



Astrodienst Ephemeris Tables for the year 1775

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 1775

geocentric

FEBRUARY 1775

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 44 2	12°29'	19°43'	6°7'	17°56'	12°R45	7°48'	8°R41	28°R24	22°R20	25°8'	3°R49	5°8'	21°47'	9°3'	W 1
T 2	8 47 59	13°3'20"	4°38'	7°48'	19°11'	12°M32	7°55'	8°40'	28°R24	22°M19	25°10'	3°D49	5°4'	21°54'	9°5'	T 2
F 3	8 51 55	14°4'10"	19°13'	9°30'	20°26'	12°17'	8°1'	8°38'	28°24'	22°18'	25°12'	3°M49	5°1'	22°0'	9°8'	F 3
S 4	8 55 52	15°4'58"	3°V23	11°13'	21°42'	12°2'	8°7'	8°36'	28°24'	22°17'	25°13'	3°51'	4°58'	22°7'	9°10'	S 4
S 5	8 59 48	16°5'45"	17°5'	12°56'	22°57'	11°46'	8°14'	8°35'	28°D24	22°16'	25°15'	3°52'	4°55'	22°14'	9°13'	S 5
M 6	9 3 45	17°6'30"	0°B20	14°41'	24°12'	11°29'	8°21'	8°33'	28°24'	22°14'	25°17'	3°53'	4°52'	22°20'	9°15'	M 6
T 7	9 7 41	18°7'14"	13°11'	16°26'	25°27'	11°12'	8°28'	8°30'	28°24'	22°13'	25°19'	3°R54	4°48'	22°27'	9°18'	T 7
W 8	9 11 38	19°7'56"	25°42'	18°12'	26°42'	10°54'	8°35'	8°28'	28°24'	22°12'	25°21'	3°54'	4°45'	22°34'	9°20'	W 8
T 9	9 15 35	20°8'37"	7°II56	19°59'	27°57'	10°36'	8°43'	8°26'	28°24'	22°10'	25°23'	3°53'	4°42'	22°40'	9°23'	T 9
F 10	9 19 31	21°9'15"	19°58'	21°46'	29°13'	10°16'	8°50'	8°24'	28°25'	22°9'	25°25'	3°52'	4°39'	22°47'	9°25'	F 10
S 11	9 23 28	22°9'53"	1°52'	23°35'	0°X28	9°57'	8°58'	8°21'	28°25'	22°8'	25°26'	3°50'	4°36'	22°54'	9°28'	S 11
S 12	9 27 24	23°10'28"	13°42'	25°24'	1°43'	9°37'	9°5'	8°19'	28°25'	22°6'	25°28'	3°48'	4°33'	23°0'	9°31'	S 12
M13	9 31 21	24°11'02"	25°32'	27°13'	2°58'	9°16'	9°13'	8°16'	28°26'	22°5'	25°30'	3°47'	4°29'	23°7'	9°34'	M13
T 14	9 35 17	25°11'35"	7°Ω23	29°4'	4°13'	8°55'	9°22'	8°13'	28°26'	22°3'	25°32'	3°46'	4°26'	23°14'	9°36'	T 14
W15	9 39 14	26°12'05"	19°18'	0°X55	5°28'	8°33'	9°30'	8°11'	28°27'	22°2'	25°33'	3°45'	4°23'	23°21'	9°39'	W15
T 16	9 43 10	27°12'34"	1°M20	2°46'	6°43'	8°11'	9°38'	8°8'	28°27'	22°0'	25°35'	3°D45	4°20'	23°27'	9°42'	T 16
F 17	9 47 7	28°13'02"	13°30'	4°38'	7°58'	7°48'	9°47'	8°5'	28°28'	21°59'	25°37'	3°45'	4°17'	23°34'	9°45'	F 17
S 18	9 51 3	29°13'27"	25°50'	6°31'	9°13'	7°26'	9°55'	8°2'	28°28'	21°57'	25°39'	3°45'	4°14'	23°41'	9°48'	S 18
S 19	9 55 0	0°X13'52"	8°Δ21	8°23'	10°28'	7°3'	10°4'	7°59'	28°29'	21°56'	25°40'	3°46'	4°10'	23°47'	9°51'	S 19
M20	9 58 57	1°14'15"	21°5'	10°16'	11°43'	6°39'	10°13'	7°55'	28°30'	21°54'	25°42'	3°46'	4°7'	23°54'	9°54'	M20
T 21	10 2 53	2°14'36"	4°M5	12°8'	12°58'	6°16'	10°22'	7°52'	28°31'	21°53'	25°44'	3°46'	4°4'	24°1'	9°57'	T 21
W22	10 6 50	3°14'56"	17°20'	13°59'	14°13'	5°52'	10°31'	7°49'	28°32'	21°51'	25°45'	3°46'	4°1'	24°7'	10°0'	W22
T 23	10 10 46	4°15'15"	0°X54	15°50'	15°28'	5°29'	10°40'	7°45'	28°32'	21°50'	25°47'	3°46'	3°58'	24°14'	10°3'	T 23
F 24	10 14 43	5°15'32"	14°47'	17°40'	16°42'	5°5'	10°50'	7°42'	28°33'	21°48'	25°48'	3°46'	3°54'	24°21'	10°6'	F 24
S 25	10 18 39	6°15'48"	28°59'	19°29'	17°57'	4°41'	10°59'	7°38'	28°34'	21°47'	25°50'	3°46'	3°51'	24°27'	10°9'	S 25
S 26	10 22 36	7°16'03"	13°Σ27	21°15'	19°12'	4°17'	11°9'	7°35'	28°36'	21°45'	25°52'	3°47'	3°48'	24°34'	10°12'	S 26
M27	10 26 32	8°16'16"	28°9'	23°0'	20°27'	3°53'	11°19'	7°31'	28°37'	21°43'	25°53'	3°47'	3°45'	24°41'	10°16'	M27
T 28	10 30 29	9°16'27"	12°Σ58	24°X41	21°X42	3°M30	11°Σ29	7°Δ27	28°X38	21°M42	25°Σ55	3°M47	3°M42	24°Σ47	10°Y19	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	17s12	13s42	1n17	20s43	2s 1	16s47	1s22	10n36	4n 8	13n11	1 s 0	1 s 8	2n32	19n40	0s10	4n10	1n14	23s18	2s13	10n 7	9n39	18n13	5n19	1n52
T 2	16 55	9 54	0s 5	20 19	2 3	16 24	1 23	10 42	4 9	13 13	1 0	1 7	2 32	19 40	0 9	4 11	1 14	23 18	2 13	10 7	9 40	18 12	5 20	1 52
F 3	16 38	5 34	1 24	19 53	2 4	16 1	1 24	10 49	4 11	13 16	0 59	1 6	2 32	19 40	0 9	4 11	1 14	23 18	2 13	10 7	9 41	18 12	5 20	1 52
S 4	16 20	1 3	2 36	19 26	2 5	15 38	1 25	10 56	4 12	13 18	0 59	1 5	2 32	19 40	0 9	4 12	1 14	23 18	2 13	10 7	9 42	18 11	5 21	1 52
S 5	16 2	3n22	3 37	18 57	2 5	15 14	1 25	11 4	4 13	13 20	0 59	1 4	2 33	19 40	0 9	4 12	1 14	23 17	2 13	10 6	9 43	18 11	5 22	1 52
M 6	15 44	7 29	4 24	18 26	2 5	14 49	1 26	11 11	4 15	13 23	0 59	1 3	2 33	19 40	0 9	4 13	1 14	23 17	2 13	10 6	9 44	18 10	5 23	1 52
T 7	15 25	11 6	4 56	17 54	2 4	14 24	1 26	11 19	4 16	13 25	0 58	1 2	2 33	19 40	0 9	4 13	1 14	23 17	2 13	10 5	9 46	18 10	5 24	1 52
W 8	15 6	14 8	5 13	17 21	2 3	13 59	1 27	11 27	4 17	13 28	0 58	1 1	2 33	19 40	0 9	4 14	1 14	23 17	2 14	10 5	9 47	18 10	5 25	1 51
T 9	14 47	16 28	5 16	16 46	2 2	13 33	1 27	11 35	4 18	13 30	0 58	1 0	2 34	19 41	0 9	4 14	1 14	23 17	2 14	10 6	9 48	18 9	5 26	1 51
F 10	14 28	18 2	5 4	16 9	2 0	13 7	1 27	11 43	4 19	13 33	0 58	0 58	2 34	19 41	0 9	4 15	1 14	23 16	2 14	10 6	9 49	18 9	5 26	1 51
S 11	14 8	18 48	4 40	15 31	1 57	12 41	1 27	11 51	4 19	13 36	0 57	0 57	2 34	19 41	0 9	4 15	1 14	23 16	2 14	10 7	9 50	18 8	5 27	1 51
S 12	13 49	18 44	4 3	14 52	1 55	12 14	1 28	11 59	4 20	13 39	0 57	0 56	2 34	19 41	0 9	4 16	1 14	23 16	2 14	10 7	9 51	18 8	5 28	1 51
M13	13 29	17 50	3 17	14 11	1 51	11 47	1 28	12 8	4 21	13 41	0 57	0 55	2 35	19 41	0 9	4 17	1 14	23 16	2 14	10 8	9 52	18 7	5 29	1 51
T 14	13 8	16 10	2 21	13 29	1 47	11 20	1 28	12 16	4 21	13 44	0 57	0 54	2 35	19 41	0 9	4 17	1 14	23 15	2 14	10 8	9 54	18 7	5 30	1 51
W15	12 48	13 47	1 19	12 45	1 42	10 53	1 28	12 25	4 22	13 47	0 56	0 52	2 35	19 41	0 9	4 18	1 14	23 15	2 14	10 9	9 55	18 7	5 31	1 50
T 16	12 27	10 48	0 13	12 0	1 37	10 25	1 28	12 34	4 22	13 50	0 56	0 51	2 35	19 41	0 9	4 18	1 14	23 15	2 14	10 9	9 56	18 6	5 32	1 50
F 17	12 6	7 19	0n54	11 14	1 31	9 57	1 27	12 42	4 22	13 53	0 56	0 50	2 36	19 41	0 9	4 19	1 14	23 15	2 15	10 9	9 57	18 6	5 33	1 50
S 18	11 45	3 29	2 0	10 27	1 25	9 28	1 27	12 51	4 23	13 56	0 56	0 48	2 36	19 42	0 9	4 20	1 14	23 15	2 15	10 9	9 58	18 5	5 34	1 50
S 19	11 24	0s33	3 1	9 38	1 18	8 59	1 27	13 0	4 23	13 59	0 55	0 47	2 36	19 42	0 9	4 20	1 14	23 14	2 15	10 8	9 59	18 5	5 35	1 50
M20	11 3	4 37	3 54	8 49	1 10	8 31	1 26	13 8	4 23	14 2	0 55	0 45	2 36	19 42	0 9	4 21	1 14	23 14	2 15	10 8	10 1	18 4	5 36	1 50
T 21	10 41	8 33	4 36	7 58	1 2	8 1	1 26	13 17	4 22	14 5	0 55	0 44	2 36	19 42	0 9	4 22	1 14	23 14	2 15	10 8	10 2	18 4	5 37	1 50
W22	10 20	12 9	5 5	7 7	0 53	7 32	1 25	13 26	4 22	14 8	0 55	0 42	2 37	19 42	0 9	4 22	1 14	23 14	2 15	10 8	10 3	18 3	5 39	1 49
T 23	9 58	15 11	5 17	6 15	0 43	7 3	1 25	13 34	4 22	14 11	0 54	0 41	2 37	19 43	0 9	4 23	1 14	23 14	2 15	10 8	10 4	18 3	5 40	1 49
F 24	9 36	17 26	5 12	5 23	0 33	6 33	1 24	13 42	4 21	14 14	0 54	0 39	2 37	19 43	0 9	4 23	1 14	23 13	2 15	10 8	10 5	18 2	5 41	1 49
S 25	9 13	18 40	4 48	4 30	0 22	6 3	1 24	13 51	4 21	14 17	0 54	0 38	2 37	19 43	0 9	4 24	1 14	23 13	2 16	10 8	10 6	18 2	5 42	1 49
S 26	8 51	18 43	4 5	3 38	0 10	5 33	1 23	13 59	4 20	14 20	0 54	0 36	2 37	19 43	0 9	4 25	1 14	23 13	2 16	10 8	10 8	18 1	5 43	1 49
M27	8 29	17 32	3 5	2 46	0n 2	5 3	1 22	14 7	4 19	14 24	0 53	0 34	2 38	19 44	0 9	4 25	1 14	23 13	2 16	10 8	10 9	18 1	5 44	1 49
T 28	8s 6	15s 8	1n53	1s54	0n14	4s32	1s21	14n15	4n18	14n27	0s53	0s33	2n38	19n44	0s 9	4n26	1n14	23s13	2s16	10n 8	10n10	18n 0	5n45	1n49

Julian Day Number = 2369396.5, Delta T = 21.90 sec

Ecliptic obliquity = 23°27'58", Nutation = - 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°36'00", Lahiri = 20°43'01"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775

geocentric

MARCH 1775

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 26	10°16'37	27°49'49	26°19'19	22°15'56	3°R 6	11°8'39	7°R23	28°8'39	21°R40	25°3'56	3°R48	3°11'39	24°5'54	10°10'22	W 1
T 2	10 38 22	11°16'44	12°16'33	27°54'24	24°11'11	2°11'43	11°49'49	7°11'19	28°40'40	21°11'39	25°5'58	3°11'48	3°35'35	25°1'10	10°25'25	T 2
F 3	10 42 19	12°16'50	27°3'27	29°24'24	25°26'26	2°20'20	11°59'59	7°15'15	28°42'42	21°13'37	25°5'59	3°47'47	3°32'32	25°7'10	10°29'29	F 3
S 4	10 46 15	13°16'54	11°16'14	0°16'49	26°41'41	1°57'57	12°9'9	7°11'11	28°43'43	21°13'35	26°1'1	3°46'46	3°29'29	25°14'14	10°32'32	S 4
S 5	10 50 12	14°16'56	25°1'25	2°8'8	27°55'55	1°35'35	12°20'20	7°7'7	28°44'44	21°13'34	26°2'2	3°45'45	3°26'26	25°21'21	10°35'35	S 5
M 6	10 54 8	15°16'56	8°24'24	3°21'21	29°10'10	1°13'13	12°30'30	7°3'3	28°46'46	21°13'32	26°4'4	3°43'43	3°23'23	25°27'27	10°39'39	M 6
T 7	10 58 5	16°16'54	21°22'22	4°28'28	0°16'24	0°51'51	12°41'41	6°59'59	28°47'47	21°13'30	26°5'5	3°42'42	3°20'20	25°34'34	10°42'42	T 7
W 8	11 2 1	17°16'49	3°11'57	5°28'28	1°39'39	0°30'30	12°52'52	6°55'55	28°49'49	21°12'29	26°6'6	3°41'41	3°16'16	25°41'41	10°45'45	W 8
T 9	11 5 58	18°16'43	16°15'15	6°20'20	2°54'54	0°10'10	13°3'3	6°50'50	28°51'51	21°12'27	26°8'8	3°40'40	3°13'13	25°47'47	10°49'49	T 9
F 10	11 9 55	19°16'34	28°18'18	7°5'5	4°8'8	29°15'50	13°14'14	6°46'46	28°52'52	21°12'25	26°9'9	3°41'41	3°10'10	25°54'54	10°52'52	F 10
S 11	11 13 51	20°16'23	10°16'12	7°41'41	5°23'23	29°30'30	13°25'25	6°42'42	28°54'54	21°12'24	26°10'10	3°42'42	3°7'7	26°1'1	10°56'56	S 11
S 12	11 17 48	21°16'09	22°2'2	8°9'9	6°37'37	29°11'11	13°36'36	6°37'37	28°56'56	21°12'22	26°12'12	3°43'43	3°4'4	26°7'7	10°59'59	S 12
M13	11 21 44	22°15'54	3°16'51	8°29'29	7°52'52	28°53'53	13°47'47	6°33'33	28°58'58	21°12'20	26°13'13	3°45'45	3°0'0	26°14'14	11°3'3	M13
T 14	11 25 41	23°15'36	15°45'45	8°40'40	9°6'6	28°35'35	13°59'59	6°28'28	28°59'59	21°11'19	26°14'14	3°46'46	2°57'57	26°21'21	11°6'6	T 14
W15	11 29 37	24°15'16	27°46'46	8°R43	10°20'20	28°18'18	14°10'10	6°24'24	29°1'1	21°11'17	26°15'15	3°R47	2°54'54	26°27'27	11°10'10	W15
T 16	11 33 34	25°14'54	9°16'57	8°38'38	11°35'35	28°2'2	14°22'22	6°19'19	29°3'3	21°11'15	26°17'17	3°47'47	2°51'51	26°34'34	11°13'13	T 16
F 17	11 37 30	26°14'30	22°21'21	8°24'24	12°49'49	27°46'46	14°33'33	6°15'15	29°5'5	21°11'14	26°18'18	3°46'46	2°48'48	26°41'41	11°17'17	F 17
S 18	11 41 27	27°14'04	4°16'59	8°3'3	14°3'3	27°31'31	14°45'45	6°10'10	29°7'7	21°11'12	26°19'19	3°44'44	2°45'45	26°47'47	11°20'20	S 18
S 19	11 45 24	28°13'36	17°51'51	7°36'36	15°17'17	27°17'17	14°57'57	6°5'5	29°9'9	21°11'10	26°20'20	3°40'40	2°41'41	26°54'54	11°24'24	S 19
M20	11 49 20	29°13'06	0°16'57	7°2'2	16°32'32	27°3'3	15°8'8	6°1'1	29°11'11	21°9'9	26°21'21	3°36'36	2°38'38	27°1'1	11°27'27	M20
T 21	11 53 17	0°16'13	14°16'16	6°22'22	17°46'46	26°50'50	15°20'20	5°56'56	29°13'13	21°7'7	26°22'22	3°32'32	2°35'35	27°7'7	11°31'31	T 21
W22	11 57 13	1°12'00	27°49'49	5°38'38	19°0'0	26°38'38	15°32'32	5°51'51	29°16'16	21°5'5	26°23'23	3°29'29	2°32'32	27°14'14	11°35'35	W22
T 23	12 1 10	2°11'24	11°16'23	4°51'51	20°14'14	26°27'27	15°45'45	5°47'47	29°18'18	21°4'4	26°24'24	3°26'26	2°29'29	27°21'21	11°38'38	T 23
F 24	12 5 6	3°10'47	25°27'27	4°1'1	21°28'28	26°17'17	15°57'57	5°42'42	29°20'20	21°2'2	26°25'25	3°24'24	2°25'25	27°27'27	11°42'42	F 24
S 25	12 9 3	4°10'08	9°16'32	3°9'9	22°42'42	26°7'7	16°9'9	5°37'37	29°22'22	21°1'1	26°26'26	3°D24	2°22'22	27°34'34	11°46'46	S 25
S 26	12 12 59	5°9'28	23°44'44	2°18'18	23°56'56	25°58'58	16°21'21	5°33'33	29°25'25	20°59'59	26°27'27	3°25'25	2°19'19	27°41'41	11°49'49	S 26
M27	12 16 56	6°8'45	8°16'3	1°27'27	25°10'10	25°50'50	16°34'34	5°28'28	29°27'27	20°57'57	26°28'28	3°27'27	2°16'16	27°47'47	11°53'53	M27
T 28	12 20 52	7°8'01	22°26'26	0°38'38	26°24'24	25°42'42	16°46'46	5°23'23	29°30'30	20°56'56	26°29'29	3°28'28	2°13'13	27°54'54	11°56'56	T 28
W29	12 24 49	8°7'15	6°16'51	29°15'51	27°38'38	25°36'36	16°59'59	5°19'19	29°32'32	20°54'54	26°30'30	3°R28	2°10'10	28°1'1	12°0'0	W29
T 30	12 28 46	9°6'27	21°9'9	29°8'8	28°52'52	25°30'30	17°11'11	5°14'14	29°34'34	20°53'53	26°31'31	3°27'27	2°6'6	28°7'7	12°4'4	T 30
F 31	12 32 42	10°16'53	5°16'20	28°16'28	0°8'6	25°16'25	17°16'24	5°16'9	29°37'37	20°51'51	26°33'31	3°11'24	2°11'3	28°14'14	12°16'16	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	7s43	11s44	0n33	1s 3	0n27	4s 2	1s20	14n22	4n17	14n30	0s53	0s31	2n38	19n44	0s 9	4n27
T 2	7 21	7 36	0s48	0 13	0 40	3 31	1 19	14 30	4 16	14 33	0 53	0 29	2 38	19 44	0 9	4 27
F 3	6 58	3 6	2 6	0n35	0 54	3 1	1 18	14 37	4 15	14 37	0 53	0 27	2 38	19 45	0 9	4 28
S 4	6 35	1n29	3 13	1 21	1 7	2 30	1 17	14 44	4 14	14 40	0 52	0 26	2 38	19 45	0 9	4 29
S 5	6 12	5 51	4 8	2 6	1 21	1 59	1 16	14 51	4 13	14 44	0 52	0 24	2 39	19 45	0 9	4 29
M 6	5 48	9 47	4 47	2 47	1 35	1 28	1 14	14 58	4 11	14 47	0 52	0 22	2 39	19 46	0 9	4 30
T 7	5 25	13 8	5 10	3 26	1 49	0 57	1 13	15 4	4 10	14 50	0 52	0 20	2 39	19 46	0 9	4 31
W 8	5 2	15 46	5 17	4 3	2 2	0 26	1 12	15 10	4 8	14 54	0 52	0 19	2 39	19 46	0 9	4 31
T 9	4 38	17 38	5 9	4 35	2 15	0n 5	1 10	15 16	4 6	14 57	0 51	0 17	2 39	19 47	0 9	4 32
F 10	4 15	18 39	4 48	5 4	2 27	0 36	1 9	15 21	4 4	15 1	0 51	0 15	2 39	19 47	0 9	4 33
S 11	3 51	18 50	4 15	5 29	2 39	1 7	1 7	15 27	4 3	15 4	0 51	0 13	2 39	19 48	0 9	4 33
S 12	3 28	18 11	3 31	5 51	2 50	1 37	1 6	15 31	4 1	15 8	0 51	0 11	2 40	19 48	0 9	4 34
M13	3 4	16 45	2 38	6 7	3 0	2 8	1 4	15 36	3 59	15 11	0 51	0 9	2 40	19 48	0 9	4 35
T 14	2 41	14 34	1 38	6 20	3 9	2 39	1 2	15 40	3 57	15 15	0 50	0 8	2 40	19 49	0 9	4 35
W15	2 17	11 45	0 33	6 28	3 16	3 10	1 1	15 44	3 55	15 19	0 50	0 6	2 40	19 49	0 9	4 36
T 16	1 53	8 22	0n34	6 31	3 22	3 41	0 59	15 48	3 52	15 22	0 50	0 4	2 40	19 50	0 9	4 37
F 17	1 30	4 35	1 41	6 30	3 27	4 12	0 57	15 52	3 50	15 26	0 50	0 2	2 40	19 50	0 9	4 37
S 18	1 6	0 31	2 44	6 25	3 30	4 42	0 55	15 55	3 48	15 29	0 50	0 0	2 40	19 51	0 9	4 38
S 19	0 42	3s38	3 39	6 15	3 31	5 13	0 53	15 58	3 46	15 33	0 49	0n 2	2 40	19 51	0 9	4 39
M20	0 19	7 41	4 24	6 1	3 31	5 43	0 51	16 0	3 43	15 37	0 49	0 4	2 40	19 51	0 9	4 39
T 21	0n 5	11 25	4 56	5 43	3 28	6 13	0 49	16 2	3 41	15 40	0 49	0 6	2 40	19 52	0 9	4 40
W22	0 29	14 37	5 12	5 22	3 24	6 44	0 47	16 4	3 39	15 44	0 49	0 8	2 40	19 52	0 9	4 41
T 23	0 52	17 4	5 10	4 57	3 18	7 14	0 45	16 6	3 36	15 48	0 49	0 9	2 40	19 53	0 9	4 41
F 24	1 16	18 33	4 51	4 30	3 10	7 43	0 42	16 7	3 34	15 51	0 49	0 11	2 41	19 53	0 9	4 42
S 25	1 40	18 55	4 14	4 1	3 1	8 13	0 40	16 8	3 31	15 55	0 48	0 13	2 41	19 54	0 9	4 42
S 26	2 3	18 5	3 20	3 31	2 50	8 43	0 38	16 9	3 29	15 59	0 48	0 15	2 41	19 54	0 9	4 43
M27	2 27	16 6	2 15	2 59	2 38	9 12	0 36	16 9	3 26	16 9	0 48	0 17	2 41	19 55	0 9	4 44
T 28	2 50	13 6	1 0	2 28	2 25	9 41	0 33	16 10	3 24	16 6	0 48	0 19	2 41	19 55	0 9	4 44
W29	3 13	9 18	0s18	1 56	2 10	10 10	0 31	16 9	3 21	16 10	0 48	0 21	2 41	19 56	0 9	4 45
T 30	3 37	4 58	1 35	1 25	1 55	10 38	0 29	16 9	3 19	16 13	0 48	0 23	2 41	19 57	0 9	4 46
F 31	4n 0	0s24	2s45	0n55	1n40	11n 7	0s26	16n 8	3n16	16n17	0s47	0n24	2n41	19n57	0s 9	4n46

Julian Day Number = 2369424.5, Delta T = 21.91 sec
 Ecliptic obliquity = 23°27'59, Nutation = - 0°00'07, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°36'04, Lahiri = 20°43'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775

geocentric

APRIL 1775

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 39	11°45'	19°17'	27°R53	18°20'	25°R21	17°37'	5°R 5	29°40'	20°R50	26°32'	3°R19	2m 0	28°21'	12°V11	S 1
S 2	12 40 35	12° 3'51	28°56'	27°K23	2°34	25°17'	17°49'	5° 0	29°42'	20°48'	26°33'	3m 13	1°57	28°27'	12°15	S 2
M 3	12 44 32	13° 2'54	16°15'	26°58'	3°48	25°15'	18° 2	4°55	29°45'	20°47'	26°34'	3° 6	1°54	28°34'	12°18	M 3
T 4	12 48 28	14° 1'56	29°13'	26°38'	5° 1	25°13'	18°15'	4°51	29°47'	20°45'	26°34'	3° 0	1°51	28°41'	12°22	T 4
W 5	12 52 25	15° 0'55	11°15'	26°24'	6°15	25°12'	18°28'	4°46	29°50'	20°44'	26°35'	2°54	1°47	28°47'	12°26	W 5
T 6	12 56 21	15°59'53	24°10'	26°16'	7°29	25°D11	18°41'	4°42	29°53'	20°42'	26°36'	2°50	1°44	28°54'	12°29	T 6
F 7	13 0 18	16°58'48	6°15	26°D12	8°42	25°12'	18°54'	4°37	29°56'	20°41'	26°36'	2°47	1°41	29° 1	12°33	F 7
S 8	13 4 15	17°57'40	18°10'	26°14'	9°56	25°13'	19° 7	4°33	29°58'	20°39'	26°37'	2°D47	1°38	29° 7	12°37	S 8
S 9	13 8 11	18°56'31	29°59	26°22	11° 9	25°14'	19°20'	4°28	0°11	20°38'	26°37'	2°47	1°35	29°14'	12°40	S 9
M10	13 12 8	19°55'19	11°15'	26°34'	12°23	25°17'	19°34'	4°24	0° 4	20°36'	26°38'	2°49	1°31	29°21'	12°44	M10
T 11	13 16 4	20°54'05	23°45	26°51	13°36	25°20'	19°47'	4°19	0° 7	20°35'	26°38'	2°50	1°28	29°27'	12°47	T 11
W12	13 20 1	21°52'48	5m 50	27°13'	14°50	25°24'	20° 0	4°15	0°10	20°34'	26°39'	2°R50	1°25	29°34'	12°51	W12
T 13	13 23 57	22°51'30	18°10'	27°40'	16° 3	25°29'	20°13'	4°11	0°13	20°32'	26°39'	2°49	1°22	29°41'	12°55	T 13
F 14	13 27 54	23°50'09	0°46	28°11'	17°16	25°34'	20°27'	4° 6	0°16	20°31'	26°40'	2°45	1°19	29°47'	12°58	F 14
S 15	13 31 50	24°48'46	13°40	28°46'	18°30	25°40'	20°40'	4° 2	0°19	20°29'	26°40'	2°40	1°16	29°54'	13° 2	S 15
S 16	13 35 47	25°47'21	26°54	29°24	19°43	25°46'	20°54'	3°58	0°22	20°28'	26°41'	2°32	1°12	0° 1	13° 5	S 16
M17	13 39 44	26°45'55	10m 25	0°V 7	20°56	25°54'	21° 7	3°54	0°25	20°27'	26°41'	2°23	1° 9	0° 7	13° 9	M17
T 18	13 43 40	27°44'26	24°11	0°53	22° 9	26° 1	21°21	3°50	0°28	20°26'	26°41'	2°14	1° 6	0°14	13°13	T 18
W19	13 47 37	28°42'56	8° 8	1°43	23°23	26°10	21°34	3°46	0°31	20°24'	26°41'	2° 6	1° 3	0°21	13°16	W19
T 20	13 51 33	29°41'24	22°13	2°36	24°36	26°19	21°48	3°42	0°34	20°23'	26°42'	1°59	1° 0	0°27	13°20	T 20
F 21	13 55 30	0°39'51	6°32	3°32	25°49	26°29	22° 2	3°38	0°37	20°22'	26°42'	1°54	0°56	0°34	13°23	F 21
S 22	13 59 26	1°38'15	20°32	4°31	27° 2	26°39	22°15	3°34	0°40	20°21'	26°42'	1°52	0°53	0°41	13°27	S 22
S 23	14 3 23	2°36'39	4°41	5°33	28°15	26°50	22°29	3°30	0°44	20°20'	26°42'	1°D51	0°50	0°47	13°30	S 23
M24	14 7 19	3°35'01	18°47	6°37	29°28	27° 1	22°43	3°26	0°47	20°19'	26°42'	1°52	0°47	0°54	13°34	M24
T 25	14 11 16	4°33'21	2°45	7°45	0°14	27°13	22°57	3°23	0°50	20°17'	26°43'	1°R52	0°44	1° 1	13°37	T 25
W26	14 15 13	5°31'40	16°49	8°54	1°53	27°25	23°10	3°19	0°53	20°16'	26°43'	1°51	0°41	1° 7	13°41	W26
T 27	14 19 9	6°29'57	0°V42	10° 7	3° 6	27°38	23°24	3°16	0°57	20°15'	26°43'	1°48	0°37	1°14	13°44	T 27
F 28	14 23 6	7°28'12	14°27	11°21	4°19	27°52	23°38	3°12	1° 0	20°14'	26°R43	1°42	0°34	1°21	13°47	F 28
S 29	14 27 2	8°26'26	28° 1	12°38	5°32	28° 6	23°52	3° 9	1° 3	20°13'	26°43'	1°34	0°31	1°27	13°51	S 29
S 30	14 30 59	9°24'38	11°R22	13°V58	6°14	28°120	24° 6	3° 5	1°11	20m 12	26°R43	1m 23	0m 28	1°R24	13°V54	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n23	4n 6	3s44	0n26	1n24	11n35	0s24	16n 7	3n14	16n21	0s47	0n26	2n41	19n58	0s 9	4n47	1n14	23s10	2s21	10n18	10n46	17n43	6n27	1n46			
S 2	4 46	8 18	4 28	0s 0	1 8	12 3	0 21	16 6	3 11	16 25	0 47	0 28	2 41	19 58	0 9	4 47	1 14	23 10	2 21	10 20	10 48	17 42	6 28	1 46			
M 3	5 9	11 59	4 57	0 25	0 52	12 30	0 19	16 5	3 9	16 28	0 47	0 30	2 41	19 59	0 9	4 48	1 14	23 10	2 21	10 23	10 49	17 42	6 29	1 46			
T 4	5 32	14 58	5 9	0 47	0 36	12 57	0 16	16 3	3 6	16 32	0 47	0 32	2 41	19 59	0 8	4 49	1 14	23 10	2 21	10 25	10 50	17 41	6 31	1 45			
W 5	5 55	17 10	5 6	1 8	0 20	13 24	0 13	16 1	3 4	16 36	0 47	0 34	2 41	20 0	0 8	4 49	1 14	23 10	2 21	10 27	10 51	17 41	6 32	1 45			
T 6	6 18	18 32	4 49	1 25	0 5	13 51	0 11	15 59	3 1	16 39	0 47	0 35	2 41	20 1	0 8	4 50	1 14	23 10	2 21	10 29	10 52	17 40	6 33	1 45			
F 7	6 41	19 0	4 19	1 40	0s10	14 17	0 8	15 56	2 58	16 43	0 46	0 37	2 41	20 1	0 8	4 50	1 14	23 10	2 21	10 29	10 53	17 39	6 35	1 45			
S 8	7 3	18 38	3 38	1 52	0 25	14 43	0 6	15 54	2 56	16 47	0 46	0 39	2 41	20 2	0 8	4 51	1 14	23 10	2 22	10 30	10 54	17 39	6 36	1 45			
S 9	7 26	17 26	2 48	2 2	0 38	15 9	0 3	15 51	2 54	16 51	0 46	0 41	2 41	20 2	0 8	4 51	1 14	23 10	2 22	10 30	10 56	17 38	6 37	1 45			
M10	7 48	15 29	1 51	2 9	0 52	15 34	0 0	15 47	2 51	16 54	0 46	0 42	2 40	20 3	0 8	4 52	1 14	23 10	2 22	10 29	10 57	17 37	6 39	1 45			
T 11	8 10	12 51	0 49	2 14	1 4	15 59	0n 2	15 44	2 49	16 58	0 46	0 44	2 40	20 4	0 8	4 53	1 14	23 10	2 22	10 29	10 58	17 37	6 40	1 45			
W12	8 32	9 38	0n16	2 16	1 16	16 23	0 5	15 40	2 46	17 2	0 46	0 46	2 40	20 4	0 8	4 53	1 14	23 11	2 22	10 28	10 59	17 36	6 42	1 45			
T 13	8 54	5 56	1 22	2 16	1 27	16 47	0 8	15 37	2 44	17 5	0 46	0 47	2 40	20 5	0 8	4 54	1 14	23 11	2 22	10 29	11 0	17 36	6 43	1 45			
F 14	9 16	1 55	2 25	2 13	1 38	17 11	0 11	15 33	2 41	17 9	0 45	0 49	2 40	20 6	0 8	4 54	1 14	23 11	2 23	10 30	11 1	17 35	6 44	1 45			
S 15	9 37	2s18	3 22	2 8	1 48	17 34	0 13	15 28	2 39	17 13	0 45	0 51	2 40	20 6	0 8	4 55	1 14	23 11	2 23	10 32	11 2	17 34	6 46	1 45			
S 16	9 59	6 30	4 9	2 1	1 57	17 57	0 16	15 24	2 37	17 16	0 45	0 52	2 40	20 7	0 8	4 55	1 14	23 11	2 23	10 35	11 3	17 34	6 47	1 45			
M17	10 20	10 28	4 44	1 52	2 5	18 19	0 19	15 19	2 34	17 20	0 45	0 54	2 40	20 7	0 8	4 56	1 14	23 11	2 23	10 38	11 5	17 33	6 48	1 45			
T 18	10 41	13 57	5 2	1 41	2 13	18 41	0 22	15 14	2 32	17 24	0 45	0 55	2 40	20 8	0 8	4 56	1 14	23 11	2 23	10 41	11 6	17 32	6 50	1 45			
W19	11 2	16 41	5 4	1 28	2 20	19 2	0 24	15 9	2 30	17 27	0 45	0 57	2 40	20 9	0 8	4 57	1 14	23 11	2 23	10 44	11 7	17 32	6 51	1 45			
T 20	11 23	18 28	4 47	1 12	2 26	19 23	0 27	15 4	2 27	17 31	0 45	0 58	2 40	20 9	0 8	4 57	1 14	23 11	2 23	10 47	11 8	17 31	6 52	1 45			
F 21	11 43	19 7	4 12	0 55	2 32	19 43	0 30	14 59	2 25	17 35	0 45	1 0	2 40	20 10	0 8	4 57	1 14	23 11	2 24	10 49	11 9	17 30	6 54	1 45			
S 22	12 3	18 34	3 22	0 36	2 37	20 3	0 33	14 53	2 23	17 38	0 44	1 1	2 39	20 11	0 8	4 58	1 14	23 11	2 24	10 49	11 10	17 30	6 55	1 45			
S 23	12 24	16 51	2 20	0 16	2 42	20 22	0 35	14 47	2 21	17 42	0 44	1 3	2 39	20 11	0 8	4 58	1 14	23 12	2 24	10 50	11 11	17 29	6 56	1 44			
M24	12 43	14 7	1 9	0n 6	2 45	20 41	0 38	14 41	2 18	17 45	0 44	1 4	2 39	20 12	0 8	4 59	1 14	23 12	2 24	10 49	11 12	17 28	6 58	1 44			
T 25	13 3	10 33	0s 5	0 30	2 48	20 59	0 41	14 35	2 16	17 49	0 44	1 5	2 39	20 13	0 8	4 59	1 14	23 12	2 24	10 49	11 14	17 28	6 59	1 44			
W26	13 23	6 25	1 19	0 55	2 51	21 16	0 43	14 29	2 14	17 53	0 44	1 7	2 39	20 14	0 8	5 0	1 14	23 12	2 24	10 50	11 15	17 27	7 0	1 44			
T 27	13 42	1 58	2 27	1 22	2 53	21 33	0 46	14 22	2 12	17 56	0 44	1 8	2 39	20 14	0 8	5 0	1 14	23 12	2 25	10 51	11 16	17 26	7 2	1 44			
F 28	14 1	2n32	3 26	1 50	2 54	21 50	0 49	14 15	2 10	18 0	0 44	1 9	2 39	20 15	0 8	5 0	1 14	23 12	2 25	10 53	11 17	17 26	7 3	1 44			
S 29	14 20	6 51	4 13	2 19	2 54	22 6	0 51	14 9	2 8	18 3	0 44	1 10	2 39	20 16	0 8	5 1	1 14	23 12	2 25	10 56	11 18	17 25	7 4	1 44			
S 30	14n39	10n45	4s44	2n50	2s54	22n21	0n54	14n 2	2n 5	18n 7	0s44	1n12	2n38	20n16	0s 8	5n 1	1n14	23s13	2s25	11n 0	11n19	17n24	7n 5	1n44			

ASTRODIENST EPHEMERIS for the year 1775
geocentric

MAY 1775

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 34 55	10 ⁸ 22'49	24 ⁸ 27	15 ⁹ 19	7 ¹¹ 57	28 ¹² 35	24 ⁸ 20	3°R 2	1 ¹¹ 10	20°R11	26°R42	1°R12	0 ¹⁰ 25	1 ¹⁴ 41	13 ⁹ 58	M 1
T 2	14 38 52	11°20'57	7 ¹¹ 16	16°43	9°10	28°50	24°34	2 ¹² 59	1°13	20 ¹⁰ 11	26 ¹² 42	1 ¹⁰ 0	0°22	1°47	14°1	T 2
W 3	14 42 48	12°19'04	19°48	18°9	10°22	29°6	24°48	2°56	1°16	20°10	26°42	0°49	0°18	1°54	14°4	W 3
T 4	14 46 45	13°17'10	2 ¹² 5	19°37	11°35	29°23	25°2	2°53	1°20	20°9	26°42	0°41	0°15	2°1	14°8	T 4
F 5	14 50 41	14°15'13	14°8	21°7	12°47	29°40	25°16	2°50	1°23	20°8	26°42	0°34	0°12	2°7	14°11	F 5
S 6	14 54 38	15°13'14	26°2	22°39	13°59	29°57	25°30	2°47	1°27	20°7	26°42	0°31	0°9	2°14	14°14	S 6
S 7	14 58 35	16°11'14	7 ¹² 51	24°13	15°12	0 ¹⁰ 15	25°44	2°44	1°30	20°6	26°41	0°29	0°6	2°21	14°17	S 7
M 8	15 2 31	17°9'12	19°41	25°49	16°24	0°33	25°58	2°42	1°34	20°6	26°41	0°D29	0°2	2°27	14°21	M 8
T 9	15 6 28	18°7'07	1 ¹⁰ 36	27°27	17°36	0°51	26°12	2°39	1°37	20°5	26°41	0°R29	29 ¹² 59	2°34	14°24	T 9
W10	15 10 24	19°5'02	13°43	29°7	18°49	1°10	26°26	2°36	1°40	20°4	26°41	0°28	29°56	2°41	14°27	W10
T 11	15 14 21	20°2'54	26°6	0 ⁸ 50	20°1	1°30	26°40	2°34	1°44	20°4	26°40	0°26	29°53	2°47	14°30	T 11
F 12	15 18 17	21°0'44	8 ¹² 49	2°34	21°13	1°49	26°54	2°32	1°47	20°3	26°40	0°21	29°50	2°54	14°33	F 12
S 13	15 22 14	21°58'33	21°54	4°20	22°25	2°10	27°8	2°29	1°51	20°2	26°39	0°14	29°47	3°1	14°36	S 13
S 14	15 26 10	22°56'20	5 ¹¹ 24	6°8	23°37	2°30	27°22	2°27	1°54	20°2	26°39	0°4	29°43	3°7	14°39	S 14
M15	15 30 7	23°54'06	19°16	7°59	24°49	2°51	27°36	2°25	1°58	20°1	26°39	29 ¹² 53	29°40	3°14	14°42	M15
T 16	15 34 4	24°51'51	3 ¹² 27	9°51	26°1	3°12	27°50	2°23	2°1	20°1	26°38	29°42	29°37	3°21	14°45	T 16
W17	15 38 0	25°49'34	17°51	11°46	27°12	3°34	28°5	2°21	2°5	20°0	26°38	29°31	29°34	3°27	14°48	W17
T 18	15 41 57	26°47'16	2 ¹² 22	13°42	28°24	3°56	28°19	2°20	2°8	20°0	26°37	29°21	29°31	3°34	14°51	T 18
F 19	15 45 53	27°44'57	16°53	15°40	29°36	4°18	28°33	2°18	2°12	19°59	26°36	29°15	29°28	3°41	14°54	F 19
S 20	15 49 50	28°42'36	1 ¹² 19	17°41	0 ¹² 47	4°40	28°47	2°16	2°15	19°59	26°36	29°11	29°24	3°47	14°57	S 20
S 21	15 53 46	29°40'15	15°36	19°43	1°59	5°3	29°1	2°15	2°19	19°59	26°35	29°10	29°21	3°54	15°0	S 21
M22	15 57 43	0 ¹² 37'53	29°43	21°46	3°10	5°26	29°15	2°14	2°22	19°58	26°35	29°9	29°18	4°1	15°2	M22
T 23	16 1 39	1°35'29	13°38	23°52	4°22	5°50	29°29	2°12	2°26	19°58	26°34	29°9	29°15	4°7	15°5	T 23
W24	16 5 36	2°33'05	27°22	25°59	5°33	6°14	29°43	2°11	2°29	19°58	26°33	29°8	29°12	4°14	15°8	W24
T 25	16 9 33	3°30'40	10°55	28°7	6°45	6°38	29°57	2°10	2°33	19°57	26°33	29°4	29°8	4°21	15°11	T 25
F 26	16 13 29	4°28'14	24°17	0 ¹² 17	7°56	7°2	0 ¹² 11	2°9	2°36	19°57	26°32	28°58	29°5	4°27	15°13	F 26
S 27	16 17 26	5°25'47	7 ¹² 28	2°28	9°7	7°27	0°26	2°8	2°40	19°57	26°31	28°48	29°2	4°34	15°16	S 27
S 28	16 21 22	6°23'19	20°27	4°39	10°18	7°52	0°40	2°7	2°43	19°57	26°30	28°37	28°59	4°41	15°18	S 28
M29	16 25 19	7°20'51	3 ¹² 13	6°51	11°29	8°17	0°54	2°7	2°47	19°57	26°30	28°24	28°56	4°47	15°21	M29
T 30	16 29 15	8°18'21	15°47	9°3	12°41	8°43	1°8	2°6	2°50	19°57	26°29	28°11	28°53	4°54	15°23	T 30
W31	16 33 12	9 ¹² 15'50	28 ¹² 8	11 ¹² 15	13 ¹² 52	9 ¹² 8	1 ¹² 22	2 ¹² 5	2 ¹² 54	19 ¹² 57	26 ¹² 28	27 ¹² 59	28 ¹² 49	5 ¹² 1	15 ¹² 26	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n57	14n 3	5s 0	3n22	2s54	22n35	0n57	13n54	2n 3	18n10	0s43	1n13	2n38	20n17	0s 8	5n 1
T 2	15 15	16 36	5 0	3 55	2 52	22 49	0 59	13 47	2 1	18 14	0 43	1 14	2 38	20 18	0 8	5 2
W 3	15 33	18 19	4 46	4 30	2 51	23 3	1 2	13 40	1 59	18 17	0 43	1 15	2 38	20 18	0 8	5 2
T 4	15 51	19 8	4 19	5 5	2 48	23 15	1 4	13 32	1 57	18 21	0 43	1 16	2 38	20 19	0 8	5 2
F 5	16 8	19 4	3 40	5 41	2 45	23 28	1 7	13 24	1 55	18 24	0 43	1 17	2 38	20 20	0 8	5 3
S 6	16 25	18 9	2 52	6 19	2 42	23 39	1 9	13 16	1 53	18 28	0 43	1 18	2 37	20 20	0 8	5 3
S 7	16 42	16 26	1 57	6 57	2 38	23 50	1 12	13 8	1 51	18 31	0 43	1 19	2 37	20 21	0 8	5 3
M 8	16 59	14 2	0 57	7 36	2 33	24 0	1 14	13 0	1 50	18 35	0 43	1 20	2 37	20 22	0 8	5 4
T 9	17 15	11 0	0n 6	8 16	2 28	24 9	1 16	12 52	1 48	18 38	0 43	1 21	2 37	20 23	0 8	5 4
W10	17 31	7 29	1 10	8 57	2 23	24 18	1 19	12 43	1 46	18 41	0 43	1 22	2 37	20 23	0 8	5 4
T 11	17 46	3 34	2 11	9 39	2 16	24 26	1 21	12 34	1 44	18 45	0 42	1 22	2 37	20 24	0 8	5 4
F 12	18 2	0s37	3 8	10 21	2 10	24 33	1 23	12 26	1 42	18 48	0 42	1 23	2 36	20 25	0 8	5 5
S 13	18 17	4 53	3 57	11 3	2 3	24 40	1 25	12 17	1 40	18 51	0 42	1 24	2 36	20 25	0 8	5 5
S 14	18 32	9 2	4 34	11 46	1 55	24 46	1 27	12 8	1 39	18 55	0 42	1 24	2 36	20 26	0 8	5 5
M15	18 46	12 49	4 56	12 30	1 47	24 51	1 30	11 58	1 37	18 58	0 42	1 25	2 36	20 27	0 8	5 5
T 16	19 0	15 57	5 0	13 13	1 39	24 56	1 32	11 49	1 35	19 1	0 42	1 26	2 36	20 28	0 8	5 5
W17	19 14	18 10	4 46	13 57	1 30	25 0	1 34	11 40	1 33	19 4	0 42	1 26	2 35	20 28	0 8	5 5
T 18	19 28	19 14	4 13	14 41	1 21	25 3	1 35	11 30	1 32	19 8	0 42	1 27	2 35	20 29	0 8	5 6
F 19	19 41	19 2	3 24	15 25	1 11	25 5	1 37	11 20	1 30	19 11	0 42	1 27	2 35	20 30	0 8	5 6
S 20	19 54	17 35	2 22	16 9	1 1	25 7	1 39	11 11	1 28	19 14	0 42	1 28	2 35	20 30	0 8	5 6
S 21	20 6	15 3	1 11	16 52	0 51	25 8	1 41	11 1	1 26	19 17	0 42	1 28	2 35	20 31	0 8	5 6
M22	20 18	11 38	0s 3	17 34	0 41	25 8	1 43	10 50	1 25	19 20	0 42	1 28	2 34	20 32	0 8	5 6
T 23	20 30	7 36	1 16	18 16	0 30	25 8	1 44	10 40	1 23	19 23	0 41	1 29	2 34	20 32	0 8	5 6
W24	20 42	3 14	2 23	18 57	0 20	25 7	1 46	10 30	1 22	19 26	0 41	1 29	2 34	20 33	0 8	5 6
T 25	20 53	1n14	3 22	19 37	0 9	25 5	1 47	10 20	1 20	19 29	0 41	1 29	2 34	20 34	0 8	5 6
F 26	21 4	5 35	4 8	20 16	0n 2	25 2	1 49	10 9	1 18	19 33	0 41	1 29	2 33	20 35	0 8	5 6
S 27	21 14	9 36	4 40	20 53	0 12	24 59	1 50	9 58	1 17	19 36	0 41	1 30	2 33	20 35	0 8	5 6
S 28	21 24	13 6	4 58	21 28	0 23	24 55	1 51	9 48	1 15	19 39	0 41	1 30	2 33	20 36	0 8	5 6
M29	21 34	15 55	5 0	22 1	0 33	24 50	1 53	9 37	1 14	19 41	0 41	1 30	2 33	20 37	0 8	5 6
T 30	21 43	17 57	4 47	22 32	0 43	24 45	1 54	9 26	1 12	19 44	0 41	1 30	2 33	20 37	0 8	5 6
W31	21n52	19n 7	4s21	23n 1	0n52	24n39	1n55	9n15	1n11	19n47	0s41	1n30	2n32	20n38	0s 8	5n 6

Julian Day Number = 2369485.5, Delta T = 21.93 sec
Ecliptic obliquity = 23°27'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°36'13, Lahiri = 20°43'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775
geocentric

JUNE 1775

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	16 37 8	10 ^{II} 13'18	10 [☾] 17	13 ^{II} 27	15 [☾] 2	9 [♍] 35	1 ^{II} 36	2°R 5	2 ^{II} 57	19°D57	26°R27	27°R49	28 [♈] 46	5 [♈] 7	15 [♈] 28	T 1
F 2	16 41 5	11°10'45	22°16	15°38	16°13	10° 1	1°50	2 [♈] 5	3° 1	19 [♍] 57	26 [☾] 26	27 [♈] 42	28°43	5°14	15°31	F 2
S 3	16 45 2	12° 8'11	4 [♈] 7	17°48	17°24	10°27	2° 4	2° 5	3° 4	19°57	26°25	27°37	28°40	5°21	15°33	S 3
S 4	16 48 58	13° 5'36	15°54	19°57	18°35	10°54	2°18	2°D 4	3° 8	19°57	26°24	27°35	28°37	5°27	15°35	S 4
M 5	16 52 55	14° 3'00	27°43	22° 5	19°45	11°21	2°32	2° 5	3°11	19°57	26°23	27°D35	28°34	5°34	15°38	M 5
T 6	16 56 51	15° 0'23	9 [♍] 37	24°11	20°56	11°49	2°46	2° 5	3°15	19°57	26°22	27°R35	28°30	5°40	15°40	T 6
W 7	17 0 48	15°57'44	21°43	26°16	22° 6	12°16	2°59	2° 5	3°18	19°57	26°21	27°35	28°27	5°47	15°42	W 7
T 8	17 4 44	16°55'05	4 [♈] 5	28°19	23°17	12°44	3°13	2° 5	3°22	19°58	26°20	27°33	28°24	5°54	15°44	T 8
F 9	17 8 41	17°52'24	16°49	0 [☾] 20	24°27	13°12	3°27	2° 6	3°25	19°58	26°19	27°30	28°21	6° 0	15°46	F 9
S 10	17 12 37	18°49'43	29°58	2°19	25°37	13°40	3°41	2° 6	3°29	19°58	26°18	27°25	28°18	6° 7	15°48	S 10
S 11	17 16 34	19°47'00	13 [♈] 34	4°15	26°47	14° 9	3°55	2° 7	3°32	19°58	26°17	27°17	28°14	6°14	15°50	S 11
M12	17 20 31	20°44'17	27°38	6°10	27°57	14°37	4° 9	2° 7	3°36	19°59	26°16	27° 7	28°11	6°20	15°52	M12
T 13	17 24 27	21°41'34	12 [♈] 4	8° 2	29° 7	15° 6	4°22	2° 8	3°39	19°59	26°15	26°57	28° 8	6°27	15°54	T 13
W14	17 28 24	22°38'49	26°48	9°52	0 [♈] 17	15°35	4°36	2° 9	3°42	20° 0	26°14	26°48	28° 5	6°34	15°56	W14
T 15	17 32 20	23°36'04	11 [☾] 42	11°39	1°27	16° 4	4°50	2°10	3°46	20° 0	26°13	26°40	28° 2	6°40	15°58	T 15
F 16	17 36 17	24°33'19	26°36	13°24	2°37	16°34	5° 3	2°11	3°49	20° 1	26°12	26°35	27°59	6°47	16° 0	F 16
S 17	17 40 13	25°30'33	11 [♈] 23	15° 7	3°46	17° 3	5°17	2°13	3°52	20° 1	26°10	26°32	27°55	6°54	16° 2	S 17
S 18	17 44 10	26°27'47	25°57	16°47	4°56	17°33	5°31	2°14	3°56	20° 2	26° 9	26°D31	27°52	7° 0	16° 3	S 18
M19	17 48 7	27°25'01	10 [♈] 14	18°25	6° 5	18° 3	5°44	2°15	3°59	20° 2	26° 8	26°32	27°49	7° 7	16° 5	M19
T 20	17 52 3	28°22'15	24°13	20° 1	7°15	18°34	5°58	2°17	4° 2	20° 3	26° 7	26°R32	27°46	7°14	16° 6	T 20
W21	17 56 0	29°19'28	7 [♈] 54	21°34	8°24	19° 4	6°11	2°18	4° 6	20° 3	26° 6	26°32	27°43	7°20	16° 8	W21
T 22	17 59 56	0 [☾] 16'42	21°17	23° 5	9°33	19°34	6°25	2°20	4° 9	20° 4	26° 4	26°30	27°40	7°27	16°10	T 22
F 23	18 3 53	1°13'56	4 [♈] 24	24°33	10°42	20° 5	6°38	2°22	4°12	20° 5	26° 3	26°26	27°36	7°34	16°11	F 23
S 24	18 7 49	2°11'09	17°18	25°59	11°51	20°36	6°51	2°24	4°15	20° 5	26° 2	26°19	27°33	7°40	16°12	S 24
S 25	18 11 46	3° 8'23	29°58	27°22	13° 0	21° 7	7° 5	2°26	4°18	20° 6	26° 1	26°11	27°30	7°47	16°14	S 25
M26	18 15 42	4° 5'36	12 ^{II} 27	28°43	14° 9	21°39	7°18	2°28	4°22	20° 7	25°59	26° 2	27°27	7°54	16°15	M26
T 27	18 19 39	5° 2'50	24°45	0 [♈] 1	15°17	22°10	7°31	2°30	4°25	20° 8	25°58	25°53	27°24	8° 0	16°16	T 27
W28	18 23 36	6° 0'03	6 [☾] 53	1°17	16°26	22°42	7°44	2°32	4°28	20° 9	25°57	25°44	27°20	8° 7	16°17	W28
T 29	18 27 32	6°57'17	18°52	2°30	17°34	23°14	7°57	2°35	4°31	20°10	25°55	25°37	27°17	8°14	16°19	T 29
F 30	18 31 29	7 [☾] 54'30	0 [♈] 45	3 [♈] 40	18 [♈] 42	23 [♍] 46	8 ^{II} 11	2 [♈] 37	4 ^{II} 34	20 [♍] 11	25 [☾] 54	25 [♈] 32	27 [♈] 14	8 [♈] 20	16 [♈] 20	F 30

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22n 0	19n22	3s43	23n27	1n 1	24n32	1n56	9n 3	1n 9	19n50	0s41	1n30	2n32	20n39
F 2	22 9	18 44	2 56	23 51	1 10	24 25	1 57	8 52	1 8	19 53	0 41	1 30	2 32	20 39
S 3	22 16	17 17	2 1	24 12	1 18	24 16	1 57	8 41	1 6	19 56	0 41	1 30	2 32	20 40
S 4	22 24	15 6	1 2	24 30	1 25	24 8	1 58	8 29	1 5	19 59	0 41	1 29	2 31	20 41
M 5	22 31	12 18	0n 1	24 46	1 32	23 58	1 59	8 18	1 3	20 2	0 41	1 29	2 31	20 41
T 6	22 37	8 57	1 4	24 59	1 38	23 48	1 59	8 6	1 2	20 4	0 40	1 29	2 31	20 42
W 7	22 44	5 12	2 5	25 9	1 44	23 37	2 0	7 54	1 1	20 7	0 40	1 29	2 31	20 43
T 8	22 49	1 9	3 1	25 16	1 49	23 26	2 0	7 42	0 59	20 10	0 40	1 28	2 30	20 43
F 9	22 55	3s 4	3 51	25 20	1 53	23 14	2 1	7 30	0 58	20 13	0 40	1 28	2 30	20 44
S 10	23 0	7 16	4 30	25 22	1 56	23 1	2 1	7 18	0 57	20 15	0 40	1 27	2 30	20 45
S 11	23 4	11 14	4 55	25 22	1 58	22 48	2 1	7 6	0 55	20 18	0 40	1 27	2 30	20 45
M12	23 9	14 43	5 3	25 19	2 0	22 34	2 1	6 53	0 54	20 20	0 40	1 26	2 30	20 46
T 13	23 12	17 25	4 53	25 14	2 1	22 20	2 1	6 41	0 53	20 23	0 40	1 26	2 29	20 47
W14	23 16	19 2	4 23	25 7	2 1	22 5	2 1	6 29	0 51	20 26	0 40	1 25	2 29	20 47
T 15	23 19	19 22	3 35	24 57	2 1	21 49	2 1	6 16	0 50	20 28	0 40	1 25	2 29	20 48
F 16	23 21	18 22	2 33	24 46	1 59	21 33	2 0	6 3	0 49	20 31	0 40	1 24	2 29	20 49
S 17	23 23	16 6	1 20	24 33	1 58	21 16	2 0	5 51	0 47	20 33	0 40	1 23	2 28	20 49
S 18	23 25	12 50	0 3	24 19	1 55	20 59	1 59	5 38	0 46	20 36	0 40	1 23	2 28	20 50
M19	23 26	8 52	1s13	24 2	1 52	20 41	1 59	5 25	0 45	20 38	0 40	1 22	2 28	20 51
T 20	23 27	4 29	2 23	23 45	1 48	20 23	1 58	5 12	0 44	20 40	0 40	1 21	2 28	20 51
W21	23 28	0n 2	3 23	23 26	1 43	20 4	1 57	4 59	0 42	20 43	0 40	1 20	2 27	20 52
T 22	23 28	4 26	4 11	23 6	1 38	19 45	1 56	4 46	0 41	20 45	0 40	1 19	2 27	20 52
F 23	23 28	8 32	4 44	22 45	1 32	19 25	1 55	4 33	0 40	20 47	0 40	1 18	2 27	20 53
S 24	23 27	12 11	5 2	22 23	1 26	19 5	1 54	4 19	0 39	20 50	0 40	1 17	2 27	20 54
S 25	23 26	15 11	5 5	22 0	1 19	18 44	1 53	4 6	0 38	20 52	0 40	1 16	2 27	20 54
M26	23 24	17 27	4 54	21 36	1 11	18 23	1 52	3 52	0 36	20 54	0 40	1 15	2 26	20 55
T 27	23 22	18 53	4 29	21 11	1 3	18 2	1 50	3 39	0 35	20 56	0 39	1 14	2 26	20 55
W28	23 20	19 26	3 52	20 47	0 54	17 40	1 49	3 25	0 34	20 59	0 39	1 13	2 26	20 56
T 29	23 17	19 5	3 4	20 21	0 45	17 17	1 47	3 12	0 33	21 1	0 39	1 12	2 26	20 57
F 30	23n14	17n54	2s10	19n56	0n35	16n54	1n45	2n58	0n32	21n 3	0s39	1n11	2n25	20n57

Julian Day Number = 2369516.5, Delta T = 21.94 sec
Ecliptic obliquity = 23°27'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°36'17, Lahiri = 20°43'17Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775
geocentric

JULY 1775

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 25	8♌51'43	12♏33	4♏47	19♏51	24♏18	8♏24	2♏40	4♏37	20♏11	25°R53	25°R29	27♏11	8♏27	16♏21	S 1
S 2	18 39 22	9°48'56	24°19	5°52	20°59	24°50	8°37	2°43	4°40	20°12	25♌51	25°D28	27° 8	8°34	16°22	S 2
M 3	18 43 18	10°46'08	6♏8	6°53	22° 7	25°22	8°50	2°45	4°43	20°13	25°50	25♏28	27° 5	8°40	16°23	M 3
T 4	18 47 15	11°43'21	18° 2	7°51	23°14	25°55	9° 2	2°48	4°46	20°14	25°49	25°30	27° 1	8°47	16°24	T 4
W 5	18 51 11	12°40'33	0♏7	8°47	24°22	26°28	9°15	2°51	4°49	20°16	25°47	25°31	26°58	8°53	16°24	W 5
T 6	18 55 8	13°37'45	12°28	9°38	25°30	27° 1	9°28	2°54	4°52	20°17	25°46	25°R32	26°55	9° 0	16°25	T 6
F 7	18 59 5	14°34'57	25°10	10°27	26°37	27°34	9°41	2°57	4°55	20°18	25°44	25°31	26°52	9° 7	16°26	F 7
S 8	19 3 1	15°32'09	8♏16	11°12	27°44	28° 7	9°53	3° 1	4°58	20°19	25°43	25°29	26°49	9°13	16°27	S 8
S 9	19 6 58	16°29'21	21°50	11°53	28°51	28°40	10° 6	3° 4	5° 1	20°20	25°42	25°25	26°45	9°20	16°27	S 9
M10	19 10 54	17°26'33	5♏53	12°30	29°58	29°14	10°19	3° 7	5° 4	20°21	25°40	25°20	26°42	9°27	16°28	M10
T 11	19 14 51	18°23'45	20°22	13° 4	1♏5	29°48	10°31	3°11	5° 6	20°22	25°39	25°15	26°39	9°33	16°28	T 11
W12	19 18 47	19°20'57	5♌13	13°33	2°12	0♏21	10°43	3°14	5° 9	20°24	25°37	25°10	26°36	9°40	16°29	W12
T 13	19 22 44	20°18'10	20°18	13°58	3°18	0°55	10°56	3°18	5°12	20°25	25°36	25° 6	26°33	9°47	16°29	T 13
F 14	19 26 40	21°15'23	5♏28	14°19	4°24	1°29	11° 8	3°22	5°14	20°26	25°34	25° 3	26°30	9°53	16°30	F 14
S 15	19 30 37	22°12'36	20°33	14°35	5°30	2° 3	11°20	3°25	5°17	20°28	25°33	25°D 2	26°26	10° 0	16°30	S 15
S 16	19 34 34	23° 9'50	5♏25	14°47	6°36	2°38	11°32	3°29	5°20	20°29	25°32	25° 2	26°23	10° 7	16°30	S 16
M17	19 38 30	24° 7'04	19°58	14°53	7°42	3°12	11°44	3°33	5°22	20°30	25°30	25° 3	26°20	10°13	16°30	M17
T 18	19 42 27	25° 4'19	4♏8	14°R55	8°48	3°47	11°56	3°37	5°25	20°32	25°29	25° 5	26°17	10°20	16°31	T 18
W19	19 46 23	26° 1'36	17°54	14°52	9°53	4°21	12° 8	3°41	5°27	20°33	25°27	25° 6	26°14	10°27	16°31	W19
T 20	19 50 20	26°58'53	1♏17	14°44	10°58	4°56	12°20	3°46	5°30	20°35	25°26	25°R 6	26°11	10°33	16°R31	T 20
F 21	19 54 16	27°56'10	14°20	14°31	12° 4	5°31	12°32	3°50	5°32	20°36	25°24	25° 5	26° 7	10°40	16°31	F 21
S 22	19 58 13	28°53'29	27° 4	14°13	13° 8	6° 6	12°44	3°54	5°35	20°38	25°23	25° 3	26° 4	10°47	16°31	S 22
S 23	20 2 9	29°50'49	9♏32	13°51	14°13	6°42	12°55	3°59	5°37	20°39	25°22	24°59	26° 1	10°53	16°31	S 23
M24	20 6 6	0♏48'10	21°48	13°24	15°18	7°17	13° 7	4° 3	5°40	20°41	25°20	24°56	25°58	11° 0	16°30	M24
T 25	20 10 3	1°45'31	3♌53	12°53	16°22	7°52	13°18	4° 8	5°42	20°42	25°19	24°52	25°55	11° 7	16°30	T 25
W26	20 13 59	2°42'54	15°51	12°18	17°26	8°28	13°30	4°12	5°44	20°44	25°17	24°48	25°51	11°13	16°30	W26
T 27	20 17 56	3°40'17	27°43	11°39	18°30	9° 4	13°41	4°17	5°46	20°46	25°16	24°45	25°48	11°20	16°30	T 27
F 28	20 21 52	4°37'41	9♏31	10°58	19°33	9°40	13°52	4°22	5°49	20°47	25°15	24°44	25°45	11°26	16°29	F 28
S 29	20 25 49	5°35'06	21°18	10°14	20°37	10°15	14° 3	4°27	5°51	20°49	25°13	24°D43	25°42	11°33	16°29	S 29
S 30	20 29 45	6°32'31	3♏6	9°29	21°40	10°52	14°14	4°32	5°53	20°51	25°12	24°43	25°39	11°40	16°28	S 30
M31	20 33 42	7♏29'58	14♏58	8♏44	22♏43	11♏28	14♏25	4♏37	5♏55	20♏52	25♌10	24♏44	25♏36	11♏46	16♏28	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23n10	15n57	1 s 9	19n30	0n25	16n31	1n44	2n44	0n31	21n 5	0s39	1n 9	2n25	20n58	0 s 8	5n 0
S 2	23 6	13 20	0 6	19 4	0 14	16 7	1 42	2 30	0 29	21 7	0 39	1 8	2 25	20 58	0 8	4 59
M 3	23 2	10 10	0n58	18 37	0 3	15 43	1 39	2 16	0 28	21 9	0 39	1 7	2 25	20 59	0 8	4 59
T 4	22 57	6 34	2 0	18 11	0s 8	15 19	1 37	2 2	0 27	21 11	0 39	1 6	2 24	20 59	0 8	4 58
W 5	22 52	2 40	2 57	17 46	0 20	14 54	1 35	1 48	0 26	21 13	0 39	1 4	2 24	21 0	0 8	4 58
T 6	22 46	1s26	3 48	17 20	0 33	14 29	1 33	1 34	0 25	21 15	0 39	1 3	2 24	21 0	0 8	4 58
F 7	22 40	5 34	4 29	16 55	0 45	14 4	1 30	1 20	0 24	21 17	0 39	1 1	2 24	21 1	0 8	4 57
S 8	22 34	9 35	4 57	16 30	0 58	13 39	1 28	1 6	0 23	21 19	0 39	1 0	2 24	21 1	0 8	4 57
S 9	22 27	13 14	5 11	16 6	1 12	13 13	1 25	0 52	0 22	21 21	0 39	0 58	2 23	21 2	0 8	4 56
M10	22 20	16 17	5 6	15 42	1 25	12 46	1 22	0 37	0 21	21 22	0 39	0 57	2 23	21 2	0 8	4 56
T 11	22 12	18 26	4 42	15 20	1 39	12 20	1 19	0 23	0 20	21 24	0 39	0 55	2 23	21 3	0 8	4 55
W12	22 4	19 23	3 59	14 58	1 53	11 53	1 16	0 9	0 19	21 26	0 39	0 54	2 23	21 3	0 8	4 55
T 13	21 56	18 59	2 58	14 37	2 7	11 26	1 13	0s 6	0 18	21 28	0 39	0 52	2 23	21 4	0 8	4 54
F 14	21 47	17 14	1 45	14 18	2 21	10 59	1 10	0 20	0 17	21 30	0 39	0 50	2 22	21 4	0 8	4 54
S 15	21 38	14 16	0 25	14 0	2 36	10 32	1 6	0 35	0 16	21 31	0 39	0 49	2 22	21 5	0 8	4 53
S 16	21 29	10 25	0s57	13 43	2 50	10 4	1 3	0 49	0 15	21 33	0 39	0 47	2 22	21 5	0 8	4 52
M17	21 19	6 1	2 12	13 28	3 4	9 36	0 59	1 4	0 14	21 35	0 39	0 45	2 22	21 6	0 8	4 52
T 18	21 9	1 23	3 18	13 14	3 17	9 8	0 56	1 19	0 13	21 36	0 39	0 43	2 22	21 6	0 8	4 51
W19	20 58	3n10	4 11	13 2	3 30	8 40	0 52	1 33	0 12	21 38	0 39	0 42	2 21	21 7	0 8	4 51
T 20	20 47	7 26	4 48	12 52	3 43	8 12	0 48	1 48	0 11	21 39	0 39	0 40	2 21	21 7	0 8	4 50
F 21	20 36	11 14	5 9	12 44	3 55	7 43	0 44	2 3	0 10	21 41	0 39	0 38	2 21	21 8	0 8	4 49
S 22	20 24	14 26	5 14	12 38	4 7	7 15	0 40	2 18	0 9	21 42	0 39	0 36	2 21	21 8	0 8	4 49
S 23	20 12	16 54	5 4	12 35	4 18	6 46	0 36	2 32	0 8	21 44	0 39	0 34	2 21	21 9	0 8	4 48
M24	20 0	18 33	4 41	12 33	4 27	6 17	0 31	2 47	0 7	21 45	0 39	0 32	2 20	21 9	0 8	4 48
T 25	19 47	19 20	4 5	12 34	4 36	5 48	0 27	3 2	0 6	21 47	0 39	0 30	2 20	21 9	0 8	4 47
W26	19 34	19 15	3 18	12 36	4 43	5 19	0 22	3 17	0 5	21 48	0 39	0 28	2 20	21 10	0 8	4 46
T 27	19 21	18 18	2 24	12 41	4 48	4 50	0 18	3 32	0 4	21 50	0 39	0 26	2 20	21 10	0 8	4 46
F 28	19 8	16 33	1 23	12 48	4 52	4 20	0 13	3 47	0 3	21 51	0 39	0 24	2 20	21 11	0 8	4 45
S 29	18 54	14 7	0 19	12 58	4 55	3 51	0 8	4 2	0 2	21 52	0 39	0 22	2 19	21 11	0 8	4 44
S 30	18 40	11 6	0n46	13 9	4 56	3 22	0 3	4 17	0 1	21 54	0 39	0 20	2 19	21 11	0 8	4 44
M31	18n25	7n37	1n50	13n21	4s55	2n52	0s 2	4s32	0n 0	21n55	0s39	0n18	2n19	21n12	0s 8	4n43

Julian Day Number = 2369546.5, Delta T = 21.95 sec
Ecliptic obliquity = 23°27'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°36'21, Lahiri = 20°43'21Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775

geocentric

AUGUST 1775

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 38	8♂27'25	26♂56	7°R58	23♂45	12♂4	14♂36	4♂42	5♂57	20♂54	25°R 9	24♂45	25♂32	11♂53	16°R27	T 1
W 2	20 41 35	9°24'53	9♂4	7♂13	24°48	12°40	14°47	4°47	5°59	20°56	25°R 8	24°47	25°29	12°0	16°Y26	W 2
T 3	20 45 32	10°22'21	21°27	6°30	25°50	13°17	14°57	4°52	6°1	20°58	25°6	24°48	25°26	12°6	16°26	T 3
F 4	20 49 28	11°19'51	4♂8	5°50	26°51	13°54	15°8	4°58	6°3	20°59	25°5	24°48	25°23	12°13	16°25	F 4
S 5	20 53 25	12°17'21	17°10	5°13	27°53	14°30	15°18	5°3	6°5	21°1	25°3	24°R48	25°20	12°20	16°24	S 5
S 6	20 57 21	13°14'52	0♂38	4°41	28°54	15°7	15°29	5°8	6°7	21°3	25°2	24°48	25°17	12°26	16°23	S 6
M 7	21 1 18	14°12'24	14°32	4°13	29°55	15°44	15°39	5°14	6°8	21°5	25°1	24°47	25°13	12°33	16°22	M 7
T 8	21 5 14	15°9'57	28°52	3°50	0♂56	16°21	15°49	5°19	6°10	21°7	24°59	24°46	25°10	12°40	16°21	T 8
W 9	21 9 11	16°7'31	13♂35	3°34	1°56	16°59	15°59	5°25	6°12	21°9	24°58	24°45	25°7	12°46	16°20	W 9
T 10	21 13 7	17°5'05	28°36	3°24	2°56	17°36	16°9	5°31	6°14	21°11	24°57	24°44	25°4	12°53	16°19	T 10
F 11	21 17 4	18°2'41	13♂48	3°D21	3°55	18°13	16°19	5°36	6°15	21°12	24°56	24°44	25°1	13°0	16°18	F 11
S 12	21 21 1	19°0'18	28°59	3°25	4°54	18°51	16°29	5°42	6°17	21°14	24°54	24°D44	24°57	13°6	16°17	S 12
S 13	21 24 57	19°57'56	14♂2	3°36	5°53	19°28	16°38	5°48	6°18	21°16	24°53	24°44	24°54	13°13	16°16	S 13
M14	21 28 54	20°55'36	28°47	3°55	6°52	20°6	16°48	5°54	6°20	21°18	24°52	24°44	24°51	13°19	16°15	M14
T 15	21 32 50	21°53'17	13♂Y10	4°21	7°50	20°44	16°57	6°0	6°21	21°20	24°50	24°44	24°51	13°26	16°13	T 15
W16	21 36 47	22°51'00	27°6	4°54	8°47	21°22	17°6	6°6	6°22	21°22	24°49	24°45	24°45	13°33	16°12	W16
T 17	21 40 43	23°48'44	10♂36	5°34	9°44	22°0	17°15	6°12	6°24	21°24	24°48	24°45	24°42	13°39	16°10	T 17
F 18	21 44 40	24°46'30	23°41	6°22	10°41	22°38	17°24	6°18	6°25	21°26	24°47	24°45	24°38	13°46	16°9	F 18
S 19	21 48 36	25°44'18	6♂23	7°17	11°37	23°16	17°33	6°24	6°26	21°28	24°46	24°45	24°35	13°53	16°8	S 19
S 20	21 52 33	26°42'07	18°47	8°18	12°33	23°54	17°42	6°30	6°28	21°30	24°44	24°45	24°32	13°59	16°6	S 20
M21	21 56 30	27°39'59	0♂56	9°26	13°29	24°33	17°51	6°36	6°29	21°33	24°43	24°45	24°29	14°6	16°4	M21
T 22	22 0 26	28°37'52	12°54	10°41	14°23	25°11	17°59	6°43	6°30	21°35	24°42	24°46	24°26	14°13	16°3	T 22
W23	22 4 23	29°35'46	24°46	12°1	15°18	25°50	18°8	6°49	6°31	21°37	24°41	24°46	24°23	14°19	16°1	W23
T 24	22 8 19	0♂33'42	6♂34	13°26	16°12	26°29	18°16	6°55	6°32	21°39	24°40	24°47	24°19	14°26	15°59	T 24
F 25	22 12 16	1°31'40	18°21	14°56	17°5	27°8	18°24	7°2	6°33	21°41	24°39	24°47	24°16	14°33	15°58	F 25
S 26	22 16 12	2°29'40	0♂10	16°31	17°57	27°47	18°32	7°8	6°34	21°43	24°38	24°R47	24°13	14°39	15°56	S 26
S 27	22 20 9	3°27'41	12°3	18°10	18°50	28°26	18°40	7°15	6°35	21°45	24°37	24°46	24°10	14°46	15°54	S 27
M28	22 24 5	4°25'44	24°2	19°53	19°41	29°5	18°47	7°21	6°35	21°47	24°36	24°46	24°7	14°53	15°52	M28
T 29	22 28 2	5°23'48	6♂10	21°38	20°32	29°44	18°55	7°28	6°36	21°49	24°35	24°44	24°3	14°59	15°50	T 29
W30	22 31 58	6°21'54	18°28	23°27	21°22	0♂23	19°2	7°35	6°37	21°52	24°34	24°43	24°0	15°6	15°48	W30
T 31	22 35 55	7♂20'01	0♂59	25♂17	22♂12	1♂3	19♂10	7♂41	6♂37	21♂54	24♂33	24♂41	23♂57	15♂12	15♂46	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n10	3n49	2n49	13n36	4s52	2n23	0s 7	4s47	0s 0	21n56	0s39	0n15	2n19	21n12	0s 8	4n42
W 2	17 55	0s12	3 42	13 51	4 47	1 53	0 12	5 2	0 1	21 57	0 39	0 13	2 19	21 12	0 8	4 42
T 3	17 40	4 16	4 25	14 8	4 41	1 24	0 18	5 17	0 2	21 58	0 39	0 11	2 19	21 13	0 8	4 41
F 4	17 24	8 15	4 57	14 26	4 32	0 54	0 23	5 32	0 3	22 0	0 39	0 9	2 18	21 13	0 8	4 40
S 5	17 8	11 57	5 15	14 44	4 23	0 24	0 28	5 47	0 4	22 1	0 39	0 6	2 18	21 13	0 8	4 39
S 6	16 52	15 9	5 16	15 3	4 11	0s 5	0 34	6 2	0 5	22 2	0 39	0 4	2 18	21 14	0 8	4 38
M 7	16 35	17 37	4 59	15 21	3 59	0 35	0 40	6 17	0 6	22 3	0 39	0 2	2 18	21 14	0 8	4 37
T 8	16 18	19 5	4 23	15 40	3 45	1 4	0 46	6 32	0 7	22 4	0 39	0s 0	2 18	21 14	0 8	4 37
W 9	16 1	19 18	3 29	15 58	3 30	1 33	0 51	6 47	0 7	22 5	0 39	0 3	2 18	21 15	0 8	4 36
T 10	15 44	18 10	2 20	16 16	3 15	2 3	0 57	7 3	0 8	22 6	0 39	0 5	2 18	21 15	0 7	4 36
F 11	15 26	15 44	1 0	16 32	2 58	2 32	1 4	7 18	0 9	22 7	0 39	0 8	2 17	21 15	0 7	4 35
S 12	15 9	12 13	0s24	16 48	2 42	3 1	1 10	7 33	0 10	22 8	0 39	0 10	2 17	21 15	0 7	4 34
S 13	14 50	7 55	1 45	17 2	2 24	3 30	1 16	7 48	0 11	22 9	0 39	0 12	2 17	21 16	0 7	4 33
M14	14 32	3 13	2 58	17 14	2 7	3 59	1 22	8 3	0 12	22 10	0 39	0 15	2 17	21 16	0 7	4 32
T 15	14 14	1n33	3 58	17 25	1 50	4 28	1 29	8 18	0 12	22 11	0 39	0 17	2 17	21 16	0 7	4 32
W16	13 55	6 4	4 42	17 34	1 32	4 57	1 35	8 33	0 13	22 12	0 39	0 20	2 17	21 16	0 7	4 31
T 17	13 36	10 8	5 8	17 41	1 15	5 25	1 42	8 48	0 14	22 13	0 39	0 22	2 17	21 17	0 7	4 30
F 18	13 17	13 35	5 18	17 45	0 59	5 54	1 48	9 3	0 15	22 14	0 39	0 25	2 16	21 17	0 7	4 29
S 19	12 57	16 17	5 12	17 47	0 42	6 22	1 55	9 18	0 16	22 14	0 39	0 27	2 16	21 17	0 7	4 28
S 20	12 38	18 10	4 51	17 47	0 27	6 50	2 2	9 32	0 16	22 15	0 39	0 30	2 16	21 17	0 7	4 28
M21	12 18	19 11	4 17	17 43	0 12	7 18	2 9	9 47	0 17	22 16	0 39	0 33	2 16	21 18	0 7	4 27
T 22	11 58	19 19	3 32	17 37	0n 3	7 46	2 16	10 2	0 18	22 17	0 39	0 35	2 16	21 18	0 7	4 26
W23	11 38	18 35	2 39	17 28	0 16	8 13	2 23	10 17	0 19	22 17	0 39	0 38	2 16	21 18	0 7	4 25
T 24	11 17	17 3	1 40	17 16	0 29	8 41	2 30	10 32	0 19	22 18	0 39	0 40	2 16	21 18	0 7	4 24
F 25	10 57	14 47	0 36	17 1	0 41	9 8	2 37	10 46	0 20	22 19	0 39	0 43	2 16	21 18	0 7	4 23
S 26	10 36	11 54	0n30	16 43	0 52	9 35	2 44	11 1	0 21	22 20	0 39	0 46	2 16	21 18	0 7	4 23
S 27	10 15	8 30	1 34	16 23	1 2	10 1	2 51	11 16	0 22	22 20	0 39	0 48	2 15	21 19	0 7	4 22
M28	9 54	4 45	2 35	15 59	1 10	10 28	2 58	11 30	0 22	22 21	0 39	0 51	2 15	21 19	0 7	4 21
T 29	9 33	0 46	3 30	15 33	1 18	10 54	3 6	11 45	0 23	22 21	0 39	0 54	2 15	21 19	0 7	4 20
W30	9 11	3s18	4 16	15 4	1 25	11 19	3 13	12 0	0 24	22 22	0 39	0 56	2 15	21 19	0 7	4 19
T 31	8n50	7s18	4n50	14n32	1n31	11s45	3s21	12s14	0s25	22n23	0s39	0s59	2n15	21n19	0s 7	4n18

Julian Day Number = 2369577.5, Delta T = 21.96 sec
 Ecliptic obliquity = 23°27'59, Nutation = - 0°00'09, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°36'25, Lahiri = 20°43'26Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775

geocentric

SEPTEMBER 1775

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 39 52	8 ^m 18'10"	13 ^m 46'	27 ^o 09'	23 ^o 00'	1 ^m 42'	19 ^h 11'	7 ^h 48'	6 ^h 38'	21 ^h 56'	24 ^h R32	24 ^h R40	23 ^h 054	15 ^h 019	15 ^h R44	F 1
S 2	22 43 48	9°16'20"	26°49'	29° 3'	23°48'	2°22'	19°24'	7°55'	6°39'	21°58'	24 ^h 31'	24 ^h 039	23°51'	15°26'	15 ^h Y42	S 2
S 3	22 47 45	10°14'31"	10 ^h 12'	0 ^h 58'	24°36'	3° 1'	19°30'	8° 1'	6°39'	22° 0'	24°30'	24°D38	23°48'	15°32'	15°40'	S 3
M 4	22 51 41	11°12'45"	23°57'	2°53'	25°22'	3°41'	19°37'	8° 8'	6°39'	22° 2'	24°29'	24°39'	23°44'	15°39'	15°38'	M 4
T 5	22 55 38	12°10'59"	8 ^h 30'	4°48'	26° 8'	4°21'	19°40'	8°15'	6°40'	22° 5'	24°28'	24°40'	23°41'	15°46'	15°35'	T 5
W 6	22 59 34	13° 9'16"	22°30'	6°44'	26°52'	5° 1'	19°50'	8°22'	6°40'	22° 7'	24°27'	24°41'	23°38'	15°52'	15°33'	W 6
T 7	23 3 31	14° 7'33"	7 ^h 14'	8°39'	27°36'	5°41'	19°56'	8°29'	6°40'	22° 9'	24°27'	24°42'	23°35'	15°59'	15°31'	T 7
F 8	23 7 27	15° 5'52"	22°11'	10°34'	28°19'	6°21'	20° 2'	8°36'	6°41'	22°11'	24°26'	24°R42	23°32'	16° 6'	15°29'	F 8
S 9	23 11 24	16° 4'13"	7 ^h 14'	12°29'	29° 1'	7° 1'	20° 8'	8°43'	6°41'	22°14'	24°25'	24°42'	23°28'	16°12'	15°26'	S 9
S 10	23 15 21	17° 2'36"	22°13'	14°23'	29°41'	7°42'	20°14'	8°50'	6°41'	22°16'	24°24'	24°41'	23°25'	16°19'	15°24'	S 10
M 11	23 19 17	18° 1'01"	7 ^h Y 0'	16°16'	0 ^h M21	8°22'	20°19'	8°57'	6°41'	22°18'	24°24'	24°38'	23°22'	16°26'	15°22'	M 11
T 12	23 23 14	18°59'27"	21°28'	18° 9'	1° 0'	9° 3'	20°25'	9° 4'	6°R41	22°20'	24°23'	24°35'	23°19'	16°32'	15°19'	T 12
W 13	23 27 10	19°57'56"	5 ^h 32'	20° 0'	1°37'	9°43'	20°30'	9°11'	6°41'	22°22'	24°22'	24°31'	23°16'	16°39'	15°17'	W 13
T 14	23 31 7	20°56'26"	19° 9'	21°51'	2°13'	10°24'	20°35'	9°18'	6°41'	22°25'	24°22'	24°28'	23°13'	16°45'	15°14'	T 14
F 15	23 35 3	21°54'59"	2 ^h 19'	23°41'	2°48'	11° 5'	20°40'	9°25'	6°41'	22°27'	24°21'	24°25'	23° 9'	16°52'	15°12'	F 15
S 16	23 39 0	22°53'35"	15° 5'	25°30'	3°22'	11°46'	20°45'	9°32'	6°41'	22°29'	24°20'	24°24'	23° 6'	16°59'	15° 9'	S 16
S 17	23 42 56	23°52'12"	27°29'	27°17'	3°55'	12°26'	20°49'	9°40'	6°41'	22°31'	24°20'	24°D24	23° 3'	17° 5'	15° 7'	S 17
M 18	23 46 53	24°50'52"	9 ^h 37'	29° 4'	4°26'	13° 7'	20°53'	9°47'	6°40'	22°34'	24°19'	24°25'	23° 0'	17°12'	15° 4'	M 18
T 19	23 50 50	25°49'34"	21°32'	0 ^h 50'	4°55'	13°49'	20°58'	9°54'	6°40'	22°36'	24°19'	24°26'	22°57'	17°19'	15° 1'	T 19
W 20	23 54 46	26°48'18"	3 ^h 02'	2°35'	5°23'	14°30'	21° 2'	10° 1'	6°40'	22°38'	24°18'	24°28'	22°54'	17°25'	14°59'	W 20
T 21	23 58 43	27°47'04"	15° 8'	4°19'	5°50'	15°11'	21° 5'	10° 8'	6°39'	22°40'	24°18'	24°29'	22°50'	17°32'	14°56'	T 21
F 22	0 2 39	28°45'52"	26°57'	6° 2'	6°15'	15°52'	21° 9'	10°16'	6°39'	22°42'	24°17'	24°R30	22°47'	17°39'	14°53'	F 22
S 23	0 6 36	29°44'43"	8 ^h Y 50'	7°44'	6°38'	16°34'	21°13'	10°23'	6°38'	22°45'	24°17'	24°29'	22°44'	17°45'	14°51'	S 23
S 24	0 10 32	0 ^h 43'35"	20°52'	9°25'	6°59'	17°15'	21°16'	10°30'	6°38'	22°47'	24°16'	24°26'	22°41'	17°52'	14°48'	S 24
M 25	0 14 29	1°42'30"	3 ^h 13'	11° 5'	7°19'	17°57'	21°19'	10°38'	6°37'	22°49'	24°16'	24°21'	22°38'	17°59'	14°45'	M 25
T 26	0 18 25	2°41'27"	15°26'	12°44'	7°37'	18°39'	21°22'	10°45'	6°36'	22°51'	24°16'	24°15'	22°34'	18° 5'	14°43'	T 26
W 27	0 22 22	3°40'25"	28° 1'	14°22'	7°53'	19°21'	21°24'	10°52'	6°35'	22°54'	24°15'	24° 8'	22°31'	18°12'	14°40'	W 27
T 28	0 26 18	4°39'26"	10 ^h M 49'	16° 0'	8° 7'	20° 2'	21°27'	11° 0'	6°35'	22°56'	24°15'	24° 1'	22°28'	18°19'	14°37'	T 28
F 29	0 30 15	5°38'28"	23°49'	17°36'	8°18'	20°44'	21°29'	11° 7'	6°34'	22°58'	24°15'	23°55'	22°25'	18°25'	14°34'	F 29
S 30	0 34 12	6 ^h 37'32"	7 ^h Y 3'	19 ^h 12'	8 ^h M 28'	21 ^h M 26'	21 ^h 31'	11 ^h 14'	6 ^h 33'	23 ^h Y 0'	24 ^h 15'	23 ^h 049	22 ^h 022	18 ^h 032	14 ^h Y 32'	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
F 1	8n28	11s 2	5n11	13n59	1n36	12s10	3s28	12s28	0s25	22n23	0s39	1s 2	2n15	21n19	0s 7	4n18	1n11	23s50	2s38	13n19	13n34	15n32	7n49	1n45			
S 2	8 6	14 20	5 16	13 23	1 40	12 35	3 35	12 43	0 26	22 24	0 39	1 5	2 15	21 19	0 7	4 17	1 11	23 50	2 38	13 19	13 35	15 30	7 48	1 45			
S 3	7 44	16 58	5 5	12 45	1 43	13 0	3 43	12 57	0 27	22 24	0 39	1 7	2 15	21 19	0 7	4 16	1 11	23 50	2 38	13 19	13 36	15 29	7 47	1 45			
M 4	7 22	18 44	4 36	12 6	1 46	13 24	3 51	13 11	0 27	22 25	0 39	1 10	2 15	21 19	0 7	4 15	1 11	23 51	2 38	13 19	13 37	15 28	7 46	1 45			
T 5	7 0	19 23	3 50	11 25	1 47	13 48	3 58	13 26	0 28	22 25	0 39	1 13	2 15	21 19	0 7	4 14	1 11	23 51	2 38	13 19	13 38	15 27	7 46	1 45			
W 6	6 38	18 49	2 49	10 43	1 48	14 11	4 6	13 40	0 29	22 26	0 39	1 16	2 15	21 20	0 7	4 13	1 11	23 51	2 38	13 19	13 39	15 26	7 45	1 45			
T 7	6 15	16 57	1 35	10 0	1 48	14 34	4 13	13 54	0 29	22 26	0 39	1 18	2 14	21 20	0 7	4 12	1 11	23 51	2 38	13 18	13 41	15 25	7 44	1 45			
F 8	5 53	13 55	0 14	9 16	1 47	14 57	4 21	14 8	0 30	22 27	0 39	1 21	2 14	21 20	0 7	4 11	1 11	23 51	2 38	13 18	13 42	15 24	7 43	1 45			
S 9	5 30	9 56	1s 9	8 31	1 46	15 19	4 29	14 22	0 31	22 27	0 39	1 24	2 14	21 20	0 7	4 11	1 11	23 52	2 38	13 18	13 43	15 22	7 42	1 45			
S 10	5 7	5 20	2 26	7 45	1 44	15 41	4 36	14 35	0 31	22 27	0 39	1 27	2 14	21 20	0 7	4 10	1 11	23 52	2 39	13 19	13 44	15 21	7 41	1 45			
M11	4 45	0 28	3 33	6 59	1 41	16 2	4 44	14 49	0 32	22 28	0 39	1 30	2 14	21 20	0 7	4 9	1 11	23 52	2 39	13 19	13 45	15 20	7 40	1 45			
T 12	4 22	4n18	4 24	6 12	1 38	16 23	4 52	15 3	0 33	22 28	0 39	1 33	2 14	21 20	0 7	4 8	1 11	23 52	2 39	13 21	13 46	15 19	7 39	1 45			
W13	3 59	8 42	4 57	5 25	1 35	16 43	4 59	15 16	0 33	22 29	0 39	1 35	2 14	21 20	0 7	4 7	1 11	23 52	2 39	13 22	13 47	15 18	7 38	1 45			
T 14	3 36	12 30	5 13	4 38	1 31	17 3	5 7	15 30	0 34	22 29	0 39	1 38	2 14	21 20	0 7	4 6	1 11	23 52	2 39	13 23	13 48	15 17	7 37	1 45			
F 15	3 13	15 33	5 11	3 50	1 27	17 23	5 15	15 43	0 35	22 29	0 39	1 41	2 14	21 20	0 7	4 5	1 11	23 52	2 39	13 24	13 49	15 16	7 36	1 45			
S 16	2 49	17 45	4 54	3 3	1 22	17 41	5 22	15 56	0 35	22 30	0 39	1 44	2 14	21 20	0 7	4 4	1 11	23 53	2 39	13 24	13 50	15 14	7 35	1 45			
S 17	2 26	19 3	4 24	2 16	1 17	18 0	5 29	16 10	0 36	22 30	0 39	1 47	2 14	21 20	0 7	4 4	1 11	23 53	2 39	13 24	13 51	15 13	7 34	1 45			
M18	2 3	19 26	3 42	1 28	1 12	18 17	5 37	16 23	0 37	22 30	0 39	1 50	2 14	21 20	0 7	4 3	1 11	23 53	2 39	13 24	13 52	15 12	7 33	1 45			
T 19	1 40	18 56	2 51	0 41	1 7	18 34	5 44	16 36	0 37	22 30	0 39	1 52	2 14	21 20	0 7	4 2	1 11	23 53	2 39	13 23	13 53	15 11	7 32	1 45			
W20	1 16	17 35	1 53	0s 6	1 1	18 51	5 51	16 49	0 38	22 31	0 39	1 55	2 14	21 19	0 7	4 1	1 11	23 53	2 39	13 23	13 54	15 10	7 31	1 45			
T 21	0 53	15 30	0 51	0 53	0 55	19 6	5 58	17 1	0 38	22 31	0 39	1 58	2 14	21 19	0 7	4 0	1 11	23 53	2 39	13 22	13 55	15 9	7 30	1 45			
F 22	0 30	12 45	0n13	1 39	0 49	19 21	6 5	17 14	0 39	22 31	0 39	2 1	2 14	21 19	0 7	3 59	1 11	23 53	2 39	13 22	13 56	15 7	7 29	1 45			
S 23	0 6	9 28	1 18	2 25	0 42	19 36	6 12	17 26	0 40	22 31	0 39	2 4	2 14	21 19	0 7	3 58	1 11	23 53	2 39	13 23	13 57	15 6	7 28	1 45			
S 24	0s17	5 45	2 19	3 11	0 36	19 49	6 19	17 39	0 40	22 32	0 39	2 7	2 14	21 19	0 7	3 58	1 11	23 53	2 39	13 24	13 58	15 5	7 27	1 44			
M25	0 41	1 46	3 15	3 56	0 29	20 2	6 25	17 51	0 41	22 32	0 39	2 10	2 14	21 19	0 7	3 57	1 11	23 53	2 39	13 25	13 59	15 4	7 26	1 44			
T 26	1 4	2s22	4 2	4 41	0 23	20 14	6 32	18 3	0 41	22 32	0 39	2 13	2 14	21 19	0 7	3 56	1 11	23 54	2 39	13 27	14 0	15 3	7 24	1 44			
W27	1 28	6 27	4 38	5 26	0 16	20 25	6 38	18 15	0 42	22 32	0 39	2 15	2 14	21 19	0 7	3 55	1 11	23 54	2 39	13 29	14 1	15 1	7 23	1 44			
T 28	1 51	10 18	5 2	6 10	0 9	20 35	6 44	18 27	0 43	22 32	0 39	2 18	2 14	21 19	0 7	3 54	1 11	23 54	2 39	13 32	14 2	15 0	7 22	1 44			
F 29	2 15	13 45	5 10	6 53	0 2	20 44	6 50	18 39	0 43	22 32	0 39	2 21	2 14	21 19	0 7	3 53	1 11	23 54	2 39	13 34	14 3	14 59	7 21	1 44			
S 30	2s38	16s33	5n 1	7s36	0s 5	20s53	6s55	18s51	0s44	22n32	0s39	2s24	2n14	21n18	0s 7	3s52	1n11	23s54	2s39	13n36	14n 4	14n58	7n20	1n44			

ASTRODIENST EPHEMERIS for the year 1775

geocentric

OCTOBER 1775

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 8	7♂36°39	20♂31	20♂47	8♂36	22♂9	21♂33	11♂22	6°R32	23♂2	24°R15	23°R46	22♂19	18♂38	14°R29	S 1
M 2	0 42 5	8°35'47	4♂12	22°21	8°41	22°51	21°35	11°29	6♂31	23° 4	24°♂14	23°D45	22°15	18°45	14°Y26	M 2
T 3	0 46 1	9°34'56	18° 8	23°54	8°44	23°33	21°37	11°36	6°30	23° 7	24°14	23♂45	22°12	18°52	14°23	T 3
W 4	0 49 58	10°34'08	2♂19	25°27	8°R45	24°15	21°38	11°44	6°29	23° 9	24°14	23°46	22° 9	18°58	14°20	W 4
T 5	0 53 54	11°33'21	16°42	26°58	8°43	24°58	21°39	11°51	6°28	23°11	24°14	23°R47	22° 6	19° 5	14°18	T 5
F 6	0 57 51	12°32'36	1♂16	28°29	8°39	25°40	21°40	11°58	6°27	23°13	24°14	23°47	22° 3	19°12	14°15	F 6
S 7	1 1 47	13°31'52	15°57	29°59	8°33	26°23	21°41	12° 6	6°26	23°15	24°D14	23°45	22° 0	19°18	14°12	S 7
S 8	1 5 44	14°31'11	0Y°37	1♂29	8°24	27° 6	21°41	12°13	6°24	23°17	24°14	23°41	21°56	19°25	14° 9	S 8
M 9	1 9 41	15°30'31	15°11	2°58	8°13	27°48	21°42	12°20	6°23	23°19	24°14	23°34	21°53	19°32	14° 6	M 9
T 10	1 13 37	16°29'54	29°32	4°25	7°59	28°31	21°R42	12°28	6°22	23°21	24°14	23°26	21°50	19°38	14° 4	T 10
W11	1 17 34	17°29'18	13♂33	5°52	7°43	29°14	21°42	12°35	6°20	23°24	24°14	23°17	21°47	19°45	14° 1	W11
T 12	1 21 30	18°28'45	27°10	7°19	7°25	29°57	21°42	12°43	6°19	23°26	24°14	23° 8	21°44	19°52	13°58	T 12
F 13	1 25 27	19°28'15	10♂23	8°44	7° 4	0♂47	21°41	12°50	6°17	23°28	24°14	23° 1	21°40	19°58	13°55	F 13
S 14	1 29 23	20°27'46	23°11	10° 9	6°41	1°23	21°40	12°57	6°16	23°30	24°15	22°55	21°37	20° 5	13°52	S 14
S 15	1 33 20	21°27'20	5♂37	11°32	6°16	2° 6	21°40	13° 4	6°14	23°32	24°15	22°51	21°34	20°11	13°50	S 15
M16	1 37 16	22°26'56	17°46	12°55	5°49	2°49	21°39	13°12	6°13	23°34	24°15	22°D50	21°31	20°18	13°47	M16
T 17	1 41 13	23°26'34	29°42	14°17	5°21	3°33	21°37	13°19	6°11	23°36	24°15	22°50	21°28	20°25	13°44	T 17
W18	1 45 10	24°26'15	11♂31	15°38	4°50	4°16	21°36	13°26	6° 9	23°38	24°16	22°51	21°25	20°31	13°41	W18
T 19	1 49 6	25°25'58	23°18	16°58	4°18	5° 0	21°34	13°34	6° 8	23°40	24°16	22°R51	21°21	20°38	13°39	T 19
F 20	1 53 3	26°25'43	5♂9	18°16	3°45	5°43	21°32	13°41	6° 6	23°42	24°16	22°50	21°18	20°45	13°36	F 20
S 21	1 56 59	27°25'30	17° 7	19°34	3°11	6°27	21°30	13°48	6° 4	23°44	24°17	22°47	21°15	20°51	13°33	S 21
S 22	2 0 56	28°25'19	29°17	20°50	2°35	7°11	21°28	13°55	6° 2	23°46	24°17	22°42	21°12	20°58	13°30	S 22
M23	2 4 52	29°25'10	11♂41	22° 5	2° 0	7°54	21°25	14° 3	6° 1	23°47	24°18	22°33	21° 9	21° 5	13°28	M23
T 24	2 8 49	0♂25'04	24°21	23°18	1°23	8°38	21°23	14°10	5°59	23°49	24°18	22°23	21° 5	21°11	13°25	T 24
W25	2 12 45	1°24'59	7♂17	24°29	0°47	9°22	21°20	14°17	5°57	23°51	24°19	22°11	21° 2	21°18	13°22	W25
T 26	2 16 42	2°24'57	20°27	25°39	0°10	10° 6	21°17	14°24	5°55	23°53	24°19	21°59	20°59	21°25	13°20	T 26
F 27	2 20 39	3°24'56	3♂50	26°47	29♂34	10°50	21°14	14°31	5°53	23°55	24°20	21°47	20°56	21°31	13°17	F 27
S 28	2 24 35	4°24'57	17°25	27°52	28°59	11°34	21°10	14°38	5°51	23°57	24°20	21°38	20°53	21°38	13°15	S 28
S 29	2 28 32	5°25'00	1♂ 8	28°54	28°24	12°19	21° 7	14°45	5°49	23°58	24°21	21°31	20°50	21°44	13°12	S 29
M30	2 32 28	6°25'05	14°59	29°54	27°50	13° 3	21° 3	14°52	5°47	24° 0	24°22	21°27	20°46	21°51	13°10	M30
T 31	2 36 25	7♂25'11	28♂56	0♂51	27♂17	13♂47	20♂59	14♂59	5♂44	24♂2	24♂22	21♂25	20♂43	21♂58	13Y 7	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s 1	18s32	4n37	8s19	0s12	21s 0	7s 0	19s 2	0s44	22n33	0s39	2s27	2n14	21n18	0s 7	3n52
M 2	3 25	19 28	3 56	9 1	0 19	21 6	7 5	19 14	0 45	22 33	0 39	2 30	2 14	21 18	0 7	3 51
T 3	3 48	19 15	3 1	9 42	0 27	21 11	7 9	19 25	0 45	22 33	0 39	2 33	2 14	21 18	0 7	3 50
W 4	4 11	17 49	1 54	10 22	0 34	21 15	7 13	19 36	0 46	22 33	0 39	2 35	2 14	21 18	0 7	3 49
T 5	4 35	15 14	0 38	11 2	0 41	21 18	7 17	19 47	0 46	22 33	0 39	2 38	2 14	21 18	0 7	3 48
F 6	4 58	11 40	0s40	11 42	0 48	21 20	7 20	19 58	0 47	22 33	0 39	2 41	2 14	21 17	0 7	3 47
S 7	5 21	7 21	1 57	12 20	0 55	21 20	7 23	20 8	0 47	22 33	0 39	2 44	2 14	21 17	0 7	3 47
S 8	5 44	2 35	3 5	12 58	1 2	21 19	7 25	20 19	0 48	22 33	0 39	2 47	2 14	21 17	0 7	3 46
M 9	6 7	2n17	4 1	13 35	1 9	21 17	7 26	20 29	0 48	22 33	0 39	2 50	2 14	21 17	0 7	3 45
T 10	6 30	6 57	4 40	14 12	1 16	21 13	7 27	20 39	0 49	22 33	0 39	2 53	2 14	21 17	0 7	3 44
W11	6 52	11 7	5 2	14 47	1 22	21 8	7 27	20 49	0 49	22 33	0 39	2 55	2 14	21 16	0 7	3 43
T 12	7 15	14 36	5 5	15 22	1 29	21 2	7 27	20 59	0 50	22 33	0 39	2 58	2 14	21 16	0 7	3 42
F 13	7 38	17 12	4 52	15 56	1 36	20 54	7 26	21 8	0 50	22 33	0 39	3 1	2 14	21 16	0 7	3 42
S 14	8 0	18 53	4 25	16 29	1 42	20 44	7 24	21 17	0 51	22 33	0 39	3 4	2 14	21 16	0 7	3 41
S 15	8 23	19 36	3 45	17 2	1 48	20 33	7 21	21 27	0 51	22 33	0 39	3 7	2 14	21 15	0 7	3 40
M16	8 45	19 22	2 57	17 33	1 54	20 21	7 18	21 36	0 52	22 33	0 39	3 9	2 14	21 15	0 7	3 39
T 17	9 7	18 16	2 1	18 3	2 0	20 7	7 14	21 45	0 52	22 33	0 39	3 12	2 14	21 15	0 7	3 39
W18	9 29	16 23	1 0	18 33	2 6	19 52	7 9	21 53	0 53	22 33	0 39	3 15	2 14	21 14	0 7	3 38
T 19	9 51	13 48	0n 2	19 1	2 11	19 35	7 3	22 2	0 53	22 33	0 39	3 18	2 14	21 14	0 7	3 37
F 20	10 13	10 39	1 5	19 29	2 17	19 18	6 56	22 10	0 54	22 32	0 39	3 20	2 14	21 14	0 7	3 36
S 21	10 34	7 1	2 6	19 55	2 22	18 59	6 49	22 18	0 54	22 32	0 39	3 23	2 14	21 14	0 7	3 36
S 22	10 56	3 3	3 1	20 20	2 26	18 38	6 40	22 26	0 54	22 32	0 39	3 26	2 14	21 13	0 7	3 35
M23	11 17	1s 6	3 49	20 44	2 31	18 17	6 31	22 33	0 55	22 32	0 39	3 29	2 15	21 13	0 7	3 34
T 24	11 38	5 18	4 27	21 7	2 35	17 55	6 21	22 41	0 55	22 32	0 39	3 31	2 15	21 13	0 7	3 33
W25	11 59	9 21	4 52	21 29	2 39	17 32	6 11	22 48	0 56	22 32	0 39	3 34	2 15	21 12	0 7	3 33
T 26	12 20	13 2	5 2	21 49	2 42	17 8	5 59	22 55	0 56	22 32	0 39	3 37	2 15	21 12	0 7	3 32
F 27	12 40	16 6	4 55	22 8	2 45	16 44	5 47	23 2	0 57	22 31	0 39	3 39	2 15	21 12	0 7	3 31
S 28	13 0	18 21	4 32	22 25	2 47	16 20	5 35	23 8	0 57	22 31	0 39	3 42	2 15	21 11	0 7	3 31
S 29	13 21	19 34	3 53	22 41	2 49	15 55	5 22	23 15	0 57	22 31	0 39	3 45	2 15	21 11	0 7	3 30
M30	13 40	19 38	3 0	22 56	2 51	15 30	5 8	23 21	0 58	22 31	0 39	3 47	2 15	21 11	0 7	3 29
T 31	14s 0	18s30	1n56	23s 9	2s51	15s 5	4s54	23s27	0s58	22n31	0s39	3s50	2n15	21n10	0s 7	3n29

Julian Day Number = 2369638.5, Delta T = 21.98 sec
 Ecliptic obliquity = 23°28'00, Nutation = - 0°00'11, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°36'34, Lahiri = 20°43'34Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1775

geocentric

NOVEMBER 1775

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 40 21	8♂25'18	12♂58	1♂44	26°R46	14♂32	20°R55	15♂6	5°R42	24♂4	24♂23	21°D25	20♂40	22♂4	13°R 5	W 1
T 2	2 44 18	9°25'27	27° 6	2°33	26♂16	15°16	20♂50	15°13	5♂40	24° 5	24°24	21°R25	20°37	22°11	13°R 2	T 2
F 3	2 48 14	10°25'38	11♂19	3°18	25°48	16° 0	20°46	15°20	5°38	24° 7	24°24	21♂24	20°34	22°18	13° 0	F 3
S 4	2 52 11	11°25'50	25°33	3°58	25°22	16°45	20°41	15°27	5°36	24° 9	24°25	21°20	20°31	22°24	12°57	S 4
S 5	2 56 8	12°26'03	9♂48	4°32	24°59	17°30	20°36	15°34	5°33	24°10	24°26	21°14	20°27	22°31	12°55	S 5
M 6	3 0 4	13°26'18	23°57	5° 1	24°37	18°14	20°31	15°41	5°31	24°12	24°27	21° 5	20°24	22°38	12°53	M 6
T 7	3 4 1	14°26'35	7♂56	5°22	24°17	18°59	20°26	15°48	5°29	24°14	24°28	20°53	20°21	22°44	12°50	T 7
W 8	3 7 57	15°26'54	21°42	5°36	24° 0	19°44	20°20	15°54	5°27	24°15	24°29	20°40	20°18	22°51	12°48	W 8
T 9	3 11 54	16°27'14	5♂9	5°R42	23°46	20°29	20°15	16° 1	5°24	24°17	24°29	20°28	20°15	22°58	12°46	T 9
F 10	3 15 50	17°27'36	18°15	5°39	23°34	21°14	20° 9	16° 8	5°22	24°18	24°30	20°16	20°11	23° 4	12°44	F 10
S 11	3 19 47	18°28'00	1♂0	5°27	23°24	21°59	20° 3	16°14	5°19	24°20	24°31	20° 7	20° 8	23°11	12°41	S 11
S 12	3 23 43	19°28'26	13°26	5° 4	23°17	22°44	19°57	16°21	5°17	24°21	24°32	20° 0	20° 5	23°17	12°39	S 12
M13	3 27 40	20°28'53	25°35	4°31	23°12	23°29	19°51	16°27	5°15	24°23	24°33	19°56	20° 2	23°24	12°37	M13
T 14	3 31 37	21°29'23	7♂32	3°48	23°D10	24°14	19°45	16°34	5°12	24°24	24°35	19°55	19°59	23°31	12°35	T 14
W15	3 35 33	22°29'54	19°21	2°55	23°10	24°59	19°38	16°40	5°10	24°25	24°36	19°54	19°56	23°37	12°33	W15
T 16	3 39 30	23°30'27	1♂9	1°53	23°13	25°45	19°32	16°47	5° 7	24°27	24°37	19°54	19°52	23°44	12°31	T 16
F 17	3 43 26	24°31'02	13° 0	0°43	23°18	26°30	19°25	16°53	5° 5	24°28	24°38	19°53	19°49	23°51	12°29	F 17
S 18	3 47 23	25°31'38	25° 1	29♂26	23°25	27°16	19°18	17° 0	5° 2	24°29	24°39	19°50	19°46	23°57	12°27	S 18
S 19	3 51 19	26°32'17	7♂15	28° 6	23°35	28° 1	19°11	17° 6	5° 0	24°31	24°40	19°45	19°43	24° 4	12°26	S 19
M20	3 55 16	27°32'56	19°47	26°44	23°47	28°47	19° 4	17°12	4°57	24°32	24°41	19°36	19°40	24°11	12°24	M20
T 21	3 59 12	28°33'38	2♂40	25°23	24° 1	29°32	18°57	17°18	4°55	24°33	24°43	19°25	19°37	24°17	12°22	T 21
W22	4 3 9	29°34'21	15°53	24° 7	24°17	0♂18	18°50	17°24	4°52	24°34	24°44	19°13	19°33	24°24	12°20	W22
T 23	4 7 5	0♂35'05	29°25	22°57	24°35	1° 4	18°42	17°30	4°50	24°35	24°45	19° 0	19°30	24°31	12°19	T 23
F 24	4 11 2	1°35'51	13♂14	21°56	24°55	1°49	18°35	17°36	4°47	24°36	24°46	18°47	19°27	24°37	12°17	F 24
S 25	4 14 59	2°36'39	27°15	21° 4	25°17	2°35	18°27	17°42	4°45	24°38	24°48	18°37	19°24	24°44	12°15	S 25
S 26	4 18 55	3°37'27	11♂24	20°24	25°41	3°21	18°20	17°48	4°42	24°39	24°49	18°30	19°21	24°51	12°14	S 26
M27	4 22 52	4°38'16	25°36	19°55	26° 7	4° 7	18°12	17°54	4°40	24°40	24°50	18°25	19°17	24°57	12°13	M27
T 28	4 26 48	5°39'07	9♂48	19°38	26°34	4°53	18° 4	18° 0	4°37	24°41	24°52	18°24	19°14	25° 4	12°11	T 28
W29	4 30 45	6°39'58	23°58	19°D31	27° 3	5°39	17°56	18° 5	4°35	24°42	24°53	18°D23	19°11	25°10	12°10	W29
T 30	4 34 41	7♂40'50	8♂4	19♂36	27♂34	6♂25	17♂48	18♂11	4♂32	24♂43	24♂55	18°R24	19♂8	25♂17	12°R 8	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	
W 1	14s20	16s14	0n45	23s20	2s51	14s40	4s40	23s32	0s58	22n30	0s39	3s53	2n15	21n10	0s 7	3n28	1n12	23s53	2s39	14n23	14n37	14n17	6n43	1n41
T 2	14 39	12 58	0s30	23 29	2 51	14 16	4 25	23 38	0 59	22 30	0 39	3 55	2 15	21 9	0 7	3 27	1 12	23 52	2 39	14 23	14 38	14 16	6 42	1 41
F 3	14 58	8 55	1 43	23 36	2 49	13 51	4 10	23 43	0 59	22 30	0 39	3 58	2 16	21 9	0 7	3 27	1 12	23 52	2 39	14 23	14 39	14 15	6 41	1 41
S 4	15 17	4 22	2 50	23 42	2 47	13 28	3 55	23 48	1 0	22 29	0 39	4 0	2 16	21 9	0 7	3 26	1 12	23 52	2 39	14 24	14 40	14 13	6 40	1 41
S 5	15 35	0n25	3 46	23 45	2 43	13 5	3 40	23 52	1 0	22 29	0 39	4 3	2 16	21 8	0 7	3 25	1 12	23 52	2 39	14 26	14 41	14 12	6 39	1 41
M 6	15 53	5 9	4 28	23 45	2 39	12 43	3 24	23 57	1 0	22 29	0 39	4 5	2 16	21 8	0 7	3 25	1 12	23 52	2 39	14 29	14 42	14 11	6 38	1 41
T 7	16 11	9 33	4 53	23 44	2 33	12 21	3 9	24 1	1 1	22 28	0 39	4 8	2 16	21 7	0 7	3 24	1 12	23 52	2 39	14 33	14 43	14 9	6 37	1 40
W 8	16 29	13 22	5 0	23 39	2 26	12 1	2 54	24 5	1 1	22 28	0 39	4 10	2 16	21 7	0 7	3 24	1 12	23 52	2 39	14 37	14 44	14 8	6 36	1 40
T 9	16 47	16 25	4 51	23 32	2 17	11 42	2 39	24 8	1 1	22 28	0 39	4 13	2 16	21 7	0 7	3 23	1 13	23 51	2 39	14 41	14 45	14 7	6 35	1 40
F 10	17 4	18 32	4 26	23 22	2 8	11 23	2 24	24 12	1 1	22 27	0 39	4 15	2 16	21 6	0 7	3 23	1 13	23 51	2 39	14 45	14 46	14 5	6 34	1 40
S 11	17 21	19 40	3 48	23 8	1 56	11 6	2 9	24 15	1 2	22 27	0 39	4 18	2 16	21 6	0 7	3 22	1 13	23 51	2 39	14 48	14 47	14 4	6 33	1 40
S 12	17 37	19 48	3 0	22 51	1 43	10 50	1 55	24 18	1 2	22 27	0 39	4 20	2 17	21 5	0 7	3 21	1 13	23 51	2 39	14 50	14 48	14 3	6 32	1 40
M13	17 53	19 0	2 5	22 31	1 28	10 35	1 40	24 21	1 2	22 26	0 39	4 22	2 17	21 5	0 7	3 21	1 13	23 51	2 39	14 51	14 49	14 1	6 31	1 40
T 14	18 9	17 22	1 5	22 7	1 12	10 21	1 26	24 23	1 3	22 26	0 38	4 25	2 17	21 5	0 7	3 20	1 13	23 51	2 39	14 52	14 50	14 0	6 30	1 39
W15	18 25	14 59	0 3	21 40	0 55	10 8	1 13	24 25	1 3	22 25	0 38	4 27	2 17	21 4	0 7	3 20	1 13	23 50	2 39	14 52	14 51	13 58	6 29	1 39
T 16	18 40	12 0	0n59	21 9	0 36	9 57	0 59	24 27	1 3	22 25	0 38	4 29	2 17	21 4	0 7	3 19	1 13	23 50	2 39	14 52	14 52	13 57	6 28	1 39
F 17	18 55	8 31	1 59	20 35	0 16	9 46	0 46	24 29	1 3	22 25	0 38	4 32	2 17	21 3	0 7	3 19	1 13	23 50	2 39	14 52	14 53	13 56	6 28	1 39
S 18	19 10	4 39	2 55	19 59	0n 5	9 37	0 33	24 30	1 4	22 24	0 38	4 34	2 17	21 3	0 7	3 18	1 13	23 50	2 39	14 53	14 54	13 54	6 27	1 39
S 19	19 24	0 32	3 43	19 21	0 25	9 29	0 21	24 31	1 4	22 24	0 38	4 36	2 18	21 2	0 7	3 18	1 13	23 50	2 39	14 55	14 55	13 53	6 26	1 39
M20	19 38	3s42	4 22	18 43	0 45	9 23	0 9	24 32	1 4	22 23	0 38	4 38	2 18	21 2	0 7	3 18	1 13	23 50	2 39	14 57	14 56	13 52	6 25	1 39
T 21	19 52	7 54	4 48	18 5	1 5	9 17	0n 3	24 32	1 4	22 23	0 38	4 41	2 18	21 2	0 7	3 17	1 13	23 49	2 39	15 1	14 57	13 50	6 24	1 38
W22	20 5	11 49	5 0	17 29	1 23	9 13	0 14	24 33	1 5	22 22	0 38	4 43	2 18	21 1	0 7	3 17	1 13	23 49	2 39	15 5	14 58	13 49	6 23	1 38
T 23	20 18	15 14	4 56	16 55	1 40	9 9	0 25	24 33	1 5	22 22	0 38	4 45	2 18	21 1	0 7	3 16	1 13	23 49	2 39	15 9	14 59	13 47	6 23	1 38
F 24	20 30	17 52	4 34	16 26	1 54	9 7	0 35	24 32	1 5	22 21	0 38	4 47	2 18	21 0	0 7	3 16	1 13	23 49	2 40	15 13	15 0	13 46	6 22	1 38
S 25	20 42	19 30	3 56	16 0	2 7	9 5	0 45	24 32	1 5	22 20	0 38	4 49	2 19	21 0	0 7	3 15	1 13	23 48	2 40	15 16	15 1	13 45	6 21	1 38
S 26	20 54	19 57	3 3	15 40	2 17	9 5	0 55	24 31	1 6	22 20	0 37	4 51	2 19	20 59	0 7	3 15	1 13	23 48	2 40	15 18	15 2	13 43	6 20	1 38
M27	21 5	19 7	1 58	15 24	2 25	9 5	1 5	24 30	1 6	22 19	0 37	4 53	2 19	20 59	0 7	3 15	1 13	23 48	2 40	15 19	15 3	13 42	6 20	1 38
T 28	21 16	17 5	0 45	15 14	2 31	9 7	1 14	24 28	1 6	22 19	0 37	4 55	2 19	20 58	0 7	3 14	1 13	23 48	2 40	15 20	15 4	13 41	6 19	1 37
W29	21 27	14 1	0s30	15 8	2 36	9 9	1 22	24 27	1 6	22 18	0 37	4 57	2 19	20 58	0 7	3 14	1 13	23 48	2 40	15 20	15 5	13 39	6 18	1 37
T 30	21s37	10s 9	1s43	15s 7	2n38	9s13	1n31	24s25	1s 6	22n17	0s37	4s59	2n20	20n57	0s 7	3n14	1n13	23s47	2s40	15n20	15n 6	13n38	6n18	1n37

ASTRODIENST EPHEMERIS for the year 1775
geocentric

DECEMBER 1775

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	4 38 38	8♌41'42	22♋5	19♍50	28♎6	7♏11	17°R40	18♏17	4°R30	24♐43	24♑56	18°R23	19♒5	25♓24	12°R 7	F 1
S 2	4 42 35	9°42'36	6♐1	20°14	28°40	7°57	17°II32	18°22	4°II27	24°44	24°58	18♒20	19° 2	25°30	12°V 6	S 2
S 3	4 46 31	10°43'30	19°51	20°46	29°15	8°43	17°24	18°28	4°25	24°45	24°59	18°15	18°58	25°37	12° 5	S 3
M 4	4 50 28	11°44'25	3♊33	21°25	29°51	9°30	17°16	18°33	4°22	24°46	25° 1	18° 7	18°55	25°44	12° 4	M 4
T 5	4 54 24	12°45'21	17° 6	22°10	0♍29	10°16	17° 8	18°38	4°20	24°47	25° 2	17°56	18°52	25°50	12° 3	T 5
W 6	4 58 21	13°46'18	0♐27	23° 2	1° 8	11° 2	17° 0	18°44	4°17	24°47	25° 4	17°45	18°49	25°57	12° 2	W 6
T 7	5 2 17	14°47'15	13°34	23°58	1°49	11°48	16°52	18°49	4°15	24°48	25° 5	17°33	18°46	26° 4	12° 1	T 7
F 8	5 6 14	15°48'14	26°25	24°59	2°30	12°35	16°44	18°54	4°12	24°49	25° 7	17°23	18°42	26°10	12° 0	F 8
S 9	5 10 10	16°49'13	9♉0	26° 4	3°13	13°21	16°35	18°59	4°10	24°49	25° 8	17°14	18°39	26°17	11°59	S 9
S 10	5 14 7	17°50'14	21°19	27°12	3°57	14° 8	16°27	19° 4	4° 7	24°50	25°10	17° 8	18°36	26°24	11°58	S 10
M 11	5 18 4	18°51'15	3♌25	28°23	4°41	14°54	16°19	19° 9	4° 5	24°51	25°12	17° 5	18°33	26°30	11°57	M 11
T 12	5 22 0	19°52'17	15°20	29°36	5°27	15°41	16°11	19°13	4° 2	24°51	25°13	17°D 4	18°30	26°37	11°57	T 12
W 13	5 25 57	20°53'20	27° 9	0♌52	6°14	16°27	16° 3	19°18	4° 0	24°52	25°15	17° 4	18°27	26°44	11°56	W 13
T 14	5 29 53	21°54'24	8♍56	2°10	7° 2	17°14	15°55	19°23	3°58	24°52	25°17	17° 5	18°23	26°50	11°56	T 14
F 15	5 33 50	22°55'29	20°47	3°29	7°50	18° 1	15°47	19°27	3°55	24°53	25°18	17°R 6	18°20	26°57	11°55	F 15
S 16	5 37 46	23°56'35	2♌47	4°50	8°40	18°47	15°39	19°32	3°53	24°53	25°20	17° 6	18°17	27° 3	11°55	S 16
S 17	5 41 43	24°57'42	15° 1	6°12	9°30	19°34	15°31	19°36	3°51	24°53	25°22	17° 3	18°14	27°10	11°54	S 17
M 18	5 45 39	25°58'49	27°34	7°36	10°21	20°21	15°23	19°41	3°48	24°54	25°23	16°59	18°11	27°17	11°54	M 18
T 19	5 49 36	26°59'57	10♍30	9° 0	11°13	21° 8	15°15	19°45	3°46	24°54	25°25	16°52	18° 8	27°23	11°54	T 19
W 20	5 53 33	28° 1'06	23°50	10°25	12° 6	21°55	15° 7	19°49	3°44	24°54	25°27	16°44	18° 4	27°30	11°53	W 20
T 21	5 57 29	29° 2'15	7♌35	11°51	12°59	22°42	14°59	19°53	3°41	24°55	25°29	16°36	18° 1	27°37	11°53	T 21
F 22	6 1 26	0♉3'25	21°42	13°18	13°53	23°28	14°52	19°57	3°39	24°55	25°31	16°28	17°58	27°43	11°53	F 22
S 23	6 5 22	1° 4'36	6♊7	14°45	14°48	24°15	14°44	20° 1	3°37	24°55	25°32	16°21	17°55	27°50	11°D53	S 23
S 24	6 9 19	2° 5'46	20°43	16°13	15°43	25° 2	14°37	20° 5	3°35	24°55	25°34	16°16	17°52	27°57	11°53	S 24
M 25	6 13 15	3° 6'57	5♌23	17°42	16°39	25°49	14°29	20° 8	3°33	24°55	25°36	16°14	17°49	28° 3	11°53	M 25
T 26	6 17 12	4° 8'08	20° 0	19°11	17°36	26°36	14°22	20°12	3°31	24°55	25°38	16°D13	17°45	28°10	11°53	T 26
W 27	6 21 8	5° 9'19	4♋30	20°40	18°33	27°24	14°15	20°16	3°29	24°R55	25°40	16°14	17°42	28°17	11°54	W 27
T 28	6 25 5	6°10'29	18°49	22°10	19°30	28°11	14° 8	20°19	3°27	24°55	25°42	16°16	17°39	28°23	11°54	T 28
F 29	6 29 2	7°11'39	2♐54	23°40	20°29	28°58	14° 1	20°22	3°25	24°55	25°43	16°R17	17°36	28°30	11°54	F 29
S 30	6 32 58	8°12'49	16°45	25°11	21°27	29°45	13°54	20°26	3°23	24°55	25°45	16°16	17°33	28°37	11°54	S 30
S 31	6 36 55	9♉13'59	0♉22	26♌42	22♍26	0♌32	13°II47	20♏29	3°II21	24♐55	25♑47	16♒14	17♒29	28♓43	11°V55	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s47	5s44	2s49	15s10	2n39	9s17	1n39	24s23	1s 6	22n17	0s37	5s 1	2n20	20n57	0s 7	3n13	1n14	23s47	2s40	15n20	15n 7	13n36	6n17	1n37									
S 2	21 56	1 3	3 45	15 17	2 39	9 21	1 46	24 20	1 7	22 16	0 37	5 3	2 20	20 57	0 7	3 13	1 14	23 47	2 40	15 21	15 8	13 35	6 16	1 37									
S 3	22 5	3n39	4 27	15 27	2 37	9 27	1 54	24 17	1 7	22 16	0 37	5 5	2 20	20 56	0 7	3 13	1 14	23 47	2 40	15 23	15 9	13 33	6 16	1 37									
M 4	22 13	8 7	4 53	15 39	2 34	9 33	2 1	24 14	1 7	22 15	0 37	5 7	2 20	20 56	0 7	3 13	1 14	23 46	2 40	15 25	15 10	13 32	6 15	1 36									
T 5	22 21	12 7	5 3	15 55	2 30	9 40	2 7	24 11	1 7	22 14	0 36	5 9	2 20	20 55	0 7	3 12	1 14	23 46	2 40	15 28	15 11	13 31	6 15	1 36									
W 6	22 29	15 27	4 56	16 12	2 26	9 48	2 13	24 7	1 7	22 14	0 36	5 11	2 21	20 55	0 7	3 12	1 14	23 46	2 40	15 32	15 12	13 29	6 14	1 36									
T 7	22 36	17 56	4 33	16 31	2 21	9 56	2 20	24 4	1 7	22 13	0 36	5 12	2 21	20 54	0 7	3 12	1 14	23 46	2 40	15 35	15 13	13 28	6 14	1 36									
F 8	22 43	19 29	3 56	16 51	2 15	10 5	2 25	23 59	1 7	22 12	0 36	5 14	2 21	20 54	0 7	3 12	1 14	23 45	2 40	15 39	15 14	13 26	6 13	1 36									
S 9	22 49	20 1	3 9	17 12	2 9	10 14	2 31	23 55	1 8	22 12	0 36	5 16	2 21	20 53	0 7	3 11	1 14	23 45	2 40	15 41	15 15	13 25	6 13	1 36									
S 10	22 55	19 35	2 13	17 34	2 3	10 24	2 36	23 50	1 8	22 11	0 36	5 17	2 22	20 53	0 7	3 11	1 14	23 45	2 40	15 43	15 16	13 23	6 12	1 36									
M11	23 0	18 14	1 13	17 56	1 56	10 35	2 41	23 45	1 8	22 10	0 36	5 19	2 22	20 53	0 7	3 11	1 14	23 45	2 40	15 44	15 17	13 22	6 12	1 35									
T 12	23 5	16 6	0 9	18 19	1 49	10 45	2 45	23 40	1 8	22 10	0 35	5 21	2 22	20 52	0 7	3 11	1 14	23 44	2 40	15 44	15 18	13 21	6 11	1 35									
W13	23 9	13 19	0n54	18 42	1 41	10 57	2 50	23 34	1 8	22 9	0 35	5 22	2 22	20 52	0 7	3 11	1 14	23 44	2 40	15 44	15 19	13 19	6 11	1 35									
T 14	23 13	10 0	1 55	19 5	1 34	11 8	2 54	23 29	1 8	22 8	0 35	5 24	2 22	20 51	0 7	3 10	1 14	23 44	2 40	15 44	15 20	13 18	6 11	1 35									
F 15	23 17	6 17	2 51	19 28	1 26	11 21	2 57	23 23	1 8	22 8	0 35	5 25	2 23	20 51	0 7	3 10	1 14	23 43	2 40	15 44	15 21	13 16	6 10	1 35									
S 16	23 20	2 16	3 41	19 50	1 18	11 33	3 1	23 16	1 8	22 7	0 35	5 27	2 23	20 50	0 7	3 10	1 14	23 43	2 40	15 44	15 22	13 15	6 10	1 35									
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