



Astrodienst Ephemeris Tables for the year 1975

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 1975
geocentric

JANUARY 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 40 6	9°56'04	19°01'11	17°33'3	23°23'23	14°58'58	13°19'19	15°R52	11°53'53	10°27'26	9°13'13	9°R57	8°36'36	26°22'2	19°D57	W 1
T 2	6 44 3	10°57'13	3°05'57	18°40'40	24°38'38	15°41'41	13°29'29	15°04'48	1°55'55	10°28'28	9°14'14	9°53'53	8°33'33	26°8'8	19°Y57	T 2
F 3	6 47 59	11°58'21	18°30'30	20°18'18	25°53'53	16°24'24	13°39'39	15°43'43	1°56'56	10°30'30	9°14'14	9°50'50	8°29'29	26°15'15	19°57'57	F 3
S 4	6 51 56	12°59'30	2°04'44	21°56'56	27°9'9	17°7'7	13°50'50	15°38'38	1°58'58	10°32'32	9°14'14	9°48'48	8°26'26	26°22'22	19°57'57	S 4
S 5	6 55 52	14°0'39	16°38'38	23°35'35	28°24'24	17°50'50	14°0'0	15°33'33	2°0'0	10°34'34	9°15'15	9°D47	8°23'23	26°29'29	19°58'58	S 5
M 6	6 59 49	15°1'48	0°11'12	25°13'13	29°39'39	18°33'33	14°11'11	15°28'28	2°2'2	10°36'36	9°15'15	9°48'48	8°20'20	26°35'35	19°58'58	M 6
T 7	7 3 46	16°2'58	13°28'28	26°52'52	0°54'54	19°16'16	14°21'21	15°23'23	2°3'3	10°38'38	9°15'15	9°50'50	8°17'17	26°42'42	19°58'58	T 7
W 8	7 7 42	17°4'08	26°27'27	28°30'30	2°10'10	20°0'0	14°32'32	15°18'18	2°5'5	10°40'40	9°15'15	9°51'51	8°14'14	26°49'49	19°59'59	W 8
T 9	7 11 39	18°5'18	9°12'12	0°8'8	3°25'25	20°43'43	14°43'43	15°13'13	2°7'7	10°42'42	9°15'15	9°R52	8°10'10	26°55'55	19°59'59	T 9
F 10	7 15 35	19°6'28	21°45'45	1°46'46	4°40'40	21°26'26	14°54'54	15°8'8	2°8'8	10°44'44	9°15'15	9°51'51	8°7'7	27°2'2	20°0'0	F 10
S 11	7 19 32	20°7'37	4°38'8	3°24'24	5°55'55	22°10'10	15°5'5	15°3'3	2°10'10	10°45'45	9°15'15	9°48'48	8°4'4	27°9'9	20°0'0	S 11
S 12	7 23 28	21°8'47	16°22'22	5°1'1	7°10'10	22°53'53	15°17'17	14°58'58	2°11'11	10°47'47	9°R15	9°44'44	8°1'1	27°16'16	20°1'1	S 12
M13	7 27 25	22°9'56	28°28'28	6°38'38	8°26'26	23°37'37	15°28'28	14°53'53	2°12'12	10°49'49	9°15'15	9°37'37	7°58'58	27°22'22	20°1'1	M13
T 14	7 31 21	23°11'05	10°28'28	8°13'13	9°41'41	24°20'20	15°39'39	14°48'48	2°14'14	10°51'51	9°15'15	9°28'28	7°55'55	27°29'29	20°2'2	T 14
W15	7 35 18	24°12'13	22°23'23	9°48'48	10°56'56	25°4'4	15°51'51	14°43'43	2°15'15	10°53'53	9°15'15	9°19'19	7°51'51	27°36'36	20°3'3	W15
T 16	7 39 15	25°13'21	4°15'15	11°21'21	12°11'11	25°47'47	16°2'2	14°39'39	2°16'16	10°54'54	9°15'15	9°10'10	7°48'48	27°42'42	20°4'4	T 16
F 17	7 43 11	26°14'28	16°6'6	12°52'52	13°26'26	26°31'31	16°14'14	14°34'34	2°17'17	10°56'56	9°15'15	9°2'2	7°45'45	27°49'49	20°5'5	F 17
S 18	7 47 8	27°15'35	27°59'59	14°21'21	14°41'41	27°14'14	16°26'26	14°29'29	2°18'18	10°58'58	9°15'15	8°56'56	7°42'42	27°56'56	20°6'6	S 18
S 19	7 51 4	28°16'40	9°58'58	15°47'47	15°56'56	27°58'58	16°38'38	14°24'24	2°19'19	11°0'0	9°14'14	8°51'51	7°39'39	28°3'3	20°7'7	S 19
M20	7 55 1	29°17'45	22°6'6	17°10'10	17°11'11	28°42'42	16°50'50	14°19'19	2°20'20	11°1'1	9°14'14	8°49'49	7°35'35	28°9'9	20°8'8	M20
T 21	7 58 57	0°18'49	4°38'38	18°29'29	18°27'27	29°26'26	17°2'2	14°15'15	2°21'21	11°3'3	9°14'14	8°D49	7°32'32	28°16'16	20°9'9	T 21
W22	8 2 54	1°19'52	17°13'13	19°44'44	19°42'42	0°38'38	17°14'14	14°10'10	2°22'22	11°4'4	9°14'14	8°50'50	7°29'29	28°23'23	20°10'10	W22
T 23	8 6 50	2°20'54	0°11'21	20°53'53	20°57'57	0°53'53	17°26'26	14°6'6	2°23'23	11°6'6	9°13'13	8°51'51	7°26'26	28°29'29	20°11'11	T 23
F 24	8 10 47	3°21'55	13°56'56	21°56'56	22°12'12	1°37'37	17°39'39	14°1'1	2°24'24	11°8'8	9°13'13	8°R51	7°23'23	28°36'36	20°12'12	F 24
S 25	8 14 44	4°22'56	28°0'0	22°53'53	23°27'27	2°21'21	17°51'51	13°57'57	2°24'24	11°9'9	9°12'12	8°50'50	7°20'20	28°43'43	20°14'14	S 25
S 26	8 18 40	5°23'55	12°33'33	23°42'42	24°41'41	3°5'5	18°4'4	13°52'52	2°25'25	11°11'11	9°12'12	8°46'46	7°16'16	28°50'50	20°15'15	S 26
M27	8 22 37	6°24'53	27°29'29	24°23'23	25°56'56	3°49'49	18°16'16	13°48'48	2°26'26	11°12'12	9°11'11	8°39'39	7°13'13	28°56'56	20°16'16	M27
T 28	8 26 33	7°25'50	12°04'04	24°54'54	27°11'11	4°33'33	18°29'29	13°43'43	2°26'26	11°14'14	9°11'11	8°31'31	7°10'10	29°3'3	20°18'18	T 28
W29	8 30 30	8°26'47	2°57'57	25°15'15	28°26'26	5°17'17	18°42'42	13°39'39	2°27'27	11°15'15	9°10'10	8°21'21	7°7'7	29°10'10	20°19'19	W29
T 30	8 34 26	9°27'42	13°07'07	25°R25	29°41'41	6°1'1	18°55'55	13°35'35	2°27'27	11°16'16	9°10'10	8°12'12	7°4'4	29°17'17	20°21'21	T 30
F 31	8 38 23	10°28'37	28°02'02	25°25'25	0°56'56	6°38'38	19°18'18	13°31'31	2°27'27	11°16'16	9°10'10	8°12'12	7°4'4	29°17'17	20°21'21	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23s 4	10n26	4s52	24s27	2s 6	22s38	1s14	22s48	0s12	7s38	1s10	22n 6	0s24	11s38	0n32	20s30
T 2	22 59	5 14	5 11	24 15	2 8	22 26	1 15	22 53	0 13	7 34	1 10	22 7	0 24	11 38	0 32	20 31
F 3	22 54	0s11	5 9	24 1	2 8	22 14	1 17	22 58	0 14	7 30	1 10	22 7	0 24	11 39	0 32	20 31
S 4	22 48	5 29	4 48	23 46	2 9	22 1	1 18	23 3	0 14	7 26	1 9	22 8	0 24	11 39	0 32	20 31
S 5	22 42	10 23	4 10	23 30	2 9	21 47	1 20	23 8	0 15	7 22	1 9	22 9	0 24	11 40	0 32	20 32
M 6	22 36	14 39	3 19	23 12	2 8	21 33	1 21	23 12	0 16	7 17	1 9	22 9	0 24	11 41	0 32	20 32
T 7	22 29	18 5	2 19	22 52	2 7	21 18	1 22	23 17	0 16	7 13	1 9	22 10	0 23	11 41	0 32	20 32
W 8	22 21	20 32	1 12	22 31	2 5	21 2	1 23	23 21	0 17	7 9	1 9	22 11	0 23	11 42	0 32	20 32
T 9	22 13	21 53	0 4	22 8	2 3	20 46	1 24	23 24	0 18	7 5	1 9	22 11	0 23	11 42	0 32	20 33
F 10	22 5	22 7	1n 4	21 44	2 1	20 29	1 25	23 28	0 18	7 0	1 9	22 12	0 23	11 43	0 32	20 33
S 11	21 56	21 15	2 8	21 18	1 57	20 11	1 26	23 31	0 19	6 56	1 9	22 13	0 23	11 43	0 32	20 33
S 12	21 47	19 23	3 5	20 51	1 53	19 53	1 27	23 35	0 20	6 51	1 8	22 13	0 23	11 44	0 32	20 33
M13	21 37	16 40	3 52	20 22	1 49	19 35	1 28	23 37	0 20	6 47	1 8	22 14	0 23	11 44	0 32	20 33
T 14	21 27	13 17	4 29	19 53	1 43	19 15	1 29	23 40	0 21	6 42	1 8	22 15	0 23	11 44	0 32	20 34
W15	21 16	9 24	4 54	19 22	1 37	18 56	1 30	23 43	0 22	6 38	1 8	22 15	0 23	11 45	0 32	20 34
T 16	21 6	5 12	5 6	18 50	1 31	18 35	1 30	23 45	0 22	6 33	1 8	22 16	0 22	11 45	0 32	20 34
F 17	20 54	0 48	5 5	18 17	1 23	18 15	1 31	23 47	0 23	6 28	1 8	22 17	0 22	11 46	0 32	20 34
S 18	20 43	3n39	4 51	17 43	1 14	17 53	1 32	23 48	0 24	6 24	1 8	22 17	0 22	11 46	0 32	20 35
S 19	20 30	7 59	4 24	17 8	1 5	17 31	1 32	23 50	0 24	6 19	1 8	22 18	0 22	11 46	0 32	20 35
M20	20 18	12 5	3 44	16 34	0 55	17 9	1 32	23 51	0 25	6 14	1 7	22 18	0 22	11 47	0 33	20 35
T 21	20 5	15 45	2 54	15 59	0 43	16 46	1 33	23 52	0 26	6 9	1 7	22 19	0 22	11 47	0 33	20 35
W22	19 52	18 48	1 54	15 24	0 31	16 23	1 33	23 53	0 26	6 4	1 7	22 20	0 22	11 47	0 33	20 35
T 23	19 38	20 58	0 46	14 50	0 18	15 59	1 33	23 53	0 27	5 59	1 7	22 20	0 22	11 47	0 33	20 35
F 24	19 24	22 1	0s27	14 16	0 4	15 35	1 33	23 54	0 28	5 55	1 7	22 21	0 21	11 48	0 33	20 36
S 25	19 10	21 45	1 41	13 44	0n10	15 11	1 33	23 54	0 28	5 50	1 7	22 22	0 21	11 48	0 33	20 36
S 26	18 55	20 2	2 50	13 13	0 26	14 46	1 33	23 53	0 29	5 45	1 7	22 22	0 21	11 48	0 33	20 36
M27	18 40	16 55	3 50	12 44	0 42	14 20	1 33	23 53	0 30	5 40	1 7	22 23	0 21	11 48	0 33	20 36
T 28	18 25	12 37	4 34	12 18	0 59	13 54	1 33	23 52	0 31	5 35	1 7	22 23	0 21	11 48	0 33	20 36
W29	18 9	7 30	4 59	11 55	1 16	13 28	1 33	23 51	0 31	5 30	1 6	22 24	0 21	11 49	0 33	20 37
T 30	17 53	1 58	5 3	11 34	1 34	13 2	1 33	23 50	0 32	5 24	1 6	22 24	0 21	11 49	0 33	20 37
F 31	17s37	3s35	4s46	11s18	1n51	12s35	1s32	23s49	0s33	5s19	1s 6	22n25	0s21	11s49	0n33	20s37

Julian Day Number = 2442413.5, Delta T = 45.48 sec
Ecliptic obliquity = 23°26'29", Nutation = 0°00'17", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°23'28", Lahiri = 23°30'28"

ASTRODIENST EPHEMERIS for the year 1975

geocentric

FEBRUARY 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 42 19	11 ²⁹ 31	12 ²³ 33	25°R13	2 ¹¹ 11	7 ²⁸ 29	19 ¹⁸ 20	13°R27	2 ¹¹ 28	11 ²¹ 19	9°R 8	7°R58	6 ²⁷ 57	29 ²⁸ 30	20 ²⁰ 24	S 1
S 2	8 46 16	12°30'24	26°37	24 ²⁸ 50	3°25	8°14	19°33	13 ²⁸ 23	2°28	11°21	9 ²¹ 8	7 ²⁷ 55	6°54	29°37	20°26	S 2
M 3	8 50 13	13°31'17	10 ¹¹ 15	24°16	4°40	8°58	19°46	13°19	2°28	11°22	9° 7	7°D54	6°51	29°43	20°28	M 3
T 4	8 54 9	14°32'09	23°27	23°32	5°55	9°42	20° 0	13°15	2°28	11°23	9° 6	7°54	6°48	29°50	20°30	T 4
W 5	8 58 6	15°33'00	6 ²⁷ 18	22°39	7°10	10°26	20°13	13°11	2°28	11°24	9° 5	7°R54	6°45	29°57	20°31	W 5
T 6	9 2 2	16°33'50	18°51	21°39	8°24	11°11	20°26	13° 7	2°R28	11°26	9° 5	7°54	6°41	0 ¹¹ 4	20°33	T 6
F 7	9 5 59	17°34'39	1 ²⁸ 10	20°33	9°39	11°55	20°39	13° 4	2°28	11°27	9° 4	7°51	6°38	0°10	20°35	F 7
S 8	9 9 55	18°35'27	13°20	19°23	10°54	12°40	20°53	13° 0	2°28	11°28	9° 3	7°46	6°35	0°17	20°37	S 8
S 9	9 13 52	19°36'14	25°22	18°12	12° 8	13°24	21° 6	12°57	2°28	11°29	9° 2	7°38	6°32	0°24	20°39	S 9
M10	9 17 49	20°37'00	7 ²⁸ 20	17° 0	13°23	14° 9	21°20	12°53	2°28	11°30	9° 1	7°26	6°29	0°31	20°41	M10
T 11	9 21 45	21°37'45	19°14	15°51	14°37	14°53	21°33	12°50	2°28	11°31	9° 0	7°13	6°26	0°37	20°44	T 11
W12	9 25 42	22°38'28	1 ¹¹ 7	14°45	15°52	15°38	21°47	12°47	2°28	11°32	8°59	6°59	6°22	0°44	20°46	W12
T 13	9 29 38	23°39'09	12°59	13°45	17° 7	16°22	22° 0	12°43	2°27	11°33	8°58	6°44	6°19	0°51	20°48	T 13
F 14	9 33 35	24°39'50	24°51	12°50	18°21	17° 7	22°14	12°40	2°27	11°34	8°57	6°31	6°16	0°57	20°50	F 14
S 15	9 37 31	25°40'29	6 ²⁷ 47	12° 3	19°35	17°51	22°28	12°37	2°26	11°35	8°56	6°20	6°13	1° 4	20°53	S 15
S 16	9 41 28	26°41'06	18°47	11°23	20°50	18°36	22°42	12°35	2°26	11°36	8°55	6°12	6°10	1°11	20°55	S 16
M17	9 45 24	27°41'41	0 ¹¹ 57	10°51	22° 4	19°21	22°56	12°32	2°25	11°37	8°54	6° 6	6° 6	1°18	20°57	M17
T 18	9 49 21	28°42'15	13°18	10°26	23°18	20° 6	23° 9	12°29	2°25	11°38	8°52	6° 4	6° 3	1°24	21° 0	T 18
W19	9 53 17	29°42'47	25°56	10° 9	24°33	20°50	23°23	12°27	2°24	11°38	8°51	6° 3	6° 0	1°31	21° 2	W19
T 20	9 57 14	0 ¹¹ 43'17	8 ²⁸ 56	10° 0	25°47	21°35	23°37	12°24	2°23	11°39	8°50	6° 3	5°57	1°38	21° 5	T 20
F 21	10 1 11	1°43'46	22°21	9°D58	27° 1	22°20	23°51	12°22	2°22	11°40	8°49	6° 3	5°54	1°44	21° 7	F 21
S 22	10 5 7	2°44'12	6 ²⁸ 15	10° 2	28°15	23° 5	24° 5	12°20	2°21	11°41	8°48	6° 0	5°51	1°51	21°10	S 22
S 23	10 9 4	3°44'37	20°38	10°13	29°30	23°50	24°19	12°17	2°21	11°41	8°46	5°55	5°47	1°58	21°13	S 23
M24	10 13 0	4°45'00	5 ¹¹ 29	10°31	0 ¹¹ 44	24°35	24°33	12°15	2°20	11°42	8°45	5°48	5°44	2° 5	21°15	M24
T 25	10 16 57	5°45'20	20°39	10°53	1°58	25°19	24°48	12°13	2°19	11°43	8°44	5°37	5°41	2°11	21°18	T 25
W26	10 20 53	6°45'39	6 ¹¹ 1	11°21	3°12	26° 4	25° 2	12°11	2°18	11°43	8°42	5°26	5°38	2°18	21°21	W26
T 27	10 24 50	7°45'57	21°22	11°54	4°26	26°49	25°16	12°10	2°17	11°44	8°41	5°15	5°35	2°25	21°23	T 27
F 28	10 28 46	8 ¹¹ 46'12	6 ²⁸ 30	12 ²⁸ 31	5 ¹¹ 39	27 ²⁸ 34	25 ¹¹ 30	12 ²⁸ 8	2 ¹¹ 15	11 ²¹ 44	8 ²⁸ 40	5 ¹¹ 5	5 ²¹ 32	2 ¹¹ 32	21 ¹¹ 26	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s20	8s48	4s11	11s 6	2n 9	12s 8	1s32	23s47	0s33	5s14	1s 6	22n25	0s20	11s49	0n33	20s37	1n32	12n 3	17n 3	21s38	21s28	6s52	8n37	0n42			
S 2	17 3	13 24	3 21	10 58	2 25	11 40	1 31	23 45	0 34	5 9	1 6	22 26	0 20	11 49	0 33	20 37	1 32	12 3	17 4	21 38	21 28	6 49	8 37	0 41			
M 3	16 46	17 8	2 22	10 54	2 41	11 12	1 31	23 43	0 35	5 4	1 6	22 26	0 20	11 49	0 33	20 37	1 32	12 4	17 4	21 38	21 27	6 47	8 38	0 41			
T 4	16 28	19 52	1 16	10 55	2 56	10 44	1 30	23 41	0 35	4 58	1 6	22 27	0 20	11 49	0 33	20 37	1 32	12 5	17 5	21 38	21 27	6 45	8 39	0 41			
W 5	16 11	21 30	0 9	10 59	3 9	10 16	1 29	23 38	0 36	4 53	1 6	22 27	0 20	11 49	0 33	20 37	1 32	12 6	17 5	21 38	21 26	6 42	8 39	0 41			
T 6	15 52	22 1	0n58	11 8	3 20	9 47	1 29	23 35	0 37	4 48	1 6	22 28	0 20	11 49	0 33	20 38	1 32	12 6	17 6	21 38	21 26	6 40	8 40	0 41			
F 7	15 34	21 26	2 0	11 20	3 29	9 18	1 28	23 32	0 38	4 43	1 6	22 28	0 20	11 49	0 33	20 38	1 33	12 7	17 6	21 37	21 25	6 37	8 40	0 41			
S 8	15 15	19 51	2 56	11 36	3 35	8 49	1 27	23 28	0 38	4 37	1 6	22 29	0 20	11 49	0 33	20 38	1 33	12 8	17 7	21 36	21 25	6 35	8 41	0 41			
S 9	14 56	17 24	3 43	11 53	3 40	8 20	1 26	23 25	0 39	4 32	1 6	22 29	0 19	11 49	0 33	20 38	1 33	12 9	17 7	21 35	21 24	6 32	8 42	0 41			
M10	14 37	14 14	4 20	12 13	3 42	7 50	1 25	23 21	0 40	4 27	1 5	22 30	0 19	11 49	0 33	20 38	1 33	12 10	17 8	21 33	21 24	6 30	8 42	0 41			
T 11	14 18	10 32	4 46	12 34	3 41	7 21	1 24	23 17	0 40	4 21	1 5	22 30	0 19	11 49	0 33	20 38	1 33	12 10	17 8	21 31	21 23	6 28	8 43	0 41			
W12	13 58	6 26	4 58	12 56	3 38	6 51	1 23	23 12	0 41	4 16	1 5	22 31	0 19	11 49	0 33	20 38	1 33	12 11	17 9	21 29	21 22	6 25	8 44	0 40			
T 13	13 38	2 6	4 58	13 17	3 33	6 20	1 21	23 8	0 42	4 10	1 5	22 31	0 19	11 48	0 33	20 38	1 33	12 12	17 9	21 26	21 22	6 23	8 45	0 40			
F 14	13 18	2n19	4 45	13 39	3 27	5 50	1 20	23 3	0 42	4 5	1 5	22 32	0 19	11 48	0 33	20 38	1 33	12 13	17 10	21 24	21 21	6 20	8 45	0 40			
S 15	12 58	6 40	4 19	14 0	3 19	5 20	1 19	22 58	0 43	3 59	1 5	22 32	0 19	11 48	0 33	20 39	1 33	12 14	17 10	21 22	21 21	6 18	8 46	0 40			
S 16	12 37	10 47	3 42	14 20	3 9	4 49	1 17	22 52	0 44	3 54	1 5	22 32	0 19	11 48	0 33	20 39	1 33	12 14	17 10	21 21	21 20	6 16	8 47	0 40			
M17	12 16	14 31	2 54	14 39	2 59	4 18	1 16	22 47	0 45	3 48	1 5	22 33	0 18	11 48	0 33	20 39	1 33	12 15	17 11	21 20	21 20	6 13	8 48	0 40			
T 18	11 56	17 42	1 57	14 57	2 47	3 47	1 14	22 41	0 45	3 43	1 5	22 33	0 18	11 47	0 33	20 39	1 33	12 16	17 11	21 19	21 19	6 11	8 49	0 40			
W19	11 34	20 6	0 53	15 13	2 35	3 16	1 12	22 35	0 46	3 37	1 5	22 34	0 18	11 47	0 33	20 39	1 33	12 17	17 12	21 19	21 19	6 8	8 49	0 40			
T 20	11 13	21 32	0s15	15 27	2 23	2 45	1 11	22 29	0 47	3 32	1 5	22 34	0 18	11 47	0 33	20 39	1 33	12 18	17 12	21 19	21 18	6 6	8 50	0 40			
F 21	10 52	21 48	1 25	15 40	2 10	2 14	1 9	22 22	0 47	3 26	1 5	22 34	0 18	11 47	0 33	20 39	1 33	12 19	17 12	21 19	21 18	6 3	8 51	0 40			
S 22	10 30	20 46	2 32	15 51	1 57	1 43	1 7	22 15	0 48	3 20	1 5	22 35	0 18	11 46	0 33	20 39	1 33	12 19	17 13	21 19	21 17	6 1	8 52	0 39			
S 23	10 8	18 22	3 32	16 1	1 44	1 12	1 5	22 9	0 49	3 15	1 5	22 35	0 18	11 46	0 33	20 39	1 33	12 20	17 13	21 18	21 16	5 59	8 53	0 39			
M24	9 46	14 42	4 20	16 9	1 31	0 41	1 3	22 1	0 50	3 9	1 5	22 35	0 17	11 46	0 33	20 39	1 33	12 21	17 14	21 16	21 16	5 56	8 54	0 39			
T 25	9 24	10 1	4 50	16 15	1 18	0 9	1 1	21 54	0 50	3 3	1 5	22 36	0 17	11 45	0 33	20 39	1 33	12 22	17 14	21 15	21 15	5 54	8 55	0 39			
W26	9 2	4 39	5 0	16 19	1 6	0n22	0 59	21 46	0 51	2 58	1 5	22 36	0 17	11 45	0 33	20 39	1 33	12 23	17 14	21 13	21 15	5 51	8 56	0 39			
T 27	8 39	1s 0	4 48	16 22	0 53	0 53	0 57	21 38	0 52	2 52	1 5	22 36	0 17	11 45	0 33	20 39	1 33	12 24	17 15	21 11	21 14	5 49	8 57	0 39			
F 28	8s17	6s30	4s17	16s24	0n41	1n25	0s55	21s30	0s52	2s46	1s 5	22n36	0s17	11s44	0n33	20s39	1n33	12n24	17n15	21s 9	21s14	5s47	8n58	0n39			

Julian Day Number = 2442444.5, Delta T = 45.56 sec

Ecliptic obliquity = 23°26'30", Nutation = 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley =

ASTRODIENST EPHEMERIS for the year 1975
geocentric

MARCH 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 32 43	9♌46'26	21♏16	13♍12	6♊53	28♈19	25♌44	12°R 7	2°R14	11♌45	8°R38	4°R57	5♌28	2♌38	21♊29	S 1
S 2	10 36 40	10°46'39	5♍34	13°58	8° 7	29° 5	25°59	12♏5	2♍13	11°45	8♏37	4♌52	5°25	2°45	21°32	S 2
M 3	10 40 36	11°46'50	19°22	14°47	9°21	29°50	26°13	12° 4	2°12	11°46	8°35	4°50	5°22	2°52	21°35	M 3
T 4	10 44 33	12°47'00	2♌41	15°39	10°35	0♌35	26°27	12° 3	2°10	11°46	8°34	4°D49	5°19	2°58	21°38	T 4
W 5	10 48 29	13°47'08	15°35	16°34	11°48	1°20	26°42	12° 2	2° 9	11°46	8°33	4°R49	5°16	3° 5	21°41	W 5
T 6	10 52 26	14°47'14	28° 7	17°32	13° 2	2° 5	26°56	12° 1	2° 8	11°47	8°31	4°48	5°12	3°12	21°44	T 6
F 7	10 56 22	15°47'19	10♈23	18°33	14°15	2°50	27°11	12° 0	2° 6	11°47	8°30	4°46	5° 9	3°19	21°47	F 7
S 8	11 0 19	16°47'23	22°27	19°37	15°29	3°36	27°25	11°59	2° 5	11°47	8°28	4°41	5° 6	3°25	21°50	S 8
S 9	11 4 15	17°47'24	4♌23	20°43	16°42	4°21	27°39	11°58	2° 3	11°47	8°27	4°33	5° 3	3°32	21°53	S 9
M10	11 8 12	18°47'24	16°16	21°51	17°56	5° 6	27°54	11°58	2° 1	11°47	8°25	4°23	5° 0	3°39	21°56	M10
T 11	11 12 9	19°47'22	28° 7	23° 1	19° 9	5°51	28° 8	11°57	2° 0	11°48	8°23	4°10	4°57	3°45	21°59	T 11
W12	11 16 5	20°47'19	9♌59	24°13	20°22	6°37	28°23	11°57	1°58	11°48	8°22	3°56	4°53	3°52	22° 2	W12
T 13	11 20 2	21°47'13	21°53	25°27	21°36	7°22	28°37	11°57	1°56	11°48	8°20	3°42	4°50	3°59	22° 5	T 13
F 14	11 23 58	22°47'06	3♊51	26°43	22°49	8° 7	28°52	11°D57	1°55	11°R48	8°19	3°30	4°47	4° 6	22° 9	F 14
S 15	11 27 55	23°46'56	15°53	28° 1	24° 2	8°53	29° 6	11°57	1°53	11°48	8°17	3°19	4°44	4°12	22°12	S 15
S 16	11 31 51	24°46'44	28° 2	29°20	25°15	9°38	29°21	11°57	1°51	11°48	8°16	3°11	4°41	4°19	22°15	S 16
M17	11 35 48	25°46'31	10♌19	0♌41	26°28	10°24	29°35	11°57	1°49	11°48	8°14	3° 6	4°37	4°26	22°18	M17
T 18	11 39 44	26°46'15	22°47	2° 4	27°41	11° 9	29°50	11°57	1°47	11°48	8°12	3° 3	4°34	4°33	22°22	T 18
W19	11 43 41	27°45'57	5♏28	3°28	28°54	11°54	0♊4	11°58	1°45	11°47	8°11	3°D 3	4°31	4°39	22°25	W19
T 20	11 47 38	28°45'37	18°28	4°53	0♌7	12°40	0°19	11°58	1°43	11°47	8° 9	3° 3	4°28	4°46	22°28	T 20
F 21	11 51 34	29°45'14	1♌48	6°20	1°20	13°25	0°33	11°59	1°41	11°47	8° 7	3°R 4	4°25	4°53	22°32	F 21
S 22	11 55 31	0♊44'49	15°32	7°49	2°32	14°11	0°48	12° 0	1°39	11°47	8° 6	3° 3	4°22	4°59	22°35	S 22
S 23	11 59 27	1°44'22	29°41	9°19	3°45	14°56	1° 3	12° 1	1°37	11°47	8° 4	3° 0	4°18	5° 6	22°38	S 23
M24	12 3 24	2°43'53	14♏15	10°50	4°58	15°42	1°17	12° 2	1°35	11°46	8° 2	2°54	4°15	5°13	22°42	M24
T 25	12 7 20	3°43'21	29° 9	12°23	6°10	16°27	1°32	12° 3	1°33	11°46	8° 1	2°47	4°12	5°20	22°45	T 25
W26	12 11 17	4°42'47	14♏17	13°57	7°23	17°13	1°46	12° 4	1°31	11°46	7°59	2°38	4° 9	5°26	22°49	W26
T 27	12 15 13	5°42'10	29°28	15°32	8°35	17°58	2° 1	12° 6	1°29	11°45	7°57	2°29	4° 6	5°33	22°52	T 27
F 28	12 19 10	6°41'32	14♏32	17° 9	9°47	18°44	2°15	12° 7	1°26	11°45	7°56	2°21	4° 3	5°40	22°56	F 28
S 29	12 23 6	7°40'52	29°19	18°47	11° 0	19°30	2°30	12° 9	1°24	11°44	7°54	2°15	3°59	5°46	22°59	S 29
S 30	12 27 3	8°40'10	13♍42	20°26	12°12	20°15	2°44	12°10	1°22	11°44	7°52	2°11	3°56	5°53	23° 3	S 30
M31	12 31 0	9♊39'26	27♍38	22♌7	13♏24	21♌1	2♊59	12♏12	1♍19	11♌43	7♏51	2°D10	3♌53	6♌0	23♊6	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s54	11s31	3s28	16s23	0n29	1n56	0s52	21s22	0s53	2s41	1 s 5	22n37	0s17	11s44	0n33	20s39
S 2	7 32	15 42	2 28	16 21	0 18	2 27	0 50	21 13	0 54	2 35	1 5	22 37	0 17	11 43	0 33	20 39
M 3	7 9	18 52	1 21	16 18	0 7	2 58	0 48	21 5	0 54	2 29	1 4	22 37	0 17	11 43	0 33	20 39
T 4	6 46	20 53	0 11	16 13	0s 4	3 30	0 45	20 56	0 55	2 24	1 4	22 37	0 16	11 42	0 33	20 39
W 5	6 23	21 43	0n57	16 6	0 14	4 1	0 43	20 46	0 56	2 18	1 4	22 38	0 16	11 42	0 33	20 39
T 6	6 0	21 26	2 0	15 58	0 25	4 32	0 40	20 37	0 56	2 12	1 4	22 38	0 16	11 41	0 33	20 39
F 7	5 36	20 6	2 56	15 48	0 34	5 3	0 38	20 27	0 57	2 6	1 4	22 38	0 16	11 41	0 33	20 39
S 8	5 13	17 54	3 44	15 37	0 43	5 33	0 35	20 17	0 58	2 1	1 4	22 38	0 16	11 40	0 34	20 39
S 9	4 50	14 57	4 20	15 25	0 52	6 4	0 32	20 7	0 59	1 55	1 4	22 38	0 16	11 40	0 34	20 39
M10	4 26	11 25	4 46	15 11	1 1	6 35	0 30	19 57	0 59	1 49	1 4	22 39	0 16	11 39	0 34	20 39
T 11	4 3	7 27	4 59	14 56	1 9	7 5	0 27	19 47	1 0	1 43	1 4	22 39	0 15	11 39	0 34	20 39
W12	3 39	3 13	4 59	14 39	1 16	7 35	0 24	19 36	1 1	1 38	1 4	22 39	0 15	11 38	0 34	20 39
T 13	3 15	1n 9	4 46	14 21	1 24	8 5	0 21	19 25	1 1	1 32	1 4	22 39	0 15	11 37	0 34	20 39
F 14	2 52	5 30	4 20	14 2	1 30	8 35	0 19	19 14	1 2	1 26	1 4	22 39	0 15	11 37	0 34	20 39
S 15	2 28	9 40	3 43	13 41	1 37	9 5	0 16	19 3	1 3	1 20	1 4	22 39	0 15	11 36	0 34	20 39
S 16	2 4	13 29	2 55	13 19	1 43	9 34	0 13	18 51	1 3	1 15	1 4	22 39	0 15	11 36	0 34	20 39
M17	1 41	16 47	1 58	12 55	1 48	10 4	0 10	18 40	1 4	1 9	1 4	22 40	0 15	11 35	0 34	20 39
T 18	1 17	19 21	0 54	12 31	1 54	10 33	0 7	18 28	1 5	1 3	1 4	22 40	0 15	11 34	0 34	20 39
W19	0 53	21 0	0s13	12 5	1 58	11 2	0 4	18 16	1 5	0 57	1 4	22 40	0 14	11 34	0 34	20 39
T 20	0 30	21 36	1 21	11 37	2 3	11 30	0 1	18 4	1 6	0 52	1 4	22 40	0 14	11 33	0 34	20 39
F 21	0 6	20 59	2 27	11 9	2 6	11 58	0n 2	17 51	1 7	0 46	1 4	22 40	0 14	11 32	0 34	20 39
S 22	0n18	19 7	3 26	10 39	2 10	12 27	0 5	17 39	1 7	0 40	1 4	22 40	0 14	11 31	0 34	20 38
S 23	0 42	16 4	4 15	10 8	2 13	12 54	0 9	17 26	1 8	0 34	1 4	22 40	0 14	11 31	0 34	20 38
M24	1 5	11 57	4 49	9 36	2 15	13 22	0 12	17 13	1 9	0 28	1 4	22 40	0 14	11 30	0 34	20 38
T 25	1 29	7 1	5 4	9 2	2 18	13 49	0 15	17 0	1 9	0 23	1 4	22 40	0 14	11 29	0 34	20 38
W26	1 52	1 36	4 58	8 27	2 19	14 16	0 18	16 47	1 10	0 17	1 4	22 40	0 14	11 28	0 34	20 38
T 27	2 16	3s56	4 32	7 52	2 20	14 42	0 21	16 34	1 10	0 11	1 4	22 40	0 13	11 28	0 34	20 38
F 28	2 39	9 12	3 46	7 15	2 21	15 8	0 24	16 20	1 11	0 5	1 4	22 40	0 13	11 27	0 34	20 38
S 29	3 3	13 50	2 47	6 36	2 21	15 34	0 28	16 7	1 12	0n 0	1 5	22 40	0 13	11 26	0 34	20 38
S 30	3 26	17 30	1 37	5 57	2 21	15 59	0 31	15 53	1 12	0 6	1 5	22 40	0 13	11 25	0 34	20 38
M31	3n50	20s 2	0s24	5s17	2s20	16n24	0n34	15s39	1s13	0n12	1 s 5	22n40	0s13	11s24	0n34	20s38

Julian Day Number = 2442472.5, Delta T = 45.63 sec
Ecliptic obliquity = 23°26'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°23'36, Lahiri = 23°30'36

ASTRODIENST EPHEMERIS for the year 1975
geocentric

APRIL 1975

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 34 56	10°38'40	11♈ 5	23♈49	14♈36	21♈47	3♈13	12♈14	1°R17	11°R43	7°R49	2♈10	3♈50	6♈ 7	23♈10	T 1
W 2	12 38 53	11°37'52	24° 6	25°33	15°48	22°32	3°28	12°16	1♈15	11♈42	7♈47	2°11	3°47	6°13	23°13	W 2
T 3	12 42 49	12°37'03	6♈43	27°18	17° 0	23°18	3°42	12°18	1°12	11°42	7°46	2°12	3°43	6°20	23°17	T 3
F 4	12 46 46	13°36'12	19° 2	29° 4	18°11	24° 3	3°56	12°20	1°10	11°41	7°44	2°R12	3°40	6°27	23°20	F 4
S 5	12 50 42	14°35'19	1♈ 8	0♈52	19°23	24°49	4°11	12°23	1° 8	11°40	7°42	2°11	3°37	6°34	23°24	S 5
S 6	12 54 39	15°34'24	13° 4	2°41	20°35	25°35	4°25	12°25	1° 5	11°40	7°41	2° 7	3°34	6°40	23°27	S 6
M 7	12 58 35	16°33'28	24°56	4°32	21°46	26°21	4°40	12°28	1° 3	11°39	7°39	2° 1	3°31	6°47	23°31	M 7
T 8	13 2 32	17°32'29	6♈47	6°24	22°58	27° 6	4°54	12°30	1° 0	11°38	7°38	1°54	3°28	6°54	23°34	T 8
W 9	13 6 29	18°31'29	18°40	8°18	24° 9	27°52	5° 8	12°33	0°58	11°37	7°36	1°46	3°24	7° 0	23°38	W 9
T 10	13 10 25	19°30'27	0♈38	10°13	25°20	28°38	5°23	12°36	0°55	11°36	7°34	1°38	3°21	7° 7	23°42	T 10
F 11	13 14 22	20°29'23	12°43	12° 9	26°32	29°23	5°37	12°39	0°53	11°36	7°33	1°30	3°18	7°14	23°45	F 11
S 12	13 18 18	21°28'17	24°56	14° 7	27°43	0♈ 9	5°51	12°42	0°50	11°35	7°31	1°24	3°15	7°21	23°49	S 12
S 13	13 22 15	22°27'08	7♈17	16° 7	28°54	0°55	6° 5	12°45	0°48	11°34	7°29	1°19	3°12	7°27	23°52	S 13
M14	13 26 11	23°25'58	19°49	18° 7	0♈ 5	1°40	6°20	12°48	0°45	11°33	7°28	1°17	3° 9	7°34	23°56	M14
T 15	13 30 8	24°24'46	2♈32	20° 9	1°16	2°26	6°34	12°51	0°43	11°32	7°26	1°D16	3° 5	7°41	24° 0	T 15
W16	13 34 4	25°23'32	15°28	22°12	2°26	3°12	6°48	12°55	0°40	11°31	7°25	1°17	3° 2	7°48	24° 3	W16
T 17	13 38 1	26°22'16	28°38	24°17	3°37	3°58	7° 2	12°58	0°38	11°30	7°23	1°19	2°59	7°54	24° 7	T 17
F 18	13 41 58	27°20'57	12♈ 5	26°22	4°48	4°43	7°16	13° 2	0°35	11°29	7°22	1°20	2°56	8° 1	24°10	F 18
S 19	13 45 54	28°19'36	25°48	28°28	5°58	5°29	7°30	13° 6	0°32	11°28	7°20	1°R21	2°53	8° 8	24°14	S 19
S 20	13 49 51	29°18'13	9♈50	0♈35	7° 8	6°15	7°44	13° 9	0°30	11°27	7°18	1°20	2°49	8°14	24°18	S 20
M21	13 53 47	0♈16'47	24° 8	2°43	8°19	7° 0	7°58	13°13	0°27	11°26	7°17	1°19	2°46	8°21	24°21	M21
T 22	13 57 44	1°15'19	8♈42	4°51	9°29	7°46	8°12	13°17	0°25	11°25	7°15	1°16	2°43	8°28	24°25	T 22
W23	14 1 40	2°13'50	23°25	6°59	10°39	8°32	8°26	13°21	0°22	11°23	7°14	1°12	2°40	8°35	24°28	W23
T 24	14 5 37	3°12'17	8♈12	9° 6	11°49	9°17	8°40	13°25	0°20	11°22	7°13	1° 8	2°37	8°41	24°32	T 24
F 25	14 9 33	4°10'43	22°55	11°13	12°59	10° 3	8°54	13°30	0°17	11°21	7°11	1° 4	2°34	8°48	24°35	F 25
S 26	14 13 30	5° 9'07	7♈26	13°20	14° 8	10°49	9° 7	13°34	0°15	11°20	7°10	1° 1	2°30	8°55	24°39	S 26
S 27	14 17 27	6° 7'30	21°40	15°25	15°18	11°34	9°21	13°38	0°12	11°19	7° 8	1° 0	2°27	9° 1	24°42	S 27
M28	14 21 23	7° 5'50	5♈33	17°29	16°27	12°20	9°35	13°43	0° 9	11°17	7° 7	1°D 0	2°24	9° 8	24°46	M28
T 29	14 25 20	8° 4'09	19° 1	19°31	17°37	13° 5	9°49	13°47	0° 7	11°16	7° 5	1° 1	2°21	9°15	24°50	T 29
W30	14 29 16	9♈ 2'27	2♈ 5	21♈31	18♈46	13♈51	10♈ 2	13♈52	0♈ 4	11♈15	7♈ 4	1♈ 2	2♈18	9♈22	24♈53	W30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	lat	
T 1	4n13	21s19	0n48	4s35	2s19	16n49	0n37	15s25	1s14	0n17	1s 5	22n40	0s13	11s24	0n34	20s37	1n35	12n49	17n20	20s36	20s55	4s29	9n34	0n36
W 2	4 36	21 23	1 55	3 52	2 18	17 13	0 40	15 10	1 14	0 23	1 5	22 40	0 13	11 23	0 34	20 37	1 35	12 49	17 20	20 36	20 54	4 27	9 35	0 36
T 3	4 59	20 21	2 55	3 9	2 15	17 37	0 44	14 56	1 15	0 29	1 5	22 40	0 13	11 22	0 34	20 37	1 35	12 50	17 20	20 36	20 54	4 24	9 36	0 36
F 4	5 22	18 22	3 45	2 24	2 13	18 0	0 47	14 41	1 15	0 35	1 5	22 40	0 13	11 21	0 34	20 37	1 35	12 51	17 20	20 36	20 53	4 22	9 37	0 36
S 5	5 45	15 37	4 24	1 38	2 10	18 23	0 50	14 27	1 16	0 40	1 5	22 40	0 12	11 20	0 34	20 37	1 35	12 51	17 20	20 36	20 53	4 20	9 39	0 36
S 6	6 8	12 14	4 51	0 51	2 6	18 45	0 53	14 12	1 17	0 46	1 5	22 39	0 12	11 20	0 34	20 37	1 35	12 52	17 20	20 35	20 52	4 17	9 40	0 36
M 7	6 31	8 25	5 6	0 4	2 2	19 7	0 57	13 57	1 17	0 52	1 5	22 39	0 12	11 19	0 34	20 37	1 35	12 53	17 20	20 34	20 51	4 15	9 41	0 36
T 8	6 53	4 16	5 7	0n45	1 57	19 29	1 0	13 42	1 18	0 57	1 5	22 39	0 12	11 18	0 34	20 37	1 35	12 53	17 20	20 33	20 51	4 12	9 42	0 36
W 9	7 16	0n 2	4 55	1 34	1 52	19 50	1 3	13 27	1 18	1 3	1 5	22 39	0 12	11 17	0 34	20 36	1 35	12 54	17 20	20 31	20 50	4 10	9 44	0 36
T 10	7 38	4 23	4 30	2 25	1 46	20 10	1 6	13 11	1 19	1 9	1 5	22 39	0 12	11 16	0 34	20 36	1 35	12 54	17 20	20 29	20 50	4 8	9 45	0 36
F 11	8 0	8 35	3 53	3 16	1 40	20 30	1 9	12 56	1 20	1 14	1 5	22 39	0 12	11 15	0 34	20 36	1 35	12 55	17 20	20 28	20 49	4 5	9 46	0 35
S 12	8 22	12 30	3 4	4 8	1 33	20 50	1 12	12 40	1 20	1 20	1 5	22 39	0 12	11 14	0 34	20 36	1 35	12 55	17 20	20 27	20 48	4 3	9 47	0 35
S 13	8 44	15 56	2 7	5 1	1 26	21 8	1 15	12 24	1 21	1 25	1 5	22 38	0 11	11 13	0 34	20 36	1 35	12 56	17 20	20 26	20 48	4 0	9 49	0 35
M14	9 6	18 41	1 2	5 54	1 19	21 27	1 18	12 9	1 21	1 31	1 5	22 38	0 11	11 13	0 34	20 36	1 35	12 56	17 20	20 25	20 47	3 58	9 50	0 35
T 15	9 28	20 33	0s 7	6 47	1 11	21 45	1 22	11 53	1 22	1 36	1 5	22 38	0 11	11 12	0 34	20 35	1 36	12 57	17 19	20 25	20 47	3 56	9 51	0 35
W16	9 49	21 23	1 17	7 41	1 2	22 2	1 25	11 37	1 22	1 42	1 5	22 38	0 11	11 11	0 34	20 35	1 36	12 57	17 19	20 25	20 46	3 53	9 53	0 35
T 17	10 11	21 2	2 24	8 36	0 53	22 19	1 28	11 21	1 23	1 47	1 5	22 38	0 11	11 10	0 34	20 35	1 36	12 58	17 19	20 25	20 45	3 51	9 54	0 35
F 18	10 32	19 30	3 24	9 30	0 44	22 35	1 30	11 4	1 23	1 53	1 5	22 37	0 11	11 9	0 34	20 35	1 36	12 58	17 19	20 26	20 45	3 48	9 55	0 35
S 19	10 53	16 49	4 15	10 24	0 34	22 50	1 33	10 48	1 24	1 58	1 6	22 37	0 11	11 8	0 34	20 35	1 36	12 59	17 19	20 26	20 44	3 46	9 56	0 35
S 20	11 14	13 7	4 51	11 18	0 24	23 5	1 36	10 32	1 24	2 4	1 6	22 37	0 11	11 7	0 34	20 35	1 36	12 59	17 19	20 26	20 44	3 44	9 58	0 35
M21	11 34	8 36	5 10	12 12	0 14	23 19	1 39	10 15	1 25	2 9	1 6	22 37	0 11	11 6	0 34	20 34	1 36	12 59	17 18	20 25	20 43	3 41	9 59	0 35
T 22	11 55	3 31	5 10	13 5	0 3	23 33	1 42	9 59	1 25	2 15	1 6	22 36	0 10	11 5	0 34	20 34	1 36	13 0	17 18	20 25	20 42	3 39	10 0	0 35
W23	12 15	1s49	4 49	13 58	0n 8	23 46	1 45	9 42	1 26	2 20	1 6	22 36	0 10	11 5	0 34	20 34	1 36	13 0	17 18	20 24	20 42	3 36	10 1	0 35
T 24	12 35	7 5	4 10	14 49	0 19	23 59	1 47	9 25	1 26	2 26	1 6	22 36	0 10	11 4	0 34	20 34	1 36	13 1	17 18	20 23	20 41	3 34	10 3	0 35
F 25	12 55	11 54	3 14	15 40	0 29	24 11	1 50	9 9	1 27	2 31	1 6	22 35	0 10	11 3	0 34	20 34	1 36	13 1	17 18	20 22	20 40	3 32	10 4	0 35
S 26	13 14	15 59	2 6	16 29	0 40	24 22	1 53	8 52	1 27	2 36	1 6	22 35	0 10	11 2	0 34	20 33	1 36	13 1	17 17	20 22	20 40	3 29	10 5	0 34
S 27	13 34	19 0	0 51	17 16	0 51	24 32	1 55	8 35	1 28	2 42	1 6	22 35	0 10	11 1	0 34	20 33	1 36	13 2	17 17	20 22	20 39	3 27	10 6	0 34
M28	13 53	20 49	0n25	18 2	1 1	24 42	1 58	8 18	1 28	2 47	1 6	22 34	0 10	11 0	0 34	20 33	1 36	13 2	17 17	20 22	20 39	3 24	10 8	0 34
T 29	14 12	21 22	1 38	18 45	1 11	24 51	2 0	8 1	1 29	2 52	1 6	22 34	0 10	10 59	0 34	20 33	1 36	13 2	17 17	20 22	20 38	3 22	10 9	0 34
W30	14n31	20s43	2n43	19n27	1n21	25n 0	2n 2	7s43	1s29	2n57	1s 6	22n34	0s10	10s58	0n34	20s33	1n36	13n 3	17n16	20s22	20s37	3s20	10n10	0n34

ASTRODIENST EPHEMERIS for the year 1975
geocentric

MAY 1975

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 33 13	10♈ 0'42	14♌47	23♊29	19♈55	14♋37	10♍16	13♎57	0°R 2	11°R13	7°R 3	1♊4 4	2♈14	9♋28	24♍57	T 1
F 2	14 37 9	10°58'57	27°10	25°25	21° 4	15°22	10°29	14° 2	29♎59	11♊12	7♌ 1	1° 5	2°11	9°35	25° 0	F 2
S 3	14 41 6	11°57'09	9♋19	27°17	22°13	16° 8	10°43	14° 7	29°57	11°11	7° 0	1°R 5	2° 8	9°42	25° 4	S 3
S 4	14 45 2	12°55'20	21°18	29° 7	23°21	16°53	10°56	14°11	29°54	11° 9	6°59	1° 5	2° 5	9°49	25° 7	S 4
M 5	14 48 59	13°53'30	3♋11	0♈53	24°30	17°39	11° 9	14°17	29°52	11° 8	6°58	1° 4	2° 2	9°55	25°10	M 5
T 6	14 52 56	14°51'38	15° 3	2°36	25°38	18°25	11°23	14°22	29°49	11° 7	6°56	1° 2	1°59	10° 2	25°14	T 6
W 7	14 56 52	15°49'45	26°59	4°16	26°47	19°10	11°36	14°27	29°47	11° 5	6°55	1° 0	1°55	10° 9	25°17	W 7
T 8	15 0 49	16°47'50	9♍1	5°52	27°55	19°56	11°49	14°32	29°45	11° 4	6°54	0°58	1°52	10°15	25°21	T 8
F 9	15 4 45	17°45'54	21°13	7°24	29° 3	20°41	12° 2	14°37	29°42	11° 2	6°53	0°56	1°49	10°22	25°24	F 9
S 10	15 8 42	18°43'56	3♌36	8°53	0♉11	21°26	12°15	14°43	29°40	11° 1	6°52	0°55	1°46	10°29	25°27	S 10
S 11	15 12 38	19°41'57	16°13	10°17	1°19	22°12	12°28	14°48	29°37	10°59	6°50	0°54	1°43	10°36	25°31	S 11
M12	15 16 35	20°39'56	29° 4	11°38	2°26	22°57	12°41	14°54	29°35	10°58	6°49	0°D53	1°40	10°42	25°34	M12
T 13	15 20 31	21°37'54	12♈ 8	12°55	3°34	23°43	12°54	15° 0	29°33	10°56	6°48	0°53	1°36	10°49	25°38	T 13
W14	15 24 28	22°35'50	25°27	14° 8	4°41	24°28	13° 7	15° 5	29°30	10°55	6°47	0°54	1°33	10°56	25°41	W14
T 15	15 28 25	23°33'45	8♌58	15°17	5°48	25°13	13°20	15°11	29°28	10°53	6°46	0°55	1°30	11° 2	25°44	T 15
F 16	15 32 21	24°31'38	22°42	16°21	6°55	25°59	13°32	15°17	29°26	10°52	6°45	0°55	1°27	11° 9	25°47	F 16
S 17	15 36 18	25°29'29	6♌37	17°22	8° 2	26°44	13°45	15°23	29°24	10°50	6°44	0°56	1°24	11°16	25°51	S 17
S 18	15 40 14	26°27'18	20°41	18°18	9° 8	27°29	13°57	15°29	29°22	10°49	6°43	0°R56	1°20	11°23	25°54	S 18
M19	15 44 11	27°25'05	4♎54	19° 9	10°15	28°14	14°10	15°35	29°19	10°47	6°42	0°56	1°17	11°29	25°57	M19
T 20	15 48 7	28°22'51	19°12	19°57	11°21	28°59	14°22	15°41	29°17	10°46	6°42	0°56	1°14	11°36	26° 0	T 20
W21	15 52 4	29°20'35	3♌32	20°40	12°27	29°45	14°34	15°47	29°15	10°44	6°41	0°56	1°11	11°43	26° 3	W21
T 22	15 56 0	0♈18'17	17°52	21°18	13°33	0♍30	14°47	15°53	29°13	10°42	6°40	0°56	1° 8	11°50	26° 6	T 22
F 23	15 59 57	1°15'58	2♎ 7	21°52	14°38	1°15	14°59	15°59	29°11	10°41	6°39	0°D55	1° 5	11°56	26° 9	F 23
S 24	16 3 53	2°13'37	16°12	22°21	15°43	2° 0	15°11	16° 6	29° 9	10°39	6°38	0°56	1° 1	12° 3	26°13	S 24
S 25	16 7 50	3°11'16	0♊5	22°45	16°49	2°45	15°23	16°12	29° 7	10°38	6°38	0°R56	0°58	12°10	26°16	S 25
M26	16 11 47	4° 8'52	13°41	23° 4	17°54	3°30	15°35	16°19	29° 5	10°36	6°37	0°56	0°55	12°16	26°19	M26
T 27	16 15 43	5° 6'28	26°59	23°19	18°58	4°15	15°47	16°25	29° 3	10°34	6°36	0°55	0°52	12°23	26°22	T 27
W28	16 19 40	6° 4'03	9♌59	23°29	20° 3	4°59	15°58	16°32	29° 1	10°33	6°35	0°55	0°49	12°30	26°25	W28
T 29	16 23 36	7° 1'37	22°39	23°35	21° 7	5°44	16°10	16°38	28°59	10°31	6°35	0°54	0°46	12°37	26°27	T 29
F 30	16 27 33	7°59'09	5♋3	23°R36	22°11	6°29	16°22	16°45	28°58	10°30	6°34	0°53	0°42	12°43	26°30	F 30
S 31	16 31 29	8♈56'41	17♋14	23♈32	23♌15	7♍14	16♍33	16♎51	28♎56	10♊28	6♌34	0♊52	0♊39	12♋50	26♍33	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	lat
T 1	14n49	19s 0	3n38	20n 6	1n30	25n 8	2n 5	7s26	1s30	3n 3	1s 7	22n33	0s 9	10s58	0n34	20s32	1n36	13n 3	17n16	20s22	20s37	3s17	10n11	0n34
F 2	15 7	16 27	4 22	20 43	1 39	25 15	2 7	7 9	1 30	3 8	1 7	22 33	0 9	10 57	0 34	20 32	1 36	13 3	17 16	20 23	20 36	3 15	10 12	0 34
S 3	15 25	13 13	4 53	21 18	1 47	25 22	2 9	6 52	1 31	3 13	1 7	22 32	0 9	10 56	0 34	20 32	1 36	13 3	17 16	20 23	20 35	3 12	10 14	0 34
S 4	15 43	9 30	5 11	21 50	1 55	25 28	2 11	6 34	1 31	3 18	1 7	22 32	0 9	10 55	0 34	20 32	1 36	13 4	17 15	20 23	20 35	3 10	10 15	0 34
M 5	16 1	5 26	5 15	22 19	2 2	25 33	2 13	6 17	1 31	3 23	1 7	22 32	0 9	10 54	0 34	20 32	1 36	13 4	17 15	20 22	20 34	3 8	10 16	0 34
T 6	16 18	1 11	5 6	22 47	2 8	25 37	2 15	6 0	1 32	3 28	1 7	22 31	0 9	10 53	0 34	20 31	1 36	13 4	17 15	20 22	20 34	3 5	10 17	0 34
W 7	16 35	3n 8	4 44	23 11	2 14	25 41	2 17	5 42	1 32	3 33	1 7	22 31	0 9	10 52	0 34	20 31	1 36	13 4	17 14	20 22	20 33	3 3	10 19	0 34
T 8	16 51	7 23	4 9	23 33	2 18	25 44	2 19	5 25	1 33	3 38	1 7	22 30	0 9	10 52	0 34	20 31	1 36	13 4	17 14	20 21	20 32	3 0	10 20	0 34
F 9	17 8	11 24	3 22	23 53	2 22	25 47	2 21	5 7	1 33	3 43	1 7	22 30	0 9	10 51	0 34	20 31	1 36	13 4	17 14	20 21	20 32	2 58	10 21	0 34
S 10	17 24	15 0	2 25	24 10	2 25	25 49	2 22	4 49	1 33	3 48	1 7	22 29	0 8	10 50	0 33	20 31	1 36	13 5	17 13	20 21	20 31	2 56	10 22	0 34
S 11	17 40	17 58	1 20	24 25	2 27	25 50	2 24	4 32	1 34	3 53	1 8	22 29	0 8	10 49	0 33	20 30	1 36	13 5	17 13	20 20	20 30	2 53	10 23	0 34
M12	17 55	20 7	0 10	24 38	2 28	25 50	2 25	4 14	1 34	3 58	1 8	22 28	0 8	10 48	0 33	20 30	1 36	13 5	17 13	20 20	20 30	2 51	10 24	0 34
T 13	18 10	21 14	1s 2	24 48	2 29	25 50	2 27	3 57	1 34	4 3	1 8	22 28	0 8	10 47	0 33	20 30	1 36	13 5	17 12	20 20	20 29	2 48	10 26	0 33
W14	18 25	21 10	2 12	24 57	2 28	25 49	2 28	3 39	1 35	4 8	1 8	22 27	0 8	10 47	0 33	20 30	1 36	13 5	17 12	20 20	20 28	2 46	10 27	0 33
T 15	18 40	19 53	3 16	25 3	2 26	25 48	2 29	3 21	1 35	4 13	1 8	22 27	0 8	10 46	0 33	20 29	1 36	13 5	17 11	20 21	20 28	2 44	10 28	0 33
F 16	18 54	17 26	4 9	25 7	2 24	25 46	2 30	3 3	1 35	4 18	1 8	22 26	0 8	10 45	0 33	20 29	1 36	13 5	17 11	20 21	20 27	2 41	10 29	0 33
S 17	19 8	13 57	4 49	25 10	2 20	25 43	2 31	2 46	1 36	4 22	1 8	22 26	0 8	10 44	0 33	20 29	1 36	13 5	17 11	20 21	20 26	2 39	10 30	0 33
S 18	19 22	9 40	5 12	25 11	2 16	25 39	2 32	2 28	1 36	4 27	1 8	22 25	0 8	10 44	0 33	20 29	1 36	13 5	17 10	20 21	20 26	2 36	10 31	0 33
M19	19 35	4 49	5 16	25 10	2 10	25 35	2 33	2 10	1 36	4 32	1 9	22 24	0 8	10 43	0 33	20 29	1 36	13 5	17 10	20 21	20 25	2 34	10 32	0 33
T 20	19 48	0s20	5 1	25 7	2 4	25 30	2 34	1 53	1 37	4 37	1 9	22 24	0 7	10 42	0 33	20 28	1 36	13 5	17 9	20 21	20 25	2 32	10 33	0 33
W21	20 1	5 30	4 27	25 3	1 57	25 25	2 34	1 35	1 37	4 41	1 9	22 23	0 7	10 41	0 33	20 28	1 36	13 5	17 9	20 21	20 24	2 29	10 35	0 33
T 22	20 13	10 21	3 37	24 57	1 48	25 19	2 35	1 17	1 37	4 46	1 9	22 23	0 7	10 41	0 33	20 28	1 36	13 5	17 9	20 21	20 23	2 27	10 36	0 33
F 23	20 25	14 36	2 33	24 50	1 39	25 12	2 35	1 0	1 37	4 50	1 9	22 22	0 7	10 40	0 33	20 28	1 36	13 5	17 8	20 21	20 23	2 25	10 37	0 33
S 24	20 37	17 59	1 21	24 42	1 29	25 5	2 35	0 42	1 38	4 55	1 9	22 21	0 7	10 39	0 33	20 27	1 36	13 5	17 8	20 21	20 22	2 22	10 38	0 33
S 25	20 48	20 15	0 5	24 32	1 18	24 57	2 35	0 24	1 38	4 59	1 9	22 21	0 7	10 39	0 33	20 27	1 36	13 4	17 7	20 21	20 21	2 20	10 39	0 33
M26	20 59	21 17	1n10	24 21	1 6	24 49	2 35	0 7	1 38	5 4	1 10	22 20	0 7	10 38	0 33	20 27	1 36	13 4	17 7	20 21	20 21	2 17	10 40	0 33
T 27	21 9	21 5	2 20	24 9	0 53	24 40	2 35	0n11	1 38	5 8	1 10	22 19	0 7	10 37	0 33	20 27	1 36	13 4	17 6	20 21	20 20	2 15	10 41	0 33
W28	21 19	19 45	3 20	23 56	0 39	24 30	2 35	0 29	1 38	5 13	1 10	22 19	0 7	10 37	0 33	20 26	1 36	13 4	17 6	20 21	20 19	2 13	10 42	0 33
T 29	21 29	17 27	4 9	23 42	0 24	24 20	2 35	0 46	1 39	5 17	1 10	22 18	0 7	10 36	0 33	20 26	1 36	13 4	17 5	20 20	20 19	2 10	10 43	0 33
F 30	21 39	14 23	4 45	23 26	0 9	24 9	2 34	1 4	1 39	5 21	1 10	22 17	0 6	10 35	0 33	20 26	1 36	13 4	17 5	20 20	20 18	2 8	10 44	0 33
S 31	21n48	10s47	5n 8	23n10	0s 7	23n58	2n34	1n21	1s39	5n25	1s10	22n16	0s 6	10s35	0n33	20s26	1n36	13n 3	17n 4	20s20	20s17	2s 6	10n45	0n33

ASTRODIENST EPHEMERIS for the year 1975

geocentric

JUNE 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 35 26	9II54°12	29 II 14	23°R24	24 II 18	7 II 59	16 II 44	16 II 58	28°R54	10°R26	6°R33	0°R52	0 II 36	12 II 57	26 II 36	S 1
M 2	16 39 23	10°51'42	11 II 9	23II11	25°22	8°43	16°56	17° 5	28 II 52	10 II 25	6 II 33	0°D52	0°33	13° 3	26°39	M 2
T 3	16 43 19	11°49'11	23° 2	22°55	26°25	9°28	17° 7	17°12	28°51	10°23	6°32	0 II 52	0°30	13°10	26°42	T 3
W 4	16 47 16	12°46'39	4 II 59	22°35	27°27	10°12	17°18	17°19	28°49	10°21	6°32	0°53	0°26	13°17	26°44	W 4
T 5	16 51 12	13°44'07	17° 3	22°12	28°30	10°57	17°29	17°25	28°47	10°20	6°31	0°54	0°23	13°24	26°47	T 5
F 6	16 55 9	14°41'34	29°19	21°45	29°32	11°41	17°40	17°32	28°46	10°18	6°31	0°55	0°20	13°30	26°50	F 6
S 7	16 59 5	15°39'01	11 II 51	21°17	0 II 34	12°26	17°51	17°39	28°44	10°17	6°31	0°56	0°17	13°37	26°52	S 7
S 8	17 3 2	16°36'26	24°40	20°46	1°35	13°10	18° 1	17°46	28°43	10°15	6°30	0°R57	0°14	13°44	26°55	S 8
M 9	17 6 58	17°33'51	7II48	20°14	2°37	13°55	18°12	17°54	28°42	10°13	6°30	0°57	0°11	13°50	26°57	M 9
T 10	17 10 55	18°31'15	21°15	19°40	3°37	14°39	18°23	18° 1	28°40	10°12	6°30	0°56	0° 7	13°57	27° 0	T 10
W11	17 14 52	19°28'39	4 II 59	19° 7	4°38	15°23	18°33	18° 8	28°39	10°10	6°29	0°54	0° 4	14° 4	27° 2	W11
T 12	17 18 48	20°26'01	18°57	18°33	5°38	16° 7	18°43	18°15	28°38	10° 9	6°29	0°52	0° 1	14°11	27° 5	T 12
F 13	17 22 45	21°23'23	3 II 6	18° 1	6°38	16°51	18°53	18°22	28°36	10° 7	6°29	0°49	29 II 58	14°17	27° 7	F 13
S 14	17 26 41	22°20'44	17°22	17°29	7°38	17°35	19° 4	18°29	28°35	10° 5	6°29	0°46	29°55	14°24	27°10	S 14
S 15	17 30 38	23°18'03	1 II 41	17° 0	8°37	18°19	19°13	18°37	28°34	10° 4	6°29	0°44	29°52	14°31	27°12	S 15
M16	17 34 34	24°15'22	15°58	16°33	9°35	19° 3	19°23	18°44	28°33	10° 2	6°29	0°43	29°48	14°38	27°14	M16
T 17	17 38 31	25°12'40	0 II 11	16° 9	10°34	19°47	19°33	18°51	28°32	10° 1	6°D29	0°D43	29°45	14°44	27°17	T 17
W18	17 42 27	26° 9'57	14°18	15°47	11°32	20°31	19°43	18°59	28°31	9°59	6°29	0°44	29°42	14°51	27°19	W18
T 19	17 46 24	27° 7'13	28°16	15°30	12°29	21°14	19°52	19° 6	28°30	9°58	6°29	0°45	29°39	14°58	27°21	T 19
F 20	17 50 21	28° 4'28	12 II 6	15°16	13°26	21°58	20° 1	19°14	28°29	9°56	6°29	0°47	29°36	15° 4	27°23	F 20
S 21	17 54 17	29° 1'43	25°44	15° 7	14°23	22°42	20°11	19°21	28°28	9°55	6°29	0°R48	29°32	15°11	27°25	S 21
S 22	17 58 14	29°58'57	9 II 11	15° 2	15°19	23°25	20°20	19°29	28°27	9°53	6°29	0°47	29°29	15°18	27°27	S 22
M23	18 2 10	0 II 56'11	22°25	15°D 1	16°14	24° 8	20°29	19°36	28°27	9°52	6°29	0°46	29°26	15°25	27°29	M23
T 24	18 6 7	1°53'24	5 II 26	15° 5	17° 9	24°52	20°38	19°44	28°26	9°50	6°30	0°43	29°23	15°31	27°31	T 24
W25	18 10 3	2°50'36	18°13	15°14	18° 4	25°35	20°46	19°51	28°25	9°49	6°30	0°38	29°20	15°38	27°33	W25
T 26	18 14 0	3°47'49	0 II 45	15°27	18°58	26°18	20°55	19°59	28°25	9°47	6°30	0°33	29°17	15°45	27°35	T 26
F 27	18 17 56	4°45'01	13° 5	15°46	19°51	27° 1	21° 3	20° 6	28°24	9°46	6°30	0°27	29°13	15°51	27°37	F 27
S 28	18 21 53	5°42'13	25°13	16° 9	20°44	27°44	21°12	20°14	28°24	9°44	6°31	0°22	29°10	15°58	27°39	S 28
S 29	18 25 50	6°39'25	7 II 12	16°36	21°36	28°27	21°20	20°22	28°23	9°43	6°31	0°17	29° 7	16° 5	27°40	S 29
M30	18 29 46	7 II 36'37	19 II 6	17 II 9	22 II 28	29 II 10	21 II 28	20 II 29	28 II 23	9 II 42	6 II 32	0 II 14	29 II 4	16 II 12	27 II 42	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
S 1	21n56	6s48	5n16	22n54	0s23	23n46	2n33	1n39	1s39	5n30	1s11	22n16	0s 6	10s34	0n33	20s26	1n36	13n 3	17n 4	20s20	20s17	2s 3	10n46	0n32			
M 2	22 5	2 35	5 12	22 36	0 40	23 33	2 32	1 56	1 39	5 34	1 11	22 15	0 6	10 34	0 33	20 25	1 36	13 3	17 4	20 20	20 16	2 1	10 47	0 32			
T 3	22 12	1n44	4 53	22 18	0 57	23 21	2 31	2 14	1 39	5 38	1 11	22 14	0 6	10 33	0 33	20 25	1 36	13 3	17 3	20 20	20 15	1 58	10 48	0 32			
W 4	22 20	5 59	4 22	22 0	1 14	23 7	2 30	2 31	1 40	5 42	1 11	22 13	0 6	10 33	0 33	20 25	1 36	13 2	17 3	20 20	20 15	1 56	10 49	0 32			
T 5	22 27	10 5	3 40	21 41	1 32	22 53	2 29	2 48	1 40	5 46	1 11	22 12	0 6	10 32	0 33	20 25	1 36	13 2	17 2	20 20	20 14	1 54	10 50	0 32			
F 6	22 34	13 49	2 46	21 22	1 49	22 39	2 27	3 5	1 40	5 50	1 11	22 12	0 6	10 31	0 33	20 24	1 36	13 2	17 2	20 21	20 13	1 51	10 51	0 32			
S 7	22 40	17 2	1 44	21 4	2 6	22 24	2 25	3 23	1 40	5 54	1 12	22 11	0 6	10 31	0 33	20 24	1 36	13 2	17 1	20 21	20 13	1 49	10 52	0 32			
S 8	22 46	19 30	0 35	20 45	2 23	22 9	2 24	3 40	1 40	5 58	1 12	22 10	0 6	10 31	0 33	20 24	1 36	13 1	17 1	20 21	20 12	1 47	10 52	0 32			
M 9	22 52	20 59	0s38	20 27	2 39	21 53	2 22	3 57	1 40	6 2	1 12	22 9	0 6	10 30	0 33	20 24	1 36	13 1	17 0	20 21	20 11	1 44	10 53	0 32			
T 10	22 57	21 20	1 50	20 9	2 54	21 37	2 20	4 14	1 40	6 6	1 12	22 8	0 5	10 30	0 33	20 24	1 36	13 1	17 0	20 21	20 11	1 42	10 54	0 32			
W11	23 1	20 24	2 57	19 52	3 9	21 20	2 18	4 31	1 40	6 9	1 12	22 7	0 5	10 29	0 33	20 23	1 36	13 0	16 59	20 20	20 10	1 39	10 55	0 32			
T 12	23 6	18 14	3 54	19 35	3 22	21 3	2 15	4 48	1 40	6 13	1 12	22 7	0 5	10 29	0 33	20 23	1 36	13 0	16 59	20 20	20 9	1 37	10 56	0 32			
F 13	23 10	14 57	4 39	19 20	3 35	20 45	2 13	5 5	1 40	6 17	1 13	22 6	0 5	10 28	0 33	20 23	1 36	12 59	16 58	20 19	20 9	1 35	10 57	0 32			
S 14	23 13	10 46	5 6	19 6	3 46	20 28	2 10	5 21	1 40	6 20	1 13	22 5	0 5	10 28	0 33	20 23	1 36	12 59	16 58	20 19	20 8	1 32	10 57	0 32			
S 15	23 16	5 59	5 14	18 53	3 56	20 9	2 7	5 38	1 40	6 24	1 13	22 4	0 5	10 28	0 33	20 22	1 36	12 59	16 57	20 18	20 7	1 30	10 58	0 32			
M16	23 19	0 52	5 3	18 42	4 5	19 51	2 4	5 55	1 40	6 28	1 13	22 3	0 5	10 27	0 33	20 22	1 36	12 58	16 57	20 18	20 7	1 28	10 59	0 32			
T 17	23 21	4s16	4 34	18 33	4 12	19 32	2 1	6 11	1 40	6 31	1 13	22 2	0 5	10 27	0 32	20 22	1 36	12 58	16 56	20 18	20 6	1 25	11 0	0 32			
W18	23 23	9 8	3 48	18 25	4 18	19 13	1 58	6 28	1 40	6 34	1 14	22 1	0 5	10 27	0 32	20 22	1 36	12 57	16 56	20 18	20 5	1 23	11 1	0 32			
T 19	23 25	13 30	2 49	18 18	4 22	18 53	1 55	6 44	1 40	6 38	1 14	22 0	0 5	10 26	0 32	20 22	1 36	12 57	16 55	20 19	20 5	1 21	11 1	0 32			
F 20	23 26	17 4	1 41	18 14	4 26	18 34	1 51	7 0	1 40	6 41	1 14	21 59	0 5	10 26	0 32	20 21	1 36	12 56	16 54	20 19	20 4	1 18	11 2	0 32			
S 21	23 26	19 39	0 28	18 11	4 27	18 14	1 47	7 17	1 40	6 44	1 14	21 58	0 4	10 26	0 32	20 21	1 36	12 56	16 54	20 19	20 3	1 16	11 3	0 32			
S 22	23 26	21 4	0n46	18 10	4 28	17 53	1 43	7 33	1 40	6 48	1 14	21 57	0 4	10 25	0 32	20 21	1 36	12 55	16 53	20 19	20 3	1 14	11 3	0 31			
M23	23 26	21 18	1 56	18 11	4 27	17 33	1 39	7 49	1 40	6 51	1 15	21 56	0 4	10 25	0 32	20 21	1 36	12 55	16 53	20 19	20 2	1 11	11 4	0 31			
T 24	23 26	20 22	2 58	18 13	4 25	17 12	1 35	8 5	1 40	6 54	1 15	21 55	0 4	10 25	0 32	20 21	1 36	12 54	16 52	20 18	20 1	1 9	11 5	0 31			
W25	23 25	18 24	3 50	18 17	4 22	16 51	1 30	8 20	1 40	6 57	1 15	21 54	0 4	10 25	0 32	20 20	1 36	12 53	16 52	20 17	20 1	1 6	11 5	0 31			
T 26	23 23	15 35	4 30	18 23	4 17	16 29	1 25	8 36	1 40	7 0	1 15	21 53	0 4	10 25	0 32	20 20	1 36	12 53	16 51	20 16	20 0	1 4	11 6	0 31			
F 27	23 21	12 9	4 57	18 30	4 12	16 8	1 20	8 52	1 40	7 3	1 15	21 52	0 4	10 24	0 32	20 20	1 36	12 52	16 51	20 15	19 59	1 2	11 7	0 31			
S 28	23 19	8 15	5 10	18 39	4 6	15 46	1 15	9 7	1 40	7 6	1 16	21 51	0 4	10 24	0 32	20 20	1 36	12 52	16 50	20 14	19 58	0 59	11 7	0 31			
S 29	23 16	4 5	5 9	18 48	3 59	15 25	1 10	9 23	1 39	7 9	1 16	21 50	0 4	10 24	0 32	20 20	1 36	12 51	16 50	20 13	19 58	0 57	11 8	0 31			
M30	23n13	0n12	4n54	18n59	3s51	15n 3	1n 4	9n38	1s39	7n12	1s16	21n49	0s 4	10s24	0n32	20s20	1n36	12n50	16n49	20s12	19s57	0s55	11n 8	0n31			

ASTRODIENST EPHEMERIS for the year 1975

geocentric

JULY 1975

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 33 43	8°33'50	0°V58	17°II46	23°L19	29°V53	21°V36	20°S37	28°R22	9°R40	6°S32	0°R12	29°M 1	16°K18	27°V44	T 1
W 2	18 37 39	9°31'02	12°S4	18°28	24° 9	0°S36	21°44	20°45	28°S22	9°S39	6°33	0°D12	28°58	16°25	27°45	W 2
T 3	18 41 36	10°28'14	24°S8	19°14	24°58	1°18	21°51	20°52	28°22	9°37	6°33	0°S13	28°54	16°32	27°47	T 3
F 4	18 45 32	11°25'27	7°S15	20° 5	25°47	2° 1	21°59	21° 0	28°22	9°36	6°34	0°14	28°51	16°38	27°48	F 4
S 5	18 49 29	12°22'40	19°49	21° 0	26°35	2°43	22° 6	21° 8	28°22	9°35	6°34	0°15	28°48	16°45	27°50	S 5
S 6	18 53 25	13°19'53	2°II44	22° 0	27°23	3°26	22°13	21°15	28°22	9°34	6°35	0°R16	28°45	16°52	27°51	S 6
M 7	18 57 22	14°17'06	16° 3	23° 4	28° 9	4° 8	22°21	21°23	28°D21	9°32	6°35	0°15	28°42	16°59	27°53	M 7
T 8	19 1 19	15°14'20	29°47	24°12	28°55	4°50	22°27	21°31	28°21	9°31	6°36	0°12	28°38	17° 5	27°54	T 8
W 9	19 5 15	16°11'34	13°S53	25°25	29°40	5°32	22°34	21°39	28°22	9°30	6°37	0° 7	28°35	17°12	27°55	W 9
T 10	19 9 12	17° 8'48	28°17	26°42	0°II23	6°14	22°41	21°46	28°22	9°29	6°37	0° 0	28°32	17°19	27°56	T 10
F 11	19 13 8	18° 6'01	12°S54	28° 3	1° 6	6°56	22°47	21°54	28°22	9°27	6°38	29°M53	28°29	17°25	27°57	F 11
S 12	19 17 5	19° 3'15	27°36	29°27	1°48	7°38	22°53	22° 2	28°22	9°26	6°39	29°46	28°26	17°32	27°59	S 12
S 13	19 21 1	20° 0'29	12°M16	0°S56	2°29	8°20	23° 0	22°10	28°22	9°25	6°40	29°40	28°23	17°39	28° 0	S 13
M14	19 24 58	20°57'43	26°47	2°29	3° 9	9° 1	23° 6	22°18	28°23	9°24	6°41	29°35	28°19	17°46	28° 1	M14
T 15	19 28 54	21°54'57	11°S 6	4° 5	3°48	9°43	23°11	22°25	28°23	9°23	6°42	29°33	28°16	17°52	28° 2	T 15
W16	19 32 51	22°52'11	25° 9	5°46	4°26	10°24	23°17	22°33	28°24	9°22	6°43	29°D33	28°13	17°59	28° 2	W16
T 17	19 36 48	23°49'25	8°M57	7°29	5° 2	11° 5	23°22	22°41	28°24	9°21	6°44	29°33	28°10	18° 6	28° 3	T 17
F 18	19 40 44	24°46'39	22°29	9°16	5°38	11°46	23°28	22°49	28°25	9°20	6°45	29°34	28° 7	18°12	28° 4	F 18
S 19	19 44 41	25°43'53	5°S46	11° 6	6°12	12°27	23°33	22°57	28°25	9°19	6°46	29°R34	28° 4	18°19	28° 5	S 19
S 20	19 48 37	26°41'08	18°51	13° 0	6°44	13° 8	23°38	23° 4	28°26	9°18	6°47	29°32	28° 0	18°26	28° 6	S 20
M21	19 52 34	27°38'23	1°S44	14°55	7°16	13°49	23°43	23°12	28°27	9°17	6°48	29°28	27°57	18°33	28° 6	M21
T 22	19 56 30	28°35'38	14°25	16°54	7°45	14°30	23°47	23°20	28°27	9°16	6°49	29°22	27°54	18°39	28° 7	T 22
W23	20 0 27	29°32'53	26°56	18°54	8°14	15°10	23°52	23°28	28°28	9°15	6°50	29°13	27°51	18°46	28° 7	W23
T 24	20 4 23	0°S0'09	9°S17	20°56	8°41	15°51	23°56	23°35	28°29	9°14	6°51	29° 3	27°48	18°53	28° 8	T 24
F 25	20 8 20	1°27'26	21°28	23° 0	9° 6	16°31	24° 0	23°43	28°30	9°13	6°52	28°51	27°44	18°59	28° 8	F 25
S 26	20 12 17	2°24'44	3°K31	25° 5	9°29	17°11	24° 4	23°51	28°31	9°12	6°53	28°40	27°41	19° 6	28° 9	S 26
S 27	20 16 13	3°22'02	15°27	27°11	9°51	17°51	24° 8	23°59	28°32	9°12	6°55	28°30	27°38	19°13	28° 9	S 27
M28	20 20 10	4°19'21	27°19	29°17	10°11	18°31	24°11	24° 6	28°33	9°11	6°56	28°22	27°35	19°20	28° 9	M28
T 29	20 24 6	5°16'41	9°V 9	1°S24	10°29	19°11	24°14	24°14	28°34	9°10	6°57	28°17	27°32	19°26	28°10	T 29
W30	20 28 3	6°14'02	21° 3	3°31	10°46	19°51	24°18	24°22	28°35	9° 9	6°59	28°14	27°29	19°33	28°10	W30
T 31	20 31 59	7°S11'24	3°S 5	5°S37	11°M 0	20°S30	24°V21	24°S29	28°S36	9°S 9	7°S 0	28°D13	27°M25	19°K40	28°V10	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	lat
T 1	23n10	4n29	4n27	19n11	3s42	14n41	0n59	9n53	1s39	7n14	1s16	21n48	0s 4	10s24	0n32	20s19	1n36	12n50	16n49	20s12	19s56	0s52	11n 9	0n31
W 2	23 6	8 36	3 49	19 24	3 33	14 18	0 53	10 8	1 39	7 17	1 17	21 47	0 3	10 24	0 32	20 19	1 36	12 49	16 48	20 12	19 56	0 50	11 10	0 31
T 3	23 2	12 27	3 0	19 38	3 23	13 56	0 47	10 23	1 39	7 20	1 17	21 46	0 3	10 24	0 32	20 19	1 36	12 48	16 48	20 12	19 55	0 48	11 10	0 31
F 4	22 57	15 51	2 2	19 53	3 12	13 34	0 41	10 38	1 38	7 22	1 17	21 45	0 3	10 24	0 32	20 19	1 36	12 48	16 47	20 12	19 54	0 45	11 11	0 31
S 5	22 52	18 36	0 56	20 8	3 1	13 11	0 34	10 53	1 38	7 25	1 17	21 44	0 3	10 24	0 32	20 19	1 36	12 47	16 47	20 12	19 54	0 43	11 11	0 31
S 6	22 46	20 29	0s13	20 23	2 49	12 49	0 27	11 7	1 38	7 27	1 17	21 43	0 3	10 24	0 32	20 19	1 36	12 46	16 46	20 12	19 53	0 41	11 11	0 31
M 7	22 41	21 19	1 24	20 38	2 37	12 26	0 20	11 22	1 38	7 30	1 18	21 41	0 3	10 24	0 32	20 18	1 36	12 46	16 46	20 12	19 52	0 38	11 12	0 31
T 8	22 34	20 54	2 33	20 54	2 25	12 4	0 13	11 36	1 37	7 32	1 18	21 40	0 3	10 24	0 32	20 18	1 36	12 45	16 45	20 12	19 51	0 36	11 12	0 31
W 9	22 28	19 11	3 33	21 9	2 12	11 41	0 6	11 50	1 37	7 34	1 18	21 39	0 3	10 24	0 32	20 18	1 35	12 44	16 45	20 11	19 51	0 34	11 13	0 31
T 10	22 20	16 14	4 22	21 25	1 59	11 18	0s 2	12 5	1 37	7 37	1 18	21 38	0 3	10 24	0 32	20 18	1 35	12 43	16 44	20 9	19 50	0 31	11 13	0 31
F 11	22 13	12 15	4 54	21 39	1 46	10 56	0 10	12 19	1 37	7 39	1 19	21 37	0 3	10 24	0 32	20 18	1 35	12 43	16 44	20 8	19 49	0 29	11 14	0 31
S 12	22 5	7 30	5 7	21 53	1 33	10 34	0 18	12 32	1 36	7 41	1 19	21 36	0 3	10 24	0 32	20 18	1 35	12 42	16 43	20 6	19 49	0 27	11 14	0 31
S 13	21 57	2 20	5 0	22 6	1 20	10 11	0 26	12 46	1 36	7 43	1 19	21 35	0 2	10 24	0 32	20 18	1 35	12 41	16 43	20 5	19 48	0 24	11 14	0 31
M14	21 48	2s54	4 33	22 18	1 7	9 49	0 34	13 0	1 36	7 45	1 19	21 33	0 2	10 24	0 32	20 17	1 35	12 40	16 42	20 4	19 47	0 22	11 15	0 31
T 15	21 39	7 55	3 50	22 29	0 54	9 27	0 43	13 13	1 35	7 47	1 20	21 32	0 2	10 25	0 32	20 17	1 35	12 39	16 42	20 3	19 47	0 20	11 15	0 30
W16	21 30	12 26	2 54	22 38	0 41	9 5	0 52	13 26	1 35	7 49	1 20	21 31	0 2	10 25	0 31	20 17	1 35	12 39	16 41	20 3	19 46	0 17	11 15	0 30
T 17	21 20	16 11	1 48	22 46	0 28	8 43	1 1	13 39	1 35	7 50	1 20	21 30	0 2	10 25	0 31	20 17	1 35	12 38	16 41	20 3	19 45	0 15	11 15	0 30
F 18	21 10	19 0	0 38	22 52	0 15	8 21	1 10	13 52	1 34	7 52	1 20	21 29	0 2	10 25	0 31	20 17	1 35	12 37	16 40	20 4	19 44	0 13	11 16	0 30
S 19	21 0	20 44	0n33	22 56	0 3	8 0	1 20	14 5	1 34	7 54	1 21	21 27	0 2	10 25	0 31	20 17	1 35	12 36	16 40	20 4	19 44	0 10	11 16	0 30
S 20	20 49	21 17	1 41	22 57	0n 9	7 39	1 30	14 18	1 33	7 55	1 21	21 26	0 2	10 26	0 31	20 17	1 35	12 35	16 39	20 3	19 43	0 8	11 16	0 30
M21	20 38	20 43	2 43	22 56	0 20	7 18	1 40	14 30	1 33	7 57	1 21	21 25	0 2	10 26	0 31	20 17	1 35	12 34	16 39	20 2	19 42	0 6	11 16	0 30
T 22	20 27	19 5	3 36	22 53	0 31	6 57	1 50	14 43	1 33	7 58	1 21	21 24	0 2	10 26	0 31	20 17	1 35	12 34	16 38	20 1	19 42	0 3	11 16	0 30
W23	20 15	16 34	4 17	22 47	0 41	6 37	2 1	14 55	1 32	8 0	1 22	21 23	0 2	10 27	0 31	20 17	1 35	12 33	16 38	19 59	19 41	0 1	11 17	0 30
T 24	20 3	13 21	4 45	22 39	0 51	6 17	2 12	15 7	1 32	8 1	1 22	21 21	0 2	10 27	0 31	20 16	1 35	12 32	16 37	19 57	19 40	0n 1	11 17	0 30
F 25	19 50	9 36	5 0	22 28	1 0	5 57	2 23	15 19	1 31	8 2	1 22	21 20	0 1	10 27	0 31	20 16	1 35	12 31	16 37	19 54	19 39	0 4	11 17	0 30
S 26	19 37	5 31	5 2	22 14	1 8	5 38	2 34	15 31	1 31	8 3	1 22	21 19	0 1	10 28	0 31	20 16	1 35	12 30	16 36	19 52	19 39	0 6	11 17	0 30
S 27	19 24	1 17	4 50	21 57	1 15	5 19	2 45	15 43	1 30	8 5	1 23	21 18	0 1	10 28	0 31	20 16	1 35	12 29	16 36	19 50	19 38	0 8	11 17	0 30
M28	19 11	3n 0	4 26	21 38	1 22	5 1	2 57	15 54	1 30	8 6	1 23	21 16	0 1	10 29	0 31	20 16	1 35	12 28	16 35	19 48	19 37	0 10	11 17	0 30
T 29	18 57	7 9	3 50	21 16	1 28	4 43	3 9	16 6	1 29	8 7	1 23	21 15	0 1	10 29	0 31	20 16	1 35	12 27	16 35	19 47	19 37	0 13	11 17	0 30
W30	18 43	11 3	4 3	20 52	1 33	4 26	3 21	16 17	1 29	8 8	1 23	21 14	0 1	10 29	0 31	20 16	1 35	12 26	16 35	19 46	19 36	0 15	11 17	0 30
T 31	18n29	14n34	2n 9	20n26	1n37	4n 9	3s33	16n28	1s28	8n 8	1s24	21n13	0s 1	10s30	0n31	20s16	1n35	12n25	16n34	19s46	19s35	0n17	11n17	0n30

ASTRODIENST EPHEMERIS for the year 1975

geocentric

AUGUST 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 35 56	8♌ 8'47	15♋ 19	7♌ 43	11♏ 12	21♏ 10	24♏ 23	24♏ 37	28♏ 38	9♏ 8	7♏ 1	28♏ 13	27♏ 22	19♏ 46	28♏ 10	F 1
S 2	20 39 52	9° 6'11	27° 51	9° 48	11° 23	21° 49	24° 26	24° 45	28° 39	9♏ 7	7° 3	28° R13	27° 19	19° 53	28° R10	S 2
S 3	20 43 49	10° 3'37	10♏ 46	11° 52	11° 31	22° 28	24° 28	24° 52	28° 40	9° 7	7° 4	28° 12	27° 16	20° 0	28° 10	S 3
M 4	20 47 46	11° 1'03	24° 8	13° 55	11° 37	23° 7	24° 31	25° 0	28° 42	9° 6	7° 6	28° 10	27° 13	20° 7	28° 10	M 4
T 5	20 51 42	11° 58'31	7♏ 58	15° 57	11° 41	23° 46	24° 33	25° 7	28° 43	9° 6	7° 7	28° 5	27° 10	20° 13	28° 10	T 5
W 6	20 55 39	12° 56'00	22° 15	17° 57	11° R43	24° 24	24° 35	25° 15	28° 45	9° 5	7° 9	27° 58	27° 6	20° 20	28° 9	W 6
T 7	20 59 35	13° 53'30	6♏ 56	19° 56	11° 42	25° 3	24° 36	25° 23	28° 46	9° 5	7° 10	27° 48	27° 3	20° 27	28° 9	T 7
F 8	21 3 32	14° 51'01	21° 54	21° 54	11° 39	25° 41	24° 38	25° 30	28° 48	9° 4	7° 12	27° 38	27° 0	20° 33	28° 9	F 8
S 9	21 7 28	15° 48'33	6♏ 59	23° 51	11° 34	26° 19	24° 39	25° 38	28° 49	9° 4	7° 13	27° 27	26° 57	20° 40	28° 8	S 9
S 10	21 11 25	16° 46'06	22° 1	25° 46	11° 26	26° 57	24° 40	25° 45	28° 51	9° 3	7° 15	27° 18	26° 54	20° 47	28° 8	S 10
M 11	21 15 21	17° 43'40	6♏ 52	27° 39	11° 16	27° 35	24° 41	25° 52	28° 53	9° 3	7° 17	27° 11	26° 50	20° 54	28° 8	M 11
T 12	21 19 18	18° 41'14	21° 24	29° 31	11° 4	28° 13	24° 41	26° 0	28° 55	9° 3	7° 18	27° 7	26° 47	21° 0	28° 7	T 12
W 13	21 23 15	19° 38'50	5♏ 34	1♏ 22	10° 49	28° 51	24° 42	26° 7	28° 57	9° 3	7° 20	27° 5	26° 44	21° 7	28° 6	W 13
T 14	21 27 11	20° 36'26	19° 21	3° 11	10° 32	29° 28	24° 42	26° 15	28° 58	9° 2	7° 22	27° 4	26° 41	21° 14	28° 6	T 14
F 15	21 31 8	21° 34'04	2♏ 47	4° 58	10° 12	0♏ 5	24° R42	26° 22	29° 0	9° 2	7° 24	27° 4	26° 38	21° 20	28° 5	F 15
S 16	21 35 4	22° 31'42	15° 53	6° 44	9° 50	0° 42	24° 42	26° 29	29° 2	9° 2	7° 25	27° 3	26° 35	21° 27	28° 4	S 16
S 17	21 39 1	23° 29'22	28° 43	8° 29	9° 26	1° 19	24° 42	26° 36	29° 4	9° 2	7° 27	27° 1	26° 31	21° 34	28° 4	S 17
M 18	21 42 57	24° 27'02	11♏ 20	10° 12	9° 0	1° 55	24° 41	26° 44	29° 6	9° 2	7° 29	26° 55	26° 28	21° 41	28° 3	M 18
T 19	21 46 54	25° 24'44	23° 46	11° 54	8° 33	2° 32	24° 40	26° 51	29° 9	9° 1	7° 31	26° 47	26° 25	21° 47	28° 2	T 19
W 20	21 50 50	26° 22'26	6♏ 3	13° 34	8° 3	3° 8	24° 40	26° 58	29° 11	9° 1	7° 33	26° 36	26° 22	21° 54	28° 1	W 20
T 21	21 54 47	27° 20'10	18° 12	15° 13	7° 31	3° 44	24° 38	27° 5	29° 13	9° 1	7° 34	26° 23	26° 19	22° 1	28° 0	T 21
F 22	21 58 44	28° 17'56	0♏ 14	16° 50	6° 59	4° 20	24° 37	27° 12	29° 15	9° D 1	7° 36	26° 9	26° 15	22° 7	27° 59	F 22
S 23	22 2 40	29° 15'42	12° 11	18° 26	6° 25	4° 56	24° 36	27° 19	29° 17	9° 1	7° 38	25° 55	26° 12	22° 14	27° 58	S 23
S 24	22 6 37	0♏ 13'30	24° 3	20° 0	5° 49	5° 31	24° 34	27° 26	29° 20	9° 1	7° 40	25° 43	26° 9	22° 21	27° 57	S 24
M 25	22 10 33	1° 11'20	5♏ 54	21° 34	5° 13	6° 6	24° 32	27° 33	29° 22	9° 2	7° 42	25° 33	26° 6	22° 28	27° 56	M 25
T 26	22 14 30	2° 9'11	17° 44	23° 5	4° 36	6° 41	24° 30	27° 40	29° 25	9° 2	7° 44	25° 25	26° 3	22° 34	27° 54	T 26
W 27	22 18 26	3° 7'04	29° 38	24° 36	3° 59	7° 16	24° 28	27° 47	29° 27	9° 2	7° 46	25° 21	26° 0	22° 41	27° 53	W 27
T 28	22 22 23	4° 4'59	11♏ 39	26° 5	3° 22	7° 51	24° 25	27° 54	29° 29	9° 2	7° 48	25° 19	25° 56	22° 48	27° 52	T 28
F 29	22 26 19	5° 2'56	23° 51	27° 32	2° 45	8° 25	24° 22	28° 0	29° 32	9° 2	7° 50	25° D18	25° 53	22° 54	27° 50	F 29
S 30	22 30 16	6° 0'55	6♏ 21	28° 59	2° 8	8° 59	24° 19	28° 7	29° 35	9° 2	7° 52	25° R18	25° 50	23° 1	27° 49	S 30
S 31	22 34 13	6♏ 58'55	19♏ 12	0♏ 23	1♏ 32	9♏ 33	24° 16	28° 14	29° 37	9♏ 3	7° 54	25° 18	25° 47	23° 8	27° 47	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	18n14	17n31	1n 8	19n57	1n40	3n53	3s45	16n39	1s27	8n 9	1s24	21n11	0s 1	10s30	0n31	F 1
S 2	17 59	19 43	0 2	19 27	1 43	3 38	3 58	16 49	1 27	8 10	1 24	21 10	0 1	10 31	0 31	S 2
S 3	17 44	20 58	1s 6	18 55	1 45	3 23	4 10	17 0	1 26	8 10	1 25	21 9	0 1	10 31	0 31	S 3
M 4	17 28	21 6	2 13	18 21	1 46	3 9	4 23	17 10	1 26	8 11	1 25	21 7	0 1	10 32	0 31	M 4
T 5	17 12	19 58	3 14	17 45	1 46	2 55	4 36	17 21	1 25	8 12	1 25	21 6	0 0	10 32	0 31	T 5
W 6	16 56	17 34	4 5	17 8	1 46	2 43	4 49	17 31	1 24	8 12	1 25	21 5	0 0	10 33	0 31	W 6
T 7	16 40	14 0	4 42	16 30	1 45	2 31	5 2	17 41	1 24	8 12	1 26	21 4	0 0	10 34	0 31	T 7
F 8	16 23	9 29	5 0	15 50	1 44	2 20	5 15	17 50	1 23	8 13	1 26	21 2	0 0	10 34	0 31	F 8
S 9	16 6	4 21	4 57	15 10	1 42	2 10	5 28	18 0	1 22	8 13	1 26	21 1	0 0	10 35	0 31	S 9
S 10	15 49	1s 2	4 34	14 29	1 39	2 1	5 41	18 9	1 22	8 13	1 26	21 0	0 0	10 35	0 31	S 10
M 11	15 31	6 17	3 52	13 47	1 36	1 53	5 54	18 19	1 21	8 13	1 27	20 58	0n 0	10 36	0 31	M 11
T 12	15 14	11 4	2 57	13 5	1 32	1 46	6 6	18 28	1 20	8 13	1 27	20 57	0 0	10 37	0 31	T 12
W 13	14 56	15 7	1 51	12 22	1 28	1 40	6 19	18 37	1 19	8 13	1 27	20 56	0 0	10 37	0 30	W 13
T 14	14 37	18 13	0 41	11 38	1 24	1 35	6 31	18 45	1 19	8 13	1 27	20 55	0 0	10 38	0 30	T 14
F 15	14 19	20 13	0n30	10 55	1 19	1 31	6 43	18 54	1 18	8 13	1 28	20 53	0 0	10 39	0 30	F 15
S 16	14 0	21 4	1 38	10 10	1 13	1 29	6 54	19 2	1 17	8 12	1 28	20 52	0 0	10 40	0 30	S 16
S 17	13 41	20 47	2 39	9 26	1 8	1 27	7 6	19 11	1 16	8 12	1 28	20 51	0 1	10 40	0 30	S 17
M 18	13 22	19 27	3 31	8 42	1 2	1 27	7 16	19 19	1 16	8 11	1 28	20 49	0 1	10 41	0 30	M 18
T 19	13 3	17 13	4 12	7 57	0 55	1 27	7 27	19 27	1 15	8 11	1 29	20 48	0 1	10 42	0 30	T 19
W 20	12 44	14 13	4 41	7 13	0 49	1 29	7 36	19 35	1 14	8 10	1 29	20 47	0 1	10 43	0 30	W 20
T 21	12 24	10 40	4 57	6 28	0 42	1 32	7 45	19 42	1 13	8 10	1 29	20 45	0 1	10 43	0 30	T 21
F 22	12 4	6 43	4 59	5 44	0 35	1 37	7 54	19 50	1 12	8 9	1 30	20 44	0 1	10 44	0 30	F 22
S 23	11 44	2 33	4 48	5 0	0 28	1 42	8 1	19 57	1 11	8 8	1 30	20 43	0 1	10 45	0 30	S 23
S 24	11 24	1n41	4 24	4 16	0 20	1 48	8 8	20 4	1 10	8 7	1 30	20 42	0 1	10 46	0 30	S 24
M 25	11 3	5 51	3 50	3 32	0 12	1 56	8 14	20 11	1 9	8 6	1 30	20 40	0 1	10 47	0 30	M 25
T 26	10 43	9 48	3 5	2 49	0 4	2 4	8 19	20 18	1 9	8 5	1 31	20 39	0 1	10 48	0 30	T 26
W 27	10 22	13 23	2 11	2 6	0s 4	2 13	8 24	20 25	1 8	8 4	1 31	20 38	0 1	10 49	0 30	W 27
T 28	10 1	16 28	1 12	1 23	0 12	2 23	8 27	20 31	1 7	8 3	1 31	20 37	0 2	10 50	0 30	T 28
F 29	9 40	18 52	0 8	0 40	0 20	2 34	8 29	20 38	1 6	8 2	1 31	20 35	0 2	10 50	0 30	F 29
S 30	9 18	20 25	0s58	0s 2	0 28	2 45	8 31	20 44	1 5	8 1	1 31	20 34	0 2	10 51	0 30	S 30
S 31	8n57	20n57	2s 3	0s43	0s37	2n57	8s32	20n50	1s 4	7n59	1s32	20n33	0n 2	10s52	0n30	S 31

Julian Day Number = 2442625.5, Delta T = 46.04 sec
 Ecliptic obliquity = 23°26'28, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°23'57, Lahiri = 23°30'58

ASTRODIENST EPHEMERIS for the year 1975

geocentric

SEPTEMBER 1975

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 38 9	7 ^h 56 ^m 57 ^s	2 ^h 29 ^m	1 ^h 47 ^m	0 ^h R56	10 ^h II 7	24 ^h R13	28 ^h 20 ^m	29 ^h 40 ^m	9 ^h 3 ^m	7 ^h 56 ^m	25 ^h R16	25 ^h ML44	23 ^h 14 ^m	27 ^h R46	M 1
T 2	22 42 6	8 ^h 55 ^m 02 ^s	16 ^h 15 ^m	3 ^h 8 ^m	0 ^h mp22	10 ^h 40 ^m	24 ^h Y10	28 ^h 27 ^m	29 ^h 43 ^m	9 ^h 3 ^m	7 ^h 58 ^m	25 ^h ML11	25 ^h 41 ^m	23 ^h 21 ^m	27 ^h Y44	T 2
W 3	22 46 2	9 ^h 53 ^m 08 ^s	0 ^h 21 ^m	4 ^h 29 ^m	29 ^h 24 ^m	11 ^h 13 ^m	24 ^h 6 ^m	28 ^h 34 ^m	29 ^h 45 ^m	9 ^h 4 ^m	8 ^h 0 ^m	25 ^h 4 ^m	25 ^h 37 ^m	23 ^h 28 ^m	27 ^h 43 ^m	W 3
T 4	22 49 59	10 ^h 51 ^m 16 ^s	15 ^h 15 ^m	5 ^h 47 ^m	29 ^h 17 ^m	11 ^h 46 ^m	24 ^h 2 ^m	28 ^h 40 ^m	29 ^h 48 ^m	9 ^h 4 ^m	8 ^h 3 ^m	24 ^h 55 ^m	25 ^h 34 ^m	23 ^h 35 ^m	27 ^h 41 ^m	T 4
F 5	22 53 55	11 ^h 49 ^m 26 ^s	0 ^h mp19	7 ^h 5 ^m	28 ^h 46 ^m	12 ^h 19 ^m	23 ^h 58 ^m	28 ^h 46 ^m	29 ^h 51 ^m	9 ^h 5 ^m	8 ^h 5 ^m	24 ^h 45 ^m	25 ^h 31 ^m	23 ^h 41 ^m	27 ^h 39 ^m	F 5
S 6	22 57 52	12 ^h 47 ^m 37 ^s	15 ^h 36 ^m	8 ^h 20 ^m	28 ^h 18 ^m	12 ^h 52 ^m	23 ^h 54 ^m	28 ^h 53 ^m	29 ^h 54 ^m	9 ^h 5 ^m	8 ^h 7 ^m	24 ^h 35 ^m	25 ^h 28 ^m	23 ^h 48 ^m	27 ^h 38 ^m	S 6
S 7	23 1 48	13 ^h 45 ^m 50 ^s	0 ^h 25 ^m	9 ^h 34 ^m	27 ^h 51 ^m	13 ^h 24 ^m	23 ^h 50 ^m	28 ^h 59 ^m	29 ^h 56 ^m	9 ^h 6 ^m	8 ^h 9 ^m	24 ^h 26 ^m	25 ^h 25 ^m	23 ^h 55 ^m	27 ^h 36 ^m	S 7
M 8	23 5 45	14 ^h 44 ^m 05 ^s	15 ^h 58 ^m	10 ^h 46 ^m	27 ^h 27 ^m	13 ^h 56 ^m	23 ^h 45 ^m	29 ^h 5 ^m	29 ^h 59 ^m	9 ^h 6 ^m	8 ^h 11 ^m	24 ^h 19 ^m	25 ^h 21 ^m	24 ^h 1 ^m	27 ^h 34 ^m	M 8
T 9	23 9 42	15 ^h 42 ^m 22 ^s	0 ^h ML45	11 ^h 56 ^m	27 ^h 4 ^m	14 ^h 27 ^m	23 ^h 40 ^m	29 ^h 12 ^m	0 ^h ML 2	9 ^h 7 ^m	8 ^h 13 ^m	24 ^h 14 ^m	25 ^h 18 ^m	24 ^h 8 ^m	27 ^h 32 ^m	T 9
W10	23 13 38	16 ^h 40 ^m 40 ^s	15 ^h 7 ^m	13 ^h 4 ^m	26 ^h 44 ^m	14 ^h 58 ^m	23 ^h 35 ^m	29 ^h 18 ^m	0 ^h 5 ^m	9 ^h 7 ^m	8 ^h 15 ^m	24 ^h 12 ^m	25 ^h 15 ^m	24 ^h 15 ^m	27 ^h 30 ^m	W10
T 11	23 17 35	17 ^h 39 ^m 00 ^s	29 ^h 3 ^m	14 ^h 10 ^m	26 ^h 26 ^m	15 ^h 29 ^m	23 ^h 30 ^m	29 ^h 24 ^m	0 ^h 8 ^m	9 ^h 8 ^m	8 ^h 18 ^m	24 ^h D12	25 ^h 12 ^m	24 ^h 22 ^m	27 ^h 28 ^m	T 11
F 12	23 21 31	18 ^h 37 ^m 21 ^s	12 ^h 27 ^m	15 ^h 13 ^m	26 ^h 10 ^m	16 ^h 0 ^m	23 ^h 25 ^m	29 ^h 30 ^m	0 ^h 11 ^m	9 ^h 9 ^m	8 ^h 20 ^m	24 ^h R13	25 ^h 9 ^m	24 ^h 28 ^m	27 ^h 26 ^m	F 12
S 13	23 25 28	19 ^h 35 ^m 44 ^s	25 ^h 37 ^m	16 ^h 15 ^m	25 ^h 57 ^m	16 ^h 31 ^m	23 ^h 20 ^m	29 ^h 36 ^m	0 ^h 14 ^m	9 ^h 10 ^m	8 ^h 22 ^m	24 ^h 13 ^m	25 ^h 6 ^m	24 ^h 35 ^m	27 ^h 24 ^m	S 13
S 14	23 29 24	20 ^h 34 ^m 08 ^s	8 ^h 22 ^m	17 ^h 14 ^m	25 ^h 46 ^m	17 ^h 1 ^m	23 ^h 14 ^m	29 ^h 42 ^m	0 ^h 17 ^m	9 ^h 10 ^m	8 ^h 24 ^m	24 ^h 11 ^m	25 ^h 2 ^m	24 ^h 42 ^m	27 ^h 22 ^m	S 14
M15	23 33 21	21 ^h 32 ^m 34 ^s	20 ^h 51 ^m	18 ^h 10 ^m	25 ^h 37 ^m	17 ^h 30 ^m	23 ^h 8 ^m	29 ^h 47 ^m	0 ^h 21 ^m	9 ^h 11 ^m	8 ^h 27 ^m	24 ^h 7 ^m	24 ^h 59 ^m	24 ^h 48 ^m	27 ^h 20 ^m	M15
T 16	23 37 17	22 ^h 31 ^m 01 ^s	3 ^h 22 ^m	19 ^h 3 ^m	25 ^h 31 ^m	18 ^h 0 ^m	23 ^h 3 ^m	29 ^h 53 ^m	0 ^h 24 ^m	9 ^h 12 ^m	8 ^h 29 ^m	24 ^h 1 ^m	24 ^h 56 ^m	24 ^h 55 ^m	27 ^h 18 ^m	T 16
W17	23 41 14	23 ^h 29 ^m 31 ^s	15 ^h 15 ^m	19 ^h 53 ^m	25 ^h 27 ^m	18 ^h 29 ^m	22 ^h 57 ^m	29 ^h 59 ^m	0 ^h 27 ^m	9 ^h 13 ^m	8 ^h 31 ^m	23 ^h 52 ^m	24 ^h 53 ^m	25 ^h 2 ^m	27 ^h 16 ^m	W17
T 18	23 45 11	24 ^h 28 ^m 01 ^s	27 ^h 15 ^m	20 ^h 40 ^m	25 ^h D26	18 ^h 58 ^m	22 ^h 50 ^m	0 ^h 24 ^m	0 ^h 30 ^m	9 ^h 14 ^m	8 ^h 33 ^m	23 ^h 42 ^m	24 ^h 50 ^m	25 ^h 8 ^m	27 ^h 14 ^m	T 18
F 19	23 49 7	25 ^h 26 ^m 34 ^s	9 ^h 10 ^m	21 ^h 24 ^m	25 ^h 27 ^m	19 ^h 26 ^m	22 ^h 44 ^m	0 ^h 10 ^m	0 ^h 33 ^m	9 ^h 14 ^m	8 ^h 36 ^m	23 ^h 31 ^m	24 ^h 47 ^m	25 ^h 15 ^m	27 ^h 11 ^m	F 19
S 20	23 53 4	26 ^h 25 ^m 09 ^s	21 ^h 3 ^m	22 ^h 3 ^m	25 ^h 30 ^m	19 ^h 55 ^m	22 ^h 38 ^m	0 ^h 15 ^m	0 ^h 37 ^m	9 ^h 15 ^m	8 ^h 38 ^m	23 ^h 20 ^m	24 ^h 43 ^m	25 ^h 22 ^m	27 ^h 9 ^m	S 20
S 21	23 57 0	27 ^h 23 ^m 45 ^s	2 ^h Y54	22 ^h 39 ^m	25 ^h 36 ^m	20 ^h 22 ^m	22 ^h 31 ^m	0 ^h 21 ^m	0 ^h 40 ^m	9 ^h 16 ^m	8 ^h 40 ^m	23 ^h 10 ^m	24 ^h 40 ^m	25 ^h 29 ^m	27 ^h 7 ^m	S 21
M22	0 0 57	28 ^h 22 ^m 23 ^s	14 ^h 46 ^m	23 ^h 10 ^m	25 ^h 44 ^m	20 ^h 50 ^m	22 ^h 25 ^m	0 ^h 26 ^m	0 ^h 43 ^m	9 ^h 17 ^m	8 ^h 42 ^m	23 ^h 2 ^m	24 ^h 37 ^m	25 ^h 35 ^m	27 ^h 4 ^m	M22
T 23	0 4 53	29 ^h 21 ^m 04 ^s	26 ^h 40 ^m	23 ^h 36 ^m	25 ^h 54 ^m	21 ^h 17 ^m	22 ^h 18 ^m	0 ^h 31 ^m	0 ^h 46 ^m	9 ^h 18 ^m	8 ^h 45 ^m	22 ^h 56 ^m	24 ^h 34 ^m	25 ^h 42 ^m	27 ^h 2 ^m	T 23
W24	0 8 50	0 ^h 21 ^m 46 ^s	8 ^h 38 ^m	23 ^h 57 ^m	26 ^h 6 ^m	21 ^h 44 ^m	22 ^h 11 ^m	0 ^h 37 ^m	0 ^h 50 ^m	9 ^h 19 ^m	8 ^h 47 ^m	22 ^h 52 ^m	24 ^h 31 ^m	25 ^h 49 ^m	27 ^h 0 ^m	W24
T 25	0 12 46	1 ^h 18 ^m 31 ^s	20 ^h 43 ^m	24 ^h 13 ^m	26 ^h 20 ^m	22 ^h 10 ^m	22 ^h 4 ^m	0 ^h 42 ^m	0 ^h 53 ^m	9 ^h 20 ^m	8 ^h 49 ^m	22 ^h D51	24 ^h 27 ^m	25 ^h 55 ^m	26 ^h 57 ^m	T 25
F 26	0 16 43	2 ^h 17 ^m 18 ^s	2 ^h II59	24 ^h 22 ^m	26 ^h 36 ^m	22 ^h 36 ^m	21 ^h 57 ^m	0 ^h 47 ^m	0 ^h 57 ^m	9 ^h 22 ^m	8 ^h 52 ^m	22 ^h 52 ^m	24 ^h 24 ^m	26 ^h 2 ^m	26 ^h 55 ^m	F 26
S 27	0 20 39	3 ^h 16 ^m 07 ^s	15 ^h 29 ^m	24 ^h R25	26 ^h 55 ^m	23 ^h 2 ^m	21 ^h 49 ^m	0 ^h 52 ^m	1 ^h 0 ^m	9 ^h 23 ^m	8 ^h 54 ^m	22 ^h 53 ^m	24 ^h 21 ^m	26 ^h 9 ^m	26 ^h 52 ^m	S 27
S 28	0 24 36	4 ^h 14 ^m 59 ^s	28 ^h 19 ^m	24 ^h 22 ^m	27 ^h 15 ^m	23 ^h 27 ^m	21 ^h 42 ^m	0 ^h 57 ^m	1 ^h 3 ^m	9 ^h 24 ^m	8 ^h 56 ^m	22 ^h R54	24 ^h 18 ^m	26 ^h 15 ^m	26 ^h 50 ^m	S 28
M29	0 28 33	5 ^h 13 ^m 52 ^s	11 ^h 23 ^m	24 ^h 11 ^m	27 ^h 37 ^m	23 ^h 52 ^m	21 ^h 35 ^m	1 ^h 1 ^m	1 ^h 7 ^m	9 ^h 25 ^m	8 ^h 59 ^m	22 ^h 54 ^m	24 ^h 15 ^m	26 ^h 22 ^m	26 ^h 47 ^m	M29
T 30	0 32 29	6 ^h 12 ^m 48 ^s	25 ^h 29 ^m	23 ^h 54 ^m	28 ^h 2 ^m	24 ^h II16	21 ^h Y27	1 ^h 2 ^m	1 ^h ML10	9 ^h 26 ^m	9 ^h 2 ^m	22 ^h ML52	24 ^h ML12	26 ^h Y29	26 ^h Y45	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	
M 1	8n35	20n22	3s 3	1s24	0s46	3n10	8s31	20n56	1s 3	7n58	1s32	20n32	0n 2	10s53	0n30	20s17	1n33	11n54	16n23	19s 5	19s12	1n31	11n 7	0n28		
T 2	8 14	18 33	3 55	2 5	0 54	3 23	8 30	21 2	1 1	7 57	1 32	20 30	0 2	10 54	0 30	20 17	1 33	11 53	16 23	19 4	19 11	1 33	11 6	0 28		
W 3	7 52	15 34	4 35	2 45	1 3	3 36	8 28	21 8	1 0	7 55	1 32	20 29	0 2	10 55	0 30	20 17	1 33	11 52	16 23	19 2	19 10	1 35	11 6	0 28		
T 4	7 30	11 31	4 58	3 24	1 12	3 49	8 25	21 13	0 59	7 53	1 33	20 28	0 2	10 56	0 30	20 17	1 33	11 51	16 23	19 0	19 9	1 37	11 5	0 28		
F 5	7 8	6 40	5 0	4 2	1 20	4 3	8 22	21 19	0 58	7 52	1 33	20 27	0 2	10 57	0 30	20 17	1 33	11 50	16 22	18 57	19 9	1 40	11 5	0 28		
S 6	6 45	1 21	4 42	4 40	1 29	4 17	8 17	21 24	0 57	7 50	1 33	20 25	0 2	10 58	0 30	20 17	1 32	11 49	16 22	18 55	19 8	1 42	11 4	0 28		
S 7	6 23	4s 4	4 4	5 17	1 38	4 31	8 12	21 29	0 56	7 48	1 33	20 24	0 2	10 59	0 30	20 18	1 32	11 48	16 22	18 53	19 7	1 44	11 3	0 28		
M 8	6 1	9 11	3 8	5 54	1 47	4 44	8 6	21 34	0 55	7 46	1 33	20 23	0 3	11 0	0 30	20 18	1 32	11 47	16 22	18 51	19 6	1 46	11 2	0 28		
T 9	5 38	13 38	2 1	6 29	1 55	4 58	8 0	21 39	0 54	7 44	1 34	20 22	0 3	11 1	0 30	20 18	1 32	11 46	16 22	18 50	19 5	1 49	11 2	0 28		
W10	5 16	17 8	0 48	7 3	2 4	5 11	7 53	21 44	0 52	7 42	1 34	20 21	0 3	11 2	0 30	20 18	1 32	11 45	16 21	18 49	19 5	1 51	11 1	0 28		
T 11	4 53	19 32	0n26	7 37	2 12	5 24	7 45	21 48	0 51	7 40	1 34	20 19	0 3	11 3	0 30	20 18	1 32	11 44	16 21	18 49	19 4	1 53	11 0	0 28		
F 12	4 30	20 43	1 36	8 9	2 21	5 37	7 37	21 53	0 50	7 38	1 34	20 18	0 3	11 5	0 30	20 18	1 32	11 43	16 21	18 50	19 3	1 56	10 59	0 28		
S 13	4 7	20 43	2 39	8 41	2 29	5 50	7 28	21 57	0 49	7 36	1 34	20 17	0 3	11 6	0 30	20 19	1 32	11 42	16 21	18 50	19 2	1 58	10 59	0 27		
S 14	3 44	19 38	3 33	9 11	2 37	6 2	7 19	22 1	0 47	7 34	1 35	20 16	0 3	11 7	0 30	20 19	1 32	11 41	16 21	18 49	19 2	2 0	10 58	0 27		
M15	3 21	17 38	4 15	9 40	2 45	6 13	7 10	22 5	0 46	7 32	1 35	20 15	0 3	11 8	0 30	20 19	1 32	11 40	16 21	18 48	19 1	2 2	10 57	0 27		
T 16	2 58	14 51	4 44	10 7	2 52	6 25	7 0	22 9	0 45	7 29	1 35	20 14	0 3	11 9	0 30	20 19	1 32	11 39	16 21	18 47	19 0	2 5	10 56	0 27		
W17	2 35	11 28	5 1	10 33	3 0	6 35	6 51	22 13	0 43	7 27	1 35	20 13	0 3	11 10	0 30	20 19	1 32	11 38	16 20	18 45	18 59	2 7	10 55	0 27		
T 18	2 12	7 40	5 3	10 57	3 7	6 45	6 40	22 17	0 42	7 25	1 35	20 12	0 3	11 11	0 29	20 19	1 32	11 37	16 20	18 42	18 59	2 9	10 55	0 27		
F 19	1 49	3 36	4 53	11 20	3 13	6 54	6 30	22 21	0 41	7 22	1 35	20 11	0 4	11 12	0 29	20 20	1 32	11 36	16 20	18 39	18 58	2 11	10 54	0 27		
S 20	1 25	0n35	4 30	11 40	3 20	7 3	6 20	22 24	0 39	7 20	1 35	20 9	0 4	11 14	0 29	20 20	1 32	11 35	16 20	18 36	18 57	2 13	10 53	0 27		
S 21	1 2	4 45	3 55	11 59	3 25	7 11	6 9	22 28	0 38	7 17	1 36	20 8	0 4	11 15	0 29	20 20	1 32	11 34	16 20	18 34	18 56	2 16	10 52	0 27		
M22	0 39	8 44	3 10	12 16	3 31	7 19	5 58	22 31	0 36	7 14	1 36	20 7	0 4	11 16	0 29	20 20	1 32	11 33	16 20	18 32	18 55	2 18	10 51	0 27		
T 23	0 16	12 24	2 16	12 30	3 35	7 26	5 48	22 34	0 35	7 12	1 36	20 6	0 4	11 17	0 29	20 20	1 32	11 32	16 20	18 30	18 55	2 20	10 50	0 27		
W24	0s 8	15 35	1 16	12 41	3 39	7 32	5 37	22 38	0 33	7 9	1 36	20 5	0 4	11 18	0 29	20 21	1 31	11 31	16 20	18 30	18 54	2 22	10 49	0 27		
T 25	0 31	18 7	0 12	12 50	3 42	7 37	5 26	22 41	0 32	7 6	1 36	20 4	0 4	11 19	0 29	20 21	1 31	11 30	16 20	18 29	18 53	2 25	10 48	0 27		
F 26	0 55	19 52	0s54	12 56	3 45	7 42	5 15	22 44	0 30	7 4	1 36	20 3	0 4	11 21	0 29	20 21	1 31	11 29	16 20	18 29	18 52	2 27	10 47	0 27		
S 27	1 18	20 41	1 59	12 58	3 46	7 46	5 4	22 47	0 29	7 1	1 36	20 2	0 4	11 22	0 29	20 21	1 31	11 28	16 20	18 30	18 52	2 29	10 46	0 27		
S 28	1 41	20 26	2 59	12 57	3 46	7 50	4 53	22 50	0 27	6 58	1 36	20 1	0 4	11 23	0 29	20 21	1 31	11 27	16 20	18 30	18 51	2 31	10 45	0 27		
M29	2 5	19 5	3 52	12 52	3 45	7 52	4 43	22 52	0 26	6 55	1 36	20 0	0 5	11 24	0 29	20 22	1 31	11 27	16 20	18 30	18 50	2 34	10 44	0 26		
T 30	2s28	16n37	4s34	12s43	3s43	7n55	4s32	22n55	0s24	6n52	1s36	19n59	0n 5	11s26	0n29	20s22	1n31	11n26	16n20	18s29	18s49	2n36	10n43	0n26		

ASTRODIENST EPHEMERIS for the year 1975

geocentric

OCTOBER 1975

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 36 26	7♂11'47	9♂15	23°R28	28♂27	24♂40	21°R20	1♂11	1♂14	9♂28	9♂ 3	22°R49	24♂ 8	26♂36	26°R42	W 1
T 2	0 40 22	8°10'47	23°48	22♂55	28°54	25° 3	21°Y12	1°15	1°18	9°29	9° 6	22♂43	24° 5	26°42	26°Y40	T 2
F 3	0 44 19	9° 9'50	8♂42	22°14	29°23	25°26	21° 4	1°20	1°21	9°30	9° 8	22°37	24° 2	26°49	26°37	F 3
S 4	0 48 15	10° 8'55	23°52	21°26	29°53	25°49	20°56	1°24	1°25	9°31	9°10	22°30	23°59	26°56	26°34	S 4
S 5	0 52 12	11° 8'02	9♂ 7	20°32	0♂25	26°11	20°49	1°28	1°28	9°33	9°13	22°25	23°56	27° 2	26°32	S 5
M 6	0 56 8	12° 7'12	24°17	19°31	0°58	26°32	20°41	1°33	1°32	9°34	9°15	22°20	23°52	27° 9	26°29	M 6
T 7	1 0 5	13° 6'23	9♂12	18°25	1°33	26°53	20°33	1°37	1°35	9°36	9°17	22°18	23°49	27°16	26°26	T 7
W 8	1 4 2	14° 5'36	23°44	17°17	2° 9	27°14	20°25	1°41	1°39	9°37	9°20	22°D17	23°46	27°22	26°24	W 8
T 9	1 7 58	15° 4'51	7♂49	16° 6	2°46	27°34	20°17	1°45	1°43	9°39	9°22	22°18	23°43	27°29	26°21	T 9
F 10	1 11 55	16° 4'08	21°27	14°55	3°25	27°53	20° 9	1°48	1°46	9°40	9°24	22°19	23°40	27°36	26°18	F 10
S 11	1 15 51	17° 3'27	4♂38	13°47	4° 5	28°12	20° 0	1°52	1°50	9°42	9°27	22°21	23°37	27°43	26°16	S 11
S 12	1 19 48	18° 2'47	17°26	12°42	4°45	28°31	19°52	1°56	1°54	9°43	9°29	22°R21	23°33	27°49	26°13	S 12
M13	1 23 44	19° 2'09	29°55	11°43	5°27	28°49	19°44	1°59	1°57	9°45	9°31	22°21	23°30	27°56	26°10	M13
T 14	1 27 41	20° 1'33	12♂ 9	10°52	6°10	29° 6	19°36	2° 3	2° 1	9°46	9°34	22°19	23°27	28° 3	26° 7	T 14
W15	1 31 37	21° 0'59	24°11	10°10	6°54	29°23	19°28	2° 6	2° 5	9°48	9°36	22°15	23°24	28° 9	26° 5	W15
T 16	1 35 34	22° 0'26	6♂ 7	9°38	7°40	29°39	19°20	2° 9	2° 9	9°50	9°38	22°10	23°21	28°16	26° 2	T 16
F 17	1 39 31	22°59'56	17°59	9°17	8°26	29°54	19°12	2°13	2°12	9°51	9°40	22° 5	23°18	28°23	25°59	F 17
S 18	1 43 27	23°59'27	29°50	9°D 6	9°12	0♂ 9	19° 4	2°16	2°16	9°53	9°43	22° 0	23°14	28°29	25°56	S 18
S 19	1 47 24	24°59'00	11°Y43	9° 7	10° 0	0°24	18°56	2°19	2°20	9°55	9°45	21°55	23°11	28°36	25°53	S 19
M20	1 51 20	25°58'35	23°39	9°19	10°49	0°37	18°48	2°22	2°23	9°56	9°47	21°52	23° 8	28°43	25°51	M20
T 21	1 55 17	26°58'12	5♂40	9°41	11°39	0°50	18°40	2°24	2°27	9°58	9°49	21°49	23° 5	28°50	25°48	T 21
W22	1 59 13	27°57'51	17°48	10°13	12°29	1° 3	18°32	2°27	2°31	10° 0	9°52	21°D48	23° 2	28°56	25°45	W22
T 23	2 3 10	28°57'32	0♂ 5	10°54	13°20	1°15	18°24	2°30	2°35	10° 2	9°54	21°48	22°58	29° 3	25°42	T 23
F 24	2 7 6	29°57'16	12°32	11°43	14°12	1°26	18°16	2°32	2°39	10° 3	9°56	21°49	22°55	29°10	25°39	F 24
S 25	2 11 3	0♂57'01	25°13	12°40	15° 4	1°36	18° 9	2°34	2°42	10° 5	9°58	21°51	22°52	29°16	25°37	S 25
S 26	2 14 59	1°56'49	8♂ 9	13°43	15°58	1°45	18° 1	2°37	2°46	10° 7	10° 1	21°53	22°49	29°23	25°34	S 26
M27	2 18 56	2°56'39	21°23	14°52	16°52	1°54	17°53	2°39	2°50	10° 9	10° 3	21°54	22°46	29°30	25°31	M27
T 28	2 22 53	3°56'31	4♂57	16° 6	17°46	2° 2	17°46	2°41	2°54	10°11	10° 5	21°R54	22°43	29°36	25°28	T 28
W29	2 26 49	4°56'26	18°52	17°25	18°42	2°10	17°39	2°43	2°57	10°13	10° 7	21°53	22°39	29°43	25°26	W29
T 30	2 30 46	5°56'22	3♂ 8	18°47	19°37	2°16	17°31	2°45	3° 1	10°15	10° 9	21°52	22°36	29°50	25°23	T 30
F 31	2 34 42	6♂56'21	17♂43	20♂12	20♂34	2♂22	17°Y24	2♂46	3♂ 5	10♂17	10♂11	21♂51	22♂33	29♂57	25°Y20	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	2s51	13n 7	5s 0	12s30	3s39	7n56	4s21	22n58	0s22	6n50	1s37	19n59	0n 5	11s27	0n29	20s22	1n31	11n25	16n20	18s29	18s48	2n38	10n42	0n26					
T 2	3 15	8 44	5 9	12 13	3 33	7 56	4 11	23 0	0 21	6 47	1 37	19 58	0 5	11 28	0 29	20 22	1 31	11 24	16 20	18 27	18 48	2 40	10 41	0 26					
F 3	3 38	3 43	4 57	11 51	3 26	7 56	4 0	23 3	0 19	6 44	1 37	19 57	0 5	11 29	0 29	20 23	1 31	11 23	16 20	18 26	18 47	2 42	10 40	0 26					
S 4	4 1	1s37	4 24	11 24	3 17	7 56	3 50	23 5	0 17	6 41	1 37	19 56	0 5	11 31	0 29	20 23	1 31	11 22	16 20	18 24	18 46	2 45	10 39	0 26					
S 5	4 24	6 52	3 33	10 53	3 6	7 54	3 39	23 8	0 15	6 38	1 37	19 55	0 5	11 32	0 29	20 23	1 31	11 21	16 20	18 22	18 45	2 47	10 38	0 26					
M 6	4 47	11 41	2 26	10 18	2 53	7 52	3 29	23 10	0 14	6 35	1 37	19 54	0 5	11 33	0 29	20 23	1 31	11 20	16 20	18 21	18 45	2 49	10 37	0 26					
T 7	5 11	15 41	1 11	9 40	2 39	7 49	3 19	23 12	0 12	6 32	1 37	19 53	0 5	11 34	0 29	20 24	1 31	11 20	16 20	18 21	18 44	2 51	10 36	0 26					
W 8	5 34	18 35	0n 8	8 58	2 22	7 46	3 9	23 15	0 10	6 29	1 37	19 53	0 5	11 36	0 29	20 24	1 31	11 19	16 20	18 21	18 43	2 53	10 35	0 26					
T 9	5 56	20 14	1 24	8 15	2 4	7 42	2 59	23 17	0 8	6 26	1 37	19 52	0 6	11 37	0 29	20 24	1 31	11 18	16 20	18 21	18 42	2 56	10 34	0 26					
F 10	6 19	20 38	2 32	7 30	1 45	7 37	2 50	23 19	0 6	6 23	1 37	19 51	0 6	11 38	0 29	20 24	1 31	11 17	16 20	18 21	18 41	2 58	10 33	0 26					
S 11	6 42	19 51	3 31	6 45	1 25	7 32	2 40	23 22	0 4	6 20	1 37	19 50	0 6	11 39	0 29	20 25	1 31	11 16	16 20	18 21	18 41	3 0	10 32	0 26					
S 12	7 5	18 4	4 16	6 1	1 5	7 26	2 31	23 24	0 2	6 17	1 37	19 50	0 6	11 41	0 29	20 25	1 31	11 15	16 20	18 22	18 40	3 2	10 31	0 26					
M13	7 27	15 28	4 49	5 19	0 44	7 19	2 21	23 26	0 0	6 14	1 37	19 49	0 6	11 42	0 29	20 25	1 31	11 15	16 20	18 21	18 39	3 5	10 30	0 25					
T 14	7 50	12 14	5 7	4 40	0 24	7 12	2 12	23 28	0n 2	6 11	1 37	19 48	0 6	11 43	0 29	20 26	1 30	11 14	16 21	18 21	18 38	3 7	10 29	0 25					
W15	8 12	8 33	5 12	4 5	0 4	7 4	2 3	23 30	0 4	6 8	1 37	19 48	0 6	11 45	0 29	20 26	1 30	11 13	16 21	18 20	18 37	3 9	10 28	0 25					
T 16	8 34	4 34	5 3	3 35	0n15	6 56	1 54	23 32	0 6	6 5	1 37	19 47	0 6	11 46	0 29	20 26	1 30	11 12	16 21	18 19	18 37	3 11	10 27	0 25					
F 17	8 56	0 26	4 41	3 11	0 32	6 47	1 46	23 35	0 8	6 2	1 37	19 46	0 6	11 47	0 29	20 26	1 30	11 12	16 21	18 17	18 36	3 13	10 26	0 25					
S 18	9 18	3n43	4 7	2 52	0 49	6 37	1 37	23 37	0 10	5 59	1 37	19 46	0 7	11 48	0 29	20 27	1 30	11 11	16 21	18 16	18 35	3 15	10 25	0 25					
S 19	9 40	7 44	3 23	2 39	1 3	6 27	1 29	23 39	0 12	5 56	1 36	19 45	0 7	11 50	0 29	20 27	1 30	11 10	16 21	18 15	18 34	3 18	10 23	0 25					
M20	10 2	11 29	2 29	2 31	1 16	6 16	1 20	23 41	0 15	5 53	1 36	19 45	0 7	11 51	0 29	20 27	1 30	11 9	16 21	18 14	18 33	3 20	10 22	0 25					
T 21	10 24	14 47	1 28	2 29	1 28	6 5	1 12	23 43	0 17	5 50	1 36	19 44	0 7	11 52	0 29	20 28	1 30	11 9	16 22	18 13	18 33	3 22	10 21	0 25					
W22	10 45	17 29	0 22	2 33	1 38	5 53	1 4	23 45	0 19	5 47	1 36	19 44	0 7	11 54	0 29	20 28	1 30	11 8	16 22	18 13	18 32	3 24	10 20	0 25					
T 23	11 6	19 26	0s45	2 41	1 46	5 41	0 56	23 48	0 21	5 44	1 36	19 43	0 7	11 55	0 29	20 28	1 30	11 7	16 22	18 13	18 31	3 26	10 19	0 25					
F 24	11 27	20 27	1 52	2 54	1 53	5 28	0 49	23 50	0 24	5 41	1 36	19 43	0 7	11 56	0 29	20 28	1 30	11 7	16 22	18 13	18 30	3 29	10 18	0 25					
S 25	11 48	20 27	2 54	3 11	1 58	5 15	0 41	23 52	0 26	5 38	1 36	19 42	0 7	11 58	0 29	20 29	1 30	11 6	16 22	18 14	18 29	3 31	10 17	0 25					
S 26	12 9	19 23	3 49	3 32	2 2	5 1	0 34	23 54	0 29	5 36	1 36	19 42	0 7	11 59	0 29	20 29	1 30	11 5	16 23	18 14	18 29	3 33	10 16	0 24					
M27	12 30	17 15	4 33	3 56	2 5	4 47	0 27	23 57	0 31	5 33	1 36	19 42	0 8	12 0	0 29	20 29	1 30	11 5	16 23	18 14	18 28	3 35	10 15	0 24					
T 28	12 50	14 8	5 3	4 23	2 7	4 32	0 20	23 59	0 34	5 30	1 36	19 41	0 8	12 1	0 29	20 30	1 30	11 4	16 23	18 15	18 27	3 37	10 14	0 24					
W29	13 10	10 10	5 16	4 52	2 7	4 17	0 13	24 1	0 36	5 27	1 35	19 41	0 8	12 3	0 29	20 30	1 30	11 4	16 23	18 14	18 26	3 40	10 13	0 24					
T 30	13 30	5 32	5 10	5 24	2 7	4 1	0 6	24 4	0 39	5 25	1 35	19 41	0 8	12 4	0 29	20 30	1 30	11 4	16 24	18 14	18 25	3 42	10 12	0 24					
F 31	13s50	0n29	4s45	5s57	2n 6	3n45	0n 1	24n 6	0n41	5n22	1s35	19n40	0n 8	12s 5	0n29	20s31	1n30	11n 2	16n24	18s14	18s25	3n44	10n11	0n24					

ASTRODIENST EPHEMERIS for the year 1975
geocentric

NOVEMBER 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 39	7♎56°22	2♊32	21♊40	21♏31	2♊27	17°R17	2♊48	3♎ 9	10♏19	10♊14	21°R49	22♎30	0°Y 3	25°R17	S 1
S 2	2 42 35	8°56'25	17°28	23°10	22°28	2°31	17°Y10	2°49	3°12	10°21	10°16	21♎47	22°27	0°10	25°Y15	S 2
M 3	2 46 32	9°56'30	2♎24	24°42	23°26	2°35	17° 3	2°51	3°16	10°23	10°18	21°46	22°23	0°17	25°12	M 3
T 4	2 50 28	10°56'37	17°11	26°15	24°25	2°37	16°56	2°52	3°20	10°25	10°20	21°D45	22°20	0°23	25° 9	T 4
W 5	2 54 25	11°56'46	1♊42	27°49	25°24	2°39	16°50	2°53	3°24	10°27	10°22	21°46	22°17	0°30	25° 7	W 5
T 6	2 58 22	12°56'57	15°51	29°24	26°23	2°40	16°43	2°54	3°27	10°29	10°24	21°46	22°14	0°37	25° 4	T 6
F 7	3 2 18	13°57'09	29°35	1♎ 0	27°23	2°R40	16°37	2°55	3°31	10°31	10°26	21°47	22°11	0°43	25° 2	F 7
S 8	3 6 15	14°57'23	12♊53	2°36	28°24	2°39	16°31	2°56	3°35	10°33	10°28	21°48	22° 8	0°50	24°59	S 8
S 9	3 10 11	15°57'38	25°47	4°13	29°25	2°37	16°24	2°57	3°39	10°35	10°30	21°48	22° 4	0°57	24°56	S 9
M10	3 14 8	16°57'55	8♊20	5°50	0♊26	2°35	16°19	2°57	3°42	10°37	10°32	21°48	22° 1	1° 3	24°54	M10
T 11	3 18 4	17°58'13	20°36	7°27	1°28	2°31	16°13	2°58	3°46	10°39	10°34	21°R49	21°58	1°10	24°51	T 11
W12	3 22 1	18°58'33	2♊39	9° 4	2°30	2°27	16° 7	2°58	3°50	10°41	10°36	21°48	21°55	1°17	24°49	W12
T 13	3 25 57	19°58'54	14°34	10°41	3°32	2°22	16° 2	2°58	3°53	10°43	10°38	21°48	21°52	1°24	24°46	T 13
F 14	3 29 54	20°59'16	26°24	12°18	4°35	2°16	15°56	2°59	3°57	10°46	10°40	21°48	21°49	1°30	24°44	F 14
S 15	3 33 51	21°59'40	8°Y15	13°55	5°38	2° 9	15°51	2°R59	4° 1	10°48	10°42	21°D48	21°45	1°37	24°42	S 15
S 16	3 37 47	23° 0'05	20°10	15°31	6°41	2° 1	15°46	2°58	4° 4	10°50	10°43	21°48	21°42	1°44	24°39	S 16
M17	3 41 44	24° 0'32	2♊12	17° 8	7°45	1°52	15°42	2°58	4° 8	10°52	10°45	21°48	21°39	1°50	24°37	M17
T 18	3 45 40	25° 1'00	14°23	18°44	8°49	1°43	15°37	2°58	4°11	10°54	10°47	21°48	21°36	1°57	24°34	T 18
W19	3 49 37	26° 1'30	26°45	20°20	9°54	1°32	15°33	2°58	4°15	10°56	10°49	21°R48	21°33	2° 4	24°32	W19
T 20	3 53 33	27° 2'02	9♊20	21°56	10°58	1°21	15°28	2°57	4°19	10°59	10°51	21°48	21°29	2°10	24°30	T 20
F 21	3 57 30	28° 2'35	22° 7	23°32	12° 4	1° 9	15°24	2°56	4°22	11° 1	10°52	21°48	21°26	2°17	24°28	F 21
S 22	4 1 26	29° 3'09	5♊ 7	25° 8	13° 9	0°56	15°20	2°56	4°26	11° 3	10°54	21°47	21°23	2°24	24°26	S 22
S 23	4 5 23	0♊ 3'46	18°21	26°43	14°15	0°42	15°17	2°55	4°29	11° 5	10°56	21°46	21°20	2°30	24°23	S 23
M24	4 9 20	1° 4'23	1♊48	28°18	15°20	0°28	15°13	2°54	4°33	11° 8	10°58	21°45	21°17	2°37	24°21	M24
T 25	4 13 16	2° 5'03	15°29	29°53	16°27	0°12	15°10	2°53	4°36	11°10	10°59	21°44	21°14	2°44	24°19	T 25
W26	4 17 13	3° 5'44	29°22	1♊28	17°33	29♊56	15° 7	2°52	4°40	11°12	11° 1	21°D44	21°10	2°50	24°17	W26
T 27	4 21 9	4° 6'27	13♏28	3° 3	18°40	29°39	15° 4	2°50	4°43	11°14	11° 2	21°44	21° 7	2°57	24°15	T 27
F 28	4 25 6	5° 7'11	27°44	4°37	19°47	29°22	15° 1	2°49	4°46	11°17	11° 4	21°44	21° 4	3° 4	24°13	F 28
S 29	4 29 2	6° 7'57	12♊ 8	6°12	20°54	29° 4	14°59	2°47	4°50	11°19	11° 6	21°45	21° 1	3°11	24°11	S 29
S 30	4 32 59	7♊ 8'45	26♊37	7♊46	22♊ 1	28♊45	14°Y56	2♊46	4♎53	11♊21	11♊ 7	21♎47	20♎58	3°Y17	24°Y 9	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	14s 9	4s41 4s 0	6s32 2n 4	3n28 0n 7	24n 9	0n44	5n20 1s35	19n40 0n 8	12s 7	0n29 20s31	1n30	11n 2 16n24	18s13 18s24	3n46 10n 9	0n24	
S 2	14 29 9 37	2 59 7 7	2 1 3 11	0 13 24 11	0 46 5 17	1 35 19 40	0 8 12 8	0 29 20 31	1 30 11 1	16 24 18 13	18 23 3 48	10 8 0 24				
M 3	14 48 13 57	1 45 7 44	1 58 2 54	0 19 24 14	0 49 5 15	1 35 19 40	0 8 12 9	0 29 20 32	1 30 11 1	16 25 18 12	18 22 3 50	10 7 0 24				
T 4	15 7 17 22	0 25 8 21	1 54 2 36	0 25 24 17	0 52 5 12	1 34 19 39	0 8 12 10	0 29 20 32	1 30 11 0	16 25 18 12	18 21 3 53	10 6 0 24				
W 5	15 25 19 36	0n55 8 59	1 50 2 18	0 31 24 19	0 55 5 10	1 34 19 39	0 9 12 12	0 29 20 32	1 30 11 0	16 25 18 12	18 21 3 55	10 5 0 24				
T 6	15 44 20 32	2 10 9 37	1 45 2 0	0 37 24 22	0 57 5 7	1 34 19 39	0 9 12 13	0 29 20 32	1 30 10 59	16 26 18 13	18 20 3 57	10 4 0 24				
F 7	16 2 20 12	3 15 10 15	1 40 1 41	0 42 24 25	1 0 5 5	1 34 19 39	0 9 12 14	0 29 20 33	1 30 10 59	16 26 18 13	18 19 3 59	10 3 0 24				
S 8	16 19 18 43	4 7 10 53	1 35 1 22	0 48 24 28	1 3 5 3	1 34 19 39	0 9 12 15	0 29 20 33	1 30 10 58	16 26 18 13	18 18 4 1	10 2 0 23				
S 9	16 37 16 19	4 46 11 32	1 29 1 3	0 53 24 31	1 6 5 1	1 33 19 39	0 9 12 17	0 29 20 33	1 30 10 58	16 27 18 13	18 17 4 3	10 1 0 23				
M10	16 54 13 12	5 9 12 9	1 23 0 43	0 58 24 34	1 9 4 59	1 33 19 39	0 9 12 18	0 29 20 34	1 30 10 57	16 27 18 13	18 16 4 5	10 0 0 23				
T 11	17 11 9 36	5 17 12 47	1 17 0 23	1 3 24 37	1 12 4 57	1 33 19 39	0 9 12 19	0 29 20 34	1 30 10 57	16 27 18 13	18 16 4 8	9 59 0 23				
W12	17 28 5 41	5 12 13 24	1 11 0 2	1 8 24 40	1 15 4 55	1 33 19 39	0 9 12 21	0 29 20 34	1 30 10 56	16 28 18 13	18 15 4 10	9 58 0 23				
T 13	17 44 1 34	4 53 14 0	1 5 0s18	1 12 24 43	1 18 4 53	1 32 19 39	0 9 12 22	0 29 20 35	1 29 10 56	16 28 18 13	18 14 4 12	9 57 0 23				
F 14	18 0 2n34	4 22 14 36	0 58 0 39	1 17 24 46	1 21 4 51	1 32 19 39	0 10 12 23	0 29 20 35	1 29 10 56	16 28 18 13	18 13 4 14	9 56 0 23				
S 15	18 16 6 38	3 39 15 12	0 51 1 0	1 21 24 49	1 24 4 49	1 32 19 39	0 10 12 24	0 29 20 35	1 29 10 55	16 29 18 13	18 12 4 16	9 55 0 23				
S 16	18 31 10 28	2 47 15 47	0 45 1 21	1 25 24 52	1 27 4 48	1 32 19 39	0 10 12 25	0 29 20 36	1 29 10 55	16 29 18 13	18 12 4 18	9 54 0 23				
M17	18 47 13 55	1 47 16 21	0 38 1 43	1 29 24 55	1 30 4 46	1 31 19 39	0 10 12 27	0 29 20 36	1 29 10 55	16 29 18 13	18 11 4 20	9 53 0 23				
T 18	19 1 16 49	0 41 16 54	0 31 2 4	1 33 24 58	1 33 4 45	1 31 19 40	0 10 12 28	0 29 20 36	1 29 10 54	16 30 18 13	18 10 4 23	9 52 0 23				
W19	19 16 18 59	0s27 17 27	0 24 2 26	1 37 25 2	1 36 4 43	1 31 19 40	0 10 12 29	0 29 20 37	1 29 10 54	16 30 18 13	18 9 4 25	9 51 0 22				
T 20	19 30 20 16	1 36 17 58	0 17 2 48	1 40 25 5	1 39 4 42	1 31 19 40	0 10 12 30	0 29 20 37	1 29 10 54	16 31 18 13	18 8 4 27	9 51 0 22				
F 21	19 44 20 32	2 40 18 29	0 10 3 11	1 44 25 8	1 42 4 40	1 30 19 40	0 10 12 31	0 29 20 37	1 29 10 53	16 31 18 13	18 7 4 29	9 50 0 22				
S 22	19 57 19 43	3 38 18 59	0 4 3 33	1 47 25 11	1 45 4 39	1 30 19 41	0 11 12 33	0 29 20 38	1 29 10 53	16 32 18 13	18 7 4 31	9 49 0 22				
S 23	20 10 17 49	4 25 19 28	0s 3 3 56	1 50 25 14	1 48 4 38	1 30 19 41	0 11 12 34	0 29 20 38	1 29 10 53	16 32 18 12	18 6 4 33	9 48 0 22				
M24	20 23 14 55	4 58 19 57	0 10 4 18	1 53 25 17	1 51 4 37	1 30 19 41	0 11 12 35	0 29 20 38	1 29 10 53	16 32 18 12	18 5 4 35	9 47 0 22				
T 25	20 35 11 10	5 15 20 24	0 17 4 41	1 56 25 20	1 54 4 36	1 29 19 42	0 11 12 36	0 29 20 39	1 29 10 52	16 33 18 12	18 4 4 38	9 46 0 22				
W26	20 47 6 47	5 14 20 50	0 23 5 4	1 58 25 23	1 57 4 35	1 29 19 42	0 11 12 37	0 29 20 39	1 29 10 52	16 33 18 12	18 3 4 40	9 45 0 22				
T 27	20 58 1 58	4 54 21 15	0 30 5 27	2 1 25 26	2 0 4 34	1 29 19 42	0 11 12 38	0 29 20 39	1 29 10 52	16 34 18 12	18 2 4 42	9 44 0 22				
F 28	21 9 3s 1	4 17 21 39	0 36 5 50	2 3 25 29	2 3 4 33	1 28 19 43	0 11 12 40	0 29 20 40	1 29 10 52	16 34 18 12	18 2 4 44	9 44 0 22				
S 29	21 20 7 54	3 22 22 2	0 42 6 13	2 6 25 32	2 6 4 33	1 28 19 43	0 11 12 41	0 29 20 40	1 29 10 52	16 35 18 12	18 1 4 46	9 43 0 22				
S 30	21s30 12s22	2s15 22s24	0s49 6s36	2n 8 25n35	2n 9 4n32	1s28 19n44	0n12 12s42	0n29 20s40	1n29 10n51	16n35 18s13	18s 0 4n48	9n42 0n21				

Julian Day Number = 2442717.5, Delta T = 46.29 sec
Ecliptic obliquity = 23°26'27", Nutation = 0°00'12", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°24'10", Lahiri = 23°31'10"

ASTRODIENST EPHEMERIS for the year 1975

geocentric

DECEMBER 1975

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 36 55	8° 34'	11° 06'	9° 20'	23° 09'	28° 25'	14° 54'	2° 44'	4° 56'	11° 23'	11° 09'	21° 47'	20° 55'	3° 24'	24° 08'	M 1
T 2	4 40 52	9° 10'24	25° 30'	10° 54'	24° 17'	28° 11'	14° 52'	2° 42'	5° 00'	11° 26'	11° 10'	21° 48'	20° 51'	3° 31'	24° 06'	T 2
W 3	4 44 49	10° 11'16	9° 24'	12° 29'	25° 25'	27° 45'	14° 51'	2° 40'	5° 03'	11° 28'	11° 11'	21° 47'	20° 48'	3° 37'	24° 04'	W 3
T 4	4 48 45	11° 12'09	23° 43'	14° 03'	26° 33'	27° 24'	14° 49'	2° 38'	5° 06'	11° 30'	11° 13'	21° 45'	20° 45'	3° 44'	24° 02'	T 4
F 5	4 52 42	12° 13'02	7° 23'	15° 37'	27° 41'	27° 02'	14° 48'	2° 36'	5° 09'	11° 32'	11° 14'	21° 42'	20° 42'	3° 51'	24° 01'	F 5
S 6	4 56 38	13° 13'57	20° 41'	17° 11'	28° 50'	26° 40'	14° 47'	2° 34'	5° 13'	11° 35'	11° 16'	21° 39'	20° 39'	3° 57'	23° 59'	S 6
S 7	5 00 35	14° 14'53	3° 38'	18° 45'	29° 59'	26° 18'	14° 46'	2° 31'	5° 16'	11° 37'	11° 17'	21° 36'	20° 35'	4° 04'	23° 58'	S 7
M 8	5 04 31	15° 15'49	16° 14'	20° 19'	1° 08'	25° 55'	14° 45'	2° 29'	5° 19'	11° 39'	11° 18'	21° 32'	20° 32'	4° 11'	23° 56'	M 8
T 9	5 08 28	16° 16'46	28° 33'	21° 53'	2° 17'	25° 32'	14° 45'	2° 26'	5° 22'	11° 41'	11° 19'	21° 30'	20° 29'	4° 17'	23° 55'	T 9
W 10	5 12 25	17° 17'44	10° 38'	23° 27'	3° 26'	25° 09'	14° 45'	2° 24'	5° 25'	11° 44'	11° 21'	21° 29'	20° 26'	4° 24'	23° 53'	W 10
T 11	5 16 21	18° 18'43	22° 33'	25° 01'	4° 35'	24° 46'	14° 45'	2° 21'	5° 28'	11° 46'	11° 22'	21° 29'	20° 23'	4° 31'	23° 52'	T 11
F 12	5 20 18	19° 19'42	4° 23'	26° 35'	5° 45'	24° 22'	14° 45'	2° 18'	5° 31'	11° 48'	11° 23'	21° 29'	20° 20'	4° 37'	23° 50'	F 12
S 13	5 24 14	20° 20'41	16° 14'	28° 09'	6° 55'	23° 59'	14° 45'	2° 15'	5° 34'	11° 50'	11° 24'	21° 31'	20° 16'	4° 44'	23° 49'	S 13
S 14	5 28 11	21° 21'41	28° 10'	29° 44'	8° 05'	23° 35'	14° 46'	2° 12'	5° 37'	11° 53'	11° 25'	21° 33'	20° 13'	4° 51'	23° 48'	S 14
M 15	5 32 07	22° 22'42	10° 16'	1° 18'	9° 15'	23° 12'	14° 47'	2° 09'	5° 40'	11° 55'	11° 26'	21° 35'	20° 10'	4° 58'	23° 47'	M 15
T 16	5 36 04	23° 23'43	22° 35'	2° 52'	10° 25'	22° 48'	14° 48'	2° 06'	5° 43'	11° 57'	11° 27'	21° 35'	20° 07'	5° 04'	23° 46'	T 16
W 17	5 40 00	24° 24'45	5° 11'	4° 27'	11° 35'	22° 25'	14° 49'	2° 02'	5° 45'	11° 59'	11° 28'	21° 34'	20° 04'	5° 11'	23° 45'	W 17
T 18	5 43 57	25° 25'48	18° 03'	6° 01'	12° 45'	22° 02'	14° 51'	1° 59'	5° 48'	12° 02'	11° 29'	21° 32'	20° 01'	5° 18'	23° 44'	T 18
F 19	5 47 54	26° 26'51	1° 13'	7° 35'	13° 56'	21° 39'	14° 52'	1° 55'	5° 51'	12° 04'	11° 30'	21° 27'	19° 57'	5° 24'	23° 43'	F 19
S 20	5 51 50	27° 27'55	14° 39'	9° 10'	15° 07'	21° 17'	14° 54'	1° 52'	5° 54'	12° 06'	11° 31'	21° 22'	19° 54'	5° 31'	23° 42'	S 20
S 21	5 55 47	28° 28'59	28° 20'	10° 44'	16° 17'	20° 55'	14° 56'	1° 48'	5° 56'	12° 08'	11° 32'	21° 15'	19° 51'	5° 38'	23° 41'	S 21
M 22	5 59 43	29° 30'04	12° 13'	12° 18'	17° 28'	20° 33'	14° 58'	1° 45'	5° 59'	12° 10'	11° 33'	21° 09'	19° 48'	5° 44'	23° 40'	M 22
T 23	6 03 40	30° 31'10	26° 13'	13° 52'	18° 39'	20° 11'	15° 01'	1° 41'	6° 02'	12° 13'	11° 34'	21° 04'	19° 45'	5° 51'	23° 39'	T 23
W 24	6 07 36	1° 32'16	10° 18'	15° 25'	19° 51'	19° 50'	15° 04'	1° 37'	6° 04'	12° 15'	11° 34'	21° 00'	19° 41'	5° 58'	23° 39'	W 24
T 25	6 11 33	2° 33'23	24° 26'	16° 58'	21° 02'	19° 30'	15° 06'	1° 33'	6° 07'	12° 17'	11° 35'	20° 58'	19° 38'	6° 04'	23° 38'	T 25
F 26	6 15 29	3° 34'31	8° 34'	18° 31'	22° 13'	19° 10'	15° 10'	1° 29'	6° 09'	12° 19'	11° 36'	20° 58'	19° 35'	6° 11'	23° 38'	F 26
S 27	6 19 26	4° 35'39	22° 41'	20° 03'	23° 25'	18° 50'	15° 13'	1° 25'	6° 11'	12° 21'	11° 37'	20° 59'	19° 32'	6° 18'	23° 37'	S 27
S 28	6 23 23	5° 36'48	6° 46'	21° 34'	24° 36'	18° 31'	15° 16'	1° 21'	6° 14'	12° 23'	11° 37'	21° 00'	19° 29'	6° 24'	23° 37'	S 28
M 29	6 27 19	6° 37'58	20° 47'	23° 05'	25° 48'	18° 13'	15° 20'	1° 17'	6° 16'	12° 25'	11° 38'	21° 01'	19° 26'	6° 31'	23° 36'	M 29
T 30	6 31 16	7° 39'08	4° 42'	24° 34'	27° 00'	17° 55'	15° 24'	1° 12'	6° 18'	12° 27'	11° 38'	21° 00'	19° 22'	6° 38'	23° 36'	T 30
W 31	6 35 12	8° 40'18	18° 29'	26° 01'	28° 11'	17° 39'	15° 28'	1° 08'	6° 21'	12° 30'	11° 39'	20° 57'	19° 19'	6° 44'	23° 36'	W 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	21s40	16s 5	0s59	22s45	0s55	6s59	2n10	25n37	2n12	4n32	1s28	19n44	0n12	12s43	0n29	20s40
T 2	21 50	18 48	0n20	23 5	1 1	7 22	2 12	25 40	2 14	4 31	1 27	19 45	0 12	12 44	0 29	20 41
W 3	21 59	20 18	1 38	23 23	1 6	7 45	2 14	25 43	2 17	4 31	1 27	19 45	0 12	12 45	0 29	20 41
T 4	22 7	20 30	2 47	23 41	1 12	8 8	2 15	25 45	2 20	4 30	1 27	19 46	0 12	12 46	0 29	20 41
F 5	22 16	19 29	3 46	23 57	1 17	8 31	2 17	25 47	2 23	4 30	1 26	19 47	0 12	12 47	0 29	20 42
S 6	22 23	17 24	4 30	24 12	1 23	8 54	2 18	25 49	2 25	4 30	1 26	19 47	0 12	12 48	0 29	20 42
S 7	22 31	14 29	4 59	24 25	1 28	9 17	2 19	25 51	2 28	4 30	1 26	19 48	0 12	12 49	0 29	20 42
M 8	22 38	10 59	5 13	24 38	1 33	9 40	2 20	25 53	2 31	4 30	1 25	19 49	0 12	12 50	0 29	20 43
T 9	22 44	7 6	5 12	24 49	1 37	10 3	2 21	25 55	2 33	4 30	1 25	19 49	0 13	12 51	0 29	20 43
W 10	22 50	3 0	4 57	24 59	1 42	10 26	2 22	25 56	2 35	4 30	1 25	19 50	0 13	12 52	0 29	20 43
T 11	22 56	1n10	4 30	25 7	1 46	10 48	2 23	25 58	2 38	4 31	1 25	19 51	0 13	12 53	0 29	20 44
F 12	23 1	5 16	3 51	25 14	1 50	11 11	2 24	25 59	2 40	4 31	1 24	19 52	0 13	12 54	0 29	20 44
S 13	23 5	9 11	3 2	25 20	1 54	11 33	2 24	26 0	2 42	4 32	1 24	19 52	0 13	12 55	0 29	20 44
S 14	23 10	12 46	2 5	25 24	1 57	11 55	2 24	26 1	2 44	4 32	1 24	19 53	0 13	12 56	0 29	20 44
M 15	23 13	15 53	1 2	25 27	2 1	12 17	2 25	26 2	2 46	4 33	1 23	19 54	0 13	12 57	0 29	20 45
T 16	23 17	18 20	0s 5	25 28	2 3	12 39	2 25	26 3	2 48	4 33	1 23	19 55	0 13	12 58	0 29	20 45
W 17	23 19	19 57	1 14	25 28	2 6	13 1	2 25	26 3	2 50	4 34	1 23	19 56	0 14	12 59	0 29	20 45
T 18	23 22	20 35	2 20	25 26	2 8	13 22	2 25	26 4	2 52	4 35	1 22	19 57	0 14	13 0	0 29	20 46
F 19	23 24	20 7	3 19	25 23	2 10	13 43	2 25	26 4	2 54	4 36	1 22	19 57	0 14	13 1	0 29	20 46
S 20	23 25	18 30	4 9	25 19	2 11	14 4	2 24	26 4	2 55	4 37	1 22	19 58	0 14	13 2	0 29	20 46
S 21	23 26	15 49	4 46	25 12	2 12	14 25	2 24	26 4	2 57	4 38	1 21	19 59	0 14	13 3	0 29	20 46
M 22	23 26	12 14	5 6	25 5	2 13	14 45	2 23	26 4	2 58	4 39	1 21	20 0	0 14	13 3	0 29	20 47
T 23	23 26	7 56	5 9	24 56	2 13	15 5	2 23	26 4	3 0	4 40	1 21	20 1	0 14	13 4	0 29	20 47
W 24	23 26	3 11	4 53	24 45	2 13	15 25	2 22	26 3	3 1	4 42	1 21	20 2	0 14	13 5	0 29	20 47
T 25	23 25	1s45	4 19	24 33	2 12	15 45	2 21	26 3	3 2	4 43	1 20	20 3	0 15	13 6	0 29	20 48
F 26	23 24	6 36	3 30	24 19	2 11	16 4	2 20	26 2	3 3	4 44	1 20	20 4	0 15	13 7	0 29	20 48
S 27	23 22	11 6	2 27	24 4	2 9	16 23	2 19	26 2	3 4	4 46	1 20	20 5	0 15	13 8	0 29	20 48
S 28	23 19	14 59	1 16	23 47	2 6	16 41	2 18	26 1	3 5	4 48	1 19	20 6	0 15	13 8	0 29	20 48
M 29	23 16	17 58	0 1	23 29	2 3	16 59	2 17	26 0	3 6	4 49	1 19	20 7	0 15	13 9	0 29	20 49
T 30	23 13	19 53	1n13	23 10	1 59	17 17	2 16	25 59	3 7	4 51	1 19	20 8	0 15	13 10	0 29	20 49
W 31	23s 9	20s34	2n23	22s49	1s54	17s35	2n14	25n58	3n 7	4n53	1s18	20n 9	0n15	13s11	0n29	20s49

Julian Day Number = 2442747.5, Delta T = 46.37 sec
 Ecliptic obliquity = 23°26'26", Nutation = 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°24'14", Lahiri = 23°31'14"