



Astrodienst Ephemeris Tables for the year 1995

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 1995

geocentric

JANUARY 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 43	10°52'24"	3°46'46"	20°26'51"	23°11'51"	2°39'39"	4°44'44"	7°59'59"	25°28'28"	22°33'33"	29°31'31"	13°17'17"	11°46'46"	29°49'49"	26°21'21"	S 1
M 2	6 44 39	11° 6'35"	18°38'38"	22° 3'24"	24°47'47"	2°40'40"	4°56'56"	8° 4'8"	25°32'32"	22°36'36"	29°33'33"	13°18'18"	11°43'43"	29°55'55"	26°22'22"	M 2
T 3	6 48 36	12° 7'46"	3°44'44"	23°40'40"	25°42'42"	2°40'40"	5° 8'8"	8°10'10"	25°35'35"	22°39'39"	29°35'35"	12°58'58"	11°40'40"	0°11'11"	26°23'23"	T 3
W 4	6 52 33	13° 8'57"	17°27'27"	25°17'17"	26°39'39"	2°40'40"	5°20'20"	8°15'15"	25°39'39"	22°41'41"	29°37'37"	12°49'49"	11°37'37"	0° 9'9"	26°24'24"	W 4
T 5	6 56 29	14°10'07"	1°14'14"	26°54'54"	27°35'35"	2°38'38"	5°32'32"	8°20'20"	25°42'42"	22°43'43"	29°39'39"	12°40'40"	11°33'33"	0°15'15"	26°25'25"	T 5
F 6	7 0 26	15°11'18"	14°33'33"	28°31'31"	28°33'33"	2°36'36"	5°43'43"	8°25'25"	25°46'46"	22°45'45"	29°41'41"	12°33'33"	11°30'30"	0°22'22"	26°25'25"	F 6
S 7	7 4 22	16°12'28"	27°24'24"	0°47'47"	29°31'31"	2°34'34"	5°55'55"	8°31'31"	25°49'49"	22°48'48"	29°43'43"	12°29'29"	11°27'27"	0°29'29"	26°26'26"	S 7
S 8	7 8 19	17°13'37"	9°52'52"	1°42'42"	0°47'47"	2°30'30"	6° 7'7"	8°36'36"	25°53'53"	22°50'50"	29°44'44"	12°27'27"	11°24'24"	0°35'35"	26°26'26"	S 8
M 9	7 12 15	18°14'47"	22° 2'22"	3°17'17"	1°28'28"	2°26'26"	6°18'18"	8°42'42"	25°56'56"	22°52'52"	29°46'46"	12°27'27"	11°21'21"	0°42'42"	26°26'26"	M 9
T 10	7 16 12	19°15'55"	3°59'59"	4°51'51"	2°27'27"	2°20'20"	6°30'30"	8°47'47"	26° 0'0"	22°54'54"	29°48'48"	12°28'28"	11°17'17"	0°48'48"	26°27'27"	T 10
W 11	7 20 8	20°17'04"	15°47'47"	6°23'23"	3°27'27"	2°14'14"	6°41'41"	8°53'53"	26° 3'3"	22°57'57"	29°50'50"	12°28'28"	11°14'14"	0°55'55"	26°27'27"	W 11
T 12	7 24 5	21°18'11"	27°34'34"	7°54'54"	4°27'27"	2° 7'7"	6°52'52"	8°59'59"	26° 7'7"	22°59'59"	29°51'51"	12°27'27"	11°11'11"	1° 2'2"	26°26'26"	T 12
F 13	7 28 2	22°19'19"	9°23'23"	9°23'23"	5°28'28"	2° 0'0"	7° 4'4"	9° 4'4"	26°10'10"	23° 1'1"	29°53'53"	12°23'23"	11° 8'8"	1° 8'8"	26°26'26"	F 13
S 14	7 31 58	23°20'25"	21°18'18"	10°50'50"	6°29'29"	1°51'51"	7°15'15"	9°10'10"	26°14'14"	23° 3'3"	29°55'55"	12°17'17"	11° 5'5"	1°15'15"	26°26'26"	S 14
S 15	7 35 55	24°21'32"	3°22'22"	12°14'14"	7°30'30"	1°42'42"	7°26'26"	9°16'16"	26°17'17"	23° 6'6"	29°56'56"	12° 8'8"	11° 2'2"	1°22'22"	26°25'25"	S 15
M 16	7 39 51	25°22'37"	15°38'38"	13°34'34"	8°32'32"	1°32'32"	7°37'37"	9°22'22"	26°21'21"	23° 8'8"	29°58'58"	11°56'56"	10°58'58"	1°28'28"	26°25'25"	M 16
T 17	7 43 48	26°23'42"	28° 6'6"	14°51'51"	9°34'34"	1°21'21"	7°48'48"	9°28'28"	26°25'25"	23°10'10"	29°59'59"	11°43'43"	10°55'55"	1°35'35"	26°24'24"	T 17
W 18	7 47 44	27°24'47"	10°47'47"	16° 3'3"	10°37'37"	1°10'10"	7°58'58"	9°34'34"	26°28'28"	23°13'13"	0°47'47"	11°29'29"	10°52'52"	1°42'42"	26°23'23"	W 18
T 19	7 51 41	28°25'51"	23°40'40"	17° 9'9"	11°40'40"	0°57'57"	8° 9'9"	9°40'40"	26°32'32"	23°15'15"	0° 2'2"	11°16'16"	10°49'49"	1°48'48"	26°22'22"	T 19
F 20	7 55 37	29°26'55"	6°45'45"	18° 9'9"	12°43'43"	0°44'44"	8°20'20"	9°46'46"	26°35'35"	23°17'17"	0° 4'4"	11° 5'5"	10°46'46"	1°55'55"	26°21'21"	F 20
S 21	7 59 34	0°27'58"	20° 0'0"	19° 3'3"	13°46'46"	0°30'30"	8°30'30"	9°52'52"	26°39'39"	23°19'19"	0° 5'5"	10°57'57"	10°43'43"	2° 2'2"	26°20'20"	S 21
S 22	8 3 31	1°29'00"	3°26'26"	19°48'48"	14°50'50"	0°15'15"	8°41'41"	9°59'59"	26°42'42"	23°22'22"	0° 7'7"	10°52'52"	10°39'39"	2° 8'8"	26°19'19"	S 22
M 23	8 7 27	2°30'03"	17° 3'3"	20°25'25"	15°54'54"	29°59'59"	8°51'51"	10° 5'5"	26°46'46"	23°24'24"	0° 8'8"	10°49'49"	10°36'36"	2°15'15"	26°17'17"	M 23
T 24	8 11 24	3°31'05"	0°11'11"	20°53'53"	16°59'59"	29°44'44"	9° 1'1"	10°11'11"	26°49'49"	23°26'26"	0° 9'9"	10°49'49"	10°33'33"	2°22'22"	26°16'16"	T 24
W 25	8 15 20	4°32'06"	14°51'51"	21°10'10"	18° 3'3"	29°27'27"	9°12'12"	10°18'18"	26°53'53"	23°28'28"	0°11'11"	10°49'49"	10°30'30"	2°28'28"	26°14'14"	W 25
T 26	8 19 17	5°33'07"	29° 3'3"	21°16'16"	19° 8'8"	29° 9'9"	9°22'22"	10°24'24"	26°56'56"	23°31'31"	0°12'12"	10°48'48"	10°27'27"	2°35'35"	26°12'12"	T 26
F 27	8 23 13	6°34'08"	13°25'25"	21°11'11"	20°14'14"	28°51'51"	9°32'32"	10°31'31"	27° 0'0"	23°33'33"	0°13'13"	10°45'45"	10°23'23"	2°42'42"	26°11'11"	F 27
S 28	8 27 10	7°35'08"	27°55'55"	20°54'54"	21°19'19"	28°32'32"	9°42'42"	10°37'37"	27° 3'3"	23°35'35"	0°15'15"	10°40'40"	10°20'20"	2°48'48"	26° 9'9"	S 28
S 29	8 31 7	8°36'07"	12°38'38"	20°26'26"	22°25'25"	28°13'13"	9°51'51"	10°44'44"	27° 7'7"	23°37'37"	0°16'16"	10°31'31"	10°17'17"	2°55'55"	26° 7'7"	S 29
M 30	8 35 3	9°37'06"	26°28'28"	19°48'48"	23°31'31"	27°53'53"	10° 1'1"	10°51'51"	27°10'10"	23°40'40"	0°17'17"	10°20'20"	10°14'14"	3° 2'2"	26° 4'4"	M 30
T 31	8 39 0	10°38'03"	11°38'38"	18°59'59"	24°37'37"	27°53'53"	10°11'11"	10°57'57"	27°14'14"	23°42'42"	0°18'18"	10°18'18"	10°11'11"	3°11'11"	26°22'22"	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23 s 3	19 s 27	3 n 56	24 s 1	2 s 10	15 s 14	3 n 37	13 n 46	3 n 28	20 s 20	0 n 46	10 s 14	1 s 48	21 s 32	0 s 30	21 s 0
M 2	22 58	17 33	4 38	23 46	2 10	15 26	3 38	13 47	3 30	20 22	0 46	10 12	1 48	21 31	0 30	21 0
T 3	22 53	14 33	5 0	23 29	2 9	15 39	3 38	13 49	3 32	20 24	0 46	10 10	1 48	21 31	0 30	21 0
W 4	22 47	10 46	5 4	23 10	2 8	15 51	3 39	13 52	3 35	20 26	0 46	10 8	1 47	21 30	0 30	20 59
T 5	22 41	6 32	4 49	22 50	2 6	16 4	3 39	13 54	3 37	20 29	0 46	10 6	1 47	21 29	0 30	20 59
F 6	22 34	2 6	4 19	22 28	2 3	16 16	3 39	13 57	3 39	20 31	0 46	10 4	1 47	21 29	0 30	20 59
S 7	22 27	2 n 17	3 37	22 5	2 0	16 29	3 39	14 0	3 41	20 33	0 46	10 2	1 47	21 28	0 30	20 58
S 8	22 20	6 26	2 45	21 40	1 57	16 41	3 38	14 4	3 44	20 35	0 46	10 0	1 47	21 27	0 30	20 58
M 9	22 12	10 14	1 47	21 15	1 52	16 54	3 38	14 7	3 46	20 37	0 46	9 58	1 47	21 27	0 30	20 57
T 10	22 3	13 33	0 45	20 47	1 47	17 6	3 37	14 11	3 48	20 39	0 46	9 56	1 47	21 26	0 30	20 57
W 11	21 54	16 17	0 s 18	20 19	1 42	17 18	3 36	14 16	3 50	20 40	0 46	9 53	1 47	21 25	0 30	20 57
T 12	21 45	18 19	1 20	19 49	1 35	17 30	3 35	14 20	3 53	20 42	0 46	9 51	1 47	21 25	0 30	20 56
F 13	21 35	19 35	2 18	19 19	1 28	17 42	3 34	14 25	3 55	20 44	0 46	9 49	1 47	21 24	0 30	20 56
S 14	21 25	19 59	3 11	18 47	1 20	17 53	3 33	14 30	3 57	20 46	0 46	9 47	1 47	21 23	0 30	20 56
S 15	21 15	19 28	3 56	18 15	1 10	18 5	3 32	14 35	3 59	20 48	0 46	9 44	1 47	21 23	0 30	20 55
M 16	21 4	18 3	4 30	17 43	1 0	18 16	3 30	14 41	4 1	20 50	0 46	9 42	1 46	21 22	0 30	20 55
T 17	20 52	15 46	4 53	17 10	0 50	18 27	3 28	14 47	4 3	20 51	0 46	9 40	1 46	21 21	0 30	20 54
W 18	20 41	12 42	5 1	16 38	0 38	18 38	3 27	14 53	4 5	20 53	0 46	9 37	1 46	21 21	0 30	20 54
T 19	20 28	9 0	4 54	16 5	0 25	18 48	3 25	14 59	4 7	20 55	0 46	9 35	1 46	21 20	0 30	20 54
F 20	20 16	4 49	4 32	15 34	0 11	18 58	3 23	15 6	4 9	20 56	0 46	9 33	1 46	21 19	0 30	20 53
S 21	20 3	0 22	3 55	15 3	0 n 4	19 8	3 20	15 12	4 11	20 58	0 46	9 30	1 46	21 19	0 30	20 53
S 22	19 50	4 s 11	3 4	14 34	0 19	19 18	3 18	15 19	4 13	21 0	0 46	9 28	1 46	21 18	0 30	20 53
M 23	19 36	8 35	2 2	14 7	0 36	19 27	3 16	15 26	4 15	21 1	0 46	9 25	1 46	21 17	0 30	20 52
T 24	19 22	12 35	0 53	13 42	0 53	19 36	3 13	15 34	4 16	21 3	0 46	9 23	1 46	21 17	0 30	20 52
W 25	19 8	15 57	0 n 21	13 20	1 10	19 44	3 11	15 41	4 18	21 4	0 46	9 20	1 46	21 16	0 30	20 51
T 26	18 53	18 24	1 35	13 1	1 28	19 52	3 8	15 49	4 20	21 6	0 46	9 18	1 46	21 15	0 30	20 51
F 27	18 38	19 43	2 43	12 46	1 46	20 0	3 5	15 57	4 21	21 7	0 46	9 15	1 46	21 15	0 30	20 51
S 28	18 22	19 44	3 42	12 34	2 4	20 7	3 2	16 5	4 23	21 9	0 46	9 13	1 46	21 14	0 30	20 50
S 29	18 7	18 27	4 26	12 27	2 21	20 14	3 0	16 13	4 24	21 10	0 46	9 10	1 46	21 13	0 30	20 50
M 30	17 51	15 59	4 52	12 24	2 37	20 20	2 56	16 21	4 25	21 11	0 46	9 8	1 46	21 13	0 30	20 50
T 31	17 s 34	12 s 34	5 n 0	12 s 24	2 n 52	20 s 26	2 n 53	16 n 30	4 n 26	21 s 13	0 n 46	9 s 5	1 s 46	21 s 12	0 s 30	20 s 49

Julian Day Number = 2449718.5, Delta T = 60.79 sec
 Ecliptic obliquity = 23°26'16", Nutation = 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°40'14", Lahiri = 23°47'14"

ASTRODIENST EPHEMERIS for the year 1995

geocentric

FEBRUARY 1995

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 56	11 ³⁹ 00	25 ²¹	18°R 2	25 ⁴³	27°R11	10 ²⁰	11 ⁴	27 ¹⁷	23 ⁴⁴	0 ¹⁹	9°R54	10 ⁸	3 ¹⁵	26°R 0	W 1
T 2	8 46 53	12°39'55	9 ²	16 ⁵⁸	26°50	26 ⁴⁹	10°29	11°11	27°21	23°46	0°20	9 ⁴³	10° 4	3°22	25 ⁵⁷	T 2
F 3	8 50 49	13°40'49	22°20	15°49	27°57	26°27	10°38	11°18	27°24	23°48	0°21	9°33	10° 1	3°28	25°55	F 3
S 4	8 54 46	14°41'42	5 ¹³	14°36	29° 4	26° 5	10°48	11°24	27°28	23°51	0°22	9°27	9°58	3°35	25°52	S 4
S 5	8 58 42	15°42'34	17°43	13°23	0 ¹¹	25°42	10°57	11°31	27°31	23°53	0°23	9°23	9°55	3°42	25°49	S 5
M 6	9 2 39	16°43'24	29°56	12°10	1°18	25°19	11° 5	11°38	27°35	23°55	0°24	9°22	9°52	3°48	25°46	M 6
T 7	9 6 35	17°44'13	11 ⁵⁴	11° 1	2°25	24°56	11°14	11°45	27°38	23°57	0°25	9°21	9°49	3°55	25°43	T 7
W 8	9 10 32	18°45'00	23°45	9°56	3°33	24°32	11°23	11°52	27°41	23°59	0°26	9°21	9°45	4° 1	25°40	W 8
T 9	9 14 29	19°45'46	5 ³²	8°57	4°41	24° 9	11°31	11°59	27°45	24° 1	0°27	9°20	9°42	4° 8	25°37	T 9
F 10	9 18 25	20°46'30	17°23	8° 5	5°49	23°45	11°40	12° 6	27°48	24° 3	0°28	9°17	9°39	4°15	25°34	F 10
S 11	9 22 22	21°47'13	29°21	7°21	6°57	23°21	11°48	12°13	27°51	24° 5	0°28	9°12	9°36	4°21	25°31	S 11
S 12	9 26 18	22°47'54	11 ³²	6°44	8° 5	22°57	11°56	12°20	27°55	24° 7	0°29	9° 4	9°33	4°28	25°27	S 12
M13	9 30 15	23°48'33	23°57	6°16	9°14	22°33	12° 4	12°27	27°58	24° 9	0°30	8°53	9°29	4°35	25°24	M13
T 14	9 34 11	24°49'11	6 ³⁸	5°55	10°22	22° 9	12°12	12°34	28° 1	24°11	0°30	8°41	9°26	4°41	25°20	T 14
W15	9 38 8	25°49'48	19°37	5°43	11°31	21°45	12°19	12°42	28° 4	24°13	0°31	8°28	9°23	4°48	25°17	W15
T 16	9 42 4	26°50'23	2 ⁵¹	5°D37	12°40	21°21	12°27	12°49	28° 8	24°15	0°32	8°15	9°20	4°55	25°13	T 16
F 17	9 46 1	27°50'56	16°20	5°39	13°49	20°58	12°34	12°56	28°11	24°17	0°32	8° 5	9°17	5° 1	25° 9	F 17
S 18	9 49 58	28°51'29	29°59	5°48	14°58	20°35	12°42	13° 3	28°14	24°19	0°33	7°57	9°14	5° 8	25° 5	S 18
S 19	9 53 54	29°51'59	13 ⁴⁸	6° 3	16° 7	20°12	12°49	13°10	28°17	24°21	0°33	7°52	9°10	5°15	25° 1	S 19
M20	9 57 51	0 ⁵² 29	27°43	6°24	17°16	19°49	12°56	13°18	28°20	24°23	0°34	7°50	9° 7	5°21	24°57	M20
T 21	10 1 47	1°52'57	11 ⁴³	6°51	18°26	19°27	13° 3	13°25	28°23	24°25	0°34	7°D49	9° 4	5°28	24°53	T 21
W22	10 5 44	2°53'24	25°46	7°22	19°35	19° 5	13°10	13°32	28°26	24°27	0°34	7°50	9° 1	5°35	24°49	W22
T 23	10 9 40	3°53'49	9 ⁵²	7°58	20°45	18°43	13°16	13°39	28°30	24°29	0°35	7°R50	8°58	5°41	24°45	T 23
F 24	10 13 37	4°54'14	24° 0	8°39	21°54	18°22	13°23	13°47	28°33	24°31	0°35	7°48	8°55	5°48	24°41	F 24
S 25	10 17 33	5°54'37	8 ⁹	9°23	23° 4	18° 2	13°29	13°54	28°36	24°33	0°35	7°44	8°51	5°55	24°36	S 25
S 26	10 21 30	6°54'58	22°15	10°11	24°14	17°42	13°35	14° 1	28°39	24°34	0°36	7°38	8°48	6° 1	24°32	S 26
M27	10 25 27	7°55'18	6 ¹⁷	11° 3	25°24	17°22	13°41	14° 9	28°42	24°36	0°36	7°29	8°45	6° 8	24°28	M27
T 28	10 29 23	8 ⁵⁵ 37	20 ⁹	11 ⁵⁸	26 ³⁴	17 ³	13 ⁴⁷	14 ¹⁶	28 ⁴⁴	24 ³⁸	0 ³⁶	7 ¹⁹	8 ⁴²	6 ¹⁵	24 ²³	T 28

Day	☉	☾		♀		♀		♂		♂		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s17	8s31	4n50	12s29	3n 5	20s32	2n50	16n38	4n27	21s14	0n46	9s 3	1s46	21s11	0s30	20s49	0n33	7s 1	13n29	14s47	14s51	18n49	2s42	4s40	
T 2	17 0	4 7	4 22	12 37	3 17	20 37	2 47	16 46	4 28	21 15	0 46	9 0	1 46	21 11	0 30	20 49	0 33	7 1	13 29	14 43	14 50	18 49	2 41	4 41	
F 3	16 43	0n21	3 42	12 49	3 26	20 42	2 44	16 55	4 29	21 17	0 46	8 57	1 46	21 10	0 30	20 48	0 33	7 1	13 30	14 40	14 49	18 50	2 40	4 41	
S 4	16 25	4 40	2 50	13 3	3 33	20 46	2 40	17 3	4 30	21 18	0 46	8 55	1 46	21 9	0 30	20 48	0 33	7 1	13 30	14 38	14 48	18 50	2 39	4 41	
S 5	16 8	8 41	1 52	13 19	3 38	20 50	2 37	17 12	4 31	21 19	0 46	8 52	1 46	21 9	0 30	20 47	0 33	7 0	13 30	14 37	14 47	18 51	2 38	4 41	
M 6	15 49	12 13	0 50	13 37	3 40	20 53	2 33	17 20	4 31	21 20	0 46	8 49	1 45	21 8	0 30	20 47	0 33	7 0	13 31	14 37	14 46	18 51	2 37	4 41	
T 7	15 31	15 12	0s14	13 56	3 40	20 55	2 30	17 29	4 32	21 21	0 46	8 47	1 45	21 7	0 30	20 47	0 33	7 0	13 31	14 37	14 45	18 52	2 36	4 41	
W 8	15 12	17 29	1 16	14 16	3 37	20 57	2 26	17 37	4 32	21 23	0 46	8 44	1 45	21 7	0 30	20 46	0 33	7 0	13 31	14 37	14 44	18 52	2 35	4 41	
T 9	14 53	19 2	2 14	14 36	3 32	20 59	2 22	17 45	4 33	21 24	0 47	8 41	1 45	21 6	0 30	20 46	0 33	7 0	13 32	14 36	14 43	18 53	2 34	4 41	
F 10	14 34	19 44	3 7	14 55	3 26	21 0	2 19	17 53	4 33	21 25	0 47	8 39	1 45	21 5	0 30	20 46	0 33	6 59	13 32	14 35	14 42	18 53	2 32	4 41	
S 11	14 15	19 34	3 52	15 14	3 18	21 1	2 15	18 1	4 33	21 26	0 47	8 36	1 45	21 5	0 30	20 45	0 33	6 59	13 33	14 34	14 41	18 53	2 31	4 41	
S 12	13 55	18 29	4 28	15 32	3 9	21 1	2 11	18 9	4 33	21 27	0 47	8 33	1 45	21 4	0 30	20 45	0 33	6 59	13 33	14 31	14 40	18 54	2 30	4 41	
M13	13 35	16 32	4 51	15 49	2 59	21 0	2 7	18 17	4 33	21 28	0 47	8 31	1 45	21 4	0 30	20 45	0 33	6 59	13 33	14 28	14 39	18 54	2 29	4 41	
T 14	13 15	13 45	5 1	16 5	2 48	20 59	2 3	18 25	4 32	21 29	0 47	8 28	1 45	21 3	0 30	20 44	0 33	6 58	13 34	14 24	14 38	18 55	2 27	4 41	
W15	12 55	10 15	4 56	16 19	2 36	20 57	1 59	18 32	4 32	21 30	0 47	8 25	1 45	21 2	0 30	20 44	0 33	6 58	13 34	14 19	14 37	18 55	2 26	4 41	
T 16	12 34	6 11	4 35	16 32	2 24	20 55	1 55	18 40	4 31	21 31	0 47	8 22	1 45	21 2	0 30	20 43	0 33	6 58	13 35	14 15	14 36	18 55	2 24	4 41	
F 17	12 13	1 44	3 58	16 44	2 11	20 52	1 51	18 47	4 31	21 32	0 47	8 20	1 45	21 1	0 30	20 43	0 33	6 58	13 35	14 12	14 35	18 56	2 23	4 41	
S 18	11 52	2s51	3 7	16 54	1 59	20 49	1 47	18 54	4 30	21 33	0 47	8 17	1 45	21 0	0 30	20 43	0 33	6 57	13 35	14 10	14 34	18 56	2 21	4 41	
S 19	11 31	7 21	2 4	17 3	1 46	20 45	1 43	19 0	4 29	21 33	0 47	8 14	1 45	21 0	0 30	20 42	0 33	6 57	13 36	14 8	14 33	18 57	2 20	4 41	
M20	11 10	11 30	0 54	17 10	1 34	20 41	1 39	19 7	4 28	21 34	0 47	8 11	1 45	20 59	0 30	20 42	0 33	6 57	13 36	14 7	14 32	18 57	2 18	4 41	
T 21	10 48	15 1	0n21	17 15	1 21	20 36	1 35	19 13	4 27	21 35	0 47	8 8	1 45	20 59	0 30	20 42	0 33	6 56	13 37	14 7	14 31	18 57	2 16	4 41	
W22	10 27	17 40	1 34	17 19	1 9	20 30	1 31	19 19	4 26	21 36	0 47	8 6	1 45	20 58	0 30	20 41	0 33	6 56	13 37	14 7	14 30	18 58	2 15	4 41	
T 23	10 5	19 15	2 42	17 22	0 57	20 24	1 27	19 25	4 25	21 37	0 47	8 3	1 45	20 57	0 30	20 41	0 33	6 56	13 37	14 7	14 29	18 58	2 13	4 41	
F 24	9 43	19 38	3 40	17 23	0 45	20 17	1 23	19 30	4 24	21 37	0 47	8 0	1 45	20 57	0 30	20 41	0 33	6 55	13 38	14 7	14 28	18 59	2 11	4 41	
S 25	9 21	18 47	4 25	17 22	0 33	20 10	1 19	19 35	4 22	21 38	0 47	7 57	1 45	20 56	0 30	20 40	0 33	6 55	13 38	14 5	14 27	18 59	2 10	4 41	
S 26	8 58	16 46	4 54	17 20	0 22	20 2	1 15	19 40	4 21	21 39	0 47	7 54	1 45	20 56	0 30	20 40	0 33	6 55	13 38	14 3	14 26	18 59	2 8	4 41	
M27	8 36	13 47	5 4	17 17	0 11	19 54	1 11	19 45	4 20	21 39	0 47	7 52	1 46	20 55	0 30	20 40	0 33	6 54	13 39	14 1	14 25	19 0	2 6	4 41	
T 28	8s13	10s 4	4n57	17s12	0n 1	19s45	1n 7	19n49	4n18	21s40	0n47	7s49	1s46	20s54	0s30	20s39	0n33	6s54	13n39	13s57	14s24	19n 0	2s 4	4s41	

Julian Day Number = 2449749.5, Delta T = 60.86 sec

Ecliptic obliquity = 23°26'17, Nutation = 0°00'13, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°40'18, Lahiri = 23°47'18

ASTRODIENST EPHEMERIS for the year 1995
geocentric

MARCH 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 33 20	9♂55'54	3♂49	12♂55	27♂45	16°R45	13♂52	14♂23	28♂47	24♂40	0♂36	7°R 9	8♂39	6♂21	24°R19	W 1
T 2	10 37 16	10°56'09	17°12	13°56	28°55	16♂28	13°58	14°31	28°50	24°42	0°36	7♂ 0	8°35	6°28	24♂14	T 2
F 3	10 41 13	11°56'22	0♂16	14°59	0♂ 5	16°11	14° 3	14°38	28°53	24°43	0°36	6°52	8°32	6°35	24°10	F 3
S 4	10 45 9	12°56'33	13° 2	16° 4	1°16	15°54	14° 9	14°45	28°56	24°45	0°R36	6°47	8°29	6°41	24° 5	S 4
S 5	10 49 6	13°56'42	25°29	17°12	2°26	15°39	14°14	14°53	28°59	24°47	0°36	6°44	8°26	6°48	24° 1	S 5
M 6	10 53 2	14°56'50	7♂40	18°21	3°37	15°24	14°18	15° 0	29° 1	24°48	0°36	6°D43	8°23	6°55	23°56	M 6
T 7	10 56 59	15°56'55	19°40	19°33	4°48	15°10	14°23	15° 8	29° 4	24°50	0°36	6°44	8°20	7° 1	23°51	T 7
W 8	11 0 56	16°56'58	1♂31	20°47	5°58	14°57	14°28	15°15	29° 7	24°51	0°36	6°45	8°16	7° 8	23°46	W 8
T 9	11 4 52	17°56'59	13°20	22° 2	7° 9	14°44	14°32	15°22	29° 9	24°53	0°36	6°R46	8°13	7°15	23°42	T 9
F 10	11 8 49	18°56'58	25°11	23°19	8°20	14°32	14°36	15°30	29°12	24°54	0°36	6°46	8°10	7°21	23°37	F 10
S 11	11 12 45	19°56'55	7♂11	24°38	9°31	14°22	14°40	15°37	29°14	24°56	0°35	6°44	8° 7	7°28	23°32	S 11
S 12	11 16 42	20°56'49	19°23	25°58	10°42	14°11	14°44	15°44	29°17	24°57	0°35	6°41	8° 4	7°35	23°28	S 12
M13	11 20 38	21°56'42	1♂51	27°20	11°53	14° 2	14°48	15°52	29°19	24°59	0°35	6°35	8° 0	7°41	23°23	M13
T 14	11 24 35	22°56'32	14°40	28°44	13° 4	13°53	14°51	15°59	29°22	25° 0	0°35	6°28	7°57	7°48	23°18	T 14
W15	11 28 31	23°56'20	27°49	0♂ 9	14°15	13°46	14°54	16° 6	29°24	25° 2	0°34	6°21	7°54	7°55	23°13	W15
T 16	11 32 28	24°56'06	11♂20	1°35	15°26	13°39	14°58	16°14	29°27	25° 3	0°34	6°13	7°51	8° 1	23° 8	T 16
F 17	11 36 24	25°55'50	25°10	3° 2	16°37	13°32	15° 1	16°21	29°29	25° 4	0°33	6° 7	7°48	8° 8	23° 4	F 17
S 18	11 40 21	26°55'32	9♂14	4°31	17°49	13°27	15° 3	16°28	29°31	25° 6	0°33	6° 3	7°45	8°15	22°59	S 18
S 19	11 44 18	27°55'12	23°30	6° 2	19° 0	13°22	15° 6	16°36	29°34	25° 7	0°32	6° 0	7°41	8°21	22°54	S 19
M20	11 48 14	28°54'50	7♂52	7°34	20°12	13°18	15° 8	16°43	29°36	25° 8	0°32	6°D 0	7°38	8°28	22°49	M20
T 21	11 52 11	29°54'26	22°15	9° 7	21°23	13°15	15°11	16°50	29°38	25° 9	0°31	6° 1	7°35	8°35	22°45	T 21
W22	11 56 7	0♂54'01	6♂36	10°41	22°35	13°13	15°13	16°57	29°40	25°11	0°31	6° 2	7°32	8°41	22°40	W22
T 23	12 0 4	1°53'34	20°51	12°16	23°46	13°11	15°15	17° 5	29°42	25°12	0°30	6° 3	7°29	8°48	22°35	T 23
F 24	12 4 0	2°53'05	4♂59	13°53	24°58	13°10	15°16	17°12	29°44	25°13	0°30	6°R 4	7°26	8°55	22°31	F 24
S 25	12 7 57	3°52'35	18°57	15°32	26° 9	13°D10	15°18	17°19	29°46	25°14	0°29	6° 3	7°22	9° 1	22°26	S 25
S 26	12 11 53	4°52'03	2♂46	17°11	27°21	13°11	15°19	17°26	29°48	25°15	0°28	6° 0	7°19	9° 8	22°22	S 26
M27	12 15 50	5°51'28	16°24	18°52	28°33	13°12	15°20	17°33	29°50	25°16	0°27	5°57	7°16	9°15	22°17	M27
T 28	12 19 47	6°50'53	29°50	20°34	29°45	13°14	15°21	17°40	29°52	25°17	0°27	5°52	7°13	9°21	22°12	T 28
W29	12 23 43	7°50'15	13♂ 3	22°18	0♂56	13°17	15°22	17°47	29°54	25°18	0°26	5°48	7°10	9°28	22° 8	W29
T 30	12 27 40	8°49'35	26° 2	24° 3	2° 8	13°20	15°22	17°55	29°56	25°19	0°25	5°43	7° 6	9°35	22° 3	T 30
F 31	12 31 36	9♂48'53	8♂47	25♂49	3♂20	13♂24	15♂23	18♂ 2	29♂57	25♂20	0♂24	5♂40	7♂ 3	9♂41	21♂59	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	7s51	5s52	4n33	17s 5	0s10	19s35	1n 3	19n53	4n16	21s41	0n48	7s46	1s46	20s54	0s30	20s39
T 2	7 28	1 28	3 53	16 58	0 20	19 25	0 59	19 57	4 14	21 41	0 48	7 43	1 46	20 53	0 30	20 39
F 3	7 5	2n54	3 3	16 48	0 29	19 14	0 55	20 0	4 13	21 42	0 48	7 40	1 46	20 53	0 30	20 39
S 4	6 42	7 3	2 4	16 38	0 38	19 3	0 51	20 3	4 11	21 42	0 48	7 38	1 46	20 52	0 30	20 38
S 5	6 19	10 47	1 0	16 26	0 47	18 51	0 47	20 6	4 9	21 43	0 48	7 35	1 46	20 52	0 30	20 38
M 6	5 56	13 59	0s 5	16 12	0 56	18 39	0 43	20 9	4 7	21 43	0 48	7 32	1 46	20 51	0 31	20 38
T 7	5 33	16 32	1 9	15 58	1 4	18 26	0 39	20 11	4 5	21 44	0 48	7 29	1 46	20 51	0 31	20 37
W 8	5 9	18 21	2 10	15 42	1 11	18 13	0 35	20 13	4 3	21 44	0 48	7 26	1 46	20 50	0 31	20 37
T 9	4 46	19 21	3 5	15 24	1 19	17 59	0 31	20 15	4 1	21 45	0 48	7 24	1 46	20 50	0 31	20 37
F 10	4 22	19 29	3 52	15 5	1 25	17 45	0 27	20 16	3 59	21 45	0 48	7 21	1 46	20 49	0 31	20 37
S 11	3 59	18 46	4 29	14 45	1 32	17 30	0 23	20 17	3 56	21 46	0 48	7 18	1 46	20 48	0 31	20 36
S 12	3 35	17 10	4 55	14 24	1 38	17 15	0 19	20 18	3 54	21 46	0 48	7 15	1 46	20 48	0 31	20 36
M13	3 12	14 44	5 8	14 1	1 44	16 59	0 15	20 19	3 52	21 46	0 48	7 12	1 46	20 47	0 31	20 36
T 14	2 48	11 33	5 6	13 37	1 49	16 42	0 12	20 19	3 50	21 47	0 48	7 10	1 46	20 47	0 31	20 35
W15	2 24	7 43	4 48	13 12	1 54	16 26	0 8	20 19	3 47	21 47	0 48	7 7	1 46	20 47	0 31	20 35
T 16	2 1	3 24	4 13	12 45	1 58	16 8	0 4	20 19	3 45	21 47	0 48	7 4	1 46	20 46	0 31	20 35
F 17	1 37	1s11	3 24	12 17	2 2	15 51	0 1	20 19	3 43	21 48	0 48	7 1	1 46	20 46	0 31	20 35
S 18	1 13	5 49	2 20	11 48	2 6	15 32	0s 3	20 18	3 40	21 48	0 49	6 58	1 46	20 45	0 31	20 34
S 19	0 50	10 10	1 8	11 18	2 9	15 14	0 7	20 17	3 38	21 48	0 49	6 56	1 47	20 45	0 31	20 34
M20	0 26	13 58	0n10	10 46	2 12	14 55	0 10	20 16	3 36	21 48	0 49	6 53	1 47	20 44	0 31	20 34
T 21	0 2	16 55	1 28	10 14	2 14	14 35	0 14	20 15	3 33	21 48	0 49	6 50	1 47	20 44	0 31	20 34
W22	0n21	18 48	2 39	9 40	2 16	14 15	0 17	20 13	3 31	21 49	0 49	6 47	1 47	20 43	0 31	20 34
T 23	0 45	19 27	3 41	9 4	2 18	13 55	0 20	20 11	3 29	21 49	0 49	6 45	1 47	20 43	0 31	20 33
F 24	1 9	18 53	4 28	8 28	2 19	13 34	0 24	20 9	3 26	21 49	0 49	6 42	1 47	20 43	0 31	20 33
S 25	1 32	17 10	4 59	7 51	2 19	13 13	0 27	20 7	3 24	21 49	0 49	6 39	1 47	20 42	0 31	20 33
S 26	1 56	14 28	5 12	7 12	2 19	12 52	0 30	20 5	3 22	21 49	0 49	6 36	1 47	20 42	0 31	20 33
M27	2 20	11 1	5 8	6 32	2 19	12 30	0 33	20 2	3 19	21 49	0 49	6 34	1 47	20 41	0 31	20 33
T 28	2 43	7 4	4 46	5 51	2 18	12 8	0 36	19 59	3 17	21 49	0 49	6 31	1 47	20 41	0 31	20 32
W29	3 7	2 49	4 9	5 9	2 17	11 45	0 39	19 56	3 15	21 49	0 49	6 28	1 47	20 41	0 31	20 32
T 30	3 30	1n29	3 21	4 26	2 15	11 22	0 42	19 53	3 12	21 49	0 49	6 26	1 48	20 40	0 31	20 32
F 31	3n53	5n40	2n22	3s41	2s13	10s59	0s45	19n50	3n10	21s49	0n49	6s23	1s48	20s40	0s31	20s32

Julian Day Number = 2449777.5, Delta T = 60.93 sec
Ecliptic obliquity = 23°26'17", Nutation = 0°00'12", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°40'22", Lahiri = 23°47'22"

ASTRODIENST EPHEMERIS for the year 1995

geocentric

APRIL 1995

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 33	10°48'10"	21°17'	27°37'	4°32'	13°29'	15°23'	18°18'	29°59'	25°21'	0°23'	5°38'	7°00'	9°48'	21°55'	S 1
S 2	12 39 29	11°47'24"	3°35'	29°26'	5°44'	13°34'	15°23'	18°16'	0°00'	25°22'	0°22'	5°37'	6°57'	9°55'	21°50'	S 2
M 3	12 43 26	12°46'36"	15°40'	1°16'	6°56'	13°40'	15°23'	18°23'	0°02'	25°23'	0°21'	5°37'	6°54'	10°01'	21°46'	M 3
T 4	12 47 22	13°45'46"	27°37'	3°08'	8°08'	13°47'	15°22'	18°29'	0°04'	25°24'	0°20'	5°39'	6°51'	10°08'	21°42'	T 4
W 5	12 51 19	14°44'53"	9°28'	5°01'	9°20'	13°54'	15°22'	18°36'	0°06'	25°24'	0°19'	5°40'	6°47'	10°15'	21°38'	W 5
T 6	12 55 16	15°43'59"	21°17'	6°56'	10°32'	14°02'	15°21'	18°43'	0°07'	25°25'	0°18'	5°42'	6°44'	10°21'	21°34'	T 6
F 7	12 59 12	16°43'02"	3°08'	8°52'	11°44'	14°11'	15°20'	18°50'	0°08'	25°26'	0°17'	5°43'	6°41'	10°28'	21°30'	F 7
S 8	13 03 09	17°42'03"	15°07'	10°49'	12°56'	14°20'	15°19'	18°57'	0°10'	25°26'	0°16'	5°44'	6°38'	10°35'	21°26'	S 8
S 9	13 07 05	18°41'02"	27°18'	12°48'	14°08'	14°30'	15°18'	19°04'	0°11'	25°27'	0°15'	5°43'	6°35'	10°41'	21°22'	S 9
M10	13 11 02	19°39'58"	9°45'	14°48'	15°20'	14°40'	15°16'	19°10'	0°12'	25°28'	0°14'	5°43'	6°31'	10°48'	21°18'	M10
T 11	13 14 58	20°38'52"	22°33'	16°49'	16°32'	14°51'	15°15'	19°17'	0°14'	25°28'	0°13'	5°41'	6°28'	10°55'	21°14'	T 11
W12	13 18 55	21°37'44"	5°44'	18°52'	17°45'	15°03'	15°13'	19°24'	0°15'	25°29'	0°12'	5°39'	6°25'	11°01'	21°10'	W12
T 13	13 22 51	22°36'33"	19°20'	20°55'	18°57'	15°15'	15°11'	19°30'	0°16'	25°29'	0°11'	5°37'	6°22'	11°08'	21°07'	T 13
F 14	13 26 48	23°35'20"	3°42'	23°00'	20°09'	15°27'	15°08'	19°37'	0°17'	25°30'	0°09'	5°36'	6°19'	11°15'	21°03'	F 14
S 15	13 30 44	24°34'06"	17°42'	25°05'	21°21'	15°40'	15°06'	19°43'	0°18'	25°30'	0°08'	5°35'	6°16'	11°21'	21°00'	S 15
S 16	13 34 41	25°32'49"	2°19'	27°11'	22°34'	15°54'	15°03'	19°50'	0°19'	25°31'	0°07'	5°34'	6°12'	11°28'	20°56'	S 16
M17	13 38 38	26°31'30"	17°07'	29°18'	23°46'	16°08'	15°01'	19°56'	0°20'	25°31'	0°06'	5°35'	6°09'	11°35'	20°53'	M17
T 18	13 42 34	27°30'10"	1°56'	1°25'	24°58'	16°22'	14°58'	20°03'	0°21'	25°31'	0°04'	5°35'	6°06'	11°41'	20°50'	T 18
W19	13 46 31	28°28'48"	16°42'	3°32'	26°10'	16°37'	14°55'	20°09'	0°22'	25°32'	0°03'	5°36'	6°03'	11°48'	20°47'	W19
T 20	13 50 27	29°27'24"	1°36'	5°39'	27°23'	16°53'	14°51'	20°15'	0°23'	25°32'	0°02'	5°36'	6°00'	11°55'	20°44'	T 20
F 21	13 54 24	0°25'58"	15°36'	7°46'	28°35'	17°09'	14°48'	20°21'	0°23'	25°32'	0°00'	5°37'	5°57'	12°01'	20°41'	F 21
S 22	13 58 20	1°24'31"	29°38'	9°51'	29°48'	17°25'	14°44'	20°28'	0°24'	25°32'	29°59'	5°37'	5°53'	12°08'	20°38'	S 22
S 23	14 02 17	2°23'02"	13°22'	11°56'	1°00'	17°42'	14°40'	20°34'	0°25'	25°33'	29°57'	5°37'	5°50'	12°15'	20°35'	S 23
M24	14 06 14	3°21'32"	26°47'	13°59'	2°12'	17°59'	14°36'	20°40'	0°25'	25°33'	29°56'	5°37'	5°47'	12°21'	20°33'	M24
T 25	14 10 10	4°20'00"	9°54'	16°00'	3°25'	18°17'	14°32'	20°46'	0°26'	25°33'	29°55'	5°36'	5°44'	12°28'	20°30'	T 25
W26	14 14 07	5°18'26"	5°18'26"	18°00'	4°37'	18°35'	14°28'	20°52'	0°26'	25°33'	29°53'	5°36'	5°41'	12°35'	20°27'	W26
T 27	14 18 03	6°16'51"	5°24'	19°57'	5°50'	18°53'	14°24'	20°58'	0°27'	25°33'	29°52'	5°36'	5°37'	12°41'	20°25'	T 27
F 28	14 22 00	7°15'13"	17°49'	21°51'	7°02'	19°12'	14°19'	21°04'	0°27'	25°33'	29°50'	5°36'	5°34'	12°48'	20°23'	F 28
S 29	14 25 56	8°13'35"	0°08'	23°42'	8°15'	19°31'	14°14'	21°10'	0°27'	25°33'	29°49'	5°37'	5°31'	12°55'	20°21'	S 29
S 30	14 29 53	9°11'54"	12°08'	25°31'	9°27'	19°51'	14°09'	21°15'	0°28'	25°33'	29°47'	5°37'	5°28'	13°01'	20°18'	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	decl lat
S 1	4n17	9n31	1n18	2s56	2s10	10s36	0s48	19n46	3n 8	21s49	0n49	6s20	1s48	20s40	0s31	20s32
S 2	4 40	12 53	0 11	2 10	2 6	10 12	0 51	19 42	3 5	21 49	0 49	6 18	1 48	20 39	0 31	20 31
M 3	5 3	15 39	0s55	1 22	2 3	9 48	0 54	19 39	3 3	21 49	0 49	6 15	1 48	20 39	0 31	20 31
T 4	5 26	17 42	1 58	0 34	1 58	9 23	0 56	19 34	3 1	21 49	0 49	6 13	1 48	20 39	0 31	20 31
W 5	5 49	18 58	2 56	0n15	1 54	8 59	0 59	19 30	2 59	21 49	0 49	6 10	1 48	20 38	0 31	20 31
T 6	6 11	19 23	3 46	1 6	1 48	8 34	1 1	19 26	2 56	21 49	0 50	6 7	1 48	20 38	0 31	20 31
F 7	6 34	18 57	4 27	1 57	1 42	8 9	1 4	19 21	2 54	21 49	0 50	6 5	1 48	20 38	0 31	20 31
S 8	6 57	17 40	4 56	2 49	1 36	7 43	1 6	19 16	2 52	21 48	0 50	6 2	1 49	20 38	0 31	20 31
S 9	7 19	15 35	5 13	3 41	1 29	7 18	1 8	19 11	2 50	21 48	0 50	6 0	1 49	20 37	0 32	20 30
M10	7 42	12 44	5 16	4 34	1 22	6 52	1 11	19 6	2 48	21 48	0 50	5 57	1 49	20 37	0 32	20 30
T 11	8 4	9 13	5 3	5 28	1 14	6 26	1 13	19 1	2 46	21 48	0 50	5 55	1 49	20 37	0 32	20 30
W12	8 26	5 9	4 34	6 22	1 6	6 0	1 15	18 55	2 43	21 48	0 50	5 52	1 49	20 37	0 32	20 30
T 13	8 48	0 42	3 49	7 17	0 57	5 33	1 17	18 50	2 41	21 47	0 50	5 50	1 49	20 36	0 32	20 30
F 14	9 10	3s55	2 49	8 12	0 48	5 7	1 19	18 44	2 39	21 47	0 50	5 47	1 49	20 36	0 32	20 30
S 15	9 31	8 27	1 38	9 7	0 38	4 40	1 21	18 38	2 37	21 47	0 50	5 45	1 50	20 36	0 32	20 30
S 16	9 53	12 34	0 18	10 2	0 28	4 13	1 22	18 32	2 35	21 46	0 50	5 43	1 50	20 36	0 32	20 30
M17	10 14	15 56	1n 4	10 57	0 18	3 46	1 24	18 26	2 33	21 46	0 50	5 40	1 50	20 36	0 32	20 30
T 18	10 35	18 14	2 21	11 51	0 8	3 19	1 26	18 20	2 31	21 46	0 50	5 38	1 50	20 36	0 32	20 30
W19	10 56	19 18	3 29	12 44	0n 3	2 51	1 27	18 13	2 29	21 45	0 50	5 35	1 50	20 35	0 32	20 30
T 20	11 17	19 3	4 22	13 37	0 14	2 24	1 29	18 7	2 27	21 45	0 50	5 33	1 50	20 35	0 32	20 29
F 21	11 37	17 35	4 59	14 29	0 25	1 56	1 30	18 0	2 25	21 45	0 50	5 31	1 50	20 35	0 32	20 29
S 22	11 58	15 4	5 16	15 20	0 36	1 29	1 31	17 53	2 23	21 44	0 50	5 28	1 51	20 35	0 32	20 29
S 23	12 18	11 47	5 15	16 9	0 46	1 1	1 33	17 46	2 21	21 44	0 50	5 26	1 51	20 35	0 32	20 29
M24	12 38	7 56	4 56	16 57	0 57	0 33	1 34	17 39	2 20	21 43	0 50	5 24	1 51	20 35	0 32	20 29
T 25	12 58	3 48	4 23	17 42	1 7	0 6	1 35	17 32	2 18	21 43	0 50	5 22	1 51	20 35	0 32	20 29
W26	13 17	0n27	3 36	18 26	1 18	0n22	1 36	17 25	2 16	21 42	0 50	5 19	1 51	20 35	0 32	20 29
T 27	13 37	4 36	2 40	19 8	1 27	0 50	1 37	17 17	2 14	21 42	0 50	5 17	1 51	20 35	0 32	20 29
F 28	13 56	8 29	1 37	19 47	1 37	1 18	1 37	17 9	2 12	21 41	0 50	5 15	1 52	20 35	0 32	20 29
S 29	14 15	11 58	0 31	20 24	1 45	1 46	1 38	17 2	2 10	21 41	0 50	5 13	1 52	20 35	0 32	20 29
S 30	14n34	14n54	0s36	20n58	1n53	2n14	1s39	16n54	2n 9	21s40	0n50	5s11	1s52	20s35	0s32	20s29

Julian Day Number = 2449808.5, Delta T = 61.00 sec
 Ecliptic obliquity = 23°26'17", Nutation = 0°00'10", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°40'26", Lahiri = 23°47'26"

ASTRODIENST EPHEMERIS for the year 1995

geocentric

MAY 1995

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 33 49	10°8'12"	24°8'7"	27°8'16"	10°Y'40"	20°Ω'11"	14°R'4"	21°K'21"	0°≈28"	25°R'33"	29°R'46"	5°R'36"	5°M'25"	13°II'8"	20°R'17"	M 1
T 2	14 37 46	11°8'28"	5°II'59"	28°5'57"	11°5'2"	20°3'31"	13°X'59"	21°0'27"	0°28"	25°Z'33"	29°M'44"	5°M'36"	5°22"	13°15"	20°M'15"	T 2
W 3	14 41 42	12°6'42"	17°49"	0°II'35"	13°5"	20°5'2"	13°5'4"	21°3'2"	0°28"	25°3'3"	29°4'2"	5°3'5"	5°18"	13°2'1"	20°1'3"	W 3
T 4	14 45 39	13°4'54"	29°3'38"	2°9"	14°18"	21°1'3"	13°4'8"	21°3'8"	0°28"	25°3'2"	29°4'1"	5°3'4"	5°15"	13°2'8"	20°1'1"	T 4
F 5	14 49 36	14°3'04"	11°E'30"	3°3'39"	15°3'30"	21°3'4"	13°4'2"	21°4'3"	0°R'28"	25°3'2"	29°3'9"	5°3'3"	5°12"	13°3'5"	20°1'0"	F 5
S 6	14 53 32	15°1'13"	23°2'29"	5°6"	16°4'3"	21°5'6"	13°3'7"	21°4'9"	0°28"	25°3'2"	29°3'8"	5°3'2"	5°9"	13°4'1"	20°8"	S 6
S 7	14 57 29	15°59'19"	5°Ω'39"	6°2'28"	17°5'55"	22°1'8"	13°3'1"	21°5'4"	0°28"	25°3'2"	29°3'6"	5°3'1"	5°6"	13°4'8"	20°7"	S 7
M 8	15 1 25	16°57'23"	18°3"	7°4'6"	19°8"	22°4'0"	13°2'5"	21°5'9"	0°28"	25°3'1"	29°3'5"	5°D'31"	5°3"	13°5'5"	20°6"	M 8
T 9	15 5 22	17°55'26"	0°M'47"	9°0"	20°2'1"	23°3"	13°1'9"	22°4"	0°28"	25°3'1"	29°3'3"	5°3'2"	4°59"	14°1"	20°4"	T 9
W10	15 9 18	18°53'26"	13°5'3"	10°9"	21°3'3"	23°2'6"	13°1'2"	22°10"	0°28"	25°3'1"	29°3'1"	5°3'2"	4°56"	14°8"	20°3"	W10
T 11	15 13 15	19°51'25"	27°2'5"	11°1'5"	22°4'6"	23°4'9"	13°6"	22°1'5"	0°28"	25°3'0"	29°3'0"	5°3'3"	4°5'3"	14°1'5"	20°3"	T 11
F 12	15 17 11	20°49'22"	11°A'23"	12°1'6"	23°5'9"	24°1'2"	13°0"	22°2'0"	0°27"	25°3'0"	29°2'8"	5°3'4"	4°5'0"	14°2'1"	20°2"	F 12
S 13	15 21 8	21°47'17"	25°4'8"	13°1'2"	25°1'1"	24°3'6"	12°5'3"	22°2'5"	0°27"	25°2'9"	29°2'6"	5°3'5"	4°4'7"	14°2'8"	20°1"	S 13
S 14	15 25 5	22°45'10"	10°M'34"	14°4"	26°2'4"	25°0"	12°4'6"	22°2'9"	0°27"	25°2'9"	29°2'5"	5°R'35"	4°4'3"	14°3'5"	20°0"	S 14
M15	15 29 1	23°43'02"	25°3'6"	14°5'1"	27°3'7"	25°2'5"	12°4'0"	22°3'4"	0°26"	25°2'8"	29°2'3"	5°3'5"	4°4'0"	14°4'1"	20°0"	M15
T 16	15 32 58	24°40'53"	10°X'45"	15°3'3"	28°4'9"	25°4'9"	12°3'3"	22°3'9"	0°26"	25°2'8"	29°2'1"	5°3'3"	4°3'7"	14°4'8"	20°0"	T 16
W17	15 36 54	25°38'42"	25°5'2"	16°1'1"	0°8'2"	26°1'4"	12°2'6"	22°4'4"	0°25"	25°2'7"	29°2'0"	5°3'1"	4°3'4"	14°5'5"	19°59"	W17
T 18	15 40 51	26°36'30"	10°Z'48"	16°4'4"	1°1'5"	26°3'9"	12°1'9"	22°4'8"	0°25"	25°2'7"	29°1'8"	5°2'8"	4°3'1"	15°2"	19°59"	T 18
F 19	15 44 47	27°34'16"	25°2'5"	17°1'3"	2°2'7"	27°5"	12°1'2"	22°5'3"	0°24"	25°2'6"	29°1'7"	5°2'6"	4°2'8"	15°8"	19°D'59"	F 19
S 20	15 48 44	28°32'02"	9°≈39"	17°3'6"	3°4'0"	27°3'0"	12°4"	22°5'7"	0°23"	25°2'5"	29°1'5"	5°2'4"	4°2'4"	15°1'5"	19°59"	S 20
S 21	15 52 40	29°29'46"	23°2'7"	17°5'5"	4°5'3"	27°5'6"	11°5'7"	23°1"	0°22"	25°2'5"	29°1'3"	5°D'23"	4°2'1"	15°2'2"	20°0"	S 21
M22	15 56 37	0°II'27'29"	6°K'50"	18°8"	6°6"	28°2'2"	11°5'0"	23°6"	0°22"	25°2'4"	29°1'2"	5°2'3"	4°1'8"	15°2'8"	20°0"	M22
T 23	16 0 34	1°25'11"	19°5'0"	18°1'7"	7°1'8"	28°4'8"	11°4'3"	23°10"	0°21"	25°2'3"	29°1'0"	5°2'3"	4°1'5"	15°3'5"	20°0"	T 23
W24	16 4 30	2°22'52"	2°Y'30"	18°R'21"	8°3'1"	29°1'5"	11°3'5"	23°14"	0°20"	25°2'2"	29°8"	5°2'5"	4°1'2"	15°4'2"	20°1"	W24
T 25	16 8 27	3°20'33"	14°5'4"	18°2'1"	9°4'4"	29°4'2"	11°2'8"	23°1'8"	0°19"	25°2'1"	29°7"	5°2'7"	4°9"	15°4'8"	20°2"	T 25
F 26	16 12 23	4°18'12"	27°6"	18°1'6"	10°5'7"	0°M'9"	11°2'0"	23°2'2"	0°18"	25°2'1"	29°5"	5°2'8"	4°5"	15°5'5"	20°2"	F 26
S 27	16 16 20	5°15'50"	9°8'7"	18°6"	12°1'0"	0°3'6"	11°1'3"	23°2'6"	0°17"	25°2'0"	29°3"	5°R'28"	4°2"	16°2"	20°3"	S 27
S 28	16 20 16	6°13'27"	21°3"	17°5'2"	13°2'3"	1°4"	11°5"	23°2'9"	0°16"	25°1'9"	29°2"	5°2'7"	3°59"	16°8"	20°4"	S 28
M29	16 24 13	7°11'03"	2°II'54"	17°3'5"	14°3'5"	1°3'1"	10°5'7"	23°3'3"	0°15"	25°1'8"	29°0"	5°2'4"	3°56"	16°1'5"	20°5"	M29
T 30	16 28 9	8°8'37"	14°4'4"	17°1'4"	15°4'8"	1°5'9"	10°5'0"	23°3'7"	0°14"	25°1'7"	28°5'8"	5°2'0"	3°5'3"	16°2'2"	20°7"	T 30
W31	16 32 6	9°II'6'11"	26°II'33"	16°II'49"	17°8'1"	2°M'27"	10°X'42"	23°K'40"	0°≈13"	25°Z'16"	28°M'57"	5°M'15"	3°M'49"	16°II'28"	20°M'8"	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n52	17n10	1s41	21n30	2n 1	2n42	1s39	16n46	2n 7	21s40	0n50	5s 9	1s52	20s34	0s32	20s29
T 2	15 10	18 40	2 41	22 0	2 8	3 10	1 40	16 38	2 5	21 39	0 50	5 7	1 52	20 34	0 32	20 29
W 3	15 28	19 20	3 34	22 27	2 14	3 37	1 40	16 29	2 3	21 38	0 50	5 5	1 53	20 34	0 32	20 29
T 4	15 46	19 9	4 17	22 52	2 19	4 5	1 41	16 21	2 2	21 38	0 50	5 3	1 53	20 34	0 32	20 29
F 5	16 3	18 8	4 50	23 14	2 23	4 33	1 41	16 12	2 0	21 37	0 50	5 1	1 53	20 35	0 32	20 29
S 6	16 20	16 18	5 10	23 33	2 27	5 1	1 41	16 4	1 58	21 36	0 50	4 59	1 53	20 35	0 32	20 29
S 7	16 37	13 44	5 17	23 51	2 30	5 28	1 41	15 55	1 57	21 36	0 50	4 57	1 53	20 35	0 32	20 29
M 8	16 54	10 30	5 10	24 6	2 31	5 56	1 41	15 46	1 55	21 35	0 50	4 55	1 53	20 35	0 32	20 29
T 9	17 10	6 43	4 47	24 18	2 32	6 23	1 41	15 37	1 53	21 34	0 50	4 53	1 54	20 35	0 33	20 29
W10	17 26	2 31	4 9	24 29	2 32	6 50	1 41	15 28	1 52	21 33	0 50	4 51	1 54	20 35	0 33	20 30
T 11	17 42	1s58	3 16	24 37	2 31	7 17	1 41	15 19	1 50	21 33	0 50	4 49	1 54	20 35	0 33	20 30
F 12	17 58	6 30	2 10	24 43	2 29	7 44	1 41	15 10	1 49	21 32	0 50	4 48	1 54	20 35	0 33	20 30
S 13	18 13	10 48	0 54	24 48	2 26	8 11	1 41	15 0	1 47	21 31	0 50	4 46	1 54	20 35	0 33	20 30
S 14	18 28	14 33	0n28	24 50	2 22	8 38	1 40	14 51	1 45	21 30	0 50	4 44	1 55	20 35	0 33	20 30
M15	18 42	17 24	1 48	24 51	2 17	9 4	1 40	14 41	1 44	21 30	0 50	4 42	1 55	20 35	0 33	20 30
T 16	18 56	19 3	3 2	24 49	2 11	9 30	1 39	14 31	1 42	21 29	0 50	4 41	1 55	20 35	0 33	20 30
W17	19 10	19 19	4 3	24 46	2 4	9 57	1 39	14 21	1 41	21 28	0 50	4 39	1 55	20 36	0 33	20 30
T 18	19 24	18 14	4 47	24 42	1 56	10 23	1 38	14 11	1 39	21 27	0 49	4 38	1 56	20 36	0 33	20 30
F 19	19 37	15 58	5 10	24 35	1 46	10 48	1 37	14 1	1 38	21 26	0 49	4 36	1 56	20 36	0 33	20 30
S 20	19 50	12 47	5 14	24 27	1 36	11 14	1 36	13 51	1 37	21 25	0 49	4 34	1 56	20 36	0 33	20 30
S 21	20 2	8 59	5 0	24 18	1 25	11 39	1 36	13 41	1 35	21 24	0 49	4 33	1 56	20 36	0 33	20 31
M22	20 15	4 50	4 29	24 7	1 13	12 4	1 35	13 30	1 34	21 24	0 49	4 31	1 56	20 37	0 33	20 31
T 23	20 27	0 34	3 45	23 55	1 0	12 29	1 34	13 20	1 32	21 23	0 49	4 30	1 57	20 37	0 33	20 31
W24	20 38	3n37	2 51	23 42	0 46	12 53	1 32	13 9	1 31	21 22	0 49	4 29	1 57	20 37	0 33	20 31
T 25	20 49	7 34	1 51	23 27	0 32	13 17	1 31	12 58	1 29	21 21	0 49	4 27	1 57	20 37	0 33	20 31
F 26	21 0	11 9	0 46	23 11	0 16	13 41	1 30	12 48	1 28	21 20	0 49	4 26	1 57	20 37	0 33	20 31
S 27	21 11	14 13	0s20	22 55	0 0	14 4	1 29	12 37	1 27	21 19	0 49	4 25	1 58	20 38	0 33	20 31
S 28	21 21	16 40	1 24	22 37	0s16	14 28	1 28	12 26	1 25	21 18	0 49	4 23	1 58	20 38	0 33	20 32
M29	21 30	18 22	2 25	22 18	0 33	14 50	1 26	12 14	1 24	21 17	0 49	4 22	1 58	20 38	0 33	20 32
T 30	21 40	19 17	3 18	21 59	0 51	15 13	1 25	12 3	1 23	21 16	0 48	4 21	1 58	20 38	0 33	20 32
W31	21n49	19n20	4s 3	21n39	1s 8	15n35	1s23	11n52	1n21	21s15	0n48	4s20	1s59	20s39	0s33	20s32

Julian Day Number = 2449838.5, Delta T = 61.07 sec

Ecliptic obliquity = 23°26'16", Nutation = 0°00'09", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°40'30", Lahiri = 23°47'31"

ASTRODIENST EPHEMERIS for the year 1995

geocentric

JUNE 1995

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 3	10II 3'43	8☾25	16°R22	18♂14	2♂55	10°R35	23♂44	0°R11	25°R15	28°R55	5°R 8	3♂46	16II35	20♂10	T 1
F 2	16 39 59	11° 1'15	20°20	15II52	19°27	3°24	10♂27	23°47	0♂10	25♂14	28♂53	5♂ 2	3°43	16°42	20°11	F 2
S 3	16 43 56	11°58'45	2♂23	15°21	20°40	3°53	10°19	23°50	0° 9	25°13	28°52	4°56	3°40	16°48	20°13	S 3
S 4	16 47 52	12°56'14	14°34	14°48	21°53	4°22	10°12	23°53	0° 7	25°12	28°50	4°52	3°37	16°55	20°15	S 4
M 5	16 51 49	13°53'41	26°59	14°15	23° 6	4°51	10° 4	23°57	0° 6	25°11	28°49	4°49	3°34	17° 2	20°17	M 5
T 6	16 55 45	14°51'08	9♂40	13°42	24°19	5°20	9°56	24° 0	0° 5	25°10	28°47	4°D47	3°30	17° 8	20°19	T 6
W 7	16 59 42	15°48'33	22°40	13° 8	25°32	5°49	9°49	24° 2	0° 3	25° 9	28°46	4°47	3°27	17°15	20°21	W 7
T 8	17 3 38	16°45'57	6♂ 4	12°36	26°44	6°19	9°41	24° 5	0° 2	25° 7	28°44	4°48	3°24	17°22	20°23	T 8
F 9	17 7 35	17°43'20	19°54	12° 6	27°57	6°49	9°34	24° 8	0° 0	25° 6	28°42	4°50	3°21	17°28	20°25	F 9
S 10	17 11 32	18°40'41	4♂10	11°37	29°10	7°19	9°26	24°11	29♂59	25° 5	28°41	4°R50	3°18	17°35	20°28	S 10
S 11	17 15 28	19°38'02	18°52	11°11	0II23	7°49	9°19	24°13	29°57	25° 4	28°39	4°49	3°14	17°42	20°30	S 11
M12	17 19 25	20°35'22	3♂53	10°48	1°36	8°19	9°11	24°16	29°55	25° 3	28°38	4°47	3°11	17°49	20°33	M12
T 13	17 23 21	21°32'41	19° 7	10°28	2°49	8°49	9° 4	24°18	29°54	25° 1	28°36	4°42	3° 8	17°55	20°36	T 13
W14	17 27 18	22°30'00	4♂24	10°12	4° 2	9°20	8°57	24°20	29°52	25° 0	28°35	4°36	3° 5	18° 2	20°39	W14
T 15	17 31 14	23°27'17	19°32	10° 0	5°15	9°51	8°50	24°22	29°50	24°59	28°33	4°29	3° 2	18° 9	20°42	T 15
F 16	17 35 11	24°24'35	4♂22	9°52	6°29	10°21	8°42	24°24	29°48	24°57	28°32	4°22	2°59	18°15	20°45	F 16
S 17	17 39 8	25°21'51	18°48	9°D49	7°42	10°52	8°35	24°26	29°47	24°56	28°31	4°16	2°55	18°22	20°48	S 17
S 18	17 43 4	26°19'08	2♂44	9°50	8°55	11°24	8°28	24°28	29°45	24°55	28°29	4°11	2°52	18°29	20°51	S 18
M19	17 47 1	27°16'24	16°12	9°55	10° 8	11°55	8°21	24°30	29°43	24°53	28°28	4° 9	2°49	18°35	20°55	M19
T 20	17 50 57	28°13'40	29°13	10° 6	11°21	12°26	8°15	24°32	29°41	24°52	28°26	4°D 8	2°46	18°42	20°58	T 20
W21	17 54 54	29°10'55	11°V50	10°20	12°34	12°58	8° 8	24°33	29°39	24°50	28°25	4° 9	2°43	18°49	21° 2	W21
T 22	17 58 50	0☾ 8'11	24° 9	10°40	13°47	13°30	8° 1	24°35	29°37	24°49	28°24	4°10	2°40	18°55	21° 6	T 22
F 23	18 2 47	1° 5'26	6♂13	11° 4	15° 0	14° 2	7°55	24°36	29°35	24°48	28°22	4°R10	2°36	19° 2	21° 9	F 23
S 24	18 6 43	2° 2'41	18° 9	11°33	16°14	14°34	7°48	24°37	29°33	24°46	28°21	4° 9	2°33	19° 9	21°13	S 24
S 25	18 10 40	2°59'56	29°59	12° 6	17°27	15° 6	7°42	24°39	29°31	24°45	28°20	4° 6	2°30	19°15	21°17	S 25
M26	18 14 36	3°57'11	11II47	12°44	18°40	15°38	7°36	24°40	29°29	24°43	28°18	4° 0	2°27	19°22	21°21	M26
T 27	18 18 33	4°54'25	23°37	13°26	19°53	16°11	7°30	24°41	29°27	24°42	28°17	3°52	2°24	19°29	21°26	T 27
W28	18 22 30	5°51'40	5☾29	14°12	21° 6	16°43	7°24	24°42	29°25	24°40	28°16	3°42	2°20	19°36	21°30	W28
T 29	18 26 26	6°48'54	17°26	15° 3	22°20	17°16	7°18	24°42	29°22	24°39	28°15	3°31	2°17	19°42	21°34	T 29
F 30	18 30 23	7☾46'08	29☾29	15II58	23II33	17♂49	7♂12	24♂43	29♂20	24♂37	28♂14	3♂19	2♂14	19II49	21♂39	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21n57	18n33	4s38	21n19	1s26	15n57	1s22	11n41	1n20	21s14	0n48	4s18	1s59	20s39	0s33	20s32	0n33	6s18	13n56	13s14	12s46	19n17	0n22	3s50	
F 2	22 6	16 56	5 1	20 59	1 43	16 18	1 20	11 29	1 19	21 13	0 48	4 17	1 59	20 39	0 33	20 32	0 33	6 18	13 56	13 12	12 45	19 17	0 22	3 49	
S 3	22 13	14 35	5 10	20 39	2 0	16 39	1 19	11 17	1 18	21 12	0 48	4 16	1 59	20 40	0 33	20 33	0 33	6 18	13 55	13 10	12 44	19 17	0 22	3 49	
S 4	22 21	11 34	5 6	20 19	2 17	17 0	1 17	11 6	1 16	21 11	0 48	4 15	1 59	20 40	0 33	20 33	0 33	6 18	13 55	13 8	12 43	19 17	0 22	3 48	
M 5	22 28	8 0	4 48	19 59	2 33	17 20	1 15	10 54	1 15	21 10	0 48	4 14	2 0	20 40	0 33	20 33	0 33	6 18	13 55	13 7	12 42	19 17	0 22	3 47	
T 6	22 35	4 0	4 15	19 40	2 48	17 40	1 13	10 42	1 14	21 9	0 48	4 13	2 0	20 41	0 33	20 33	0 33	6 17	13 55	13 7	12 41	19 17	0 22	3 46	
W 7	22 41	0s17	3 29	19 22	3 2	17 59	1 12	10 30	1 12	21 8	0 48	4 12	2 0	20 41	0 33	20 33	0 33	6 17	13 55	13 7	12 40	19 17	0 22	3 46	
T 8	22 47	4 42	2 30	19 4	3 16	18 18	1 10	10 18	1 11	21 7	0 47	4 11	2 0	20 41	0 33	20 34	0 33	6 17	13 54	13 7	12 39	19 17	0 22	3 45	
F 9	22 52	9 1	1 20	18 48	3 28	18 36	1 8	10 6	1 10	21 6	0 47	4 11	2 1	20 42	0 33	20 34	0 33	6 17	13 54	13 8	12 38	19 17	0 21	3 44	
S 10	22 57	12 58	0 4	18 33	3 39	18 54	1 6	9 53	1 9	21 5	0 47	4 10	2 1	20 42	0 34	20 34	0 33	6 17	13 54	13 8	12 37	19 17	0 21	3 44	
S 11	23 2	16 13	1n15	18 20	3 49	19 11	1 4	9 41	1 8	21 4	0 47	4 9	2 1	20 42	0 34	20 34	0 33	6 17	13 54	13 8	12 36	19 16	0 21	3 43	
M12	23 6	18 28	2 31	18 9	3 57	19 28	1 2	9 29	1 6	21 3	0 47	4 8	2 1	20 43	0 34	20 35	0 33	6 17	13 53	13 7	12 35	19 16	0 20	3 42	
T 13	23 10	19 24	3 36	17 59	4 5	19 45	1 0	9 16	1 5	21 2	0 47	4 8	2 2	20 43	0 34	20 35	0 33	6 17	13 53	13 5	12 33	19 16	0 20	3 41	
W14	23 14	18 56	4 26	17 51	4 11	20 1	0 58	9 4	1 4	21 1	0 47	4 7	2 2	20 44	0 34	20 35	0 33	6 17	13 53	13 3	12 32	19 16	0 19	3 41	
T 15	23 17	17 7	4 57	17 44	4 15	20 16	0 55	8 51	1 3	21 0	0 46	4 6	2 2	20 44	0 34	20 35	0 33	6 17	13 53	13 1	12 31	19 16	0 19	3 40	
F 16	23 19	14 11	5 8	17 40	4 18	20 31	0 53	8 38	1 2	20 59	0 46	4 6	2 3	20 44	0 34	20 35	0 33	6 17	13 52	12 58	12 30	19 16	0 18	3 39	
S 17	23 21	10 28	4 58	17 38	4 20	20 45	0 51	8 25	1 1	20 59	0 46	4 5	2 3	20 45	0 34	20 36	0 33	6 17	13 52	12 56	12 29	19 16	0 18	3 39	
S 18	23 23	6 17	4 30	17 37	4 21	20 59	0 49	8 12	1 0	20 58	0 46	4 5	2 3	20 45	0 34	20 36	0 33	6 17	13 52	12 55	12 28	19 16	0 17	3 38	
M19	23 25	1 56	3 49	17 39	4 20	21 12	0 47	7 59	0 58	20 57	0 46	4 4	2 3	20 46	0 34	20 36	0 33	6 17	13 51	12 54	12 27	19 16	0 16	3 37	
T 20	23 26	2n23	2 57	17 42	4 19	21 24	0 44	7 46	0 57	20 56	0 46	4 4	2 4	20 46	0 34	20 36	0 33	6 17	13 51	12 54	12 26	19 16	0 16	3 36	
W21	23 26	6 29	1 57	17 46	4 16	21 36	0 42	7 33	0 56	20 55	0 45	4 3	2 4	20 46	0 34	20 37	0 33	6 17	13 51	12 54	12 25	19 16	0 15	3 36	
T 22	23 26	10 12	0 54	17 53	4 12	21 48	0 40	7 20	0 55	20 54	0 45	4 3	2 4	20 47	0 34	20 37	0 33	6 17	13 50	12 54	12 24	19 16	0 14	3 35	
F 23	23 26	13 25	0s11	18 1	4 7	21 59	0 37	7 7	0 54	20 53	0 45	4 3	2 4	20 47	0 34	20 37	0 33	6 17	13 50	12 55	12 23	19 16	0 13	3 34	
S 24	23 25	16 3	1 14	18 10	4 2	22 9	0 35	6 53	0 53	20 52	0 45	4 3	2 5	20 48	0 34	20 37	0 33	6 17	13 50	12 54	12 21	19 16	0 12	3 34	
S 25	23 24	17 58	2 14	18 21	3 55	22 18	0 33	6 40	0 52	20 51	0 45	4 2	2 5	20 48	0 34	20 38	0 33	6 17	13 49	12 53	12 20	19 16	0 11	3 33	
M26	23 23	19 7	3 7	18 33	3 48	22 27	0 30	6 26	0 51	20 51	0 45	4 2	2 5	20 49	0 34	20 38	0 33	6 17	13 49	12 51	12 19	19 16	0 10	3 32	
T 27	23 21	19 25	3 52	18 46	3 40	22 35	0 28	6 13	0 50	20 50	0 44	4 2	2 5	20 49	0 34	20 38	0 33	6 17	13 49	12 48	12 18	19 16	0 9	3 32	
W28	23 18	18 52	4 28	19 1	3 31	22 43	0 25	5 59	0 49	20 49	0 44	4 2	2 6	20 50	0 34	20 39	0 33	6 17	13 48	12 45	12 17	19 15	0 8	3 31	
T 29	23 16	17 29	4 51	19 16	3 22	22 50	0 23	5 46	0 48	20 48	0 44	4 2	2 6	20 50	0 34	20 39	0 33	6 17	13 48	12 41	12 16	19 15	0 7	3 30	
F 30	23n13	15n20	5s 2	19n31	3s12	22n56	0s25	5n32	0n47	20s47	0n44	4s 2	2s 6	20s50	0s34	20s39	0n33	6s18	13n48	12s37	12s15	19n15	0n 6	3s30	

ASTRODIENST EPHEMERIS for the year 1995

geocentric

JULY 1995

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 19	8♂43'21	11♂39	16♂58	24♂46	18♂22	7°R 7	24♂44	29°R18	24°R36	28°R12	3°R 8	2♂11	19♂56	21♂43	S 1
S 2	18 38 16	9°40'34	23°59	18° 1	26° 0	18°55	7♂ 1	24°44	29♂16	24♂34	28♂11	2♂58	2° 8	20° 2	21°48	S 2
M 3	18 42 12	10°37'47	6♂30	19° 9	27°13	19°28	6°56	24°45	29°14	24°33	28°10	2°51	2° 5	20° 9	21°53	M 3
T 4	18 46 9	11°35'00	19°14	20°20	28°26	20° 2	6°51	24°45	29°11	24°31	28° 9	2°47	2° 1	20°16	21°58	T 4
W 5	18 50 6	12°32'12	2♂14	21°36	29°40	20°35	6°46	24°45	29° 9	24°29	28° 8	2°45	1°58	20°22	22° 3	W 5
T 6	18 54 2	13°29'24	15°33	22°55	0♂53	21° 9	6°41	24°R45	29° 7	24°28	28° 7	2°D45	1°55	20°29	22° 8	T 6
F 7	18 57 59	14°26'36	29°14	24°18	2° 6	21°43	6°36	24°45	29° 5	24°26	28° 6	2°R45	1°52	20°36	22°13	F 7
S 8	19 1 55	15°23'47	13♂19	25°46	3°20	22°16	6°31	24°45	29° 2	24°25	28° 5	2°45	1°49	20°42	22°18	S 8
S 9	19 5 52	16°20'59	27°47	27°16	4°33	22°50	6°27	24°45	29° 0	24°23	28° 4	2°43	1°46	20°49	22°23	S 9
M10	19 9 48	17°18'10	12♂36	28°51	5°47	23°24	6°23	24°44	28°58	24°21	28° 3	2°38	1°42	20°56	22°29	M10
T 11	19 13 45	18°15'21	27°39	0♂29	7° 0	23°59	6°19	24°44	28°55	24°20	28° 2	2°31	1°39	21° 2	22°34	T 11
W12	19 17 41	19°12'33	12♂49	2°11	8°14	24°33	6°15	24°44	28°53	24°18	28° 1	2°22	1°36	21° 9	22°40	W12
T 13	19 21 38	20° 9'44	27°55	3°56	9°27	25° 7	6°11	24°43	28°51	24°17	28° 0	2°12	1°33	21°16	22°45	T 13
F 14	19 25 35	21° 6'56	12♂46	5°44	10°41	25°42	6° 7	24°42	28°48	24°15	28° 0	2° 1	1°30	21°23	22°51	F 14
S 15	19 29 31	22° 4'08	27°16	7°35	11°54	26°16	6° 4	24°41	28°46	24°13	27°59	1°52	1°26	21°29	22°57	S 15
S 16	19 33 28	23° 1'20	11♂18	9°30	13° 8	26°51	6° 0	24°40	28°43	24°12	27°58	1°45	1°23	21°36	23° 2	S 16
M17	19 37 24	23°58'33	24°50	11°26	14°21	27°26	5°57	24°39	28°41	24°10	27°57	1°40	1°20	21°43	23° 8	M17
T 18	19 41 21	24°55'47	7°V54	13°26	15°35	28° 1	5°54	24°38	28°39	24° 8	27°57	1°37	1°17	21°49	23°14	T 18
W19	19 45 17	25°53'01	20°34	15°27	16°49	28°36	5°52	24°37	28°36	24° 7	27°56	1°37	1°14	21°56	23°20	W19
T 20	19 49 14	26°50'17	2♂53	17°30	18° 2	29°11	5°49	24°36	28°34	24° 5	27°55	1°36	1°11	22° 3	23°27	T 20
F 21	19 53 10	27°47'32	14°57	19°35	19°16	29°46	5°47	24°34	28°31	24° 4	27°55	1°36	1° 7	22° 9	23°33	F 21
S 22	19 57 7	28°44'49	26°51	21°40	20°30	0♂22	5°44	24°33	28°29	24° 2	27°54	1°34	1° 4	22°16	23°39	S 22
S 23	20 1 4	29°42'06	8♂40	23°47	21°43	0°57	5°42	24°31	28°27	24° 0	27°54	1°30	1° 1	22°23	23°46	S 23
M24	20 5 0	0♂39'25	20°29	25°54	22°57	1°33	5°41	24°30	28°24	23°59	27°53	1°23	0°58	22°29	23°52	M24
T 25	20 8 57	1°36'44	2♂21	28° 2	24°11	2° 8	5°39	24°28	28°22	23°57	27°53	1°14	0°55	22°36	23°59	T 25
W26	20 12 53	2°34'03	14°18	0♂ 9	25°25	2°44	5°37	24°26	28°19	23°56	27°52	1° 2	0°52	22°43	24° 5	W26
T 27	20 16 50	3°31'24	26°24	2°16	26°38	3°20	5°36	24°24	28°17	23°54	27°52	0°49	0°48	22°50	24°12	T 27
F 28	20 20 46	4°28'45	8♂37	4°23	27°52	3°56	5°35	24°22	28°15	23°52	27°51	0°35	0°45	22°56	24°18	F 28
S 29	20 24 43	5°26'07	21° 1	6°28	29° 6	4°32	5°34	24°20	28°12	23°51	27°51	0°22	0°42	23° 3	24°25	S 29
S 30	20 28 39	6°23'29	3♂35	8°33	0♂20	5° 8	5°33	24°18	28°10	23°49	27°51	0°11	0°39	23°10	24°32	S 30
M31	20 32 36	7♂20'52	16♂19	10♂37	1♂34	5♂44	5♂32	24♂15	28♂ 8	23♂48	27♂50	0♂ 3	0♂36	23♂16	24♂39	M31

Day	☉	☽		♂		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	12n29	5s 0	19n48	3s 1	23n 2	0s18	5n18	0n45	20s47	0n44	4s 2	2s 6	20s51	0s34	20s39	0n33	6s18	13n47	12s33	12s14	19n15	0n 5	3s29
S 2	23 5	9 4	4 43	20 4	2 50	23 7	0 16	5 4	0 44	20 46	0 43	4 2	2 7	20 51	0 34	20 40	0 33	6 18	13 47	12 30	12 13	19 15	0 4	3 28
M 3	23 1	5 13	4 13	20 21	2 39	23 11	0 13	4 50	0 43	20 45	0 43	4 2	2 7	20 52	0 34	20 40	0 33	6 18	13 46	12 28	12 12	19 15	0 2	3 28
T 4	22 56	1 3	3 30	20 39	2 27	23 15	0 11	4 36	0 42	20 45	0 43	4 2	2 7	20 52	0 34	20 40	0 33	6 18	13 46	12 26	12 11	19 15	0 1	3 27
W 5	22 51	3s15	2 35	20 56	2 15	23 18	0 8	4 22	0 41	20 44	0 43	4 2	2 8	20 53	0 34	20 40	0 33	6 18	13 46	12 26	12 9	19 15	0s 0	3 27
T 6	22 45	7 30	1 30	21 13	2 2	23 20	0 6	4 8	0 40	20 43	0 43	4 2	2 8	20 53	0 34	20 41	0 33	6 19	13 45	12 25	12 8	19 15	0 2	3 26
F 7	22 39	11 30	0 19	21 29	1 50	23 22	0 3	3 54	0 39	20 43	0 42	4 3	2 8	20 54	0 34	20 41	0 33	6 19	13 45	12 25	12 7	19 14	0 3	3 25
S 8	22 33	14 57	0n56	21 45	1 37	23 23	0 1	3 39	0 38	20 42	0 42	4 3	2 8	20 54	0 34	20 41	0 33	6 19	13 44	12 25	12 6	19 14	0 5	3 25
S 9	22 26	17 34	2 9	22 0	1 24	23 23	0n 2	3 25	0 37	20 42	0 42	4 3	2 9	20 55	0 34	20 42	0 33	6 19	13 44	12 25	12 5	19 14	0 6	3 24
M10	22 19	19 5	3 15	22 15	1 11	23 23	0 4	3 11	0 36	20 41	0 42	4 4	2 9	20 55	0 34	20 42	0 33	6 19	13 44	12 23	12 4	19 14	0 8	3 23
T 11	22 12	19 17	4 8	22 28	0 58	23 22	0 7	2 56	0 36	20 41	0 42	4 4	2 9	20 56	0 34	20 42	0 33	6 20	13 43	12 21	12 3	19 14	0 9	3 23
W12	22 4	18 6	4 44	22 40	0 46	23 20	0 9	2 42	0 35	20 40	0 41	4 4	2 9	20 56	0 34	20 42	0 33	6 20	13 43	12 18	12 2	19 14	0 11	3 22
T 13	21 55	15 40	5 0	22 50	0 33	23 17	0 11	2 27	0 34	20 40	0 41	4 5	2 10	20 57	0 34	20 43	0 33	6 20	13 42	12 14	12 1	19 14	0 13	3 22
F 14	21 47	12 14	4 56	22 58	0 20	23 14	0 14	2 13	0 33	20 39	0 41	4 5	2 10	20 57	0 34	20 43	0 33	6 20	13 42	12 11	12 0	19 14	0 14	3 21
S 15	21 38	8 9	4 33	23 5	0 8	23 10	0 16	1 58	0 32	20 39	0 41	4 6	2 10	20 58	0 34	20 43	0 33	6 21	13 41	12 7	11 58	19 13	0 16	3 20
S 16	21 28	3 44	3 53	23 9	0n 4	23 6	0 19	1 43	0 31	20 39	0 40	4 7	2 10	20 58	0 34	20 44	0 33	6 21	13 41	12 5	11 57	19 13	0 18	3 20
M17	21 19	0n44	3 2	23 12	0 15	23 1	0 21	1 29	0 30	20 38	0 40	4 7	2 11	20 59	0 34	20 44	0 33	6 21	13 40	12 3	11 56	19 13	0 20	3 19
T 18	21 9	5 0	2 2	23 12	0 26	22 55	0 23	1 14	0 29	20 38	0 40	4 8	2 11	20 59	0 34	20 44	0 33	6 22	13 40	12 2	11 55	19 13	0 21	3 19
W19	20 58	8 56	0 58	23 9	0 36	22 48	0 26	0 59	0 28	20 38	0 40	4 9	2 11	21 0	0 34	20 45	0 33	6 22	13 40	12 2	11 54	19 13	0 23	3 18
T 20	20 47	12 22	0s 7	23 3	0 46	22 41	0 28	0 44	0 27	20 37	0 40	4 9	2 11	21 0	0 34	20 45	0 33	6 22	13 39	12 2	11 53	19 13	0 25	3 17
F 21	20 36	15 12	1 10	22 55	0 55	22 33	0 30	0 29	0 26	20 37	0 39	4 10	2 12	21 1	0 34	20 45	0 33	6 23	13 39	12 2	11 52	19 12	0 27	3 17
S 22	20 25	17 21	2 9	22 45	1 4	22 24	0 32	0 15	0 25	20 37	0 39	4 11	2 12	21 1	0 34	20 45	0 33	6 23	13 38	12 1	11 51	19 12	0 29	3 16
S 23	20 13	18 44	3 3	22 31	1 12	22 15	0 35	0s 0	0 24	20 37	0 39	4 12	2 12	21 2	0 34	20 46	0 33	6 23	13 38	12 0	11 50	19 12	0 31	3 16
M24	20 0	19 19	3 48	22 15	1 19	22 5	0 37	0 15	0 23	20 37	0 39	4 13	2 12	21 2	0 34	20 46	0 33	6 24	13 37	11 57	11 49	19 12	0 33	3 15
T 25	19 48	19 2	4 23	21 56	1 25	21 55	0 39	0 30	0 23	20 37	0 39	4 14	2 13	21 3	0 34	20 46	0 33	6 24	13 37	11 54	11 47	19 12	0 35	3 15
W26	19 35	17 54	4 47	21 35	1 30	21 44	0 41	0 45	0 22	20 37	0 38	4 15	2 13	21 3	0 34	20 47	0 33	6 24	13 36	11 50	11 46	19 12	0 37	3 14
T 27	19 22	15 59	4 59	21 12	1 35	21 32	0 43	1 0	0 21	20 37	0 38	4 16	2 13	21 4	0 34	20 47	0 33	6 25	13 36	11 45	11 45	19 11	0 39	3 14
F 28	19 8	13 19	4 57	20 46	1 39	21 19	0 45	1 15	0 20	20 37	0 38	4 17	2 13	21 4	0 34	20 47	0 33	6 25	13 35	11 41	11 44	19 11	0 42	3 13
S 29	18 55	10 3	4 41	20 18	1 42	21 6	0 47	1 31	0 19	20 37	0 38	4 18	2 14	21 5	0 34	20 47	0 33	6 26	13 35	11 36	11 43	19 11	0 44	3 13
S 30	18 40	6 17	4 11	19 48	1 44	20 53	0 49	1 46	0 18	20 37	0 37	4 19	2 14	21 5	0 34	20 48	0 33	6 26	13 34	11 32	11 42	19 11	0 46	3 12
M31	18n26	2n12	3s29	19n16	1n46	20n38	0n51	2s 1	0n17	20s37	0n37	4s20	2s14	21s 6	0s34	20s48	0n33	6s27	13n34	11s29	11s41	19n11	0s48	3s11

ASTRODIENST EPHEMERIS for the year 1995

geocentric

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	2♌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	lat
T 1	18n11	2s 4	2s35	18n42	1n46	20n23	0n53	2s16	0n16	20s37	0n37	4s21	2s14	21s 6	0s34	20s48
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
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
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
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
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
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
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
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
T 10	15 46	13 49	4 59	12 50	1 26	17 44	1 8	4 43	0 9	20 40	0 35	4 33	2 16	21 10	0 34	20 51
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
T 31	8n53	12s54	0n47	2s 3	1s 9	9n10	1n25	9s52	0s 7	20s56	0n31	5s 8	2s20	21s18	0s34	20s56

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

ASTRODIENST EPHEMERIS for the year 1995

geocentric

SEPTEMBER 1995

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 46	8 ^h 6'18"	20 ^m 9	3 ^s 46	11 ^m 7	25 ^s 52	6 ^h 49	22°R22	27°R 2	23°R 5	27 ^m 58	27 ^s 35	28 ^m 54	26 ^s 51	28 ^m 47	F 1
S 2	22 42 42	9° 4'22"	4 ^s 7	5° 0	12°21	26°31	6°54	22 ^h 18	27 ^h 0	23 ^h 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 ^s 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 ^s 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 ^m 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 ^h 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 ^h 3	S 10
M 11	23 18 11	17°47'57"	10 ^h 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	M 11
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
W 13	23 26 4	19°44'37"	6 ^h 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	W 13
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 ^h 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 ^h 59	6°28	8°30	21° 9	26°41	22°52	28°15	27°R 1	28° 3	28°38	1° 4	S 17
M 18	23 45 47	24°36'55"	6 ^h 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	M 18
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
W 20	23 53 40	26°34'05"	0 ^h 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	W 20
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 ^h 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 ^h 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
M 25	0 13 23	1°27'37"	5 ^h 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	M 25
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
W 27	0 21 16	3°25'16"	2 ^h 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	W 27
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 ^h 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 ^h 21'59"	15 ^h 5	16°46	17° 9	15 ^m 20	10 ^h 18	20 ^h 11	26°33	22°47	28 ^m 34	26°37	27°22	0 ^h 5	2°57	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	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	F 1
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	S 2
S 3	7 48	18 57	3 59	3 37	1 36	7 45	1 25	10 37	0 9	20 59	0 30	5 14	2 20	21 19	0 34	S 3
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	M 4
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	T 5
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	W 6
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	T 7
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	F 8
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	S 9
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	S 10
M 11	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	M 11
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	T 12
W 13	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	W 13
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	T 14
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	F 15
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	S 16
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	S 17
M 18	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	M 18
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	T 19
W 20	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	W 20
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	T 21
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	F 22
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	2 21	21 23	0 34	S 23
S 24	0s11	0 31	3 0	11 25	3 53	2 46	1 10	15 34	0 24	21 26	0 26	5 53	2 21	21 23	0 34	S 24
M 25	0 35	3s49	1 55	11 19	3 52	3 16	1 9	15 47	0 24	21 27	0 26	5 54	2 21	21 23	0 34	M 25
T 26	0 58	8 2	0 42	11 9	3 50	3 47	1 8	16 1	0 25	21 28	0 26	5 56	2 21	21 23	0 34	T 26
W 27	1 22	11 53	0n34	10 54	3 46	4 17	1 6	16 14	0 26	21 30	0 26	5 58	2 21	21 23	0 34	W 27
T 28	1 45	15 6	1 49	10 35	3 41	4 47	1 5	16 27	0 26	21 31	0 26	6 0	2 21	21 23	0 34	T 28
F 29	2 8	17 26	2 58	10 12	3 34	5 17	1 3	16 39	0 27	21 33	0 26	6 1	2 21	21 24	0 34	F 29
S 30	2s32	18s41	3n57	9s44	3s25	5s48	1n 1	16s52	0s27	21s34	0n25	6s 3	2s21	21s24	0s34	S 30

Julian Day Number = 2449961.5, Delta T = 61.36 sec

Ecliptic obliquity = 23°26'16", Nutation = 0°00'09", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°40'47", Lahiri = 23°47'48"

ASTRODIENST EPHEMERIS for the year 1995

geocentric

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♂2	26♂32	22♂47	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
W11	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	W11
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
M16	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	M16
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
W18	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	W18
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
M23	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	M23
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
W25	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	W25
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♂3	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
M30	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	M30
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	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	2s55	18s46	4n41	9s12	3s14	6s18	1n 0	17s 5	0s28	21s36	0n25	6s 5	2s21	21s24	0s34	21s 0
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
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
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
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
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
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
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
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
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
W11	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
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
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
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
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
M16	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
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
W18	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
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
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
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
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
M23	11 9	6 26	1 11	2 36	2 2	16 22	0 12	21 8	0 41	22 9	0 22	6 35	2 19	21 22	0 33	20 59
T 24	11 30	10 31	0n 6	3 4	2 4	16 46	0 10	21 17	0 41	22 10	0 22	6 36	2 19	21 22	0 33	20 59
W25	11 51	14 4	1 24	3 34	2 5	17 9	0 7	21 26	0 42	22 11	0 22	6 37	2 19	21 22	0 33	20 59
T 26	12 12	16 47	2 38	4 6	2 5	17 32	0 5	21 34	0 42	22 13	0 22	6 38	2 19	21 21	0 33	20 59
F 27	12 33	18 25	3 42	4 40	2 4	17 54	0 2	21 43	0 43	22 14	0 22	6 39	2 19	21 21	0 33	20 59
S 28	12 53	18 50	4 32	5 16	2 3	18 16	0s 0	21 51	0 43	22 16	0 21	6 40	2 19	21 21	0 33	20 59
S 29	13 13	18 0	5 4	5 53	2 1	18 38	0 3	22 0	0 44	22 17	0 21	6 41	2 18	21 21	0 33	20 59
M30	13 33	16 2	5 17	6 30	1 58	18 59	0 6	22 8	0 44	22 19	0 21	6 41	2 18	21 20	0 33	20 59
T 31	13s53	13s 8	5n10	7s 9	1n54	19s19	0s 8	22s16	0s45	22s20	0n21	6s42	2s18	21s20	0s33	20s59

Julian Day Number = 2449991.5, Delta T = 61.42 sec
 Ecliptic obliquity = 23°26'16, Nutation = 0°00'08, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°40'51, Lahiri = 23°47'52

ASTRODIENST EPHEMERIS for the year 1995
geocentric

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♋20	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♊ 3	27°44	23°37	0♌46	25°D46	24° 8	6°55	10°59	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
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
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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 32	20 53	0 30	7 44	12 49	9 58	9 24	18 22	6 43	2 40
W29	21 21	6 35	4 8	22 56	1 4	24 43	1 18	24 22	0 56	22 54	0 18	6 46	2 13	21 9	0 32	20 53	0 30	7 44	12 49	9 57	9 23	18 21	6 45	2 40
T 30	21s32	2s20	3n18	23s15	1s10	24s44	1s20	24s23	0s57	22s55	0n18	6s46	2s13	21s 8	0s32	20s53	0n30	7s45	12n49	9s57	9s22	18n21	6s48	2s40

ASTRODIENST EPHEMERIS for the year 1995
geocentric

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♊23	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♊43	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°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
M 11	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	M 11
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
W 13	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	W 13
T 14	5 28 47	21°30'14	7♎25	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
M 18	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	M 18
T 19	5 48 30	26°35'33	13♌27	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
W 20	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	W 20
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♊40'03	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
M 25	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	M 25
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
W 27	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	W 27
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	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	decl	decl	decl	decl	decl	decl	decl	decl
F 1	21s41	1n55	2n18	23s33	1s15	24s44	1s22	24s23	0s57	22s56	0n18	6s45	2s13	21s 8	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	0 32	20 46	0 30	7 54	12 51	9 20	8 55	18 6	7 35	2 39										
S 24	23 26	15 28	5 1	24 20	2 9	21 18	1 49	23 16	1 3	23 10	0 15	6 21	2 8	20 54	0 32	20 45	0 30	7 54	12 51	9 16	8 53	18 6	7 37	2 39										
M25	23 25	12 8	4 44	24 4	2 6	21 1	1 49	23 10	1 3	23 10	0 15	6 20	2 8	20 53	0 32	20 45	0 29	7 54	12 51	9 13	8 52	18 5	7 38	2 39										
T 26	23 23	8 9	4 9	23 47	2 3	20 44	1 49	23 4	1 3	23 10	0 15	6 18	2 8	20 53	0 32	20 45	0 29	7 54	12 51	9 10	8 51	18 4	7 40	2 39										
W27	23 21	3 49	3 20	23 29	1 58	20 25	1 49	22 57	1 4	23 10	0 15	6 17	2 8	20 52	0 32	20 44	0 29	7 55	12 51	9 9	8 50	18 4	7 41	2 39										
T 28	23 19	0n35	2 20	23 10	1 53	20 7	1 50	22 50	1 4	23 11	0 15	6 15	2 8	20 51	0 32	20 44	0 29	7 55	12 51	9 8	8 49	18 3	7 43	2 39										
F 29	23 16	4 48	1 15	22 49	1 47	19 47	1 50	22 43	1 4	23 11	0 15	6 14	2 7	20 51	0 32	20 43	0 29	7 55	12 51	9 8	8 47	18 2	7 44	2 39										
S 30	23 12	8 42	0 8	22 28	1 41	19 27	1 50	22 36	1 4	23 11	0 15	6 12	2 7	20 50	0 32	20 43	0 29	7 55	12 52	9 8	8 46	18 2	7 46	2 39										
S 31	23s 9	12n 6	0s58	22s 5	1s33	19s 7	1s49	22s28	1s 4	23s11	0n15	6s10	2s 7	20s49	0s32	20s43	0n29	7s55	12n52	9s 8	8s45	18n 1	7s47	2s39										