1 2	22 51	0 11	4 1	2 1	20 9	0 32	20 21	0 29	7 52	13 8	7 2	7 41	17 20	7 50	2 37
S 24	9 48	12 45	1 52	18 34	1 13	7 13	0 25	9 59	1 1	22 50	0 11	3 58	2 1	20 9	0 32	20 21	0 29	7 51	13 9	7 3	7 40	17 19	7 48	2 37
S 25	9 26	15 24	2 52	18 17	1 19	7 44	0 29	9 42	1 1	22 49	0 10	3 55	2 1	20 8	0 32	20 21	0 29	7 51	13 9	7 3	7 38	17 18	7 47	2 36
M26	9 4	17 17	3 43	17 58	1 26	8 14	0 34	9 24	1 1	22 48	0 10	3 52	2 1	20 7	0 33	20 20	0 29	7 51	13 9	7 4	7 37	17 17	7 46	2 36
T 27	8 41	18 20	4 24	17 39	1 31	8 44	0 38	9 6	1 1	22 48	0 10	3 50	2 1	20 6	0 33	20 20	0 29	7 51	13 10	7 3	7 36	17 16	7 44	2 36
W28	8 19	18 34	4 52	17 18	1 37	9 14	0 43	8 48	1 0	22 47	0 10	3 47	2 1	20 6	0 33	20 20	0 29	7 50	13 10	7 3	7 35	17 15	7 43	2 36
T 29	7s56	17n58	5s 7	16s55	1s42	9n43	0n47	8s29	1s 0	22s46	0n10	3s44	2s 1	20s 5	0s33	20s19	0n29	7s50	13n11	7s 1	7s34	17n15	7s42	2s36

Julian Day Number = 2450114.5, Delta T = 61.69 sec
 Ecliptic obliquity = 23°26'14, Nutation = 0°00'08, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°41'08, Lahiri = 23°48'09

ASTRODIENST EPHEMERIS for the year 1996

geocentric

MARCH 1996

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 36 19	10 ^h 41'31"	21 ^h 40'	19 ^h 53'	24 ^h 17'	11 ^h 28'	11 ^h 34'	25 ^h 24'	2 ^h 44'	26 ^h 49'	3 ^h 7'	17 ^h R48	19 ^h 16'	17 ^h 13'	13 ^h R22	F 1
S 2	10 40 15	11 ^h 41'42"	3 ^h 36'	21 ^h 24'	25 ^h 25'	12 ^h 15'	11 ^h 54'	25 ^h 32'	2 ^h 47'	26 ^h 51'	3 ^h 7'	17 ^h 42'	19 ^h 12'	17 ^h 20'	13 ^h 19'	S 2
S 3	10 44 12	12 ^h 41'52"	15 ^h 39'	22 ^h 55'	26 ^h 32'	13 ^h 2'	12 ^h 4'	25 ^h 39'	2 ^h 50'	26 ^h 53'	3 ^h 7'	17 ^h 35'	19 ^h 9'	17 ^h 26'	13 ^h 15'	S 3
M 4	10 48 8	13 ^h 41'59"	27 ^h 51'	24 ^h 28'	27 ^h 40'	13 ^h 49'	12 ^h 14'	25 ^h 46'	2 ^h 53'	26 ^h 55'	3 ^h 7'	17 ^h 29'	19 ^h 6'	17 ^h 33'	13 ^h 12'	M 4
T 5	10 52 5	14 ^h 42'05"	10 ^h 13'	26 ^h 1'	28 ^h 47'	14 ^h 37'	12 ^h 24'	25 ^h 53'	2 ^h 56'	26 ^h 56'	3 ^h 7'	17 ^h 24'	19 ^h 3'	17 ^h 40'	13 ^h 8'	T 5
W 6	10 56 1	15 ^h 42'08"	22 ^h 46'	27 ^h 36'	29 ^h 54'	15 ^h 24'	12 ^h 33'	26 ^h 1'	2 ^h 59'	26 ^h 58'	3 ^h R 7	17 ^h 20'	19 ^h 0'	17 ^h 47'	13 ^h 4'	W 6
T 7	10 59 58	16 ^h 42'10"	5 ^h 31'	29 ^h 12'	1 ^h 8'	16 ^h 11'	12 ^h 43'	26 ^h 8'	3 ^h 2'	27 ^h 0'	3 ^h 7'	17 ^h 17'	18 ^h 57'	17 ^h 53'	13 ^h 0'	T 7
F 8	11 3 54	17 ^h 42'10"	18 ^h 27'	0 ^h 49'	2 ^h 8'	16 ^h 58'	12 ^h 52'	26 ^h 16'	3 ^h 4'	27 ^h 1'	3 ^h 7'	17 ^h D17	18 ^h 53'	18 ^h 0'	12 ^h 56'	F 8
S 9	11 7 51	18 ^h 42'09"	1 ^h 36'	2 ^h 27'	3 ^h 14'	17 ^h 46'	13 ^h 1'	26 ^h 23'	3 ^h 7'	27 ^h 3'	3 ^h 7'	17 ^h 18'	18 ^h 50'	18 ^h 7'	12 ^h 52'	S 9
S 10	11 11 48	19 ^h 42'05"	14 ^h 58'	4 ^h 7'	4 ^h 21'	18 ^h 33'	13 ^h 10'	26 ^h 30'	3 ^h 10'	27 ^h 4'	3 ^h 7'	17 ^h 19'	18 ^h 47'	18 ^h 13'	12 ^h 48'	S 10
M 11	11 15 44	20 ^h 42'00"	28 ^h 33'	5 ^h 47'	5 ^h 27'	19 ^h 20'	13 ^h 19'	26 ^h 38'	3 ^h 12'	27 ^h 6'	3 ^h 6'	17 ^h 21'	18 ^h 44'	18 ^h 20'	12 ^h 44'	M 11
T 12	11 19 41	21 ^h 41'54"	12 ^h 21'	7 ^h 28'	6 ^h 33'	20 ^h 7'	13 ^h 28'	26 ^h 45'	3 ^h 15'	27 ^h 7'	3 ^h 6'	17 ^h 22'	18 ^h 41'	18 ^h 27'	12 ^h 40'	T 12
W 13	11 23 37	22 ^h 41'46"	26 ^h 23'	9 ^h 11'	7 ^h 38'	20 ^h 54'	13 ^h 37'	26 ^h 53'	3 ^h 18'	27 ^h 9'	3 ^h 6'	17 ^h R22	18 ^h 38'	18 ^h 34'	12 ^h 36'	W 13
T 14	11 27 34	23 ^h 41'36"	10 ^h 33'	10 ^h 55'	8 ^h 43'	21 ^h 41'	13 ^h 45'	27 ^h 0'	3 ^h 20'	27 ^h 10'	3 ^h 6'	17 ^h 21'	18 ^h 34'	18 ^h 40'	12 ^h 32'	T 14
F 15	11 31 30	24 ^h 41'24"	25 ^h 1'	12 ^h 40'	9 ^h 48'	22 ^h 28'	13 ^h 54'	27 ^h 8'	3 ^h 23'	27 ^h 12'	3 ^h 6'	17 ^h 19'	18 ^h 31'	18 ^h 47'	12 ^h 27'	F 15
S 16	11 35 27	25 ^h 41'11"	9 ^h 32'	14 ^h 26'	10 ^h 53'	23 ^h 15'	14 ^h 2'	27 ^h 15'	3 ^h 25'	27 ^h 13'	3 ^h 5'	17 ^h 17'	18 ^h 28'	18 ^h 54'	12 ^h 23'	S 16
S 17	11 39 23	26 ^h 40'56"	24 ^h 4'	16 ^h 14'	11 ^h 58'	24 ^h 2'	14 ^h 10'	27 ^h 22'	3 ^h 28'	27 ^h 15'	3 ^h 5'	17 ^h 14'	18 ^h 25'	19 ^h 0'	12 ^h 19'	S 17
M 18	11 43 20	27 ^h 40'39"	8 ^h 31'	18 ^h 3'	13 ^h 2'	24 ^h 49'	14 ^h 18'	27 ^h 30'	3 ^h 30'	27 ^h 16'	3 ^h 4'	17 ^h 11'	18 ^h 22'	19 ^h 7'	12 ^h 14'	M 18
T 19	11 47 17	28 ^h 40'21"	22 ^h 48'	19 ^h 53'	14 ^h 6'	25 ^h 36'	14 ^h 26'	27 ^h 37'	3 ^h 33'	27 ^h 17'	3 ^h 4'	17 ^h 9'	18 ^h 18'	19 ^h 14'	12 ^h 10'	T 19
W 20	11 51 13	29 ^h 40'00"	6 ^h 15'	21 ^h 44'	15 ^h 9'	26 ^h 23'	14 ^h 34'	27 ^h 45'	3 ^h 35'	27 ^h 19'	3 ^h 4'	17 ^h 8'	18 ^h 15'	19 ^h 21'	12 ^h 5'	W 20
T 21	11 55 10	0 ^h 13'37"	20 ^h 32'	23 ^h 36'	16 ^h 13'	27 ^h 10'	14 ^h 42'	27 ^h 52'	3 ^h 37'	27 ^h 20'	3 ^h 3'	17 ^h D 7	18 ^h 12'	19 ^h 27'	12 ^h 1'	T 21
F 22	11 59 6	1 ^h 39'12"	3 ^h 52'	25 ^h 30'	17 ^h 16'	27 ^h 57'	14 ^h 49'	28 ^h 0'	3 ^h 39'	27 ^h 21'	3 ^h 2'	17 ^h 8'	18 ^h 9'	19 ^h 34'	11 ^h 56'	F 22
S 23	12 3 3	2 ^h 38'45"	16 ^h 51'	27 ^h 25'	18 ^h 18'	28 ^h 44'	14 ^h 56'	28 ^h 7'	3 ^h 42'	27 ^h 22'	3 ^h 2'	17 ^h 9'	18 ^h 6'	19 ^h 41'	11 ^h 51'	S 23
S 24	12 6 59	3 ^h 38'16"	29 ^h 29'	29 ^h 21'	19 ^h 21'	29 ^h 30'	15 ^h 4'	28 ^h 15'	3 ^h 44'	27 ^h 23'	3 ^h 1'	17 ^h 10'	18 ^h 3'	19 ^h 48'	11 ^h 47'	S 24
M 25	12 10 56	4 ^h 37'44"	11 ^h 50'	1 ^h 18'	20 ^h 23'	0 ^h 17'	15 ^h 11'	28 ^h 22'	3 ^h 46'	27 ^h 25'	3 ^h 1'	17 ^h 12'	17 ^h 59'	19 ^h 54'	11 ^h 42'	M 25
T 26	12 14 52	5 ^h 37'10"	5 ^h 37'	3 ^h 16'	21 ^h 24'	1 ^h 4'	15 ^h 18'	28 ^h 29'	3 ^h 48'	27 ^h 26'	3 ^h 0'	17 ^h 12'	17 ^h 56'	20 ^h 1'	11 ^h 37'	T 26
W 27	12 18 49	6 ^h 36'34"	5 ^h 55'	5 ^h 16'	22 ^h 26'	1 ^h 51'	15 ^h 25'	28 ^h 37'	3 ^h 50'	27 ^h 27'	2 ^h 59'	17 ^h R13	17 ^h 53'	20 ^h 8'	11 ^h 33'	W 27
T 28	12 22 46	7 ^h 35'56"	17 ^h 48'	7 ^h 16'	23 ^h 26'	2 ^h 37'	15 ^h 31'	28 ^h 44'	3 ^h 52'	27 ^h 28'	2 ^h 59'	17 ^h 12'	17 ^h 50'	20 ^h 14'	11 ^h 28'	T 28
F 29	12 26 42	8 ^h 35'15"	29 ^h 42'	9 ^h 18'	24 ^h 27'	3 ^h 24'	15 ^h 38'	28 ^h 52'	3 ^h 54'	27 ^h 29'	2 ^h 58'	17 ^h 12'	17 ^h 47'	20 ^h 21'	11 ^h 23'	F 29
S 30	12 30 39	9 ^h 34'32"	11 ^h 39'	11 ^h 20'	25 ^h 27'	4 ^h 10'	15 ^h 44'	28 ^h 59'	3 ^h 56'	27 ^h 30'	2 ^h 57'	17 ^h 11'	17 ^h 44'	20 ^h 28'	11 ^h 18'	S 30
S 31	12 34 35	10 ^h 13'47"	23 ^h 45'	13 ^h 13'	26 ^h 27'	4 ^h 15'	15 ^h 50'	29 ^h 6'	3 ^h 58'	27 ^h 31'	2 ^h 56'	17 ^h 10'	17 ^h 40'	20 ^h 35'	11 ^h 14'	S 31

Day	☉	☾		♂	♀		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 38 32	11°32'59	6°33'	15°26'	27°26'	5°44'	15°56'	29°14'	4°00'	27°32'	2°55'	17°R 9	17°37'	20°34'	11°R 9	M 1
T 2	12 42 28	12°32'09	18°35'	17°30'	28°25'	6°30'	16° 2	29°21'	4° 2	27°33'	2°55'	17°R 9	17°34'	20°48'	11°R 4	T 2
W 3	12 46 25	13°31'17	1°23'	19°34'	29°23'	7°16'	16° 8	29°28'	4° 3	27°34'	2°54'	17° 8	17°31'	20°55'	10°59'	W 3
T 4	12 50 21	14°30'23	14°27'	21°37'	0°11'21	8° 3	16°13	29°36'	4° 5	27°35'	2°53'	17°D 8	17°28'	21° 1	10°55'	T 4
F 5	12 54 18	15°29'27	27°47'	23°40'	1°18'	8°49'	16°19	29°43'	4° 7	27°35'	2°52'	17° 8	17°24'	21° 8	10°50'	F 5
S 6	12 58 14	16°28'29	11°11'22	25°43'	2°15'	9°36'	16°24	29°50'	4° 8	27°36'	2°51'	17° 8	17°21'	21°15'	10°45'	S 6
S 7	13 2 11	17°27'29	25° 9	27°44'	3°11'	10°22	16°29	29°57'	4°10	27°37'	2°50'	17°R 8	17°18'	21°22'	10°40'	S 7
M 8	13 6 8	18°26'27	9°27'	29°44'	4° 7	11° 8	16°34	0°11'5	4°12	27°38'	2°49'	17° 8	17°15'	21°28'	10°36'	M 8
T 9	13 10 4	19°25'23	23°13'	1°42'	5° 2	11°54	16°39	0°12	4°13	27°38'	2°48'	17° 8	17°12'	21°35'	10°31'	T 9
W10	13 14 1	20°24'18	7°23'	3°38'	5°56'	12°41	16°43	0°19	4°14	27°39'	2°47'	17° 8	17° 9	21°42'	10°26'	W10
T 11	13 17 57	21°23'11	21°37'	5°31'	6°50'	13°27	16°48	0°26	4°16	27°40'	2°46'	17°D 8	17° 5	21°49'	10°22'	T 11
F 12	13 21 54	22°22'03	5°25'0	7°22'	7°44'	14°13	16°52	0°33	4°17	27°40'	2°45'	17° 8	17° 2	21°55'	10°17'	F 12
S 13	13 25 50	23°20'52	20° 0	9° 9	8°36'	14°59	16°56	0°40	4°19	27°41'	2°43'	17° 8	16°59	22° 2	10°13'	S 13
S 14	13 29 47	24°19'40	4°11'6	10°53'	9°29	15°45	17° 0	0°47	4°20	27°41'	2°42'	17° 9	16°56	22° 9	10° 8	S 14
M15	13 33 43	25°18'26	18° 5	12°33	10°20	16°31	17° 3	0°54	4°21	27°42'	2°41'	17° 9	16°53	22°15'	10° 4	M15
T 16	13 37 40	26°17'10	1°11'53	14° 9	11°11	17°17	17° 7	1° 1	4°22	27°42'	2°40'	17°10	16°49	22°22'	9°59'	T 16
W17	13 41 37	27°15'53	15°29	15°40	12° 1	18° 3	17°10	1° 8	4°23	27°43'	2°39'	17°R10	16°46	22°29'	9°55'	W17
T 18	13 45 33	28°14'33	28°51'	17° 8	12°50	18°49	17°13	1°15	4°24	27°43'	2°37'	17°10	16°43	22°36'	9°51'	T 18
F 19	13 49 30	29°13'12	11°11'57	18°30	13°38	19°34	17°16	1°22	4°25	27°43'	2°36'	17° 9	16°40	22°42'	9°46'	F 19
S 20	13 53 26	0°11'48	24°47'	19°48	14°26	20°20	17°19	1°29	4°26	27°44'	2°35'	17° 8	16°37	22°49'	9°42'	S 20
S 21	13 57 23	1°10'23	7°11'21	21° 1	15°12	21° 6	17°22	1°36	4°27	27°44'	2°33'	17° 6	16°34	22°56'	9°38'	S 21
M22	14 1 19	2° 8'56	19°41	22° 8	15°58	21°52	17°24	1°43	4°28	27°44'	2°32'	17° 4	16°30	23° 2	9°34'	M22
T 23	14 5 16	3° 7'26	1°23'48	23°11	16°43	22°37	17°27	1°49	4°29	27°44'	2°31'	17° 2	16°27	23° 9	9°30'	T 23
W24	14 9 12	4° 5'54	13°47	24° 8	17°27	23°23	17°29	1°56	4°30	27°45'	2°29'	17° 0	16°24	23°16	9°26'	W24
T 25	14 13 9	5° 4'21	25°40	25° 0	18°10	24° 8	17°31	2° 3	4°30	27°45'	2°28'	16°59	16°21	23°23	9°22'	T 25
F 26	14 17 6	6° 2'45	7°11'34	25°46	18°52	24°54	17°32	2° 9	4°31	27°45'	2°26'	16°D59	16°18	23°29	9°18'	F 26
S 27	14 21 2	7° 1'07	19°31	26°27	19°33	25°39	17°34	2°16	4°32	27°45'	2°25'	16°59	16°15	23°36	9°14'	S 27
S 28	14 24 59	7°59'27	1°11'37	27° 3	20°12	26°25	17°35	2°23	4°32	27°45'	2°24'	17° 0	16°11	23°43	9°10'	S 28
M29	14 28 55	8°57'44	13°57	27°33	20°51	27°10	17°36	2°29	4°33	27°R45	2°22'	17° 2	16° 8	23°50	9° 6	M29
T 30	14 32 52	9°56'00	26°11'33	27°57	21°11'28	27°15	17°37	2°36	4°33	27°R45	2°21'	17° 3	16° 5	23°56	9° 3	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	decl	lat	decl	lat							
M 1	4n34	6n 3	3s29	5n30	0s37	22n43	3n13	1n32	0s48	22s22	0n 7	2s10	2s 2	19s48	0s33	20s11	0n29	7s37	13n21	6s44	6s55	16n46	6s40	2s27	2s 2	17s48	0s33	20s10	0 29	7 37	13 22	6 44	6 54	16 45	6 38	2 27
T 2	4 57	2 11	2 32	6 27	0 28	23 1	3 18	1 51	0 48	22 21	0 7	2 8	2 2	19 47	0 33	20 10	0 29	7 37	13 22	6 44	6 54	16 45	6 38	2 27	2 27	17 47	0 34	20 10	0 29	7 36	13 22	6 44	6 52	16 44	6 36	2 27
W 3	5 20	1s52	1 26	7 23	0 17	23 18	3 22	2 10	0 47	22 21	0 7	2 5	2 2	19 47	0 34	20 10	0 29	7 36	13 22	6 44	6 51	16 44	6 34	2 26	2 26	17 46	0 34	20 10	0 29	7 35	13 23	6 44	6 50	16 42	6 31	2 26
T 4	5 43	5 55	0 15	8 20	0 7	23 34	3 26	2 29	0 47	22 20	0 7	2 2	2 2	19 47	0 34	20 10	0 29	7 36	13 22	6 44	6 51	16 43	6 34	2 26	2 26	17 45	0 34	20 10	0 29	7 35	13 23	6 44	6 50	16 42	6 31	2 26
F 5	6 6	9 46	0n59	9 15	0n 4	23 50	3 29	2 47	0 46	22 19	0 7	1 59	2 2	19 46	0 34	20 10	0 29	7 35	13 23	6 44	6 50	16 42	6 31	2 26	2 26	17 44	0 34	20 10	0 29	7 34	13 24	6 44	6 49	16 41	6 29	2 26
S 6	6 29	13 10	2 10	10 11	0 16	24 6	3 33	3 6	0 46	22 19	0 7	1 56	2 2	19 46	0 34	20 10	0 29	7 35	13 23	6 44	6 49	16 41	6 29	2 26	2 26	17 43	0 34	20 10	0 29	7 34	13 24	6 44	6 48	16 40	6 27	2 25
S 7	6 51	15 53	3 16	11 5	0 27	24 20	3 37	3 24	0 45	22 18	0 7	1 53	2 2	19 46	0 34	20 10	0 29	7 35	13 23	6 44	6 48	16 40	6 27	2 25	2 25	17 42	0 34	20 10	0 29	7 34	13 23	6 44	6 46	16 39	6 25	2 25
M 8	7 14	17 42	4 10	11 58	0 38	24 35	3 41	3 43	0 45	22 18	0 7	1 51	2 3	19 45	0 34	20 9	0 29	7 34	13 23	6 44	6 46	16 39	6 25	2 25	2 25	17 41	0 34	20 9	0 29	7 33	13 24	6 44	6 45	16 38	6 23	2 24
T 9	7 36	18 26	4 50	12 50	0 50	24 49	3 44	4 2	0 44	22 17	0 7	1 48	2 3	19 45	0 34	20 9	0 29	7 34	13 24	6 44	6 45	16 38	6 23	2 24	2 24	17 40	0 34	20 9	0 29	7 33	13 24	6 44	6 44	16 37	6 20	2 24
W10	7 58	18 2	5 12	13 41	1 1	25 2	3 48	4 20	0 44	22 17	0 7	1 45	2 3	19 45	0 34	20 9	0 29	7 33	13 24	6 44	6 44	16 37	6 20	2 24	2 24	17 39	0 34	20 9	0 29	7 32	13 24	6 44	6 42	16 35	6 16	2 23
T 11	8 20	16 30	5 16	14 30	1 12	25 15	3 51	4 38	0 43	22 16	0 7	1 42	2 3	19 44	0 34	20 9	0 29	7 33	13 24	6 44	6 43	16 36	6 18	2 24	2 24	17 38	0 34	20 9	0 29	7 32	13 24	6 44	6 42	16 35	6 16	2 23
F 12	8 42	13 57	5 0	15 16	1 23	25 27	3 54	4 57	0 43	22 16	0 6	1 40	2 3	19 44	0 34	20 9	0 29	7 32	13 24	6 44	6 42	16 35	6 16	2 23	2 23	17 37	0 34	20 9	0 29	7 31	13 25	6 45	6 37	16 32	6 7	2 21
S 13	9 4	10 36	4 26	16 1	1 33	25 39	3 58	5 15	0 42	22 16	0 6	1 37	2 3	19 44	0 34	20 9	0 29	7 32	13 25	6 44	6 40	16 34	6 14	2 23	2 23	17 36	0 34	20 9	0 29	7 31	13 25	6 45	6 37	16 32	6 7	2 21
S 14	9 26	6 38	3 37	16 44	1 44	25 50	4 1	5 33	0 42	22 15	0 6	1 34	2 3	19 43	0 34	20 9	0 29	7 32	13 25	6 44	6 39	16 33	6 12	2 22	2 22	17 35	0 34	20 9	0 29	7 30	13 25	6 45	6 35	16 31	6 5	2 21
M15	9 47	2 21	2 34	17 24	1 53	26 1	4 4	5 51	0 41	22 15	0 6	1 32	2 3	19 43	0 34	20 9	0 29	7 31	13 25	6 44	6 38	16 33	6 9	2 22	2 22	17 34	0 34	20 9	0 29	7 29	13 26	6 44	6 32	16 28	5 59	2 20
T 16	10 9	2n 2	1 24	18 2	2 2	26 11	4 6	6 9	0 41	22 14	0 6	1 29	2 3	19 43	0 34	20 9	0 29	7 31	13 25	6 45	6 37	16 32	6 7	2 21	2 21	17 33	0 34	20 9	0 29	7 28	13 26	6 42	6 29	16 26	5 55	2 19
W17	10 30	6 14	0 9	18 37	2 11	26 21	4 9	6 27	0 40	22 14	0 6	1 26	2 4	19 43	0 34	20 8	0 29	7 30	13 25	6 45	6 35	16 31	6 5	2 21	2 21	17 32	0 34	20 8	0 29	7 27	13 27	6 41	6 28	16 25	5 53	2 18
T 18	10 51	10 4	1s 4	19 9	2 18	26 30	4 12	6 45	0 40	22 14	0 6	1 24	2 4	19 43	0 34	20 8	0 29	7 30	13 26	6 45	6 34	16 30	6 3	2 20	2 20	17 31	0 34	20 8	0 29	7 26	13 27	6 40	6 22	16 20	5 43	2 16
F 19	11 12	13 19	2 13	19 39	2 25	26 38	4 14	7 3	0 39	22 14	0 6	1 21	2 4	19 42	0 34	20 8	0 29	7 29	13 26	6 44	6 33	16 29	6 1	2 20	2 20	17 30	0 34	20 8	0 29	7 25	13 27	6 41	6 27	16 24	5 51	2 18
S 20	11 32	15 50	3 13	20 7	2 31	26 46	4 16	7 21	0 39	22 13	0 6	1 18	2 4	19 42	0 34	20 8	0 29	7 29	13 26	6 44	6 32	16 28	5 59	2 20	2 20	17 29	0 34	20 8	0 29	7 24	13 27	6 40	6 26	16 23	5 49	2 17
S 21	11 53	17 32	4 3	20 31	2 37	26 54	4 19	7 39	0 38	22 13	0 6	1 16	2 4	19 42	0 34	20 8	0 29	7 29	13 26	6 43	6 31	16 27	5 57	2 19	2 19	17 28	0 34	20 8	0 29	7 23	13 27	6 41	6 27	16 24	5 51	2 18
M22	12 13	18 23	4 40	20 54	2 41	27 1	4 20	7 56	0 38	22 13	0 5	1 13	2 4	19 42	0 34	20 8	0 29	7 28	13 26	6 42	6 29	16 26	5 55	2 19	2 19	17 27	0 34	20 8	0 29	7 22	13 27	6 40	6 26	16 23	5 49	2 17
T 23	12 33	18 21	5 4	21 13	2 44	27 7	4 22	8 14	0 37	22 13	0 5	1 11	2 4	19 42	0 34	20 8	0 29	7 28	13 26	6 41	6 28	16 25	5 53	2 18	2 18	17 26	0 34	20 8	0 29	7 21	13 27	6 40	6 24	16 22	5 47	2 17
W24	12 53	17 30	5 15	21 30	2 47	27 13	4 24	8 31	0 36	22 12	0 5	1 8	2 4	19 41	0 34	20 8	0 29	7 27	13 27	6 41	6 27	16 24	5 51	2 18	2 18	17 25	0 34	20 8	0 29	7 20	13 27	6 40	6 22	16 19	5 43	2 15
T 25	13 13	15 54	5 12	21 44	2 48	27 19	4 25	8 48	0 36	22 12	0 5	1 5	2 5	19 41	0 34	20 8	0 29	7 27	13 27	6 40	6 26	16 23	5 49	2 17	2 17	17 24	0 34	20 8	0 29	7 19	13 27	6 40	6 22	16 19	5 43	2 15
F 26	13 32	13 37	4 55	21 55	2 48	27 24	4 27	9 5	0 35	22 12	0 5	1 3	2 5	19 41	0 34	20 8	0 29	7 27	13 27	6 40	6 24	16 22	5 47	2 17	2 17	17 23	0 34	20 8	0 29	7 18	13 27	6 40	6 23	16 21	5 45	2 16
S 27	13 51	10 45	4 26	22 4	2 47	27 28	4 28	9 23	0 35	22 12	0 5	1 0	2 5	19 41	0 34	20 8	0 29	7 26	13 27	6 40	6 23	16 21	5 45	2 16	2 16	17 22	0 34	20 8	0 29	7 17	13 27	6 40	6 22	16 20	5 43	2 15
S 28	14 10	7 24	3 45	22 10	2 45	27 32	4 29	9 40	0 34	22 12	0 5	0 58	2 5	19 41	0 34	20 8	0 29	7 26	13 27	6 41	6 22	16 20	5 43	2 16	2 16	17 21	0 34	20 8	0 29	7 16	13 27	6 41	6 21	16 19	5 41	2 15
M29	14 29	3 40	2 52	22 14	2 42	27 36	4 29	9 56	0 34	22 12	0 5	0 56	2 5	19 41	0 34	20 8	0 29	7 25	13 27	6 41	6 22	16 19	5 43	2 15	2 15	17 20	0 34	20 8	0 29	7 15	13 27	6 41	6 21	16 19	5 41	2 15
T 30	14n48	0s19	1s51	22n15	2n37	27n39	4n30	10n13	0s33	22s12	0n 5	0s53	2s 5	19s41	0s34	20s 8	0n29	7s25	13n27	6s42	6s20	16n18	5s39	2s15	2s 15	17 19	0 34	20 8	0 29	7 14	13 27	6 41	6 21	16 19	5 41	2 15

ASTRODIENST EPHEMERIS for the year 1996

geocentric

MAY 1996

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 36 48	10♂54'14	9♂30	28♂15	22♂4	28♂40	17♂38	2♂42	4♂34	27♂45	2♂19	17♂4	16♂2	24♂3	8♂59	W 1
T 2	14 40 45	11°52'26	22°48	28°29	22°39	29°26	17°39	2°48	4°34	27♂45	2♂18	17°R 4	15°59	24°10	8♂56	T 2
F 3	14 44 41	12°50'36	6♂28	28°36	23°12	0♂11	17°39	2°55	4°34	27°45	2°16	17° 3	15°55	24°16	8°52	F 3
S 4	14 48 38	13°48'44	20°28	28°R39	23°44	0°56	17°39	3° 1	4°34	27°45	2°14	17° 1	15°52	24°23	8°49	S 4
S 5	14 52 35	14°46'51	4♂44	28°36	24°14	1°41	17°R39	3° 7	4°35	27°45	2°13	16°57	15°49	24°30	8°46	S 5
M 6	14 56 31	15°44'56	19°10	28°28	24°43	2°26	17°39	3°13	4°35	27°44	2°11	16°53	15°46	24°37	8°43	M 6
T 7	15 0 28	16°43'00	3♂42	28°15	25°11	3°11	17°39	3°19	4°35	27°44	2°10	16°49	15°43	24°43	8°40	T 7
W 8	15 4 24	17°41'02	18°12	27°58	25°37	3°56	17°38	3°25	4°35	27°44	2° 8	16°46	15°40	24°50	8°37	W 8
T 9	15 8 21	18°39'03	2♂36	27°37	26° 1	4°41	17°38	3°31	4°R35	27°44	2° 7	16°43	15°36	24°57	8°34	T 9
F 10	15 12 17	19°37'02	16°51	27°12	26°23	5°25	17°37	3°37	4°35	27°43	2° 5	16°D43	15°33	25° 3	8°31	F 10
S 11	15 16 14	20°35'01	0♂53	26°44	26°43	6°10	17°36	3°43	4°35	27°43	2° 3	16°43	15°30	25°10	8°28	S 11
S 12	15 20 10	21°32'58	14°42	26°14	27° 2	6°55	17°34	3°49	4°35	27°43	2° 2	16°44	15°27	25°17	8°26	S 12
M13	15 24 7	22°30'53	28°19	25°41	27°19	7°39	17°33	3°55	4°35	27°42	2° 0	16°46	15°24	25°24	8°23	M13
T 14	15 28 4	23°28'48	11♂42	25° 7	27°34	8°24	17°31	4° 1	4°34	27°42	1°59	16°R47	15°20	25°30	8°21	T 14
W15	15 32 0	24°26'41	24°53	24°31	27°46	9° 9	17°29	4° 6	4°34	27°41	1°57	16°46	15°17	25°37	8°19	W15
T 16	15 35 57	25°24'32	7♂52	23°56	27°57	9°53	17°27	4°12	4°34	27°41	1°55	16°44	15°14	25°44	8°16	T 16
F 17	15 39 53	26°22'23	20°39	23°21	28° 6	10°38	17°25	4°17	4°33	27°40	1°54	16°41	15°11	25°51	8°14	F 17
S 18	15 43 50	27°20'12	3♂14	22°47	28°12	11°22	17°23	4°23	4°33	27°40	1°52	16°35	15° 8	25°57	8°12	S 18
S 19	15 47 46	28°18'00	15°38	22°14	28°16	12° 6	17°20	4°28	4°32	27°39	1°50	16°28	15° 5	26° 4	8°10	S 19
M20	15 51 43	29°15'46	27°51	21°43	28°R18	12°51	17°17	4°34	4°32	27°38	1°49	16°20	15° 1	26°11	8° 9	M20
T 21	15 55 39	0♂13'30	9♂54	21°15	28°17	13°35	17°14	4°39	4°31	27°38	1°47	16°12	14°58	26°17	8° 7	T 21
W22	15 59 36	1°11'14	21°51	20°50	28°14	14°19	17°11	4°44	4°31	27°37	1°45	16° 5	14°55	26°24	8° 5	W22
T 23	16 3 33	2° 8'55	3♂43	20°28	28° 9	15° 3	17° 8	4°49	4°30	27°36	1°44	16° 0	14°52	26°31	8° 4	T 23
F 24	16 7 29	3° 6'35	15°35	20°10	28° 1	15°47	17° 4	4°54	4°29	27°36	1°42	15°56	14°49	26°38	8° 3	F 24
S 25	16 11 26	4° 4'14	27°31	19°56	27°51	16°31	17° 1	4°59	4°29	27°35	1°40	15°55	14°46	26°44	8° 1	S 25
S 26	16 15 22	5° 1'51	9♂35	19°46	27°38	17°15	16°57	5° 4	4°28	27°34	1°39	15°D54	14°42	26°51	8° 0	S 26
M27	16 19 19	5°59'27	21°52	19°40	27°23	17°59	16°53	5° 9	4°27	27°33	1°37	15°55	14°39	26°58	7°59	M27
T 28	16 23 15	6°57'01	4♂28	19°D39	27° 6	18°43	16°49	5°14	4°26	27°32	1°36	15°56	14°36	27° 4	7°58	T 28
W29	16 27 12	7°54'34	17°27	19°42	26°46	19°27	16°44	5°19	4°25	27°32	1°34	15°R57	14°33	27°11	7°57	W29
T 30	16 31 8	8°52'05	0♂51	19°50	26°24	20°10	16°40	5°23	4°24	27°31	1°32	15°56	14°30	27°18	7°57	T 30
F 31	16 35 5	9♂49'35	14♂42	20♂2	25♂59	20♂54	16♂35	5♂28	4♂23	27♂30	1♂31	15♂53	14♂26	27♂25	7♂56	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
W 1	15n 6	4s24	0s42	22n14	2n32	27n41	4n30	10n30	0s32	22s12	0n 5	0s51	2s 5	19s41	0s34	20s 8
T 2	15 24	8 23	0n31	22 10	2 25	27 43	4 30	10 46	0 32	22 12	0 4	0 48	2 6	19 41	0 35	20 8
F 3	15 42	12 2	1 45	22 4	2 16	27 45	4 30	11 3	0 31	22 12	0 4	0 46	2 6	19 41	0 35	20 8
S 4	15 59	15 5	2 53	21 55	2 7	27 46	4 29	11 19	0 31	22 12	0 4	0 44	2 6	19 41	0 35	20 8
S 5	16 16	17 17	3 52	21 44	1 57	27 47	4 28	11 35	0 30	22 12	0 4	0 41	2 6	19 41	0 35	20 8
M 6	16 33	18 24	4 37	21 31	1 45	27 47	4 27	11 51	0 30	22 12	0 4	0 39	2 6	19 41	0 35	20 8
T 7	16 50	18 19	5 4	21 16	1 32	27 46	4 26	12 7	0 29	22 13	0 4	0 37	2 6	19 41	0 35	20 8
W 8	17 6	17 2	5 12	20 59	1 19	27 46	4 24	12 23	0 28	22 13	0 4	0 34	2 7	19 41	0 35	20 8
T 9	17 22	14 42	5 1	20 40	1 4	27 44	4 22	12 39	0 28	22 13	0 4	0 32	2 7	19 41	0 35	20 8
F 10	17 38	11 29	4 30	20 19	0 48	27 43	4 20	12 54	0 27	22 13	0 4	0 30	2 7	19 41	0 35	20 8
S 11	17 54	7 40	3 44	19 57	0 32	27 41	4 17	13 10	0 27	22 13	0 3	0 28	2 7	19 41	0 35	20 8
S 12	18 9	3 28	2 46	19 33	0 15	27 38	4 14	13 25	0 26	22 14	0 3	0 26	2 7	19 41	0 35	20 8
M13	18 24	0n51	1 39	19 9	0s 2	27 35	4 10	13 40	0 25	22 14	0 3	0 24	2 7	19 41	0 35	20 8
T 14	18 38	5 3	0 28	18 44	0 19	27 32	4 7	13 55	0 25	22 14	0 3	0 22	2 8	19 41	0 35	20 8
W15	18 53	8 57	0s44	18 18	0 37	27 28	4 2	14 10	0 24	22 15	0 3	0 19	2 8	19 41	0 35	20 9
T 16	19 7	12 22	1 52	17 53	0 54	27 23	3 58	14 24	0 23	22 15	0 3	0 17	2 8	19 41	0 35	20 9
F 17	19 10	15 7	2 53	17 27	1 12	27 18	3 53	14 39	0 23	22 16	0 3	0 15	2 8	19 41	0 35	20 9
S 18	19 34	17 7	3 45	17 2	1 29	27 13	3 47	14 53	0 22	22 16	0 3	0 13	2 8	19 41	0 35	20 9
S 19	19 47	18 16	4 25	16 38	1 45	27 7	3 41	15 7	0 22	22 16	0 2	0 11	2 9	19 42	0 35	20 9
M20	19 59	18 33	4 53	16 15	2 1	27 1	3 35	15 22	0 21	22 17	0 2	0 9	2 9	19 42	0 35	20 9
T 21	20 12	17 58	5 6	15 53	2 15	26 54	3 28	15 35	0 20	22 17	0 2	0 8	2 9	19 42	0 35	20 9
W22	20 24	16 37	5 7	15 33	2 30	26 46	3 21	15 49	0 20	22 18	0 2	0 6	2 9	19 42	0 35	20 9
T 23	20 35	14 33	4 54	15 15	2 43	26 39	3 13	16 3	0 19	22 18	0 2	0 4	2 9	19 42	0 35	20 9
F 24	20 47	11 53	4 28	14 59	2 55	26 30	3 5	16 16	0 18	22 19	0 2	0 2	2 10	19 43	0 35	20 10
S 25	20 58	8 43	3 51	14 45	3 6	26 21	2 56	16 29	0 18	22 20	0 2	0 0	2 10	19 43	0 35	20 10
S 26	21 8	5 9	3 3	14 32	3 15	26 12	2 47	16 43	0 17	22 20	0 2	0n 1	2 10	19 43	0 35	20 10
M27	21 18	1 18	2 6	14 23	3 24	26 2	2 37	16 55	0 16	22 21	0 1	0 3	2 10	19 43	0 35	20 10
T 28	21 28	2s43	1 1	14 15	3 32	25 51	2 27	17 8	0 16	22 22	0 1	0 5	2 11	19 43	0 35	20 10
W29	21 38	6 43	0n 8	14 10	3 38	25 40	2 16	17 21	0 15	22 22	0 1	0 7	2 11	19 44	0 35	20 10
T 30	21 47	10 32	1 19	14 7	3 43	25 28	2 5	17 33	0 14	22 23	0 1	0 8	2 11	19 44	0 35	20 11
F 31	21n55	13s53	2n28	14n 6	3s47	25n16	1n53	17n45	0s14	22s24	0n 1	0n10	2s11	19s44	0s36	20s11

Julian Day Number = 2450204.5, Delta T = 61.86 sec
 Ecliptic obliquity = 23°26'14, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°41'21, Lahiri = 23°48'21

ASTRODIENST EPHEMERIS for the year 1996
geocentric

JUNE 1996

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 2	10 ^{II} 47'04	28 ^{III} 58	20 ^{III} 19	25°R33	21 ^{III} 38	16°R31	5°Y32	4°R22	27°R29	1°R29	15°R47	14 ^{II} 23	27 ^{III} 31	7°R56	S 1
S 2	16 42 58	11°44'32	13 ^{III} 36	20°40	25 ^{II} 5	22°21	16 ^{III} 26	5°37	4 ^{III} 21	27 ^{III} 28	1 ^{III} 27	15 ^{II} 40	14°20	27°38	7 ^{II} 55	S 2
M 3	16 46 55	12°41'59	28°27	21° 5	24°35	23° 5	16°21	5°41	4°20	27°27	1°26	15°32	14°17	27°45	7°55	M 3
T 4	16 50 51	13°39'25	13 ^{III} 25	21°35	24° 3	23°48	16°15	5°45	4°19	27°26	1°24	15°23	14°14	27°52	7°55	T 4
W 5	16 54 48	14°36'51	28°19	22° 8	23°30	24°31	16°10	5°50	4°17	27°25	1°23	15°16	14°11	27°58	7°D55	W 5
T 6	16 58 44	15°34'15	13 ^{III} 1	22°46	22°55	25°15	16° 4	5°54	4°16	27°24	1°21	15°10	14° 7	28° 5	7°55	T 6
F 7	17 2 41	16°31'39	27°26	23°28	22°19	25°58	15°59	5°58	4°15	27°22	1°19	15° 6	14° 4	28°12	7°55	F 7
S 8	17 6 37	17°29'02	11 ^{III} 32	24°14	21°43	26°41	15°53	6° 2	4°13	27°21	1°18	15° 5	14° 1	28°18	7°55	S 8
S 9	17 10 34	18°26'25	25°17	25° 4	21° 6	27°24	15°47	6° 6	4°12	27°20	1°16	15°D 5	13°58	28°25	7°56	S 9
M10	17 14 31	19°23'47	8°Y42	25°57	20°28	28° 8	15°41	6° 9	4°11	27°19	1°15	15°R 5	13°55	28°32	7°56	M10
T 11	17 18 27	20°21'09	21°50	26°54	19°51	28°51	15°35	6°13	4° 9	27°18	1°13	15° 5	13°52	28°39	7°57	T 11
W12	17 22 24	21°18'30	4 ^{III} 42	27°55	19°13	29°34	15°29	6°17	4° 7	27°17	1°12	15° 4	13°48	28°45	7°58	W12
T 13	17 26 20	22°15'51	17°23	28°59	18°36	0 ^{II} 17	15°22	6°20	4° 6	27°15	1°10	15° 0	13°45	28°52	7°59	T 13
F 14	17 30 17	23°13'11	29°52	0 ^{II} 6	17°59	1° 0	15°16	6°24	4° 4	27°14	1° 9	14°53	13°42	28°59	7°59	F 14
S 15	17 34 13	24°10'31	12 ^{II} 12	1°17	17°24	1°42	15° 9	6°27	4° 3	27°13	1° 7	14°43	13°39	29° 5	8° 1	S 15
S 16	17 38 10	25° 7'50	24°23	2°32	16°49	2°25	15° 2	6°30	4° 1	27°12	1° 6	14°32	13°36	29°12	8° 2	S 16
M17	17 42 6	26° 5'09	6 ^{III} 28	3°49	16°15	3° 8	14°55	6°33	3°59	27°10	1° 4	14°19	13°32	29°19	8° 3	M17
T 18	17 46 3	27° 2'27	18°26	5°10	15°43	3°51	14°49	6°36	3°58	27° 9	1° 3	14° 7	13°29	29°26	8° 5	T 18
W19	17 50 0	27°59'44	0 ^{II} 19	6°34	15°12	4°33	14°42	6°39	3°56	27° 8	1° 1	13°55	13°26	29°32	8° 6	W19
T 20	17 53 56	28°57'01	12°10	8° 1	14°44	5°16	14°34	6°42	3°54	27° 6	1° 0	13°45	13°23	29°39	8° 8	T 20
F 21	17 57 53	29°54'17	24° 0	9°32	14°17	5°58	14°27	6°45	3°52	27° 5	0°58	13°37	13°20	29°46	8°10	F 21
S 22	18 1 49	0 ^{II} 51'32	5 ^{III} 55	11° 5	13°52	6°41	14°20	6°48	3°50	27° 3	0°57	13°33	13°17	29°52	8°11	S 22
S 23	18 5 46	1°48'47	17°57	12°42	13°29	7°23	14°13	6°50	3°48	27° 2	0°56	13°30	13°13	29°59	8°13	S 23
M24	18 9 42	2°46'01	0 ^{II} 12	14°22	13° 8	8° 5	14° 5	6°53	3°47	27° 1	0°54	13°D30	13°10	0 ^{II} 6	8°15	M24
T 25	18 13 39	3°43'15	12°44	16° 4	12°50	8°48	13°58	6°55	3°45	26°59	0°53	13°R30	13° 7	0°13	8°18	T 25
W26	18 17 35	4°40'28	25°39	17°50	12°33	9°30	13°51	6°58	3°43	26°58	0°52	13°29	13° 4	0°19	8°20	W26
T 27	18 21 32	5°37'40	9 ^{III} 1	19°39	12°20	10°12	13°43	7° 0	3°41	26°56	0°50	13°27	13° 1	0°26	8°22	T 27
F 28	18 25 29	6°34'52	22°53	21°30	12° 8	10°54	13°35	7° 2	3°39	26°55	0°49	13°23	12°58	0°33	8°25	F 28
S 29	18 29 25	7°32'03	7 ^{III} 13	23°24	11°59	11°36	13°28	7° 4	3°37	26°53	0°48	13°17	12°54	0°39	8°28	S 29
S 30	18 33 22	8 ^{III} 29'15	22 ^{III} 0	25 ^{II} 21	11 ^{II} 53	12 ^{II} 18	13 ^{III} 20	7°Y 6	3 ^{III} 34	26 ^{III} 52	0 ^{II} 47	13 ^{II} 8	12 ^{II} 51	0 ^{II} 46	8 ^{II} 30	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	decl	lat
S 1	22n 4	16s31	3n29	14n 7	3s50	25n 3	1n41	17n57	0s13	22s24	0n 1	0n11	2s11	19s45	0s36	20s11	0n29	7s16	13n27	6s13	5s40	15n44	4s56	1s57					
S 2	22 12	18 9	4 19	14 11	3 53	24 49	1 29	18 9	0 13	22 25	0 1	0 13	2 12	19 45	0 36	20 11	0 29	7 16	13 27	6 10	5 39	15 43	4 56	1 57					
M 3	22 19	18 34	4 51	14 16	3 54	24 35	1 16	18 21	0 12	22 26	0 0	0 14	2 12	19 45	0 36	20 11	0 29	7 16	13 26	6 7	5 38	15 42	4 55	1 56					
T 4	22 26	17 43	5 4	14 24	3 54	24 21	1 3	18 32	0 11	22 27	0 0	0 16	2 12	19 45	0 36	20 12	0 29	7 16	13 26	6 4	5 37	15 41	4 54	1 56					
W 5	22 33	15 39	4 57	14 33	3 53	24 6	0 49	18 44	0 11	22 27	0 0	0 17	2 12	19 46	0 36	20 12	0 29	7 16	13 26	6 1	5 35	15 40	4 54	1 55					
T 6	22 39	12 35	4 30	14 44	3 51	23 50	0 36	18 55	0 10	22 28	0 0	0 19	2 13	19 46	0 36	20 12	0 29	7 16	13 26	5 58	5 34	15 39	4 53	1 54					
F 7	22 45	8 49	3 46	14 57	3 49	23 35	0 22	19 6	0 9	22 29	0s 0	0 20	2 13	19 46	0 36	20 12	0 29	7 16	13 26	5 57	5 33	15 38	4 53	1 54					
S 8	22 51	4 38	2 49	15 11	3 45	23 18	0 8	19 17	0 9	22 30	0 0	0 21	2 13	19 47	0 36	20 12	0 29	7 15	13 25	5 56	5 32	15 37	4 53	1 53					
S 9	22 56	0 17	1 44	15 27	3 41	23 2	0s 7	19 27	0 8	22 31	0 0	0 23	2 13	19 47	0 36	20 13	0 29	7 15	13 25	5 56	5 30	15 36	4 52	1 53					
M10	23 1	3n58	0 34	15 44	3 36	22 45	0 21	19 37	0 7	22 31	0 0	0 24	2 14	19 48	0 36	20 13	0 29	7 15	13 25	5 57	5 29	15 34	4 52	1 52					
T 11	23 5	7 57	0s36	16 3	3 30	22 28	0 35	19 48	0 7	22 32	0 1	0 25	2 14	19 48	0 36	20 13	0 29	7 15	13 25	5 57	5 28	15 33	4 52	1 52					
W12	23 9	11 29	1 42	16 23	3 24	22 11	0 49	19 58	0 6	22 33	0 1	0 26	2 14	19 48	0 36	20 13	0 29	7 15	13 25	5 56	5 27	15 32	4 51	1 51					
T 13	23 13	14 25	2 43	16 43	3 17	21 54	1 3	20 7	0 5	22 34	0 1	0 28	2 14	19 49	0 36	20 14	0 29	7 15	13 24	5 54	5 26	15 31	4 51	1 51					
F 14	23 16	16 38	3 34	17 5	3 10	21 37	1 17	20 17	0 5	22 35	0 1	0 29	2 15	19 49	0 36	20 14	0 29	7 15	13 24	5 52	5 24	15 30	4 51	1 50					
S 15	23 19	18 3	4 15	17 27	3 1	21 20	1 30	20 26	0 4	22 36	0 1	0 30	2 15	19 49	0 36	20 14	0 29	7 15	13 24	5 48	5 23	15 29	4 51	1 49					
S 16	23 21	18 36	4 43	17 50	2 53	21 4	1 44	20 35	0 3	22 37	0 1	0 31	2 15	19 50	0 36	20 14	0 29	7 15	13 24	5 44	5 22	15 28	4 51	1 49					
M17	23 23	18 19	4 58	18 14	2 44	20 48	1 57	20 44	0 3	22 38	0 1	0 32	2 15	19 50	0 36	20 15	0 29	7 15	13 23	5 39	5 21	15 27	4 51	1 48					
T 18	23 24	17 13	5 0	18 38	2 34	20 32	2 9	20 53	0 2	22 38	0 2	0 33	2 16	19 51	0 36	20 15	0 29	7 15	13 23	5 34	5 19	15 26	4 51	1 48					
W19	23 25	15 22	4 49	19 2	2 24	20 17	2 21	21 2	0 1	22 39	0 2	0 34	2 16	19 51	0 36	20 15	0 29	7 15	13 23	5 29	5 18	15 24	4 51	1 47					
T 20	23 26	12 54	4 25	19 27	2 14	20 2	2 33	21 10	0 0	22 40	0 2	0 35	2 16	19 52	0 36	20 15	0 29	7 15	13 22	5 25	5 17	15 23	4 51	1 47					
F 21	23 26	9 54	3 50	19 51	2 3	19 48	2 44	21 18	0n 0	22 41	0 2	0 36	2 16	19 52	0 36	20 16	0 29	7 15	13 22	5 23	5 16	15 22	4 52	1 46					
S 22	23 26	6 28	3 5	20 15	1 52	19 34	2 55	21 26	0 1	22 42	0 2	0 36	2 17	19 53	0 36	20 16	0 29	7 15	13 22	5 21	5 14	15 21	4 52	1 46					
S 23	23 25	2 45	2 11	20 39	1 41	19 21	3 5	21 34	0 2	22 43	0 2	0 37	2 17	19 53	0 36	20 16	0 29	7 15	13 22	5 20	5 13	15 20	4 52	1 45					
M24	23 24	1s 9	1 10	21 3	1 29	19 9	3 15	21 42	0 2	22 44	0 2	0 38	2 17	19 54	0 36	20 16	0 29	7 15	13 21	5 19	5 12	15 19	4 53	1 45					
T 25	23 23	5 6	0 4	21 26	1 17	18 58	3 24	21 49	0 3	22 45	0 3	0 39	2 17	19 54	0 36	20 17	0 29	7 15	13 21	5 19	5 11	15 18	4 53	1 44					
W26	23 21	8 55	1n 4	21 48	1 5	18 47	3 33	21 56	0 4	22 46	0 3	0 39	2 18	19 54	0 36	20 17	0 29	7 15	13 21	5 19	5 10	15 17	4 53	1 43					
T 27	23 19	12 26	2 11	22 9	0 54	18 37	3 41	22 3	0 4	22 47	0 3	0 40	2 18	19 55	0 36	20 17	0 29	7 15	13 20	5 19	5 8	15 15	4 54	1 43					
F 28	23 16	15 23	3 12	22 28	0 42	18 28	3 49	22 10	0 5	22 48	0 3	0 40	2 18	19 55	0 36	20 18	0 29	7 16	13 20	5 17	5 7	15 14	4 54	1 42					
S 29	23 13	17 30	4 4	22 47	0 30	18 20	3 56	22 16	0 6	22 49	0 3	0 41	2 19	19 56	0 36	20 18	0 29	7 16	13 20	5 14	5 6	15 13	4 55	1 42					
S 30	23n10	18s32	4n41	23n 3	0s18	18n12	4s 2	22n22	0n 6	22s49	0s 3	0n42	2s19	19s56	0s36	20s18	0n29	7s16	13n19	5s11	5s 5	15n12	4s55	1s41					

Julian Day Number = 2450235.5, Delta T = 61.92 sec
Ecliptic obliquity = 23°26'14, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°41'25, Lahiri = 23°48'25

ASTRODIENST EPHEMERIS for the year 1996

geocentric

JULY 1996

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 37 18	9 ²⁶ 26'26	7 ³ 5	27 ^{II} 20	11°R48	13 ^{II} 0	13°R13	7 ^Y 8	3°R32	26°R50	0°R46	12°R57	12 [♂] 48	0 [♂] 53	8 [♂] 33	M 1	
T 2	18 41 15	10°23'36	22°20	29°21	11°D47	13°42	13 [♂] 5	7°10	3 [♂] 30	26 [♂] 49	0 [♂] 44	12 [♂] 46	12°45	1° 0	8°36	T 2	
W 3	18 45 11	11°20'47	7 [♂] 32	19 [♂] 24	11 ^{II} 47	14°24	12°57	7°11	3°28	26°47	0°43	12°37	12°42	1° 6	8°39	W 3	
T 4	18 49 8	12°17'58	22°33	3°29	11°50	15° 5	12°50	7°13	3°26	26°46	0°42	12°29	12°38	1°13	8°42	T 4	
F 5	18 53 4	13°15'09	7 [♂] 13	5°36	11°55	15°47	12°42	7°14	3°24	26°44	0°41	12°24	12°35	1°20	8°46	F 5	
S 6	18 57 1	14°12'20	21°29	7°44	12° 2	16°29	12°34	7°16	3°22	26°42	0°40	12°21	12°32	1°26	8°49	S 6	
S 7	19 0 58	15° 9'32	5 ^Y 19	9°53	12°12	17°10	12°26	7°17	3°19	26°41	0°39	12°20	12°29	1°33	8°53	S 7	
M 8	19 4 54	16° 6'44	18°43	12° 2	12°23	17°52	12°19	7°18	3°17	26°39	0°38	12°20	12°26	1°40	8°56	M 8	
T 9	19 8 51	17° 3'56	1 [♂] 46	14°12	12°37	18°33	12°11	7°19	3°15	26°38	0°37	12°20	12°23	1°47	9° 0	T 9	
W10	19 12 47	18° 1'09	14°30	16°22	12°52	19°15	12° 3	7°20	3°12	26°36	0°36	12°18	12°19	1°53	9° 4	W10	
T 11	19 16 44	18°58'22	26°59	18°31	13°10	19°56	11°56	7°21	3°10	26°34	0°35	12°13	12°16	2° 0	9° 7	T 11	
F 12	19 20 40	19°55'36	9 ^{II} 16	20°40	13°29	20°37	11°48	7°22	3° 8	26°33	0°34	12° 6	12°13	2° 7	9°11	F 12	
S 13	19 24 37	20°52'50	21°24	22°49	13°50	21°18	11°41	7°22	3° 6	26°31	0°33	11°56	12°10	2°14	9°15	S 13	
S 14	19 28 33	21°50'05	3 [♂] 26	24°57	14°13	22° 0	11°33	7°23	3° 3	26°30	0°32	11°44	12° 7	2°20	9°20	S 14	
M15	19 32 30	22°47'20	15°23	27° 3	14°38	22°41	11°26	7°23	3° 1	26°28	0°31	11°31	12° 4	2°27	9°24	M15	
T 16	19 36 27	23°44'35	27°16	29° 9	15° 4	23°22	11°18	7°24	2°59	26°26	0°31	11°17	12° 0	2°34	9°28	T 16	
W17	19 40 23	24°41'51	9 [♂] 7	1 [♂] 12	15°32	24° 3	11°11	7°24	2°56	26°25	0°30	11° 5	11°57	2°40	9°33	W17	
T 18	19 44 20	25°39'07	20°58	3°15	16° 1	24°44	11° 4	7°24	2°54	26°23	0°29	10°54	11°54	2°47	9°37	T 18	
F 19	19 48 16	26°36'23	2 [♂] 50	5°16	16°31	25°25	10°57	7°R24	2°51	26°21	0°28	10°46	11°51	2°54	9°42	F 19	
S 20	19 52 13	27°33'40	14°47	7°15	17° 3	26° 6	10°50	7°24	2°49	26°20	0°28	10°41	11°48	3° 1	9°47	S 20	
S 21	19 56 9	28°30'56	26°50	9°13	17°37	26°46	10°42	7°24	2°47	26°18	0°27	10°38	11°44	3° 7	9°51	S 21	
M22	20 0 6	29°28'13	9 [♂] 6	11° 9	18°11	27°27	10°36	7°24	2°44	26°17	0°26	10°D37	11°41	3°14	9°56	M22	
T 23	20 4 2	0 [♂] 25'31	21°37	13° 3	18°47	28° 8	10°29	7°23	2°42	26°15	0°26	10°37	11°38	3°21	10° 1	T 23	
W24	20 7 59	1°22'49	4 [♂] 29	14°56	19°24	28°48	10°22	7°23	2°39	26°13	0°25	10°R37	11°35	3°27	10° 6	W24	
T 25	20 11 56	2°20'07	17°46	16°47	20° 2	29°29	10°15	7°22	2°37	26°12	0°25	10°36	11°32	3°34	10°12	T 25	
F 26	20 15 52	3°17'25	1 [♂] 31	18°36	20°42	0 [♂] 9	10° 9	7°21	2°35	26°10	0°24	10°33	11°29	3°41	10°17	F 26	
S 27	20 19 49	4°14'44	15°45	20°23	21°22	0°50	10° 2	7°21	2°32	26° 9	0°24	10°28	11°25	3°47	10°22	S 27	
S 28	20 23 45	5°12'04	0 [♂] 27	22° 9	22° 3	1°30	9°56	7°20	2°30	26° 7	0°23	10°21	11°22	3°54	10°28	S 28	
M29	20 27 42	6° 9'24	15°30	23°53	22°46	2°10	9°50	7°19	2°27	26° 5	0°23	10°12	11°19	4° 1	10°33	M29	
T 30	20 31 38	7° 6'44	0 [♂] 46	25°35	23°29	2°50	9°44	7°18	2°25	26° 4	0°22	10° 3	11°16	4° 8	10°39	T 30	
W31	20 35 35	8 [♂] 4'06	16 [♂] 5	27 [♂] 15	24 ^{II} 14	3 [♂] 31	9 [♂] 38	7 ^Y 17	2 [♂] 23	26 [♂] 2	0 [♂] 22	9 [♂] 55	11 [♂] 13	4 [♂] 14	10 [♂] 44	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
M 1	23n 6	18s16	4n59	23n18	0s 6	18n 6	4s 8	22n28	0n 7	22s50	0s 3	0n42	2s19	19s57	0s36	20s18	0n29	7s16	13n19	5s 7	5s 3	15n11	4s56	1s41	1s41
T 2	23 2	16 43	4 56	23 31	0n 5	18 0	4 14	22 34	0 8	22 51	0 4	0 42	2 19	19 58	0 36	20 19	0 29	7 16	13 18	5 3	5 2	15 10	4 57	1 40	1 40
W 3	22 57	13 59	4 33	23 42	0 16	17 55	4 19	22 40	0 8	22 52	0 4	0 43	2 20	19 58	0 36	20 19	0 29	7 16	13 18	4 59	5 1	15 9	4 58	1 40	1 40
T 4	22 52	10 21	3 51	23 50	0 26	17 51	4 24	22 45	0 9	22 53	0 4	0 43	2 20	19 59	0 36	20 19	0 29	7 16	13 18	4 56	5 0	15 7	4 58	1 39	1 39
F 5	22 47	6 10	2 54	23 56	0 37	17 47	4 28	22 50	0 10	22 54	0 4	0 44	2 20	19 59	0 36	20 20	0 29	7 17	13 17	4 54	4 58	15 6	4 59	1 39	1 39
S 6	22 41	1 43	1 48	23 59	0 46	17 44	4 32	22 55	0 11	22 55	0 4	0 44	2 20	20 0	0 36	20 20	0 29	7 17	13 17	4 53	4 57	15 5	5 0	1 38	1 38
S 7	22 35	2n41	0 37	23 59	0 55	17 42	4 35	23 0	0 11	22 56	0 4	0 44	2 21	20 0	0 36	20 20	0 29	7 17	13 16	4 52	4 56	15 4	5 1	1 38	1 38
M 8	22 28	6 49	0s34	23 57	1 4	17 41	4 38	23 5	0 12	22 56	0 4	0 44	2 21	20 1	0 36	20 21	0 29	7 17	13 16	4 52	4 55	15 3	5 2	1 37	1 37
T 9	22 21	10 30	1 41	23 52	1 12	17 40	4 41	23 9	0 13	22 57	0 5	0 44	2 21	20 1	0 36	20 21	0 29	7 17	13 16	4 52	4 53	15 2	5 3	1 37	1 37
W10	22 13	13 37	2 41	23 44	1 19	17 40	4 43	23 13	0 13	22 58	0 5	0 45	2 22	20 2	0 36	20 21	0 29	7 17	13 15	4 51	4 52	15 0	5 4	1 36	1 36
T 11	22 6	16 2	3 33	23 34	1 25	17 40	4 45	23 17	0 14	22 59	0 5	0 45	2 22	20 2	0 37	20 22	0 29	7 18	13 15	4 50	4 51	14 59	5 5	1 36	1 36
F 12	21 57	17 40	4 13	23 20	1 31	17 41	4 47	23 21	0 15	23 0	0 5	0 45	2 22	20 3	0 37	20 22	0 29	7 18	13 14	4 47	4 50	14 58	5 6	1 35	1 35
S 13	21 49	18 29	4 42	23 5	1 35	17 42	4 48	23 24	0 15	23 1	0 5	0 45	2 22	20 3	0 37	20 22	0 29	7 18	13 14	4 43	4 48	14 57	5 7	1 35	1 35
S 14	21 40	18 27	4 57	22 46	1 40	17 44	4 49	23 28	0 16	23 1	0 5	0 45	2 23	20 4	0 37	20 23	0 29	7 18	13 14	4 38	4 47	14 56	5 8	1 34	1 34
M15	21 31	17 35	5 0	22 26	1 43	17 46	4 49	23 31	0 17	23 2	0 5	0 45	2 23	20 5	0 37	20 23	0 29	7 19	13 13	4 33	4 46	14 55	5 10	1 34	1 34
T 16	21 21	15 59	4 49	22 3	1 45	17 48	4 49	23 34	0 17	23 3	0 6	0 44	2 23	20 5	0 37	20 23	0 29	7 19	13 13	4 28	4 45	14 53	5 11	1 33	1 33
W17	21 11	13 42	4 26	21 38	1 47	17 51	4 50	23 36	0 18	23 4	0 6	0 44	2 24	20 6	0 37	20 23	0 29	7 19	13 12	4 23	4 44	14 52	5 12	1 33	1 33
T 18	21 1	10 51	3 51	21 11	1 48	17 54	4 49	23 39	0 19	23 4	0 6	0 44	2 24	20 6	0 37	20 24	0 29	7 20	13 12	4 19	4 42	14 51	5 13	1 32	1 32
F 19	20 50	7 34	3 6	20 42	1 49	17 58	4 49	23 41	0 20	23 5	0 6	0 44	2 24	20 7	0 37	20 24	0 29	7 20	13 11	4 16	4 41	14 50	5 15	1 32	1 32
S 20	20 39	3 57	2 13	20 12	1 48	18 2	4 48	23 43	0 20	23 6	0 6	0 44	2 24	20 7	0 37	20 24	0 29	7 20	13 11	4 14	4 40	14 49	5 16	1 31	1 31
S 21	20 27	0 9	1 13	19 41	1 48	18 6	4 47	23 45	0 21	23 7	0 6	0 43	2 25	20 8	0 37	20 25	0 29	7 20	13 10	4 12	4 39	14 47	5 18	1 31	1 31
M22	20 16	3s44	0 8	19 8	1 46	18 10	4 46	23 46	0 22	23 7	0 6	0 43	2 25	20 8	0 37	20 25	0 29	7 21	13 10	4 12	4 37	14 46	5 19	1 30	1 30
T 23	20 3	7 32	0n58	18 33	1 44	18 14	4 45	23 48	0 22	23 8	0 6	0 42	2 25	20 9	0 37	20 25	0 29	7 21	13 10	4 12	4 36	14 45	5 21	1 30	1 30
W24	19 51	11 5	2 3	17 58	1 41	18 19	4 43	23 49	0 23	23 9	0 7	0 42	2 25	20 10	0 37	20 26	0 29	7 22	13 9	4 12	4 35	14 44	5 22	1 29	1 29
T 25	19 38	14 11	3 4	17 22	1 38	18 23	4 41	23 50	0 24	23 9	0 7	0 42	2 26	20 10	0 37	20 26	0 29	7 22	13 9	4 12	4 34	14 43	5 24	1 29	1 29
F 26	19 25	16 36	3 56	16 44	1 34	18 28	4 39	23 51	0 24	23 10	0 7	0 41	2 26	20 11	0 37	20 26	0 29	7 22	13 8	4 11	4 32	14 41	5 25	1 28	1 28
S 27	19 12	18 6	4 36	16 7	1 30	18 33	4 37	23 51	0 25	23 10	0 7	0 40	2 26	20 11	0 37	20 27	0 29	7 23	13 8	4 9	4 31	14 40	5 27	1 28	1 28
S 28	18 58	18 27	4 59	15 28	1 25	18 38	4 35	23 52	0 26	23 11	0 7	0 40	2 27	20 12	0 37	20 27	0 29	7 23	13 7	4 6	4 30	14 39	5 29	1 27	1 27
M29	18 44	17 32	5 2	14 49	1 20	18 42	4 32	23 52	0 27	23 12	0 7	0 39	2 27	20 12	0 37	20 27	0 29	7 23	13 7	4 2	4 29	14 38	5 31	1 27	1 27
T 30	18 30	15 21	2 1	14 9	1 14	18 47	4 30	23 52	0 27	23 12	0 7	0 39	2 27	20 13	0 37	20 28	0 29	7 24	13 6	3 59	4 27	14 37	5 32	1 27	1 27
W31	18n15	12s 6	4n 6	13n29	1n 8	18n52	4s27	23n51	0n28	23s13	0s 7	0n38	2s27	20s13	0s37	20s28	0n29	7s24	13n 6	3s55	4s26	14n35	5s34	1s26	1s26

ASTRODIENST EPHEMERIS for the year 1996

geocentric

AUGUST 1996

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	20 39 31	9♌1'28	1♋15	28♌54	24♏59	4♌11	9♒32	7♒15	2♒20	26♒1	0♒22	9♒48	11♏10	4♌21	10♏50	T 1
F 2	20 43 28	9°58'51	16° 6	0♏31	25°45	4°51	9♏26	7♒14	2♏18	25♏59	0♏21	9♏44	11° 6	4°28	10°56	F 2
S 3	20 47 25	10°56'15	0♒33	2° 6	26°32	5°31	9°20	7°12	2°16	25°57	0°21	9°41	11° 3	4°34	11° 2	S 3
S 4	20 51 21	11°53'41	14°31	3°40	27°19	6°11	9°15	7°11	2°13	25°56	0°21	9°D41	11° 0	4°41	11° 8	S 4
M 5	20 55 18	12°51'07	28° 2	5°12	28° 8	6°51	9°10	7° 9	2°11	25°54	0°21	9°42	10°57	4°48	11°14	M 5
T 6	20 59 14	13°48'35	11♏8	6°42	28°57	7°31	9° 5	7° 8	2° 9	25°53	0°20	9°R43	10°54	4°55	11°20	T 6
W 7	21 3 11	14°46'04	23°51	8°11	29°47	8°10	9° 0	7° 6	2° 6	25°51	0°20	9°42	10°50	5° 1	11°26	W 7
T 8	21 7 7	15°43'35	6♏17	9°38	0♏38	8°50	8°55	7° 4	2° 4	25°50	0°20	9°40	10°47	5° 8	11°32	T 8
F 9	21 11 4	16°41'07	18°29	11° 3	1°29	9°30	8°50	7° 2	2° 2	25°48	0°20	9°36	10°44	5°15	11°39	F 9
S 10	21 15 0	17°38'40	0♏31	12°26	2°21	10° 9	8°45	7° 0	1°59	25°47	0°20	9°29	10°41	5°21	11°45	S 10
S 11	21 18 57	18°36'15	12°27	13°48	3°13	10°49	8°41	6°57	1°57	25°45	0°D20	9°21	10°38	5°28	11°52	S 11
M12	21 22 54	19°33'50	24°20	15° 8	4° 6	11°28	8°37	6°55	1°55	25°44	0°20	9°12	10°35	5°35	11°58	M12
T 13	21 26 50	20°31'27	6♌11	16°25	5° 0	12° 8	8°33	6°53	1°53	25°42	0°20	9° 2	10°31	5°42	12° 5	T 13
W14	21 30 47	21°29'06	18° 3	17°41	5°54	12°47	8°29	6°50	1°50	25°41	0°20	8°54	10°28	5°48	12°12	W14
T 15	21 34 43	22°26'45	29°56	18°55	6°49	13°26	8°25	6°48	1°48	25°40	0°20	8°46	10°25	5°55	12°18	T 15
F 16	21 38 40	23°24'26	11♏54	20° 7	7°45	14° 6	8°22	6°45	1°46	25°38	0°21	8°41	10°22	6° 2	12°25	F 16
S 17	21 42 36	24°22'08	23°58	21°17	8°40	14°45	8°18	6°42	1°44	25°37	0°21	8°38	10°19	6° 8	12°32	S 17
S 18	21 46 33	25°19'51	6♏10	22°24	9°37	15°24	8°15	6°39	1°42	25°35	0°21	8°D37	10°15	6°15	12°39	S 18
M19	21 50 29	26°17'35	18°32	23°30	10°33	16° 3	8°12	6°36	1°39	25°34	0°21	8°37	10°12	6°22	12°46	M19
T 20	21 54 26	27°15'20	1♏9	24°32	11°31	16°42	8° 9	6°33	1°37	25°33	0°22	8°38	10° 9	6°29	12°53	T 20
W21	21 58 23	28°13'07	14° 3	25°33	12°28	17°21	8° 7	6°30	1°35	25°31	0°22	8°40	10° 6	6°35	13° 0	W21
T 22	22 2 19	29°10'54	27°18	26°30	13°26	18° 0	8° 4	6°27	1°33	25°30	0°22	8°R40	10° 3	6°42	13° 7	T 22
F 23	22 6 16	0♏8'43	10♏57	27°25	14°25	18°39	8° 2	6°24	1°31	25°29	0°23	8°40	10° 0	6°49	13°15	F 23
S 24	22 10 12	1° 6'33	25° 0	28°17	15°24	19°17	8° 0	6°21	1°29	25°28	0°23	8°38	9°56	6°55	13°22	S 24
S 25	22 14 9	2° 4'25	9♏28	29° 5	16°23	19°56	7°58	6°17	1°27	25°26	0°24	8°34	9°53	7° 2	13°29	S 25
M26	22 18 5	3° 2'17	24°16	29°51	17°23	20°35	7°56	6°14	1°25	25°25	0°24	8°30	9°50	7° 9	13°37	M26
T 27	22 22 2	4° 0'11	9♏19	0♏32	18°23	21°13	7°55	6°10	1°23	25°24	0°25	8°25	9°47	7°15	13°44	T 27
W28	22 25 58	4°58'06	24°27	1°10	19°23	21°52	7°53	6° 7	1°22	25°23	0°25	8°20	9°44	7°22	13°52	W28
T 29	22 29 55	5°56'02	9♏31	1°44	20°24	22°30	7°52	6° 3	1°20	25°22	0°26	8°17	9°41	7°29	13°59	T 29
F 30	22 33 52	6°54'00	24°22	2°14	21°25	23° 8	7°51	5°59	1°18	25°21	0°26	8°14	9°37	7°36	14° 7	F 30
S 31	22 37 48	7♏52'00	8♒52	2♏39	22♏27	23♏47	7♏50	5♒56	1♏16	25♏20	0♏27	8°D14	9♏34	7♏42	14♏15	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	decl
T 1	18n 0	8s 4	3n10	12n49	1n 2	18n57	4s24	23n51	0n29	23s13	0s 8	0n37	2s28	20s14	0s37	20s28	0n29	7s25	13n 5	3s53	4s25	14n34	5s36	1s26		
F 2	17 45	3 36	2 3	12 9	0 55	19 1	4 21	23 50	0 29	23 14	0 8	0 36	2 28	20 14	0 37	20 28	0 29	7 25	13 5	3 51	4 24	14 33	5 38	1 25		
S 3	17 29	0n58	0 49	11 28	0 48	19 6	4 18	23 49	0 30	23 14	0 8	0 36	2 28	20 15	0 37	20 29	0 29	7 25	13 4	3 50	4 22	14 32	5 40	1 25		
S 4	17 13	5 20	0s26	10 47	0 40	19 10	4 15	23 48	0 31	23 15	0 8	0 35	2 28	20 16	0 37	20 29	0 29	7 26	13 4	3 50	4 21	14 31	5 42	1 24		
M 5	16 57	9 16	1 37	10 6	0 32	19 14	4 11	23 47	0 31	23 15	0 8	0 34	2 29	20 16	0 37	20 29	0 29	7 26	13 3	3 51	4 20	14 29	5 44	1 24		
T 6	16 41	12 37	2 40	9 26	0 24	19 18	4 8	23 46	0 32	23 16	0 8	0 33	2 29	20 17	0 37	20 30	0 29	7 27	13 3	3 51	4 19	14 28	5 46	1 23		
W 7	16 24	15 17	3 34	8 45	0 16	19 22	4 4	23 44	0 33	23 16	0 8	0 32	2 29	20 17	0 37	20 30	0 29	7 27	13 2	3 51	4 17	14 27	5 48	1 23		
T 8	16 7	17 9	4 16	8 4	0 8	19 26	4 0	23 42	0 34	23 17	0 8	0 31	2 29	20 18	0 37	20 30	0 29	7 28	13 2	3 50	4 16	14 26	5 50	1 23		
F 9	15 50	18 11	4 46	7 24	0s 1	19 29	3 57	23 40	0 34	23 17	0 9	0 30	2 30	20 18	0 37	20 31	0 29	7 28	13 1	3 48	4 15	14 24	5 52	1 22		
S 10	15 33	18 24	5 3	6 44	0 10	19 32	3 53	23 38	0 35	23 18	0 9	0 29	2 30	20 19	0 37	20 31	0 29	7 29	13 1	3 46	4 14	14 23	5 54	1 22		
S 11	15 15	17 47	5 6	6 4	0 19	19 35	3 49	23 35	0 36	23 18	0 9	0 28	2 30	20 19	0 37	20 31	0 29	7 29	13 0	3 42	4 12	14 22	5 56	1 21		
M12	14 57	16 24	4 56	5 25	0 29	19 38	3 45	23 33	0 36	23 18	0 9	0 27	2 30	20 20	0 37	20 31	0 29	7 30	13 0	3 39	4 11	14 21	5 58	1 21		
T 13	14 39	14 19	4 33	4 46	0 38	19 40	3 41	23 30	0 37	23 19	0 9	0 25	2 31	20 20	0 37	20 32	0 29	7 30	12 59	3 35	4 10	14 20	6 1	1 20		
W14	14 20	11 38	3 59	4 8	0 48	19 42	3 36	23 27	0 38	23 19	0 9	0 24	2 31	20 21	0 37	20 32	0 29	7 31	12 59	3 32	4 9	14 18	6 3	1 20		
T 15	14 2	8 28	3 13	3 30	0 58	19 44	3 32	23 24	0 38	23 19	0 9	0 23	2 31	20 21	0 37	20 32	0 29	7 31	12 58	3 29	4 7	14 17	6 5	1 20		
F 16	13 43	4 57	2 19	2 53	1 8	19 45	3 28	23 20	0 39	23 20	0 9	0 22	2 31	20 22	0 37	20 33	0 29	7 32	12 58	3 27	4 6	14 16	6 7	1 19		
S 17	13 24	1 12	1 19	2 16	1 18	19 46	3 23	23 17	0 40	23 20	0 9	0 20	2 32	20 22	0 37	20 33	0 29	7 32	12 57	3 25	4 5	14 15	6 10	1 19		
S 18	13 5	2s39	0 13	1 40	1 28	19 47	3 19	23 13	0 41	23 20	0 10	0 19	2 32	20 23	0 37	20 33	0 29	7 33	12 57	3 25	4 4	14 13	6 12	1 18		
M19	12 45	6 26	0n54	1 5	1 38	19 47	3 14	23 9	0 41	23 21	0 10	0 18	2 32	20 23	0 37	20 33	0 29	7 34	12 56	3 25	4 2	14 12	6 14	1 18		
T 20	12 25	10 0	1 59	0 31	1 48	19 47	3 10	23 5	0 42	23 21	0 10	0 16	2 32	20 24	0 37	20 34	0 29	7 34	12 56	3 26	4 1	14 11	6 17	1 17		
W21	12 6	13 11	3 1	0s 2	1 58	19 47	3 5	23 1	0 43	23 21	0 10	0 15	2 32	20 24	0 37	20 34	0 29	7 35	12 55	3 26	4 0	14 10	6 19	1 17		
T 22	11 45	15 45	3 54	0 34	2 8	19 46	3 1	22 57	0 43	23 21	0 10	0 14	2 33	20 24	0 37	20 34	0 29	7 35	12 55	3 26	3 59	14 8	6 22	1 17		
F 23	11 25	17 32	4 36	1 5	2 18	19 44	2 56	22 52	0 44	23 22	0 10	0 12	2 33	20 25	0 37	20 34	0 29	7 36	12 54	3 26	3 57	14 7	6 24	1 16		
S 24	11 5	18 18	5 3	1 35	2 28	19 43	2 51	22 47	0 45	23 22	0 10	0 11	2 33	20 25	0 37	20 35	0 29	7 36	12 53	3 25	3 56	14 6	6 26	1 16		
S 25	10 44	17 56	5 11	2 4	2 38	19 41	2 47	22 43	0 46	23 22	0 10	0 9	2 33	20 26	0 37	20 35	0 29	7 37	12 53	3 24	3 55	14 5	6 29	1 15		
M26	10 23	16 20	5 0	2 31	2 48	19 38	2 42	22 37	0 46	23 22	0 10	0 8	2 33	20 26	0 37	20 35	0 29	7 38	12 52	3 22	3 54	14 3	6 31	1 15		
T 27	10 2	13 37	4 27	2 56	2 58	19 35	2 37	22 32	0 47	23 23	0 11	0 6	2 34	20 27	0 37	20 35	0 29	7 38	12 52	3 20	3 52	14 2	6 34	1 15		
W28	9 41	9 58	3 36	3 20	3 7	19 31	2 32	22 27	0 48	23 23	0 11	0 4	2 34	20 27	0 37	20 36	0 28	7 39	12 51	3 18	3 51	14 1	6 37	1 14		
T 29	9 20	5 40	2 31	3 42	3 16	19 27	2 27	22 21	0 48	23 23	0 11	0 3	2 34	20 27	0 37	20 36	0 28	7 39	12 51	3 17	3 50	14 0	6 39	1 14		
F 30	8 59	1 5	1 15	4 1	3 25	19 23	2 23	22 16	0 49	23 23	0 11	0 1	2 34	20 28	0 37	20 36	0 28	7 40	12 50	3 16	3 49	13 58	6 42	1 14		
S 31	8n37	3n28	0s 3	4s19	3s33	19n18	2s18	22n10	0n50	23s23	0s11	0s 0	2s34	20s28	0s36	20s36	0n28	7s41	12n50	3s16	3s47	13n57	6s44	1s12		

ASTRODIENST EPHEMERIS for the year 1996

geocentric

SEPTEMBER 1996

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 45	8 ^h 50'02	22 ^h 57	3 ^h 0	23 ^h 29	24 ^h 25	7°R50	5°R52	1°R14	25°R18	0 ^h 28	8 ^h 14	9 ^h 31	7 ^h 49	14 ^h 22	S 1
M 2	22 45 41	9°48'05	6 ^h 34	3°15	24°31	25° 3	7 ^h 349	5°Y48	1 ^h 13	25 ^h 17	0°29	8°16	9°28	7°56	14°30	M 2
T 3	22 49 38	10°46'11	19°46	3°25	25°33	25°41	7°49	5°44	1°11	25°16	0°29	8°17	9°25	8° 2	14°38	T 3
W 4	22 53 34	11°44'18	2 ^h 34	3°R29	26°36	26°19	7°D49	5°40	1° 9	25°15	0°30	8°19	9°21	8° 9	14°46	W 4
T 5	22 57 31	12°42'27	15° 2	3°28	27°39	26°57	7°49	5°36	1° 8	25°14	0°31	8°R19	9°18	8°16	14°54	T 5
F 6	23 1 127	13°40'39	27°14	3°20	28°43	27°35	7°50	5°32	1° 6	25°13	0°32	8°18	9°15	8°23	15° 2	F 6
S 7	23 5 24	14°38'52	9 ^h 15	3° 6	29°46	28°13	7°50	5°27	1° 5	25°13	0°33	8°16	9°12	8°29	15° 9	S 7
S 8	23 9 20	15°37'08	21°10	2°45	0 ^h 50	28°51	7°51	5°23	1° 3	25°12	0°34	8°13	9° 9	8°36	15°18	S 8
M 9	23 13 17	16°35'25	3 ^h 0	2°18	1°55	29°29	7°52	5°19	1° 2	25°11	0°35	8°10	9° 6	8°43	15°26	M 9
T 10	23 17 14	17°33'44	14°52	1°45	2°59	0 ^h 6	7°53	5°15	1° 0	25°10	0°36	8° 7	9° 2	8°49	15°34	T 10
W11	23 21 10	18°32'05	26°47	1° 5	4° 4	0°44	7°54	5°10	0°59	25° 9	0°37	8° 3	8°59	8°56	15°42	W11
T 12	23 25 7	19°30'29	8 ^h 46	0°20	5° 9	1°21	7°56	5° 6	0°58	25° 8	0°38	8° 1	8°56	9° 3	15°50	T 12
F 13	23 29 3	20°28'54	20°54	29 ^h 29	6°14	1°59	7°58	5° 1	0°56	25° 8	0°39	7°59	8°53	9° 9	15°58	F 13
S 14	23 33 0	21°27'20	3 ^h 10	28°33	7°19	2°36	7°59	4°57	0°55	25° 7	0°40	7°D58	8°50	9°16	16° 6	S 14
S 15	23 36 56	22°25'49	15°36	27°34	8°25	3°14	8° 2	4°53	0°54	25° 6	0°41	7°58	8°47	9°23	16°15	S 15
M16	23 40 53	23°24'19	28°14	26°32	9°31	3°51	8° 4	4°48	0°53	25° 5	0°42	7°59	8°43	9°30	16°23	M16
T 17	23 44 49	24°22'52	11 ^h 5	25°29	10°37	4°28	8° 6	4°43	0°52	25° 5	0°43	8° 0	8°40	9°36	16°31	T 17
W18	23 48 46	25°21'26	24°11	24°26	11°43	5° 5	8° 9	4°39	0°50	25° 4	0°45	8° 1	8°37	9°43	16°40	W18
T 19	23 52 43	26°20'01	7 ^h 33	23°25	12°50	5°42	8°12	4°34	0°49	25° 4	0°46	8° 2	8°34	9°50	16°48	T 19
F 20	23 56 39	27°18'39	21°12	22°27	13°57	6°19	8°15	4°30	0°48	25° 3	0°47	8°R 3	8°31	9°56	16°56	F 20
S 21	0 0 36	28°17'18	5 ^h 9	21°34	15° 3	6°56	8°18	4°25	0°47	25° 3	0°49	8° 3	8°27	10° 3	17° 5	S 21
S 22	0 4 32	29°15'58	19°22	20°47	16°11	7°33	8°21	4°20	0°47	25° 2	0°50	8° 2	8°24	10°10	17°13	S 22
M23	0 8 29	0 ^h 14'40	3 ^h 31	20° 8	17°18	8° 9	8°25	4°16	0°46	25° 2	0°51	8° 2	8°21	10°16	17°22	M23
T 24	0 12 25	1°13'24	18°30	19°37	18°25	8°46	8°28	4°11	0°45	25° 1	0°53	8° 1	8°18	10°23	17°30	T 24
W25	0 16 22	2°12'10	3 ^h 15	19°15	19°33	9°23	8°32	4° 6	0°44	25° 1	0°54	8° 0	8°15	10°30	17°39	W25
T 26	0 20 18	3°10'57	17°58	19° 2	20°41	9°59	8°36	4° 2	0°43	25° 0	0°56	8° 0	8°12	10°37	17°47	T 26
F 27	0 24 15	4° 9'47	2 ^h 34	19°D 0	21°49	10°36	8°41	3°57	0°43	25° 0	0°57	7°D59	8° 8	10°43	17°56	F 27
S 28	0 28 12	5° 8'38	16°55	19° 8	22°57	11°12	8°45	3°52	0°42	25° 0	0°59	7°59	8° 5	10°50	18° 5	S 28
S 29	0 32 8	6° 7'31	0 ^h 56	19°26	24° 6	11°48	8°50	3°48	0°42	25° 0	1° 0	8° 0	8° 2	10°57	18°13	S 29
M30	0 36 5	7 ^h 6'27	14 ^h 34	19 ^h 54	25 ^h 14	12 ^h 24	8 ^h 54	3°Y43	0 ^h 41	24 ^h 59	1 ^h 2	8 ^h 0	7 ^h 59	11 ^h 3	18 ^h 22	M30

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
S 1	8n15	7n41	1s20	4s35	3s41	19n13	2s13	22n 4	0n51	23s23	0s11	0s 2	2s34	20s28	0s36	20s37	0n28	7s41	12n49	3s16	3s46	13n56	6s47	1s13					
M 2	7 54	11 22	2 29	4 47	3 49	19 7	2 8	21 58	0 51	23 23	0 11	0 4	2 35	20 29	0 36	20 37	0 28	7 42	12 49	3 17	3 45	13 54	6 50	1 12					
T 3	7 32	14 20	3 28	4 58	3 55	19 1	2 3	21 51	0 52	23 24	0 11	0 6	2 35	20 29	0 36	20 37	0 28	7 43	12 48	3 17	3 44	13 53	6 52	1 12					
W 4	7 10	16 30	4 15	5 5	4 1	18 54	1 58	21 45	0 53	23 24	0 11	0 7	2 35	20 30	0 36	20 37	0 28	7 43	12 48	3 18	3 42	13 52	6 55	1 12					
T 5	6 47	17 49	4 49	5 9	4 7	18 47	1 53	21 38	0 53	23 24	0 11	0 9	2 35	20 30	0 36	20 37	0 28	7 44	12 47	3 18	3 41	13 51	6 58	1 11					
F 6	6 25	18 16	5 8	5 10	4 11	18 39	1 48	21 32	0 54	23 24	0 11	0 11	2 35	20 30	0 36	20 38	0 28	7 45	12 47	3 18	3 40	13 49	7 1	1 11					
S 7	6 3	17 53	5 14	5 7	4 14	18 30	1 44	21 25	0 55	23 24	0 12	0 13	2 35	20 31	0 36	20 38	0 28	7 45	12 46	3 17	3 39	13 48	7 3	1 11					
S 8	5 40	16 44	5 6	5 0	4 16	18 22	1 39	21 18	0 56	23 24	0 12	0 14	2 36	20 31	0 36	20 38	0 28	7 46	12 46	3 16	3 37	13 47	7 6	1 10					
M 9	5 18	14 51	4 45	4 50	4 16	18 12	1 34	21 11	0 56	23 24	0 12	0 16	2 36	20 31	0 36	20 38	0 28	7 46	12 45	3 14	3 36	13 45	7 9	1 10					
T 10	4 55	12 21	4 12	4 36	4 15	18 3	1 29	21 3	0 57	23 24	0 12	0 18	2 36	20 31	0 36	20 38	0 28	7 47	12 45	3 13	3 35	13 44	7 12	1 10					
W11	4 32	9 19	3 28	4 17	4 12	17 52	1 24	20 56	0 58	23 24	0 12	0 20	2 36	20 32	0 36	20 38	0 28	7 48	12 44	3 12	3 34	13 43	7 14	1 9					
T 12	4 9	5 54	2 34	3 55	4 8	17 42	1 19	20 48	0 58	23 24	0 12	0 22	2 36	20 32	0 36	20 39	0 28	7 49	12 44	3 11	3 32	13 42	7 17	1 9					
F 13	3 46	2 11	1 33	3 29	4 2	17 30	1 15	20 41	0 59	23 24	0 12	0 24	2 36	20 32	0 36	20 39	0 28	7 49	12 44	3 10	3 31	13 40	7 20	1 8					
S 14	3 23	1s40	0 27	2 59	3 53	17 19	1 10	20 33	1 0	23 24	0 12	0 25	2 36	20 33	0 36	20 39	0 28	7 50	12 43	3 10	3 30	13 39	7 23	1 8					
S 15	3 0	5 30	0n42	2 27	3 43	17 7	1 5	20 25	1 1	23 24	0 12	0 27	2 36	20 33	0 36	20 39	0 28	7 51	12 43	3 10	3 29	13 38	7 26	1 8					
M16	2 37	9 8	1 50	1 51	3 31	16 54	1 0	20 17	1 1	23 24	0 12	0 29	2 36	20 33	0 36	20 39	0 28	7 51	12 42	3 10	3 27	13 36	7 29	1 7					
T 17	2 14	12 24	2 53	1 13	3 17	16 41	0 56	20 9	1 2	23 24	0 12	0 31	2 36	20 33	0 36	20 39	0 28	7 52	12 42	3 10	3 26	13 35	7 32	1 7					
W18	1 51	15 7	3 49	0 34	3 1	16 27	0 51	20 1	1 3	23 24	0 12	0 33	2 37	20 33	0 36	20 39	0 28	7 53	12 41	3 11	3 25	13 34	7 34	1 7					
T 19	1 27	17 4	4 33	0n 6	2 44	16 13	0 47	19 52	1 4	23 24	0 13	0 35	2 37	20 34	0 36	20 40	0 28	7 53	12 41	3 11	3 24	13 32	7 37	1 6					
F 20	1 4	18 6	5 3	0 45	2 26	15 58	0 42	19 44	1 4	23 23	0 13	0 37	2 37	20 34	0 36	20 40	0 28	7 54	12 40	3 11	3 22	13 31	7 40	1 6					
S 21	0 41	18 4	5 17	1 24	2 7	15 43	0 37	19 35	1 5	23 23	0 13	0 39	2 37	20 34	0 36	20 40	0 28	7 55	12 40	3 11	3 21	13 30	7 43	1 6					
S 22	0 18	16 55	5 11	2 1	1 47	15 28	0 33	19 27	1 6	23 23	0 13	0 40	2 37	20 34	0 36	20 40	0 28	7 55	12 39	3 11	3 20	13 29	7 46	1 5					
M23	0s 6	14 40	4 46	2 35	1 27	15 12	0 28	19 18	1 6	23 23	0 13	0 42	2 37	20 34	0 36	20 40	0 28	7 56	12 39	3 11	3 19	13 27	7 49	1 5					
T 24	0 29	11 27	4 1	3 5	1 7	14 55	0 24	19 9	1 7	23 23	0 13	0 44	2 37	20 35	0 36	20 40	0 28	7 57	12 38	3 11	3 17	13 26	7 52	1 5					
W25	0 53	7 30	3 1	3 32	0 47	14 39	0 20	19 0	1 8	23 23	0 13	0 46	2 37	20 35	0 36	20 40	0 28	7 58	12 38	3 10	3 16	13 25	7 55	1 4					
T 26	1 16	3 5	1 49	3 55	0 28	14 21	0 15	18 51	1 9	23 23	0 13	0 48	2 37	20 35	0 36	20 40	0 28	7 58	12 38	3 10	3 15	13 23	7 58	1 4					
F 27	1 39	1n29	0 30	4 12	0 9	14 3	0 11	18 42	1 9	23 22	0 13	0 50	2 37	20 35	0 36	20 40	0 28	7 59	12 37	3 10	3 14	13 22	8 1	1 4					
S 28	2 3	5 53	0s49	4 25	0n 8	13 45	0 7	18 32	1 10	23 22	0 13	0 52	2 37	20 35	0 36	20 41	0 28	8 0	12 37	3 10	3 12	13 21	8 4	1 3					
S 29	2 26	9 51	2 4	4 33	0 24	13 27	0 3	18 23	1 11	23 22	0 13	0 54	2 37	20 35	0 36	20 41	0 28	8 0	12 36	3 10	3 11	13 19	8 7	1 3					
M30	2s49	13n11	3s 9	4n36	0n39	13n 8	0n 1	18n13	1n12	23s22	0s13	0s56	2s37	20s35	0s36	20s41	0n28	8s 1	12n36	3s10	3s10	13n18	8s10	1s10					

ASTRODIENST EPHEMERIS for the year 1996
geocentric

OCTOBER 1996

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 40 1	8♌ 5'25	27♋ 49	20♊ 31	26♏ 23	13♏ 1	8♌ 59	3°R38	0°R41	24°R59	1♌ 3	8°R 0	7♌ 56	11♏ 10	18♌ 30	T 1
W 2	0 43 58	9° 4'25	10♏ 41	21°17	27°32	13°37	9° 4	3°Y34	0♌ 40	24♌ 59	1° 5	8♌ 0	7°52	11°17	18°39	W 2
T 3	0 47 54	10° 3'27	23°13	22°11	28°41	14°13	9°10	3°29	0°40	24°59	1° 7	8° 0	7°49	11°23	18°48	T 3
F 4	0 51 51	11° 2'32	5♏ 28	23°13	29°50	14°49	9°15	3°24	0°39	24°59	1° 8	7°D59	7°46	11°30	18°56	F 4
S 5	0 55 47	12° 1'39	17°30	24°21	1♊ 0	15°24	9°21	3°20	0°39	24°59	1°10	7°59	7°43	11°37	19° 5	S 5
S 6	0 59 44	13° 0'48	29°25	25°36	2° 9	16° 0	9°27	3°15	0°39	24°59	1°12	8° 0	7°40	11°44	19°14	S 6
M 7	1 3 40	14° 0'00	11♏ 16	26°55	3°19	16°36	9°32	3°11	0°39	24°D59	1°13	8° 0	7°37	11°50	19°23	M 7
T 8	1 7 37	14°59'14	23° 8	28°20	4°29	17°11	9°39	3° 6	0°39	24°59	1°15	8° 1	7°33	11°57	19°31	T 8
W 9	1 11 34	15°58'30	5♊ 6	29°48	5°39	17°47	9°45	3° 2	0°39	24°59	1°17	8° 2	7°30	12° 4	19°40	W 9
T 10	1 15 30	16°57'48	17°12	1♌ 19	6°49	18°22	9°51	2°57	0°D39	24°59	1°19	8° 2	7°27	12°10	19°49	T 10
F 11	1 19 27	17°57'09	29°29	2°54	7°59	18°58	9°58	2°53	0°39	24°59	1°21	8° 3	7°24	12°17	19°57	F 11
S 12	1 23 23	18°56'31	12♌ 0	4°30	9°10	19°33	10° 4	2°48	0°39	24°59	1°23	8°R 3	7°21	12°24	20° 6	S 12
S 13	1 27 20	19°55'56	24°45	6° 9	10°20	20° 8	10°11	2°44	0°39	24°59	1°24	8° 3	7°18	12°30	20°15	S 13
M14	1 31 16	20°55'23	7♌ 45	7°49	11°31	20°43	10°18	2°40	0°39	24°59	1°26	8° 1	7°14	12°37	20°24	M14
T 15	1 35 13	21°54'51	20°59	9°30	12°41	21°18	10°25	2°35	0°39	25° 0	1°28	8° 0	7°11	12°44	20°32	T 15
W16	1 39 9	22°54'22	4♌ 27	11°11	13°52	21°53	10°33	2°31	0°39	25° 0	1°30	7°58	7° 8	12°51	20°41	W16
T 17	1 43 6	23°53'54	18° 7	12°54	15° 3	22°27	10°40	2°27	0°40	25° 0	1°32	7°56	7° 5	12°57	20°50	T 17
F 18	1 47 3	24°53'29	1♌ 58	14°36	16°15	23° 2	10°48	2°23	0°40	25° 1	1°34	7°54	7° 2	13° 4	20°59	F 18
S 19	1 50 59	25°53'05	15°58	16°19	17°26	23°37	10°56	2°19	0°41	25° 1	1°36	7°53	6°58	13°11	21° 7	S 19
S 20	1 54 56	26°52'42	0♌ 5	18° 2	18°37	24°11	11° 3	2°15	0°41	25° 2	1°38	7°D53	6°55	13°17	21°16	S 20
M21	1 58 52	27°52'22	14°19	19°45	19°49	24°45	11°11	2°11	0°42	25° 2	1°40	7°53	6°52	13°24	21°25	M21
T 22	2 2 49	28°52'03	28°35	21°28	21° 0	25°20	11°20	2° 7	0°42	25° 3	1°42	7°55	6°49	13°31	21°33	T 22
W23	2 6 45	29°51'46	12♌ 53	23°10	22°12	25°54	11°28	2° 3	0°43	25° 3	1°44	7°56	6°46	13°37	21°42	W23
T 24	2 10 42	0♌ 51'30	27° 8	24°52	23°23	26°28	11°36	1°59	0°44	25° 4	1°47	7°57	6°43	13°44	21°51	T 24
F 25	2 14 38	1°51'16	11°Y17	26°34	24°35	27° 2	11°45	1°55	0°44	25° 4	1°49	7°R57	6°39	13°51	21°59	F 25
S 26	2 18 35	2°51'04	25°17	28°15	25°47	27°36	11°54	1°52	0°45	25° 5	1°51	7°56	6°36	13°58	22° 8	S 26
S 27	2 22 32	3°50'54	9♌ 2	29°56	26°59	28° 9	12° 2	1°48	0°46	25° 6	1°53	7°54	6°33	14° 4	22°17	S 27
M28	2 26 28	4°50'46	22°31	1♌ 36	28°11	28°43	12°11	1°44	0°47	25° 6	1°55	7°51	6°30	14°11	22°25	M28
T 29	2 30 25	5°50'40	5♏ 14	3°16	29°24	29°17	12°20	1°41	0°48	25° 7	1°57	7°46	6°27	14°18	22°34	T 29
W30	2 34 21	6°50'37	18°32	4°55	0♌ 36	29°50	12°30	1°38	0°49	25° 8	1°59	7°41	6°23	14°24	22°42	W30
T 31	2 38 18	7♌ 50'35	1♌ 4	6♌ 34	1♌ 49	0♊ 23	12♌ 39	1°Y34	0♌ 50	25♌ 9	2♌ 2	7♌ 37	6♌ 20	14♏ 31	22♌ 51	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	3s13	15n44	4s 3	4n34	0n53	12n48	0n 5	18n 4	1n12	23s21	0s14	0s57	2s37	20s35	0s36	20s41	0n28	8s 2	12n35	3s10	3s 9	13n17	8s13	1s 2		
W 2	3 36	17 23	4 42	4 27	1 5	12 28	0 9	17 54	1 13	23 21	0 14	0 59	2 37	20 35	0 36	20 41	0 28	8 2	12 35	3 10	3 7	13 15	8 16	1 2		
T 3	3 59	18 9	5 7	4 16	1 16	12 8	0 13	17 45	1 14	23 21	0 14	1 1	2 37	20 35	0 36	20 41	0 28	8 3	12 35	3 10	3 6	13 14	8 19	1 2		
F 4	4 22	18 3	5 17	4 0	1 26	11 48	0 17	17 35	1 15	23 21	0 14	1 3	2 37	20 35	0 36	20 41	0 28	8 4	12 34	3 10	3 5	13 13	8 22	1 2		
S 5	4 45	17 7	5 13	3 41	1 34	11 27	0 21	17 25	1 15	23 20	0 14	1 5	2 37	20 36	0 36	20 41	0 28	8 5	12 34	3 10	3 4	13 11	8 25	1 1		
S 6	5 8	15 27	4 56	3 18	1 41	11 5	0 25	17 15	1 16	23 20	0 14	1 7	2 37	20 36	0 36	20 41	0 28	8 5	12 34	3 10	3 2	13 10	8 28	1 1		
M 7	5 31	13 8	4 26	2 51	1 46	10 44	0 28	17 5	1 17	23 20	0 14	1 8	2 37	20 36	0 36	20 41	0 28	8 6	12 33	3 10	3 1	13 9	8 31	1 1		
T 8	5 54	10 16	3 44	2 22	1 51	10 22	0 32	16 55	1 18	23 19	0 14	1 10	2 37	20 36	0 36	20 41	0 27	8 7	12 33	3 11	3 0	13 7	8 34	1 0		
W 9	6 17	6 58	2 53	1 50	1 54	9 59	0 35	16 45	1 19	23 19	0 14	1 12	2 37	20 36	0 36	20 41	0 27	8 7	12 32	3 11	2 59	13 6	8 37	1 0		
T 10	6 40	3 19	1 53	1 15	1 56	9 37	0 39	16 35	1 19	23 18	0 14	1 14	2 37	20 36	0 36	20 41	0 27	8 8	12 32	3 11	2 57	13 5	8 40	1 0		
F 11	7 3	0s31	0 47	0 39	1 58	9 14	0 42	16 24	1 20	23 18	0 14	1 15	2 37	20 36	0 36	20 41	0 27	8 9	12 32	3 12	2 56	13 3	8 43	0 59		
S 12	7 25	4 24	0n22	0 1	1 58	8 50	0 45	16 14	1 21	23 18	0 14	1 17	2 37	20 35	0 36	20 41	0 27	8 10	12 31	3 12	2 55	13 2	8 46	0 59		
S 13	7 48	8 10	1 31	0s38	1 58	8 27	0 49	16 4	1 22	23 17	0 14	1 19	2 37	20 35	0 36	20 41	0 27	8 10	12 31	3 11	2 54	13 1	8 49	0 59		
M14	8 10	11 37	2 37	1 19	1 57	8 3	0 52	15 53	1 22	23 17	0 14	1 20	2 37	20 35	0 36	20 41	0 27	8 11	12 31	3 11	2 52	12 59	8 52	0 58		
T 15	8 32	14 32	3 36	2 0	1 55	7 38	0 55	15 43	1 23	23 16	0 14	1 22	2 37	20 35	0 36	20 41	0 27	8 12	12 30	3 10	2 51	12 58	8 55	0 58		
W16	8 54	16 43	4 24	2 42	1 52	7 14	0 58	15 32	1 24	23 16	0 15	1 24	2 37	20 35	0 36	20 41	0 27	8 12	12 30	3 9	2 50	12 56	8 58	0 58		
T 17	9 16	17 58	4 57	3 25	1 49	6 49	1 1	15 22	1 25	23 15	0 15	1 25	2 36	20 35	0 36	20 41	0 27	8 13	12 30	3 9	2 49	12 55	9 1	0 58		
F 18	9 38	18 11	5 14	4 8	1 46	6 24	1 4	15 11	1 26	23 15	0 15	1 27	2 36	20 35	0 35	20 41	0 27	8 14	12 29	3 8	2 47	12 54	9 4	0 57		
S 19	10 0	17 19	5 13	4 51	1 42	5 59	1 6	15 0	1 26	23 14	0 15	1 28	2 36	20 35	0 35	20 41	0 27	8 14	12 29	3 8	2 46	12 52	9 7	0 57		
S 20	10 22	15 22	4 52	5 35	1 37	5 34	1 9	14 50	1 27	23 13	0 15	1 30	2 36	20 35	0 35	20 41	0 27	8 15	12 29	3 8	2 45	12 51	9 10	0 57		
M21	10 43	12 29	4 14	6 18	1 33	5 8	1 12	14 39	1 28	23 13	0 15	1 31	2 36	20 35	0 35	20 41	0 27	8 16	12 28	3 8	2 44	12 50	9 13	0 56		
T 22	11 4	8 50	3 20	7 1	1 27	4 42	1 14	14 28	1 29	23 12	0 15	1 33	2 36	20 34	0 35	20 41	0 27	8 16	12 28	3 8	2 42	12 48	9 16	0 56		
W23	11 25	4 40	2 14	7 44	1 22	4 16	1 17	14 17	1 30	23 12	0 15	1 34	2 36	20 34	0 35	20 41	0 27	8 17	12 28	3 9	2 41	12 47	9 19	0 56		
T 24	11 46	0 14	0 59	8 27	1 16	3 50	1 19	14 7	1 30	23 11	0 15	1 36	2 36	20 34	0 35	20 40	0 27	8 18	12 27	3 9	2 40	12 46	9 22	0 56		
F 25	12 7	4n11	0s18	9 9	1 11	3 23	1 21	13 56	1 31	23 10	0 15	1 37	2 36	20 34	0 35	20 40	0 27	8 18	12 27	3 9	2 39	12 44	9 25	0 55		
S 26	12 28	8 19	1 34	9 51	1 5	2 57	1 23	13 45	1 32	23 9	0 15	1 38	2 35	20 34	0 35	20 40	0 27	8 19	12 27	3 9	2 37	12 43	9 28	0 55		
S 27	12 48	11 56	2 43	10 32	0 58	2 30	1 25	13 34	1 33	23 9	0 15	1 40	2 35	20 34	0 35	20 40	0 27	8 20	12 27	3 8	2 36	12 41	9 31	0 55		
M28	13 8	14 50	3 41	11 13	0 52	2 3	1 27	13 23	1 34	23 8	0 15	1 41	2 35	20 33	0 35	20 40	0 27	8 20	12 26	3 7	2 35	12 40	9 34	0 54		
T 29	13 28	16 54	4 25	11 53	0 46	1 36	1 29	13 12	1 34	23 7	0 15	1 42	2 35	20 33	0 35	20 40	0 27	8 21	12 26	3 5	2 34	12 39	9 37	0 54		
W30	13 48	18 2	4 56	12 33	0 39	1 9	1 31	13 1	1 35	23 6	0 15	1 43	2 35	20 33	0 35	20 40	0 27	8 22	12 26	3 3	2 32	12 37	9 40	0 54		
T 31	14s 7	18n15	5s11	13s12	0n32	0n42	1n33	12n50	1n36	23s 6	0s16	1s45	2s35	20s33	0s35	20s40	0n27	8s22	12n26	3s 1	2s31	12n36	9s43	0s54		

ASTRODIENST EPHEMERIS for the year 1996

geocentric

NOVEMBER 1996

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 42 14	8♍50°35	13♌20	8♍13	3♊ 1	0♏56	12♌48	1°R31	0♏51	25♌ 9	2♊ 4	7°R33	6♊17	14♌38	22♊59	F 1
S 2	2 46 11	9°50'38	25°23	9°51	4°14	1°30	12°58	1°V28	0°52	25°10	2° 6	7♊30	6°14	14°44	23° 8	S 2
S 3	2 50 7	10°50'42	7♊18	11°28	5°26	2° 3	13° 8	1°25	0°53	25°11	2° 8	7°D29	6°11	14°51	23°16	S 3
M 4	2 54 4	11°50'49	19° 9	13° 5	6°39	2°35	13°17	1°22	0°54	25°12	2°11	7°29	6° 8	14°58	23°25	M 4
T 5	2 58 1	12°50'58	1♏ 1	14°42	7°52	3° 8	13°27	1°19	0°56	25°13	2°13	7°31	6° 4	15° 4	23°33	T 5
W 6	3 1 57	13°51'09	12°59	16°18	9° 5	3°41	13°37	1°16	0°57	25°14	2°15	7°32	6° 1	15°11	23°42	W 6
T 7	3 5 54	14°51'22	25° 8	17°54	10°18	4°13	13°48	1°13	0°58	25°15	2°17	7°34	5°58	15°18	23°50	T 7
F 8	3 9 50	15°51'36	7♊32	19°30	11°31	4°45	13°58	1°11	1° 0	25°16	2°20	7°R35	5°55	15°25	23°59	F 8
S 9	3 13 47	16°51'53	20°14	21° 5	12°44	5°18	14° 8	1° 8	1° 1	25°17	2°22	7°34	5°52	15°31	24° 7	S 9
S 10	3 17 43	17°52'12	3♍16	22°40	13°58	5°50	14°19	1° 6	1° 3	25°18	2°24	7°31	5°49	15°38	24°15	S 10
M 11	3 21 40	18°52'32	16°39	24°14	15°11	6°22	14°29	1° 3	1° 4	25°19	2°27	7°26	5°45	15°45	24°23	M 11
T 12	3 25 36	19°52'55	0♊19	25°48	16°24	6°53	14°40	1° 1	1° 6	25°21	2°29	7°20	5°42	15°51	24°32	T 12
W 13	3 29 33	20°53'19	14°16	27°22	17°38	7°25	14°51	0°59	1° 8	25°22	2°31	7°13	5°39	15°58	24°40	W 13
T 14	3 33 30	21°53'44	28°23	28°55	18°51	7°57	15° 1	0°57	1° 9	25°23	2°34	7° 5	5°36	16° 5	24°48	T 14
F 15	3 37 26	22°54'11	12♌37	0♊29	20° 5	8°28	15°12	0°55	1°11	25°24	2°36	6°59	5°33	16°11	24°56	F 15
S 16	3 41 23	23°54'40	26°53	2° 2	21°18	8°59	15°24	0°53	1°13	25°26	2°38	6°54	5°29	16°18	25° 4	S 16
S 17	3 45 19	24°55'09	11♏ 8	3°34	22°32	9°30	15°35	0°51	1°15	25°27	2°41	6°51	5°26	16°25	25°12	S 17
M 18	3 49 16	25°55'40	25°18	5° 7	23°46	10° 1	15°46	0°49	1°17	25°28	2°43	6°D50	5°23	16°31	25°20	M 18
T 19	3 53 12	26°56'12	9♏22	6°39	25° 0	10°32	15°57	0°48	1°19	25°30	2°45	6°50	5°20	16°38	25°28	T 19
W 20	3 57 9	27°56'45	23°19	8°11	26°13	11° 2	16° 9	0°46	1°21	25°31	2°48	6°52	5°17	16°45	25°36	W 20
T 21	4 1 5	28°57'20	7♏ 9	9°43	27°27	11°33	16°20	0°45	1°23	25°32	2°50	6°R52	5°14	16°51	25°44	T 21
F 22	4 5 2	29°57'55	20°51	11°15	28°41	12° 3	16°32	0°44	1°25	25°34	2°53	6°51	5°10	16°58	25°52	F 22
S 23	4 8 58	0♊58°32	4♌23	12°46	29°55	12°33	16°44	0°42	1°27	25°35	2°55	6°48	5° 7	17° 5	26° 0	S 23
S 24	4 12 55	1°59'10	17°45	14°17	1♍ 9	13° 3	16°55	0°41	1°29	25°37	2°57	6°42	5° 4	17°12	26° 7	S 24
M 25	4 16 52	2°59'50	0♏55	15°48	2°23	13°33	17° 7	0°40	1°31	25°38	3° 0	6°34	5° 1	17°18	26°15	M 25
T 26	4 20 48	4° 0'31	13°51	17°18	3°37	14° 2	17°19	0°40	1°33	25°40	3° 2	6°24	4°58	17°25	26°23	T 26
W 27	4 24 45	5° 1'13	26°32	18°49	4°52	14°32	17°31	0°39	1°36	25°42	3° 4	6°12	4°55	17°32	26°30	W 27
T 28	4 28 41	6° 1'57	8♌59	20°19	6° 6	15° 1	17°43	0°38	1°38	25°43	3° 7	6° 1	4°51	17°38	26°38	T 28
F 29	4 32 38	7° 2'42	21°13	21°48	7°20	15°30	17°55	0°38	1°40	25°45	3° 9	5°51	4°48	17°45	26°45	F 29
S 30	4 36 34	8♊ 3'29	3♌15	23♊18	8♍34	15♏59	18♌ 8	0°V37	1♏43	25♌46	3♊12	5♊43	4♊45	17♌52	26♊53	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	14s27	17n37	5s11	13s50	0n26	0n15	1n34	12n39	1n37	23s 5	0s16	1s46	2s35	20s32	0s35	F 1
S 2	14 46	16 11	4 58	14 28	0 19	0s13	1 36	12 28	1 38	23 4	0 16	1 47	2 34	20 32	0 35	S 2
S 3	15 5	14 4	4 32	15 5	0 12	0 40	1 37	12 17	1 39	23 3	0 16	1 48	2 34	20 32	0 35	S 3
M 4	15 23	11 22	3 54	15 41	0 6	1 8	1 39	12 6	1 39	23 2	0 16	1 49	2 34	20 31	0 35	M 4
T 5	15 42	8 12	3 6	16 16	0s 1	1 35	1 40	11 55	1 40	23 1	0 16	1 50	2 34	20 31	0 35	T 5
W 6	16 0	4 41	2 10	16 50	0 8	2 3	1 41	11 44	1 41	23 0	0 16	1 51	2 34	20 31	0 35	W 6
T 7	16 18	0 54	1 7	17 24	0 15	2 31	1 42	11 33	1 42	22 59	0 16	1 52	2 34	20 31	0 35	T 7
F 8	16 35	3s 0	0 0	17 57	0 21	2 58	1 43	11 22	1 43	22 58	0 16	1 53	2 33	20 30	0 35	F 8
S 9	16 52	6 51	1n 8	18 28	0 28	3 26	1 44	11 11	1 44	22 57	0 16	1 54	2 33	20 30	0 35	S 9
S 10	17 9	10 29	2 15	18 59	0 34	3 53	1 45	11 0	1 45	22 56	0 16	1 54	2 33	20 29	0 35	S 10
M 11	17 26	13 41	3 16	19 29	0 41	4 21	1 46	10 49	1 45	22 55	0 16	1 55	2 33	20 29	0 35	M 11
T 12	17 42	16 12	4 7	19 58	0 47	4 49	1 47	10 38	1 46	22 54	0 16	1 56	2 33	20 29	0 35	T 12
W 13	17 59	17 48	4 44	20 26	0 53	5 16	1 47	10 27	1 47	22 53	0 16	1 57	2 33	20 28	0 35	W 13
T 14	18 14	18 21	5 5	20 53	1 0	5 43	1 48	10 16	1 48	22 52	0 16	1 57	2 32	20 28	0 35	T 14
F 15	18 30	17 45	5 7	21 19	1 6	6 11	1 48	10 5	1 49	22 51	0 17	1 58	2 32	20 28	0 35	F 15
S 16	18 45	16 2	4 50	21 44	1 12	6 38	1 48	9 54	1 50	22 49	0 17	1 58	2 32	20 27	0 35	S 16
S 17	19 0	13 20	4 15	22 8	1 17	7 5	1 49	9 43	1 51	22 48	0 17	1 59	2 32	20 27	0 35	S 17
M 18	19 14	9 52	3 25	22 31	1 23	7 32	1 49	9 32	1 52	22 47	0 17	1 59	2 32	20 26	0 35	M 18
T 19	19 28	5 51	2 23	22 52	1 28	7 59	1 49	9 21	1 53	22 46	0 17	2 0	2 31	20 26	0 35	T 19
W 20	19 42	1 33	1 12	23 13	1 34	8 26	1 49	9 11	1 54	22 44	0 17	2 0	2 31	20 25	0 35	W 20
T 21	19 55	2n49	0s 2	23 32	1 39	8 53	1 49	9 0	1 54	22 43	0 17	2 1	2 31	20 25	0 35	T 21
F 22	20 8	6 59	1 14	23 50	1 44	9 19	1 48	8 49	1 55	22 42	0 17	2 1	2 31	20 24	0 35	F 22
S 23	20 21	10 45	2 22	24 7	1 48	9 45	1 48	8 38	1 56	22 40	0 17	2 1	2 30	20 24	0 35	S 23
S 24	20 33	13 54	3 21	24 23	1 53	10 11	1 48	8 28	1 57	22 39	0 17	2 1	2 30	20 23	0 35	S 24
M 25	20 45	16 18	4 8	24 37	1 57	10 37	1 47	8 17	1 58	22 38	0 17	2 2	2 30	20 23	0 35	M 25
T 26	20 57	17 48	4 41	24 50	2 1	11 3	1 47	8 7	1 59	22 36	0 17	2 2	2 30	20 22	0 35	T 26
W 27	21 8	18 24	5 0	25 2	2 5	11 28	1 46	7 56	2 0	22 35	0 17	2 2	2 30	20 22	0 35	W 27
T 28	21 19	18 5	5 4	25 13	2 8	11 53	1 46	7 46	2 1	22 33	0 17	2 2	2 29	20 21	0 35	T 28
F 29	21 29	16 56	4 53	25 22	2 11	12 18	1 45	7 35	2 2	22 32	0 17	2 2	2 29	20 21	0 35	F 29
S 30	21s39	15n 3	4s30	25s30	2s14	12s43	1n44	7n25	2n 3	22s30	0s18	2s 2	2s29	20s20	0s35	S 30

Julian Day Number = 2450388.5, Delta T = 62.19 sec

Ecliptic obliquity = 23°26'14, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°41'46, Lahiri = 23°48'46

ASTRODIENST EPHEMERIS for the year 1996
geocentric

DECEMBER 1996

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 31	9♂ 4'17	15♂ 8	24♂ 47	9♂ 49	16♂ 28	18♂ 20	0°R37	1♂ 45	25♂ 48	3♂ 14	5°R38	4♂ 42	17♂ 58	27♂ 0	S 1
M 2	4 44 28	10° 5'06	26°58	26°15	11° 3	16°56	18°32	0°Y37	1°48	25°50	3°16	5♂ 35	4°39	18° 5	27° 7	M 2
T 3	4 48 24	11° 5'57	8♂ 48	27°43	12°17	17°24	18°45	0°37	1°50	25°52	3°19	5°D34	4°35	18°12	27°15	T 3
W 4	4 52 21	12° 6'49	20°44	29°10	13°32	17°52	18°57	0°D37	1°53	25°53	3°21	5°34	4°32	18°18	27°22	W 4
T 5	4 56 17	13° 7'43	2♂ 51	0♂ 37	14°46	18°20	19°10	0°37	1°55	25°55	3°23	5°R34	4°29	18°25	27°29	T 5
F 6	5 0 14	14° 8'38	15°16	2° 2	16° 1	18°48	19°23	0°37	1°58	25°57	3°26	5°34	4°26	18°32	27°36	F 6
S 7	5 4 10	15° 9'34	28° 2	3°27	17°16	19°15	19°35	0°37	2° 1	25°59	3°28	5°32	4°23	18°38	27°43	S 7
S 8	5 8 7	16°10'31	11♂ 12	4°50	18°30	19°42	19°48	0°38	2° 3	26° 0	3°30	5°27	4°20	18°45	27°50	S 8
M 9	5 12 3	17°11'30	24°48	6°12	19°45	20° 9	20° 1	0°38	2° 6	26° 2	3°33	5°19	4°16	18°52	27°57	M 9
T 10	5 16 0	18°12'30	8♂ 49	7°32	20°59	20°36	20°14	0°39	2° 9	26° 4	3°35	5° 9	4°13	18°59	28° 3	T 10
W 11	5 19 57	19°13'30	23°11	8°51	22°14	21° 3	20°27	0°40	2°11	26° 6	3°37	4°58	4°10	19° 5	28°10	W 11
T 12	5 23 53	20°14'32	7♂ 47	10° 7	23°29	21°29	20°40	0°40	2°14	26° 8	3°40	4°46	4° 7	19°12	28°17	T 12
F 13	5 27 50	21°15'34	22°30	11°21	24°44	21°55	20°53	0°41	2°17	26°10	3°42	4°35	4° 4	19°19	28°23	F 13
S 14	5 31 46	22°16'37	7♂ 12	12°31	25°58	22°21	21° 6	0°43	2°20	26°12	3°44	4°27	4° 1	19°25	28°30	S 14
S 15	5 35 43	23°17'40	21°46	13°38	27°13	22°46	21°19	0°44	2°23	26°14	3°47	4°21	3°57	19°32	28°36	S 15
M 16	5 39 39	24°18'44	6♂ 7	14°42	28°28	23°11	21°33	0°45	2°26	26°16	3°49	4°18	3°54	19°39	28°43	M 16
T 17	5 43 36	25°19'48	20°13	15°40	29°43	23°36	21°46	0°46	2°29	26°18	3°51	4°17	3°51	19°45	28°49	T 17
W 18	5 47 32	26°20'52	4♂ 3	16°33	0♂ 57	24° 1	21°59	0°48	2°32	26°20	3°53	4°17	3°48	19°52	28°55	W 18
T 19	5 51 29	27°21'57	17°39	17°20	2°12	24°25	22°13	0°50	2°35	26°22	3°56	4°16	3°45	19°59	29° 1	T 19
F 20	5 55 26	28°23'02	1♂ 1	18° 0	3°27	24°49	22°26	0°51	2°38	26°24	3°58	4°14	3°41	20° 5	29° 7	F 20
S 21	5 59 22	29°24'07	14°11	18°32	4°42	25°13	22°40	0°53	2°41	26°26	4° 0	4° 9	3°38	20°12	29°13	S 21
S 22	6 3 19	0♂ 25'12	27°10	18°56	5°57	25°37	22°53	0°55	2°44	26°28	4° 2	4° 1	3°35	20°19	29°19	S 22
M 23	6 7 15	1°26'18	9♂ 18	19°10	7°12	26° 0	23° 7	0°57	2°47	26°30	4° 4	3°50	3°32	20°25	29°25	M 23
T 24	6 11 12	2°27'25	22°36	19°R13	8°27	26°23	23°20	0°59	2°50	26°32	4° 6	3°37	3°29	20°32	29°30	T 24
W 25	6 15 8	3°28'31	5♂ 3	19° 6	9°42	26°45	23°34	1° 2	2°53	26°35	4° 9	3°23	3°26	20°39	29°36	W 25
T 26	6 19 5	4°29'38	17°19	18°46	10°57	27° 8	23°48	1° 4	2°57	26°37	4°11	3° 8	3°22	20°45	29°42	T 26
F 27	6 23 1	5°30'45	29°26	18°15	12°12	27°30	24° 1	1° 6	3° 0	26°39	4°13	2°55	3°19	20°52	29°47	F 27
S 28	6 26 58	6°31'53	11♂ 23	17°33	13°27	27°51	24°15	1° 9	3° 3	26°41	4°15	2°44	3°16	20°59	29°52	S 28
S 29	6 30 55	7°33'01	23°14	16°39	14°42	28°13	24°29	1°12	3° 6	26°43	4°17	2°35	3°13	21° 6	29°58	S 29
M 30	6 34 51	8°34'10	5♂ 2	15°35	15°57	28°33	24°42	1°14	3°10	26°45	4°19	2°30	3°10	21°12	0♂ 3	M 30
T 31	6 38 48	9♂ 35'18	16♂ 51	14♂ 24	17♂ 12	28♂ 54	24♂ 56	1°Y17	3♂ 13	26♂ 48	4♂ 21	2♂ 27	3♂ 7	21♂ 19	0♂ 8	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	21s49	12n33	3s55 25s36	2s16 13s 7	1n43 7n15	2n 4 22s28	0s18 2s 2	2s29 20s20	0s35 20s33	0n26 8s40	12n21	2s14 1s52	11n52	11s 7	0s46	
M 2	21 58	9 32	3 11 25 41	2 18 13 31	1 42 7 5	2 5 22 27	0 18 2 2	2 28 20 19	0 34 20 33	0 26 8 40	12 21	2 13 1 51	11 51	11 9	0 45	
T 3	22 6	6 9	2 18 25 45	2 20 13 55	1 41 6 55	2 6 22 25	0 18 2 1	2 28 20 19	0 34 20 33	0 26 8 41	12 21	2 13 1 49	11 49	11 11	0 45	
W 4	22 15	2 28	1 18 25 47	2 21 14 18	1 40 6 45	2 7 22 23	0 18 2 1	2 28 20 18	0 34 20 32	0 26 8 41	12 21	2 13 1 48	11 48	11 14	0 45	
T 5	22 22	1s21	0 14 25 48	2 22 14 42	1 39 6 35	2 8 22 22	0 18 2 1	2 28 20 17	0 34 20 32	0 26 8 41	12 21	2 13 1 47	11 46	11 16	0 45	
F 6	22 30	5 13	0n51 25 47	2 22 15 4	1 38 6 25	2 9 22 20	0 18 2 1	2 28 20 17	0 34 20 32	0 26 8 42	12 21	2 13 1 46	11 45	11 18	0 44	
S 7	22 37	8 58	1 56 25 45	2 21 15 27	1 36 6 15	2 10 22 18	0 18 2 0	2 27 20 16	0 34 20 31	0 26 8 42	12 21	2 12 1 44	11 44	11 21	0 44	
S 8	22 43	12 23	2 57 25 41	2 21 15 49	1 35 6 5	2 11 22 16	0 18 2 0	2 27 20 16	0 34 20 31	0 26 8 43	12 21	2 10 1 43	11 42	11 23	0 44	
M 9	22 49	15 15	3 50 25 36	2 19 16 10	1 34 5 56	2 12 22 15	0 18 2 0	2 27 20 15	0 34 20 31	0 26 8 43	12 21	2 7 1 42	11 41	11 25	0 44	
T 10	22 55	17 19	4 30 25 30	2 17 16 31	1 32 5 46	2 13 22 13	0 18 1 59	2 27 20 14	0 34 20 30	0 26 8 43	12 21	2 3 1 41	11 39	11 27	0 43	
W 11	23 0	18 21	4 55 25 22	2 14 16 52	1 31 5 37	2 14 22 11	0 18 1 59	2 26 20 14	0 34 20 30	0 26 8 44	12 21	1 58 1 39	11 38	11 30	0 43	
T 12	23 5	18 12	5 1 25 13	2 10 17 12	1 29 5 27	2 15 22 9	0 18 1 58	2 26 20 13	0 34 20 30	0 26 8 44	12 21	1 54 1 38	11 36	11 32	0 43	
F 13	23 9	16 51	4 47 25 3	2 6 17 32	1 27 5 18	2 17 22 7	0 18 1 57	2 26 20 12	0 34 20 29	0 26 8 44	12 21	1 49 1 37	11 35	11 34	0 43	
S 14	23 13	14 22	4 14 24 51	2 1 17 52	1 26 5 9	2 18 22 5	0 19 1 57	2 26 20 12	0 34 20 29	0 26 8 45	12 21	1 46 1 36	11 33	11 36	0 42	
S 15	23 16	11 1	3 25 24 38	1 55 18 11	1 24 5 0	2 19 22 3	0 19 1 56	2 25 20 11	0 34 20 29	0 26 8 45	12 21	1 44 1 34	11 32	11 38	0 42	
M 16	23 19	7 3	2 23 24 24	1 47 18 29	1 22 4 51	2 20 22 1	0 19 1 55	2 25 20 10	0 34 20 28	0 26 8 45	12 22	1 42 1 33	11 30	11 40	0 42	
T 17	23 21	2 45	1 14 24 10	1 39 18 47	1 20 4 42	2 21 22 9	0 19 1 54	2 25 20 10	0 34 20 28	0 26 8 46	12 22	1 42 1 32	11 29	11 42	0 42	
W 18	23 23	1n38	0 1 23 54	1 30 19 5	1 18 4 33	2 22 21 57	0 19 1 54	2 25 20 9	0 34 20 28	0 26 8 46	12 22	1 42 1 31	11 28	11 44	0 41	
T 19	23 25	5 51	1s10 23 38	1 19 19 21	1 16 4 24	2 23 21 55	0 19 1 53	2 24 20 8	0 34 20 27	0 26 8 46	12 22	1 42 1 29	11 26	11 46	0 41	
F 20	23 26	9 42	2 16 23 21	1 8 19 38	1 14 4 16	2 24 21 53	0 19 1 52	2 24 20 8	0 34 20 27	0 26 8 47	12 22	1 41 1 28	11 25	11 48	0 41	
S 21	23 26	13 0	3 14 23 4	0 55 19 54	1 12 4 7	2 25 21 51	0 19 1 51	2 24 20 7	0 34 20 27	0 26 8 47	12 22	1 39 1 27	11 23	11 50	0 41	
S 22	23 26	15 37	4 1 22 46	0 41 20 9	1 10 3 59	2 27 21 49	0 19 1 50	2 24 20 6	0 34 20 26	0 26 8 47	12 22	1 36 1 26	11 22	11 51	0 40	
M 23	23 26	17 25	4 34 22 29	0 25 20 24	1 8 3 51	2 28 21 46	0 19 1 49	2 24 20 5	0 34 20 26	0 26 8 48	12 22	1 32 1 24	11 20	11 53	0 40	
T 24	23 25	18 20	4 54 22 12	0 9 20 38	1 6 3 43	2 29 21 44	0 19 1 48	2 23 20 5	0 34 20 25	0 26 8 48	12 22	1 26 1 23	11 19	11 55	0 40	
W 25	23 23	18 21	4 59 21 56	0n 9 20 52	1 3 3 35	2 30 21 42	0 19 1 47	2 23 20 4	0 34 20 25	0 26 8 48	12 22	1 21 1 22	11 17	11 57	0 40	
T 26	23 22	17 31	4 51 21 40	0 27 21 5	1 1 3 27	2 31 21 40	0 19 1 46	2 23 20 3	0 34 20 25	0 26 8 48	12 23	1 15 1 20	11 16	11 59	0 39	
F 27	23 19	15 53	4 29 21 25	0 47 21 17	0 59 3 20	2 32 21 37	0 19 1 44	2 23 20 2	0 34 20 24	0 26 8 49	12 23	1 9 1 19	11 14	12 0	0 39	
S 28	23 17	13 36	3 55 21 11	1 6 21 29	0 56 3 12	2 34 21 35	0 20 1 43	2 22 20 2	0 34 20 24	0 26 8 49	12 23	1 5 1 18	11 13	12 2	0 39	
S 29	23 13	10 45	3 11 20 59	1 26 21 40	0 54 3 5	2 35 21 33	0 20 1 42	2 22 20 1	0 34 20 23	0 26 8 49	12 23	1 2 1 17	11 11	12 3	0 39	
M 30	23 10	7 30	2 20 20 47	1 45 21 50	0 52 2 58	2 36 21 30	0 20 1 41	2 22 20 0	0 34 20 23	0 26 8 49	12 23	1 0 1 15	11 10	12 5	0 38	
T 31	23s 5	3n56	1s22 20s37	2n 4 22s 0	0n49 2n51	2n37 21s28	0s20 1s39	2s22 19s59	0s34 20s23	0n26 8s49	12n23	0s58 1s14	11n 8	12s 7	0s38	

Julian Day Number = 2450418.5, Delta T = 62.24 sec
Ecliptic obliquity = 23°26'13", Nutation = 0°00'01", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°41'50", Lahiri = 23°48'50"